# Vivekanand Education Society's
## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognised by Govt. of Maharashtra)

Since 1962

Dr. (Mrs.) J. M. Nair
M. Tech., Ph.D. (IIT-B)
Principal


Ref. No.: VESIT/ JMN/ 1325/ 2023-24

Date : 26/10/2023

**TO WHOM SO IT MAY CONCERN**

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (https://vesit.ves.ac.in/) are also authentic and does not need any extra validation.

Jayalekshmi

**Dr. (Mrs) Jayalekshmi M Nair**
**Principal**
Vivekanand Education Society's Institute of Technology
Hashu Advani Memorial Complex,
Collector's Colony
Chembur, Mumbai, Maharashtra 400074

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY
CHEMBUR, MUMBAI-400 074 INDIA

# Vivekanand Education Society's
## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

### Department Reports


| Sr. No. | | Title | Page Nos |
|---|---|---|---|
| 1 | Academic Year 2021-22 (Even Semester) | | |
| | A | Electronics Engineering Department | 1 |
| | B | Computer Engineering Department | 29 |
| | C | Instrumentation Department | 216 |
| | D | Electronics and Telecommunication Department | 226 |
| | E | Information Technology Department | 260 |
| | F | Humanities & Social Sciences Department | 278 |
| | G | Master of Computer Applications Department | 296 |
| 2 | Academic Year 2021-22 (Odd Semester) | | |
| | A | Electronics Engineering Department | 333 |
| | B | Computer Engineering Department | 389 |
| | C | Instrumentation Department | 477 |
| | D | Electronics and Telecommunication Department | 512 |
| | E | Information Technology Department | 551 |
| | F | Humanities & Social Sciences Department | 594 |
| | G | Master of Computer Applications Department | 598 |

# FACULTY CONTRIBUTION

- **Courses Conducted by Faculty**
- **Orientation Programs**

| Sr. No. | Conducted By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| | | | | | |

- **Workshop/Courses Conducted by Faculties**

| Sr. No. | Conducted by | Course Description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Dr. Abhay Kshirsagar<br>Dr. P Birajdar | How to write technical paper | Department of Electronics | 02/03/2022 | 01 |

- **Courses Attended by Faculty**

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Mrs. Sarika Pravin Kuhikar | "SCILAB and XCOS – FOSS Alternatives for MATLAB and SIMULINK" | AICTE Training and Learning (ATAL) Academy | 07/02/2022 | One Week |
| 2 | Abhishek Chaudhari | E-Session on “Process of Innovation Development” | VESIT Department of Computer | 15/01/2022 | 1 Day |
| 3 | Abhishek Chaudhari | Innovation & Creativity session | VESIT IIC | 13/01/2022 | 1 day |
| 4 | Abhishek Chaudhari | IP Awareness/Training program | Intellectual Property Office, India | 01/03/2022 | 1 Day |
| 5 | Dr. Asawari Dudwadkar | Hyperspectral And Microwave Remote Sensing Techniques For Geological Studies | Online Indian Institute of Remote Sensing ISRO, Department of Space, Govt. of India , nodal centre | 07/03/2022 | 10 days - 2 weeks |
| 6 | Yogesh Pandit | Entrepreneurship awareness camp | V.E.S. Institute of Technology, Mumbai | 14/03/2022 | 3 days |
| 7 | Mrs. Kavita Tewari | Entrepreneurship awareness camp | V.E.S. Institute of Technology, Mumbai | 14/03/2022 | 3 days |

| | | | | | |
|---|---|---|---|---|---|
| 8 | Mrs. Naveeta kant | Entrepreneurship awareness camp | V.E.S. Institute of Technology, Mumbai | 14/03/2022 | 3 days |
| 9 | Dr. Rajani Mangala | Entrepreneurship awareness camp | V.E.S. Institute of Technology, Mumbai | 14/03/2022 | 3 days |
| 10 | Yogesh Pandit | Online course | IIRS, Dehradun | 07/03/2022 | 1 week |
| 11 | Dr. Asawari Dudwadkar | STTP in high-speed Fibre optics | RAIT , DY patil university | 27/06/2022 | 1 week |
| 12 | Dr. Asawari Dudwadkar | IIRS 2 week course “Hyperspectral And Microwave Remote Sensing Techniques For Geological Studies” | IIRS - ISRO | 07/03/2022 | 2 weeks |

- **NPTEL Certifications**

| Sr. No. | Name of the Faculty | NPTEL Course Description | Organized by | Period | Score |
|---|---|---|---|---|---|
| 1 | Mrs. Dipti Karani | Programming, Data Structures And Algorithms Using Python | Chennai Mathematical Institute | 8 Week | 70 |
| 2 | Mrs. Dipti Karani | Data Science for Engineers | IIT Madras | 8 Week | 77 |
| 3 | Mrs. Dipti Karani | Introduction to Machine Learning | IIT Madras | 12 Week | 44 |
| 4 | Mr. Abhishek Chaudhari | Programming, Data Structures And Algorithms Using Python | Chennai Mathematical Institute | 8 Week | 66 |
| 5 | Mr. Abhishek Chaudhari | Data Science for Engineers | IIT Madras | 8 Week | 67 |
| 6 | Mrs. Amrita Jhaveri | Effective Engineering Teaching in Practce | IIT Madras | 4 Week | 85 |

## Research Forum Activities

- **Research Paper Published**

| Sr. No | Publication - Author List | Publicatio n - | Publicatio n - Date | Publication - National / | Publication - Journal / Conference | Publication - Title of | Publicatio n - | Publicatio n - Venue | Publicatio n - Publisher | Publica tion - ISBN |
|---|---|---|---|---|---|---|---|---|---|---|

| | | Affiliation of Authors | | International | | Research paper | Organised By | | | Number |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr. Parmeshwar Birajdar | Assistant Professor | 22/04/2022 | International | International Conference | Scattering Wavelet Network based Iris Classification: An Approach to De-duplication | International Conference on Information and Communication Technology for Intelligent Systems | Ahmedabad | - | - |
| 2 | Dr. Asawari Dudwadkar | Assistant Professor | 25/04/2022 | International | Journal | Understanding and Mitigating EMI in a System Incorporating Multiple RF Sources like Microwaves, Bluetooth, and Wi-Fi | Gradiva review journal , UGC care group II journal | - | Gradiva review journal | 0363-8057 |
| 3 | Dr. Parmeshwar Birajdar | Assistant Professor | June 30,2022 | International | Journal | A Scattering Wavelet Network-based Approach to Fingerprint Classification | | - | SAMRIDDHI Volume 14, Issue 2, 2022 | 2229-7111 |
| 4 | Mrs. Kavita Tewari | Associate Professor | June 30,2022 | International | Journal | Comparative Analysis of Image Enhancement Algorithms | | | SAMRIDDHI Volume 14, Issue 2, 2022 | ISSN: 2229-7111 |

- **Other Achievements**
  - Two Projects selected for project competition CIIA 2022
- **Alumni Interaction**
- **Entrepreneurship Initiatives**

Entrepreneurship Awareness Camp is organized from 14th to 16th March 2022 under IIC - VESIT

## Poster for the Event/Activity

Entrepreneurship awareness camp speakers and participant group photo

## STUDENT ACHIEVEMENTS

- **Higher Studies**

| Name of the Student | University | Field of Specialization |
|---|---|---|
| ARCHITA MALGAONKAR | IIT HYDERABAD | Masters in Materials Science & Metallurgical Engineering |
| SAKSHI GUJARATHI | NORTHEASTERN UNIVERSITY | Masters Degree Program |
| PRANIL GHADI | FRANKFURT UNIVERSITY OF APPLIED SCIENCES | Masters in Information Technology |
| SHRUSHTI SAWANT | GEORGIAN COLLEGE | - |

- **Student Participation**
- **Workshops / Seminars**
- **Industry Interactions**

**Industry Projects**

1. Mrs. Jayamala Adsul is working on a project titled “FPGA based Embedded System For Radiation Monitoring” in collaboration with TIFR.
2. Students for Final year BE is working on Project named “Industrial Biogas Plant Automation: in collaboration with BARC under Guidance of Mrs. Amrita Jhaveri.
3. Dr. Parmeshwar Birajdar - Member of Technical Advisory committee for the project of computerization and digitization of all DFSL laboratories of Maharashtra State.

**Industry Internship**

| Sr.no. | Branch | Company Name | No. of students | Duration in Months | Study year of student | Is paid (Yes / No) | Package Offered (Per Month) |
|---|---|---|---|---|---|---|---|
| 1 | ETRX | Absolute Motion Pvt Ltd | 1 | 1 Month | BE | No | NA |
| 2 | ETRX | Bhabha Atomic Research Centre, Tarapur | 1 | 15 Days | TE | NO | NA |
| 3 | ETRX | DISCOVER TECHNOLOGIES | 2 | 1 Month | BE | NO | NA |
| 4 | ETRX | Exposys Data Lab | 2 | 1 Month | TE | NO | NA |
| 5 | ETRX | HW Innovations | 1 | 2 months | TE | NO | NA |
| 6 | ETRX | Internshala | 1 | 1.5 Month | TE | NO | NA |
| 7 | ETRX | Shavison Electronics Pvt. Ltd. - Ambernath(E) | 1 | 1 Month | TE | NO | NA |
| 8 | ETRX | TCR innovation | 1 | 2 Months | BE | NO | NA |
| 9 | ETRX | TCS iON | 1 | 15 Days | TE | NO | NA |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 10 | ETRX | WeChange NGO | 1 | 6 Months | TE | NO | NA |
| 11 | ETRX | Western Regional Instrumentation Centre Mumbai | 2 | 1 Month | TE | NO | NA |

- **Industrial Visit**

| Industry Visit - Company Name | Industry Visit - Location/Venue | Industry Visit - Start Date | Industry Visit - Duration | Industry Visit - Description |
|---|---|---|---|---|
| HKS Impex Pvt. Ltd | Panvel - Dist. Raigad. Maharashtra, India - 410206 | 16-03-2022 | 1 Day | |
| Pack-King Industry | Panvel Industrial Co-operative Estate, Panvel, Navi Mumbai, Maharashtra 410206 | 16-03-2022 | 1 Day | |

- **Project Innovations**

**Two Projects shortlisted for CIIA Event**

1 . Smart Wallet for Blind People
Team Mentor-Mrs Dipti Karani
Team Members
1 . Paras Dhekale
2. Suyog Sawant
3 . Chaitanya Joshi
4. Prashanth Arundhudiyar

2. Medical Emergency Drone
Team Mentor-Dr . Abhay Kshirsagar
Team Members
1 . Prajyot Kamble
2 . Bhakti Kambli
3 . Vraj Mehta
4 . Samay Gadade

CIIA Participated Teams

- **Co-curricular Activities**

Inter College Activities

| Sr.No. | Student Name | Event Name | Organizer | Achievement |
|---|---|---|---|---|
| 1 | Jayesh Mahaja | Innovations 2022 & Xzibit 2022 | CSI Student Branch Of Sies Gst & Department Of EXTC,IT & Computer Engineering Of KC College | Winner |
| 2 | Nikhil Chavan | The Horcrux Hunt | ISA-Vesit | Runner Up |
| 3 | Sushil Kori | The Horcrux Hunt | ISA-Vesit | Runner Up |
| 4 | Rajesh Muni | Hardware Auction | ISA-Vesit | Runner Up |
| 5 | Freya Mota | Quiz On Python Programming | Sigma Institute Of Engineering | Participation |

- **Extra-curricular activities**

Participation in Intra College Competitions

| Sr.No. | Student Name | Event Name | Organizer | Achievement |
|---|---|---|---|---|
| 1 | Smriti Karn | Sphurti'22 | VESIT | Winner (Futsal) (Dodgeball |
| 2 | Anish Godse | Sphurti'22 | VESIT | Winner (Chess) |
| 3 | Kadambari Dalvi | Sphurti'22 | VESIT | Winner (Carrom) |

| | | | | |
|---|---|---|---|---|
| 4 | Isha Girathe | Sphurti'22 | VESIT | Winner (Futsal) (Dodgeball) |
| 5 | Sakshi Ganjewar | Sphurti'22 | VESIT | Runner Up (Fustal) |
| 6 | Riyansh Jain | Sphurti'22 | VESIT | Participation |

Participation in Inter College Competitions

- **Photos**

Industrial Visit HKS Impex Pvt. Ltd

Industrial Visit Pack-King Industry

# Report of How to write Technical paper

The Department of Electronics organized a seminar on **"How to write a technical paper based on Research and innovation?"** on 2nd March 2022. The seminar was conducted using virtual mode (Google Meet) for final year students.

This seminar was conducted in collaboration with VESIT IIC and VESIT IQAC. The main aim of the seminar was to motivate and encourage final year students to write technical paper and publish in conferences and journals.

Dr. Abhay Kshirsagar and Dr. P Birajdar delivered the seminar. Dr. Kshirsagar explained all aspects of technical paper writing covering topics like.

a. Paper structure/organisation
b. Importance of methodology
c. Result discussions
d. Choosing appropriate conference/journal

Dr. Kshirsagar also presented some examples explaining reasons for rejection of papers and discussed how to avoid such mistakes.

The session1 was concluded by answering all questions from participants.

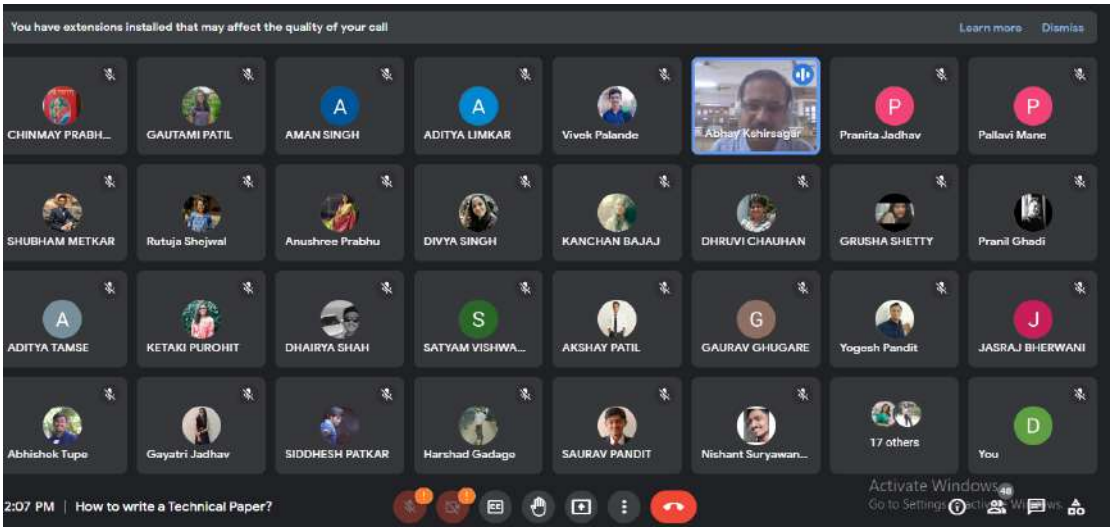
Session2 was conducted by Dr. Birajdar. He discussed various platforms where papers can be presented. He also explained those platforms and shared list of standard journals and upcoming conferences.

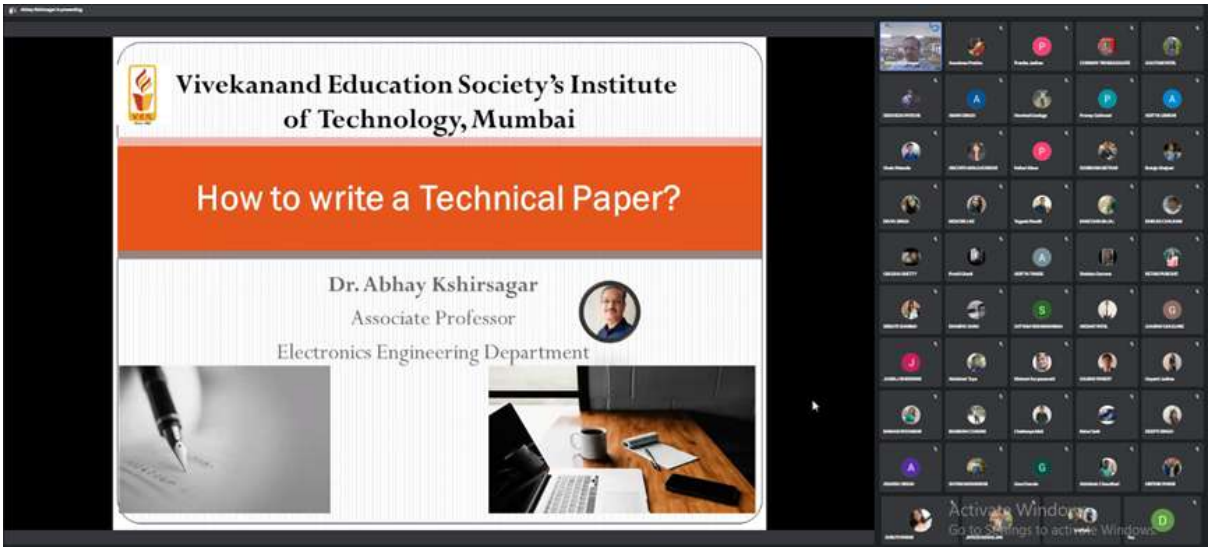
Dr. Birajdar also covered important points related to drafting paper using tools like Latex.

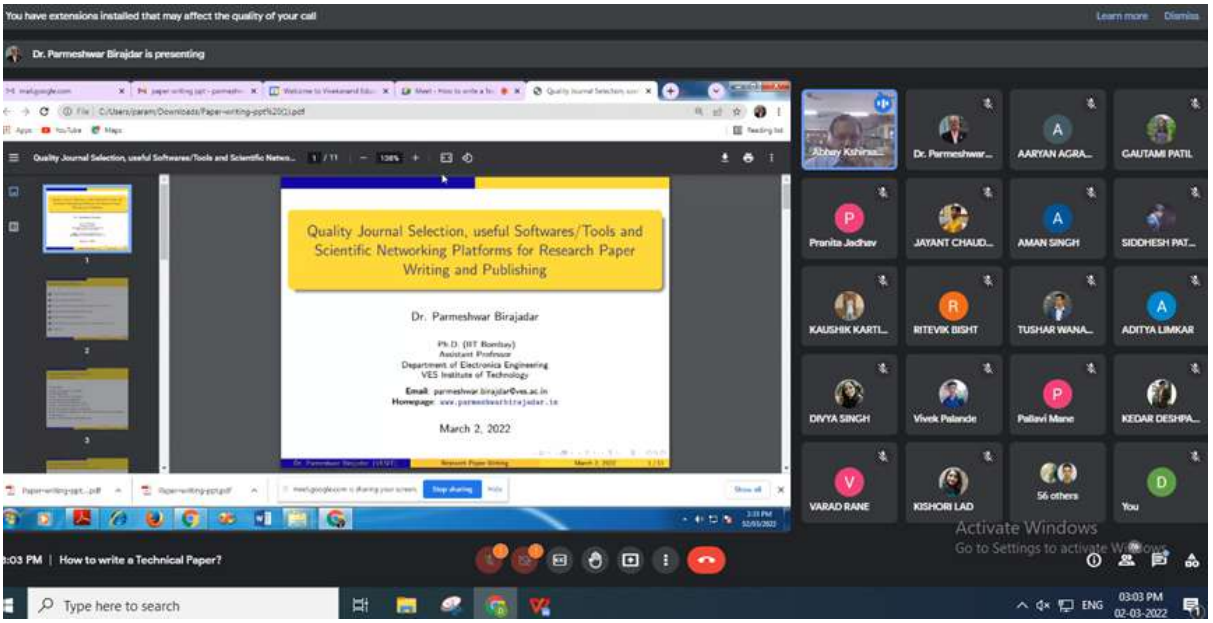
The seminar was attended by faculty members and around 80 final year students.

YouTube Link:https://youtu.be/mhL_zd8OGVM

**Screenshot of participants and content delivery:**






# Report on SCI-TECH FAIR 2022

The Department of Electronics Engineering, (VESIT) organized SCI-TECH FAIR, Project Exhibition of Third and Final Year Students Project on 20th April 2022 (Wednesday). Students exhibited innovative project ideas through this platform.

**Venue: Lab No. : 201, 202, 205, 206, 209, 215.**

Following faculty members co-ordinated the “SCI TECH FAIR ”

1.Dr. Abhay Kshirsagar

2. Mrs. Dipti Karani

3.Mr. Abhishek Chaudhari

The project exhibition started at 10:30 AM. The response was very good from participants. The projects were exhibited for Staff and Students from VESIT and had healthy discussions with them. HOD and Dy.HOD visited all the project groups and encouraged them. Participating project groups explained the design process and implementation challenges faced during the course of the project. The correct approaches and design solutions were discussed. Around 200+ students presented 60 Projects during the exhibition.

Vivekanand Education Society's Institute of Technology

Department of Electronics Engineering

Organizes

# SCI - TECH FAIR

## Project Exhibition

**Date : 20th April 2022** **Time : 10:00 am to 2:00pm**

**Venue: Lab 201, 202, 205, 206, 209 & 215**

**Co-ordinators**

Dr. Abhay Kshirsagar, Mrs. Dipti Karani,
Mr. Abhishek Chaudhari

Mrs. Kavita Tewari
HoD, Dept of Electronics

Mrs. Naveeta Kant
Deputy HoD, Dept of Electronics

Shri. B. L. Beslani
Managing Trustee, VES

Dr. (Mrs.) J. M. Nair
Principal,VESIT

Dr. (Mrs.) M. Vijayalakshmi
Vice Principal,VESIT

Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai – 400074. India

Following are the List of Projects with allotted Lab

LAB NUMBER 201

| Sr. No | Group Number | Title of Project |
|---|---|---|
| 1 | G16A 1 | Virtual Attendance |
| 2 | G16A 2 | RFID Based Inventory Tracking and Management System for Colleges |
| 3 | G16A 3 | Smart Gardening System |
| 4 | G16A 4 | Implementation of Image Enhancement Techniques |
| 5 | G16A 5 | Webapp for sign language communication |
| 6 | G16A 6 | Food Quality Estimation Device for Marketplace. |
| 7 | G16B 1 | Implementation of Image Classification using Convolutional Neural Networks model and Image processing |
| 8 | G16B 2 | Natural Disaster Management System |
| 9 | G16B 3 | Head of Multi Terrain Vehicle with Auto Navigation System |
| 10 | G16B 4 | Agriculture Field Monitoring and Irrigation Controlled with WebApp |
| 11 | G16B 5 | A child-friendly, user interactive web application designed for learning and promoting the Indian Sign language (ISL) |
| 12 | G16B 6 | Hospital management system |

LAB NUMBER 202

| Sr. No | Group Number | Title of Project |
|---|---|---|
| 1 | G16A 7 | IoT Based Fatal Disease Monitoring system |
| 2 | G16A 9 | Hospital Queuing-Recommender System and Predicting Patient Treatment Time |
| 3 | G16A 10 | SMART PARKING USING LORA |
| 4 | G16A 11 | Covid 19 Health Parameter Monitoring Entrance System |
| 5 | G16A 15 | PI DONOR |
| 6 | G16A 16 | Level 4 Industrial Automation for Small Scale Industries |

| | | |
|---|---|---|
| 7 | G16B 7 | Post covid canteen food ordering system using contactless card |
| 8 | G16B 9 | Compact Ventilator and IoT based health monitoring system |
| 9 | G16B 10 | Human body gesture-controlled games portal for implementation of social causes |
| 10 | G16B 11 | IoT based Bus Tracking and Crowd Monitoring System |
| 11 | G16B 15 | AI Desktop Virtual AssistanT |
| 12 | G16B 16 | Contact less Hand Sanitizer |

LAB NUMBER 206

| Sr. No | Group Number | Title of Project |
|---|---|---|
| 1 | G16A 8 | Product Recommendation System |
| 2 | G16A 12 | Agrocopter |
| 3 | G16A 13 | Embedded System based Firefighting Kit |
| 4 | G16A 14 | IOT BASED IMPLEMENTATION OF AIR MONITORING AND PURIFICATION SYSTEM |
| 5 | G16A 17 | Application of Digital Image Correlation |
| 6 | G16B 8 | Intelligent, Animal Attack Prevention System |
| 7 | G16B 12 | Smart Health Monitoring System |
| 8 | G16B 13 | Object Detection and Classification |
| 9 | G16B 14 | DESIGN AND IMPLEMENTATION OF WIRELESS CHARGER FOR ELECTRIC VEHICLE |
| 10 | G16B 17 | Automatic waste classifier using Machine Learning |

LAB NUMBER 205

| Sr. No | Group Number | Title of Project |
|---|---|---|
| 1 | G11A 1 | Automatic Hand Sanitizer Dispenser Using Arduino |
| 2 | G11A 2 | EVFinder App |
| 3 | G11A 3 | IoT Based Early Flood And Avoidance System |
| 4 | G11A 5 | Smart helmet |

| | | |
|---|---|---|
| 5 | G11A 9 | Password Based Door Lock System Using 8051 Microcontroller |
| 6 | G11B 7 | Image to speech processing using Raspberry Pi |
| 7 | G11B 8 | Designing an Op-Amp Circuit using Cadence Software |
| 8 | G11B 9 | Touchless Doorbell system using IR sensor |
| 9 | G11B 10 | Water Quality Monitoring using IOT |
| 10 | G11B 11 | Dynamic website for online grocery ordering |

LAB NUMBER 209

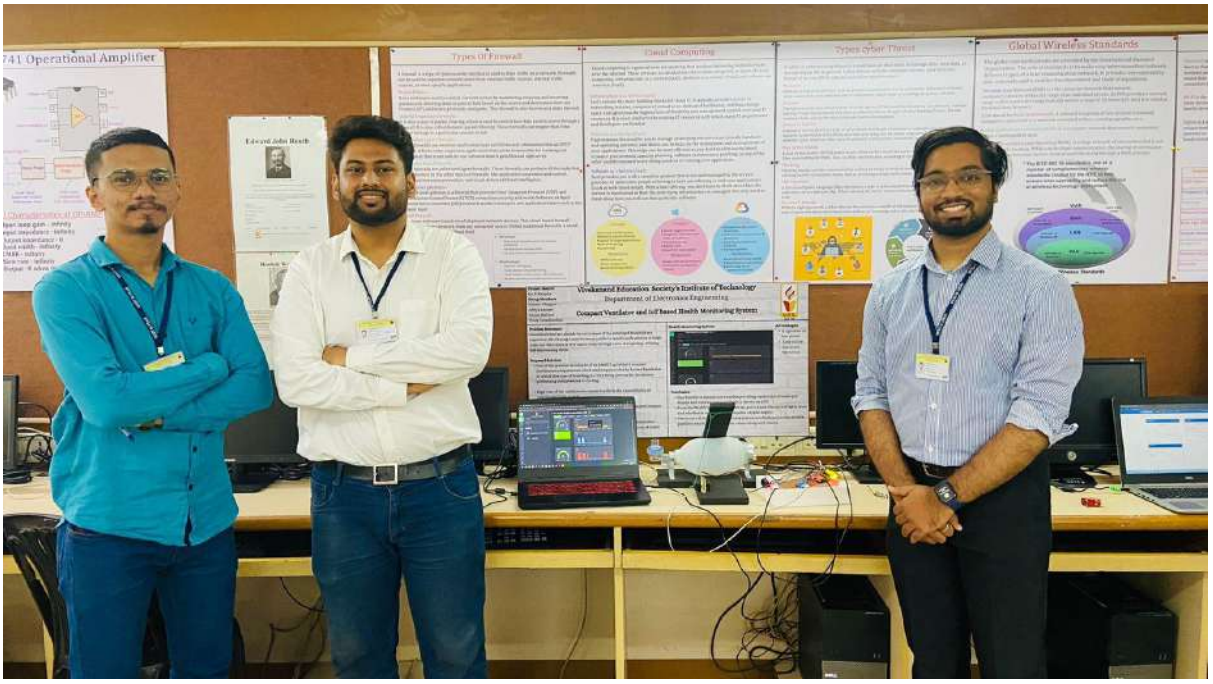
| Sr. No | Group Number | Title of Project |
|---|---|---|
| 1 | G11A 4 | IOT based Smart Parking System |
| 2 | G11A 6 | Automatic Waste Segregator |
| 3 | G11A 12 | REAL-TIME FACE RECOGNITION USING RASPBERRY PI |
| 4 | G11A 13 | Expense Tracking App |
| 5 | G11B 5 | Online bus reservation system |
| 6 | G11B 6 | EasyFood – Website |
| 7 | G11B 12 | IoT Based Patient Health Monitoring using ESP8266 & Arduino |
| 8 | G11B 13 | ML based Chatbot |

LAB NUMBER 215

| Sr. No | Group Number | Title of Project |
|---|---|---|
| 1 | G11A 7 | Car Reselling Price Prediction Using Machine Learning |
| 2 | G11A 8 | Reconfigurable Priority Encoder |
| 3 | G11A 10 | Self cleaning system for solar panels |
| 4 | G11A 11 | Ultrasonic Distance Measurement |
| 5 | G11B 1 | Noise pollution monitoring system |
| 6 | G11B 2 | IoT Based Patient Health Monitoring System. |
| 7 | G11B 3 | Rotark 2.0- control system |
| 8 | G11B 4 | Face mask detector with temperature scanner using arduino and esp32 cam. |

Third Year Students presenting a project to Faculty

Third Year Students presenting project to Faculty




Final Year Students presenting project

Third year students Explaining project to Junior Students

# Finishing school for Final year students

| Sr. No. | Date | Time | Topic | Resource Person | Class | Batch | Count | Mode of conduct |
|---|---|---|---|---|---|---|---|---|
| 1 | 14 Jan 2022 | 1:00-2:00 pm | Career in Core Electronics Domain | Mr. Hitesh Jetwani | TE D11A and D11 B | 2019-2023 | 103 | Online |
| 2 | 28 Jan 2022 | 4:00 pm onwards | Role of Placement Coordinator and its impact on career | Prof. A Nagananda, TPO, VESIT | TE D11A and D11 B | 2019-2023 | 107 | Online |
| 3 | 1 Feb 2022 | 4:00 pm onwards | Transactional Analysis | Prof. A Nagananda, TPO, VESIT | TE D11A and D11 B | 2019-2023 | 69 | Online |
| 4 | 8 March 2022 | 5:00 pm onwards | Mini Project - A Stepping Stone | Prof. A Nagananda, TPO, VESIT | DSE D6 | 2020-2024 | 12 | Offline |
| 5 | 22 March 2022 | 3:00 pm onwards | Eligibility, Employability and Resume building | Prof. A Nagananda, TPO, VESIT | DSE D6 | 2020-2024 | 14 | Offline |

# Vivekanand Education Society's Institute of Technology
## Department of Computer Engineering

## Academic Year 2021-2022 (EVEN SEM)
## Department Report (From 1st January 2022 to 20th April 2022)

| | | | |
|---|---|---|---|
| **1** | **Faculty Contributions** | | |
| | **1.1** | Workshops/Courses Conducted by faculties | |
| | **1.2** | Workshops/Courses Organized by faculties | |
| | **1.3** | Courses Attended by faculty | |
| | | 1.3.1 Courses Attended by faculty<br>1.3.2 Orientation Programs Attended by faculty | |
| | **1.4** | Skill Development Activities | |
| | | 1.4.1 | Certification Exams |
| | | | 1.4.1.1 NPTEL Certifications |
| | | | 1.4.1.2 Coursera |
| | **1.5** | Research Forum Activities | |
| | | 1.5.1 | Research Grants<br>1.5.1.1 Major Research Grants<br>1.5.1.2 Minor Research Grants |
| | | 1.5.2 | Research Papers Published |
| | | 1.5.3 | Expert Talks |
| | **1.6** | Interaction with outside world | |
| | | 1.6.1 Paper Setting | |
| | **1.7** | Societal Activities under Unnat Bharat Abhiyan | |

| | | | |
|---|---|---|---|
| | **1.8** | Accomplishments | |
| **2** | **Student Portfolio** | | |
| | **2.1** | Student Achievements | |
| | | 2.1.1 | Academic Excellence |
| | | 2.1.2 | Placement Activities |
| | | 2.1.3 | Higher Studies |
| | | 2.1.4 | Competitive Exams |
| | 2.2 | Skill Development Activities | |
| | | 2.2.1 | NPTEL |
| | | 2.2.2 | Skill Enhancement Lectures (SEL) |
| | | 2.2.3 | Certification Programs |
| | | 2.2.4 | Gate Preparation Course 21-22 |
| | **2.3** | Tinkerers' Lab : Code Cell Activities | |
| | | 2.3.1 | Flutter Workshop (Value Added Course) |
| | | 2.3.2 | Chai API Charcha : Workshop and API Development Competition |
| | **2.4** | Project Innovations / Competitions | |
| | | 2.4.1 | VISAI 2022 |
| | | 2.4.2 | CIIA 2022 |
| | | 2.4.3 | SIH 2022: Internal Hackathon |
| | | 2.4.4 | LBS Championship |
| | | 2.4.5 | Department Technology Day : Pradarshan 2022 |
| | | 2.4.6 | Tech4Good -2022 |
| | **2.5** | Industry Projects | |
| | **2.6** | Industry Visits | |

| | | | |
|---|---|---|---|
| | **2.7** | Co-curricular activities | |
| | | 2.7.1 | Participation in Inter College Competitions |
| | | 2.7.2 | Participation in Intra College Competitions |
| | **2.8** | ExtraCurricular Activities | |
| | | 2.8.1 | Participation in Inter College Competitions |
| | | 2.8.2 | Participation in Intra College Competitions |
| | **2.9** | Internships | |
| | **2.10** | Scholarships Applied / Received | |
| | **2.11** | Awards/ Achievements | |

# Vivekanand Education Society's Institute of Technology
# Department of Computer Engineering

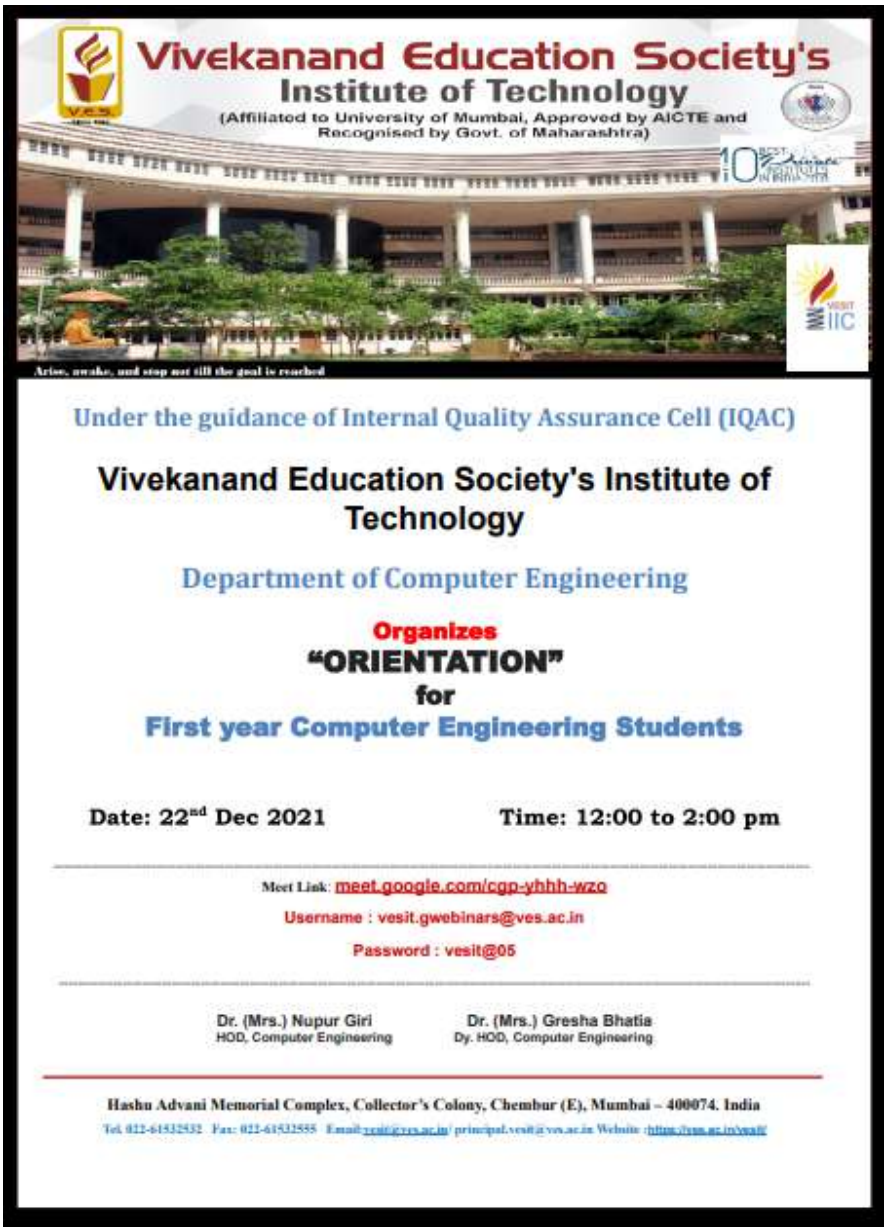
## Academic Year 2021-2022 (EVEN SEM)
## Department Report (From 1st January 2022 to 20th April 2022)

Various activities conducted in the Department of Computer Engineering in the academic year 2021-22 during 1st January 2022 to April 2022 have been categorized as mentioned below:

## 1 Faculty Contributions

### 1.1 Workshops/Courses Conducted by faculties

| Sr. No. | Conducted By | Course description | Organized by | From Date | To Date |
|---|---|---|---|---|---|
| 1 | Dr. Sharmila Sengupta | First year orientation 2022 | VESIT CMPN Dept | 22/12/2021 | 22/12/2021 |
| 2 | Mrs.Priya R L | Webinar on "AI in Healthcare" | Department of Information Technology, Bannari Amman Institute of Technology, Tamil Nadu | 1/02/2022 | 1/02/20222 |

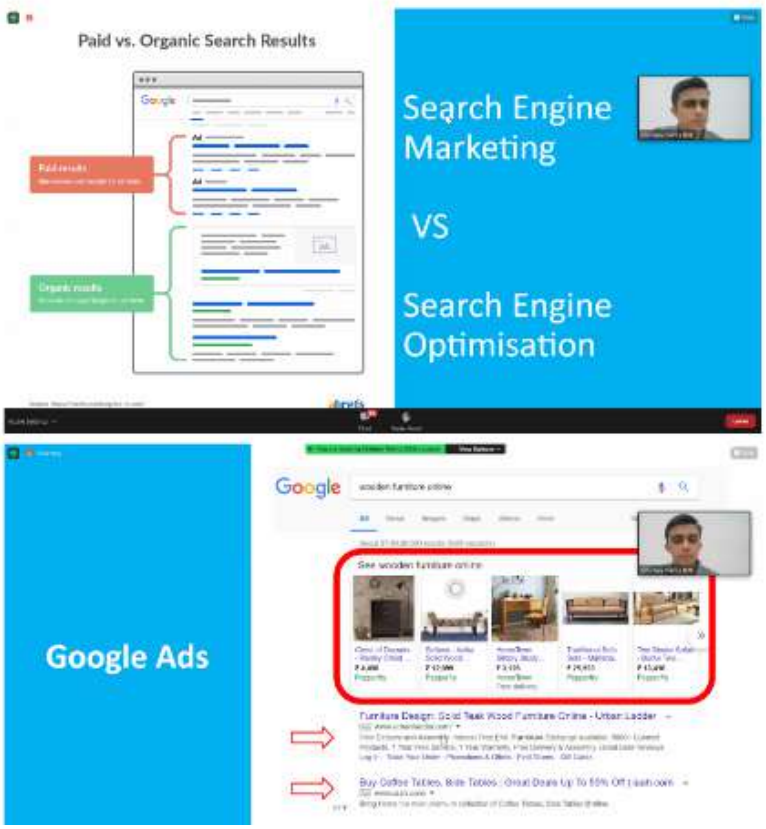


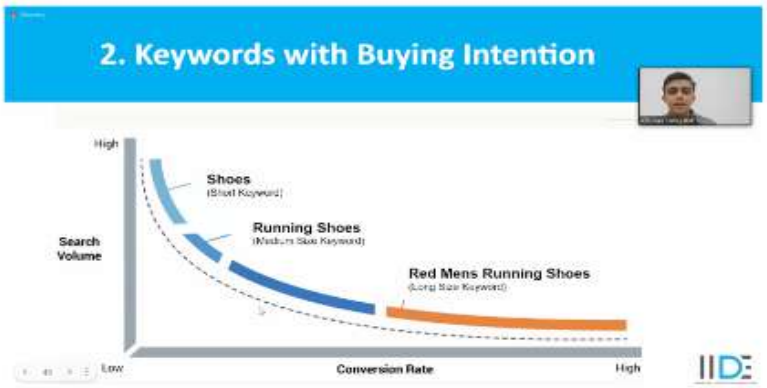

**Event Poster: Orientation for FE CMPN Students**

**Token of Appreciation : Mrs.Priya R L**

| | | |
|---|---|---|
| | **1.2** | **Workshops/Courses Organized by faculties**<br><br>**1.2.1 Workshops/Courses Organized by faculties** |

| Sr. No. | Faculty | Course description | Organized by | From Date | To Date |
|---|---|---|---|---|---|
| 1 | Dr. Gresha Bhatia | IIDEs Online Webinar - Digital Marketing, Conducted by Chintan Mehta, Strategic Alliances Associate | VESIT, Dept of CMPN | 01/02/2022 | 01/02/2022 |
| 2 | Mrs. Indu Dokare | IIDEs Online Webinar - Digital Marketing, Conducted by Chintan | VESIT, Dept of CMPN | 01/02/2022 | 01/02/2022 |





**1.3 Courses Attended by faculty**

### 1.3.1 Courses Attended by faculty

| Sr. No. | Attended By | Course description | Organized by | From Date | To Date | No. of days |
|---|---|---|---|---|---|---|
| 1 | Dr. Gresha Bhatia | E-Session on Problem solving and Ideation | VESIT IIC | 02/02/2022 | 02/02/2022 | 1 |
| 2 | Dr. Gresha Bhatia | E-Session on “Process of Innovation Development” | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 15/01/2022 | 15/01/2022 | 1 |

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| 3 | Dr. Gresha Bhatia | E-Session on Entrepreneurship as a Career | Department of Master of Computer Applications(MCA) under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 04/01/2022 | 04/01/2022 | 1 |
| 4 | Dr. Gresha Bhatia | Research Talk on Fauda / Jugaad: Online Teaching Pedagogy | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 09/02/2022 | 09/02/2022 | 1 |
| 5 | Dr. Sharmila Sengupta | Pre and main event of Turnip Innovation festival | Turnip Innovations | 22/01/2022 | 22/01/2022 | 1 |
| 6 | Dr. Sharmila Sengupta | Towards vibrant innovation ecosystem | CMPN-VESIT-VRC | 20/03/2022 | 20/03/2022 | 1 |
| 7 | Dr. Sharmila Sengupta | National Intellectual Property Awareness Mission (NIPAM) | Office of Controller General of Patents, Designs and Trade Marks, Govt. of India | 23/02/2022 | 23/02/2022 | 1 |
| 8 | Dr. Sharmila Sengupta | Innovative Approach towards Entity Resolution : who's who and why is it important? Mr. Raj Muralidharan, MS in Applied Mathematics and a MS in Computer Science from NJIT | VESIT CMPN IIC Research forum | 22/02/2022 | 22/02/2022 | 1 |

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|---|---|---|---|---|---|---|
| 9 | Dr. Sharmila Sengupta | Process of innovation developmentMs. SWETAPADMA MOHANTY, Founder & CEO, Business Leadership League | VESIT CMPN IIC | 15/01/2022 | 15/01/2022 | 1 |
| 10 | Dr. Sharmila Sengupta | Fauda/ Jugaad : Online Teaching Pedagogy,Dr. Kumar Mani,<br><br>S, MS, MBA from Columbia University, NY \| Chief Investment Officer at a Hedge Fund<br>Professor of Practice at NJIT | VESIT CMPN IIC Research forum | 09/02/2022 | 09/02/2022 | 1 |
| 11 | Dr. Sharmila Sengupta | Live Masterclass on Digital Marketing Innovation and Creativity Session | IIDE | 01/02/2022 | 01/02/2022 | 1 |
| 12 | Dr.Dashrath Mane | “Fauda / Jugaad: Online Teaching Pedagogy” | Department of Computer Engineering,VESIT in association with VESIT IQAC | 09/02/2022 | 09/02/2022 | 1 |
| 13 | Dr.Dashrath Mane | "Entrepreneurship Awareness Camp" sponsored by EDI-I Ahmedabad under DST-NIMAT project 20219-20 | Maharashtra Centre for Entrepreneurship Development, Mumbai in Collaboration with VESIT | 14/03/2022 | 14/03/2022 | 1 |
| 14 | Dr.Dashrath Mane | Research Talk on "Innovative Approach towards Entity Resolution : who's who and why is it important?" | Department of Computer Engineering,VESIT in association with VESIT IQAC | 22/02/2022 | 22/02/2022 | 1 |

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| 15 | Mrs. Vidya zope | Research Talk on “Fauda / Jugaad: Online Teaching Pedagogy” | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 09/02/2022 | 09/02/2022 | 1 |
| 16 | Mrs. Vidya zope | “Innovative Approach towards Entity Resolution : who's who and why is it important?” | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 22/02/2022 | 22/02/2022 | 1 |
| 17 | Mrs. Vidya zope | E Session on “ Process of Innovation Development | In association with VESIT IIC and VESIT-IQAC | 15/01/2022 | 15/01/2022 | 1 |
| 18 | Mrs. Indu Dokare | Research Talk on Fauda / Jugaad: Online Teaching Pedagogy | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 09/02/2022 | 09/02/2022 | 1 |
| 19 | Mrs. Indu Dokare | Skill Enhancement Lecture (SEL) on Digital Marketing | IIDE | 01/02/2022 | 01/02/2022 | 1 |
| 20 | Mrs. Indu Dokare | Research Talk on “Innovative Approach towards Entity Resolution : who's who and why is it important?” | CMPN, VESIT Research Forum | 22/02/2022 | 22/02/2022 | 1 |
| 21 | Mrs. Indu Dokare | National IP awareness mission program | VESIT and IP Office, India | 23/02/2022 | 23/02/2022 | 1 |

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|---|---|---|---|---|---|---|
| 22 | Mrs. Priya R L | FDP on "Inculcating Universal Human Values in Technical Education" | AICTE | 03/01/2022 | 07/01/2022 | 5 |
| 23 | Mrs. Priya R L | ISTE approved SF-STTP / FDP on "Data Science using Python" | TSEC, Bandra, Mumbai | 03/01/2022 | 07/01/2022 | 5 |
| 24 | Mrs. Priya R L | Research Talk on “Fauda / Jugaad: Online Teaching Pedagogy” | VESIT, Mumbai | 09/02/2022 | 09/02/2022 | 1 |
| 25 | Mrs. Priya R L | E-Session on “Process of Innovation Development” | VESIT, Mumbai | 15/01/2022 | 15/01/2022 | 1 |
| 26 | Mrs. Priya R L | Research Talk on “Innovative Approach towards Entity Resolution : who's who and why is it important?” | VESIT, Mumbai | 22/02/2022 | 22/02/2022 | 1 |
| 27 | Mrs. Priya R L | IIDE's Online Webinar on "Digital Marketing" | IIDE School | 01/02/2022 | 01/02/2022 | 1 |
| 28 | Mrs. Lifna C S | National Intellectual Property Awareness Mission (NIPAM) | Office of Controller General of Patents, Designs and Trade Marks, Govt. of India | 23/02/2022 | 23/02/2022 | 1 |
| 29 | Mrs. Lifna C S | “Innovative Approach towards Entity Resolution : who's who and why is it important?” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 22/02/2022 | 22/02/2022 | 1 |

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| 30 | Mrs. Lifna C S | Innovation & Creativity session | Vivekanand Education Society's Institute of Technology In association with VESIT IQAC and IIC | 13/01/2022 | 13/01/2022 | 1 |
| 31 | Mrs. Lifna C S | "Machine Learning with Python" | one week AICTE-ISTE Sponsored Induction/Refresher Programme | 05/01/2022 | 11/01/2022 | 6 |
| 32 | Mrs. Lifna C S | Research Talk on "Fauda / Jugaad: Online Teaching Pedagogy" | VESIT, Mumbai | 09/02/2022 | 09/02/2022 | 1 |
| 33 | Mrs. Abha Tewari | Research Talk on "Fauda / Jugaad: Online Teaching Pedagogy" | VESIT, Mumbai | 09/02/2022 | 09/02/2022 | 1 |
| 34 | Mrs. Abha Tewari | Attended "Innovation & Creativity session" | VESIT, Mumbai | 13/01/2022 | 13/01/2022 | 1 |
| 35 | Mrs. Abha Tewari | Research Talk on "Innovative Approach towards Entity Resolution : who's who and why is it important?" | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 22/02/2022 | 22/02/2022 | 1 |
| 36 | Mrs. Abha Tewari | E-Session on Sustainable development goals | Sort-VESIT and VRC in association with VESIT IIC | 10/01/2022 | 10/01/2022 | 1 |
| 37 | Mrs. Abha Tewari | Webinar- Towards Vibrant innovation ecosystem | VRC in association with VESIT IIC | 20/03/2022 | 20/03/2022 | 1 |
| 38 | Mrs. Abha Tewari | Research Forum talk on ""Deep Learning Architectures and Applications" | Research Forum VESIT In association with Department of Information | 05/03/2022 | 05/03/2022 | 1 |

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| 39 | Mrs. Abha Tewari | E-Session on “Process of Innovation Development” | Department of Computer Engineering in Association with VESIT-IIC and VESIT-IQAC, | 15/01/2022 | 15/01/2022 | 1 |
| 40 | Mrs .Pallavi Gangurde | Research Talk on Fauda / Jugaad: Online Teaching Pedagogy | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 09/02/2022 | 09/02/2022 | 1 |
| 41 | Mrs. Nusrat Ansari | Research Forum Talk On"Deep Learning Architectures and Applications" | Research Forum VESIT In association with Department of Information Technology (INFT) | 05/03/2022 | 05/03/2022 | 1 |
| 42 | Mrs. Nusrat Ansari | Research Talk on “Innovative Approach towards Entity Resolution : who's who and why is it important?” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 22/02/2022 | 22/02/2022 | 1 |
| 43 | Mrs. Nusrat Ansari | Innovation & Creativity session | Vivekanand Education Society’s Institute of Technology, In association with VESIT IQAC and IIC | 13/01/2022 | 13/01/2022 | 1 |
| 44 | Mrs. Nusrat Ansari | Research Talk on Fauda / Jugaad: Online Teaching Pedagogy | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, | 09/02/2022 | 09/02/2022 | 1 |

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| | | | in association with VESIT-IIC," | | | |
| 45 | Mrs. Nusrat Ansari | Skill Enhancement Lecture (SEL) on Digital Marketing | IIDE | 01/02/2022 | 01/02/2022 | 1 |
| 46 | Mrs.Sujata Khandaskar | E-Session on “Process of Innovation Development” | Vivekanand Education Society’s Institute of Technology, In association with VESIT IQAC and IIC | 15/01/2022 | 15/01/2022 | 1 |
| 47 | Mrs.Sujata Khandaskar | Innovation & Creativity session | Vivekanand Education Society’s Institute of Technology, In association with VESIT IQAC and IIC | 13/01/2022 | 13/01/2022 | 1 |
| 48 | Mrs.Sujata Khandaskar | Research Talk on “Innovative Approach towards Entity Resolution : who's who and why is it important?” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 22/02/2022 | 22/02/2022 | 1 |
| 49 | Mrs.Pallavi Saindane | E-Session on “Process of Innovation Development” | Department of Computer Engineering in Association with VESIT-IIC and VESIT-IQAC, | 15/01/2022 | 15/01/2022 | 1 |
| 50 | Mrs.Pallavi Saindane | FDP on Web X.0 | Department of Information Technology, Xavier Institute of Engineering on behalf of University of Mumbai | 03/01/2022 | 08/01/2022 | 5 |

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| 51 | Mrs.Veena Trivedi | Research Talk on “Innovative Approach towards Entity Resolution : who's who and why is it important?” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 22/02/2022 | 22/02/2022 | 1 |
| 52 | Mrs.veena Trivedi | Research Talk on “Fauda / Jugaad: Online Teaching Pedagogy” | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 09/02/2022 | 09/02/2022 | 1 |
| 53 | Mrs.Veena Trivedi | Research Talk on “Innovative Approach towards Entity Resolution : who's who and why is it important?” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 22/02/2022 | 22/02/2022 | 1 |
| 54 | Mrs.Manisha Mathur | E-Session on “Process of Innovation Development” | Department of Computer Engineering in Association with VESIT-IIC and VESIT-IQAC, | 15/01/2022 | 15/01/2022 | 1 |
| 55 | Mrs.Manisha Mathur | Innovation & Creativity session | Vivekanand Education Society’s Institute of Technology | 13/01/2022 | 13/01/2022 | 1 |
| 56 | Mrs.Manisha Mathur | Research Talk on “Fauda / Jugaad: Online Teaching Pedagogy” | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, | 09/02/2022 | 09/02/2022 | 1 |

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| | | | in association with VESIT-IIC," | | | |
| 57 | Mr. Satish Ranbhise | E-Session on “Process of Innovation Development” | In association with VESIT IQAC and IIC | 15/01/2022 | 15/01/2022 | 1 |
| 58 | Mr. Satish Ranbhise | Research Talk on “Fauda / Jugaad: Online Teaching Pedagogy” | "Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC," | 09/02/2022 | 09/02/2022 | 1 |
| 59 | Mr. Satish Ranbhise | Webinar on 3D printer | Bhartiya vidya bhavans (SPIT) | 29/01/2022 | 29/01/2022 | 1 |

### 1.3.2 Orientation Programs Attended by faculties

| Sr. No. | Name of Faculty | Subject Name | Organized by | Month & Year |
|---|---|---|---|---|
| 1 | Dr. Sharmila Sengupta | FOP on mobile computing theory and Lab. | MGM College of Engineering and Technology, Navi Mumbai | 11/01/2022 |
| 2 | Dr. Sharmila Sengupta | FOP on Artificial Intelligence | Atharva college of Engineering | 10/01/2022 |
| 3 | Vidya Zope | Online Faculty Orientation Program on CSDO701/ Natural language Processing and CSL703/ Department Level Optional Course 3 Lab (NLP Lab) /SEM-VII/Computer Engineering | Convener: Dr.Varsha Patil, SIES Graduate School of Technology<br>Co-Convener: Dr.Shreya Patankar, Datta Meghe COE,<br><br>Prof. Pradnya Sawant,, St. Francis Institute of Technology | 15/03/2022 |
| 4 | Indu Dokare | Internet of Things (IoT) | Vidyavardhini’s College of Engineering and Technology, Vasai. | 07/01/2022 |
| 5 | Indu Dokare | Mobile Computing Theory and Lab | MGM College of Engineering and Technology, | 11/01/2022 |

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| | | | Navi Mumbai | |
| 6 | Mrs. Priya R L | Online Faculty Orientation Program on System Programming and Compiler Construction (CSC601) System Programming & Compiler Construction Lab(CSL 601),of T.E./SEM-VI/Computer Engineering | Department of Computer Engineering, on behalf of University of Mumbai | 15/01/2022 |
| 7 | Mrs. Priya R L | Orientation Program on “Artificial Intelligence and Artificial Intelligence Lab” | Atharva College of Engineering,Mumbai | 10/01/2022 |
| 8 | Mrs. Lifna C S | Orientation on "“Artificial Intelligence and Artificial Intelligence Lab” | Atharva College of Engineering, Mumbai | 10/01/2022 |
| 9 | Mrs.Abha Tewari | Orientation on "“Artificial Intelligence and Artificial Intelligence Lab” | Atharva College of Engineering, Mumbai | 10/01/ 2022 |
| 10 | Mrs. Pallavi Gangurde | Mobile Computing Theory and Lab | MGMCET, Kamothe, Navi Mumbai | 11/01/2022 |
| 11 | Mrs. Nusrat Ansari | orientation program for the course of “Mini-Project 2B :FPGA BASED Project (ECM601)” | “VES Institute of Technology, Chembur Mumbai” on behalf of University of Mumbai on . | 15/01/ 2022 |
| 12 | Mrs. Pallavi Saindane | Orientation Program for the Subject ITC602:Web X.0 and ITL602: Wen Lab of revised syllabus of SEm VI of T.E. IT Rev 2019 'C' Scheme | Department of Information Technology, Xavier Institute of Engineering on behalf of University of Mumbai | 06/01/2022 |

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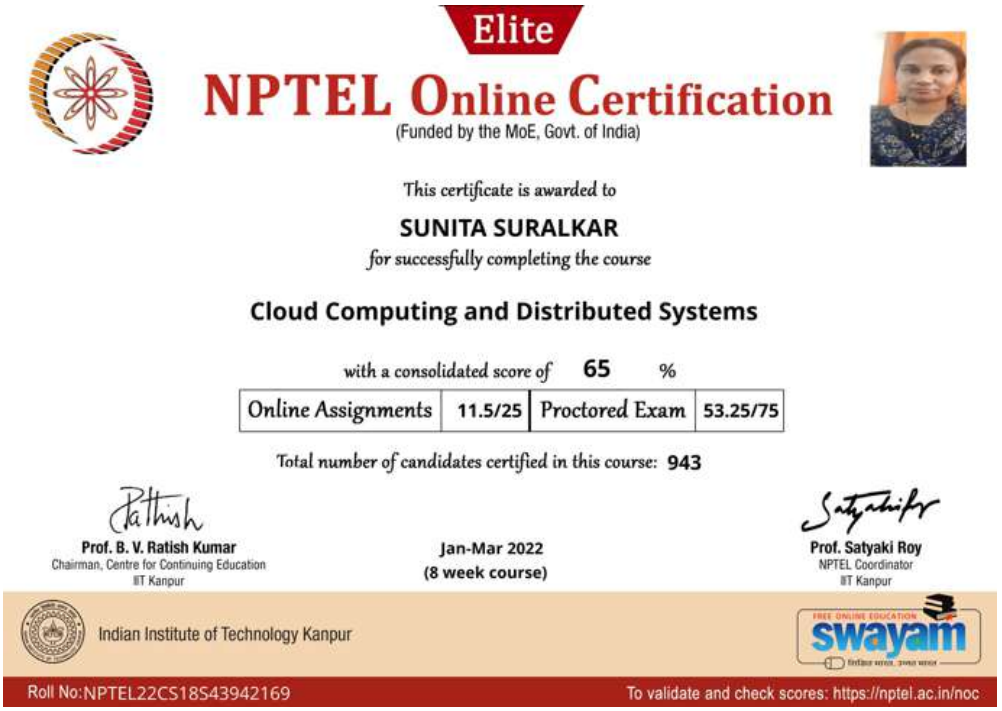
| 13 | Mrs. Pallavi Saindane | Online Faculty Orientation Program on System Programming and Compiler Construction (CSC601) & System Programming & Compiler Construction Lab(CSL 601),of T.E./SEM-VI/Computer Engineering | Department of Computer Engineering, on behalf of University of Mumbai | 15/01/2022 |
| 14 | Mr. Richard Joseph | Cloud Computing | Thadomal Shahani Engineering College | 08/01/2022 |
| 15 | Mrs.veena trivedi | Orientation Program for the Subject CSC602 and CSL602: Cryptography and System Security and CSS Lab Orientation Program for the Subject of SEm VI of T.E. IT Rev 2019 'C' Scheme | Vidyalankar Institute of TEchnology | 12/01/2022 |
| 16 | Mrs. Prerna Solanke | Cloud Computing | Thadomal Shahani Engineering College | 08/01/2022 |
| 17 | Mrs. Manisha Mathur | FOP on Artificial Intelligence | Atharva college of Engineering | 10/01/2022 |
| 18 | Mrs. Manisha Mathur | FOP on mobile computing theory and Lab. | Department of Computer Engineering, MGMCET, Kamothe, Navi | 11/01/2022 |

## 1.4 Skill Development Activities

### 1.4.1 Certification Exams

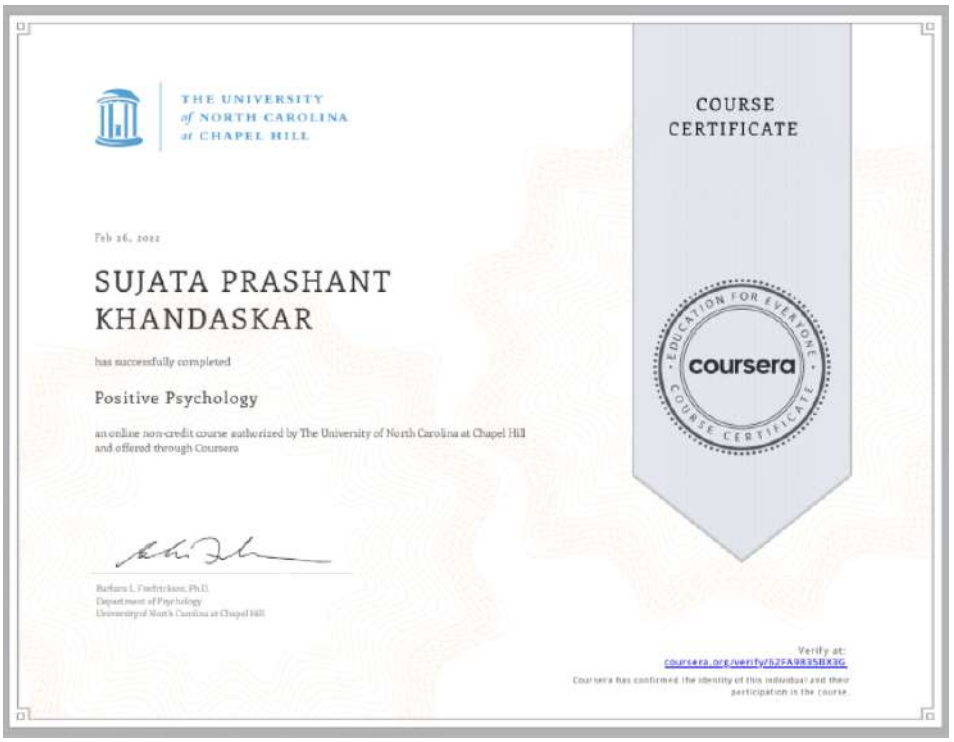
#### 1.4.1.1 NPTEL Certifications

| Name of Faculty | Certification | Course Description | Organized By | Period | Score |
|---|---|---|---|---|---|
| Mrs. Sunita Suralkar | NPTEL - Cloud Computing and Distributed Systems | NPTEL - Cloud Computing and Distributed Systems | NPTEL, IIT Kanpur | 8 weeks | 65% |




### 1.4.1.2 Coursera

| Name of Faculty | Certification | Course Description | Organized By | Period | Score |
|---|---|---|---|---|---|
| Sujata Khandaskar | Coursera | Positive Psychology. | The University of North Carolina at Chapel Hill and Coursera | 6 weeks | 100 % |



THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

COURSE CERTIFICATE

Feb 26, 2022

SUJATA PRASHANT KHANDASKAR

has successfully completed

Positive Psychology

an online non-credit course authorized by The University of North Carolina at Chapel Hill and offered through Coursera

coursera

EDUCATION FOR EVERYONE · COURSE CERTIFICATE

Verify at: coursera.org/verify/6ZFA9835BX3G

Coursera has confirmed the identity of this individual and their participation in the course.

**1.5 Research Forum Activities**

1.5.1 **Research Grants (In Continuation)**

**1.5.1.1 Major Research Grants**

| Sr. No | Name of the faculty | Project Title | Organization & Grant | SanctionedAmount |
|---|---|---|---|---|
| 1 | Dr. Nupur Giri | Climate, Air Pollution and Forest Fires : AI based models for Indian case study. | Microsoft AI for Earth Compute Grant | $5,000 |
| 2 | Dr. Sharmila Sengupta | “AI based statistical analysis of pollution due to land and ocean plastic waste in India“ | Microsoft AI for Earth Compute Grant | $15,000 |
| 3 | Mrs. Priya R L | “AI based statistical analysis of pollution due to land and ocean | Microsoft AI for Earth Compute Grant | $15,000 |

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| | | plastic waste in India“ | | |
| 4 | Mrs. Sunita Sahu | Forecasting of Carbon Emissions due to Meat Industry | Microsoft AI for Earth Compute Grant | $15,000 |
| 5 | Mrs. Richa Sharma | Forecasting of Carbon Emissions due to Meat Industry | Microsoft AI for Earth Compute Grant | $15,000 |

### 1.5.1.2 Minor Research Grants

| Sr. No | Name of Faculty | Title of Project | Amount | Sanctioning Organization |
|---|---|---|---|---|
| 1 | Mrs. Sharmila Sengupta | Sahara: A stanchion for the blind | 30,000 | University of Mumbai |
| 2 | Mrs.Vidya Zope | Trail-Tracker: Anti Poaching Intelligence using AI and IoT | 10,000 | University of Mumbai |
| 3 | Mrs. Lifna C S | Coreveillance- Making our world a “SAFER” Place | 15,000 | University of Mumbai |
| 4 | Mrs. Abha Tewari | Food to People: A Blockchain Solution | 25,000 | University of Mumbai |
| 5 | Mrs Nusrat Ansari | Cost effective electronic limbs | 45,000 | University of Mumbai |
| 6 | Mrs. Kajal Jewani Mr. Richard Joseph | FireMan Helper | 15,000 | University of Mumbai |

1.5.2 **Research Papers Published**

1. Mate, Y., Potdar, A., Priya, R.L. (2022). Ensemble Methods with Bidirectional Feature Elimination for Prediction and Analysis of Employee Attrition Rate During COVID-19 Pandemic. In: Raje, R.R., Hussain, F., Kannan, R.J. (eds) Artificial Intelligence and Technologies. Lecture Notes in Electrical Engineering, vol 806. Springer, Singapore.

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|---|---|---|---|
| | | | 2. Geocey Shejy, "Data Privacy and Security in Social Networks" in Principles of Social Networking, Book Series: Smart Innovation, Systems and Technologies, Print ISBN: 978-981-16-3397-3 Electronic ISBN: 978-981-16-3398-0<br>3. Gurnani, P., Hariani, D., Kalani, K., Mirchandani, P., CS, L. (2022). Inventory Optimization Using Machine Learning Algorithms. In: Jacob, I.J., Kolandapalayam Shanmugam, S., Bestak, R. (eds) Data Intelligence and Cognitive Informatics. Algorithms for Intelligent Systems. Springer, Singapore.<br>4. Ubiquitous Platform for classifying Chest diseases using Chest XRay, Karan Idnani, Mohit Khiani, Sourav Mantri, Sahil Rajpal, Mrs. Lifna CS, International Journal of Engineering Research and Applications, www.ijera.com ISSN: 2248-9622, pp. 01-04<br>5. Deppy: Your Virtual Companion. Matlani, R., Dadlani, R., Dumbre, S., Mishra, S., Saindane, P. (2022). In: Jacob, I.J., Kolandapalayam Shanmugam, S., Bestak, R. (eds) Data Intelligence and Cognitive Informatics. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-16-6460-1_37, Print ISBN 978-981-16-6459-5, Online ISBN 978-981-16-6460-1, January 2022<br>6. Moelleux—Music Recommendation System, Budhani, S., Kataria, R., Nagdev, M., Niranjani, S., Saindane, P. (2022). In: Jacob, I.J., Kolandapalayam Shanmugam, S., Bestak, R. (eds) Data Intelligence and Cognitive Informatics. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-16-6460-1_34, Print ISBN 978-981-16-6459-5, Online ISBN 978-981-16-6460-1, January 2022 |
| | | 1.5.3<br><br>1.5.3.1 | **Expert Talk**<br><br>In Association with VESIT-IIC and VESIT-IQAC, the Department of Computer Engineering **organized** an E-Session on “Process of Innovation Development”. by Guest Speaker: Ms. Swetapadma Mohanty, Founder & CEO, Business Leadership League on 15th January 2022. |

**Event Poster**

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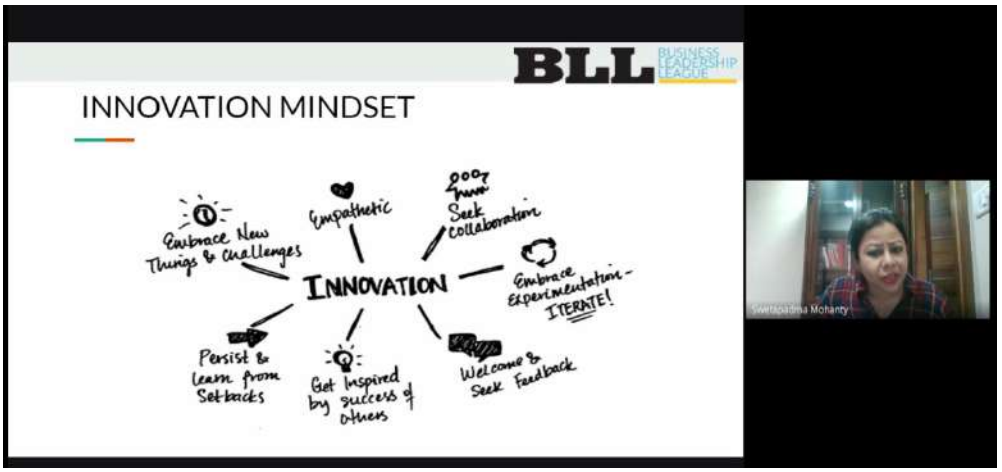
| | | |  <br>***Speaker addressing the participants about the Innovation Mindset*** |
| | | 1.5.3.2 | Department of Computer Engineering - VESIT, in association with VESIT - IQAC and VESIT - IIC - VESIT arranged a Research Forum Talk on Fauda / Jugaad: Online Teaching Pedagogy for Faculties, Research Scholars and Students. On 9th February 2022 by Speaker : Dr. Kumar Mani, BS, MS, MBA from Columbia University, NY \| Chief Investment Officer at a Hedge Fund Professor of Practice at NJIT |

**Event Poster**

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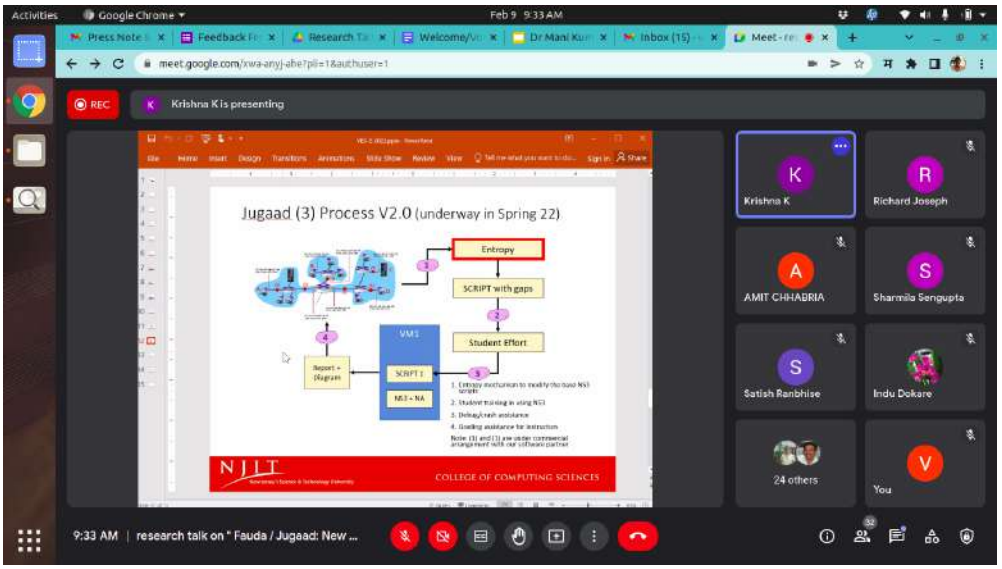
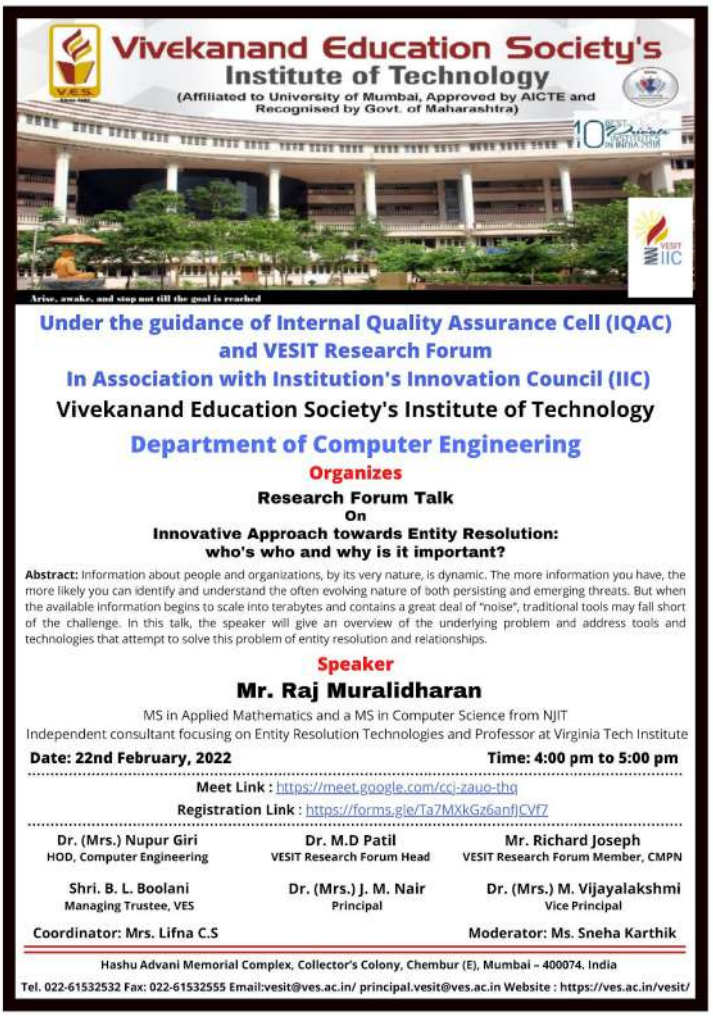
| | | |  <br>**Meet Snapshot** |
| | | 1.5.3.3 | Department of Computer Engineering - VESIT, in association with VESIT - IQAC and VESIT - IIC - VESIT arranged a Research Forum Talk on "Innovative Approach towards Entity Resolution : who's who and why is it important?" for Faculties, Research Scholars and Students. on 22nd February 2022 by Speaker : Mr. Raj Muralidharan, MS in Applied Mathematics and a MS in Computer Science from NJIT, Independent consultant focusing on Entity Resolution Technologies and Professor at Virginia Tech Institute |




**Event Poster**

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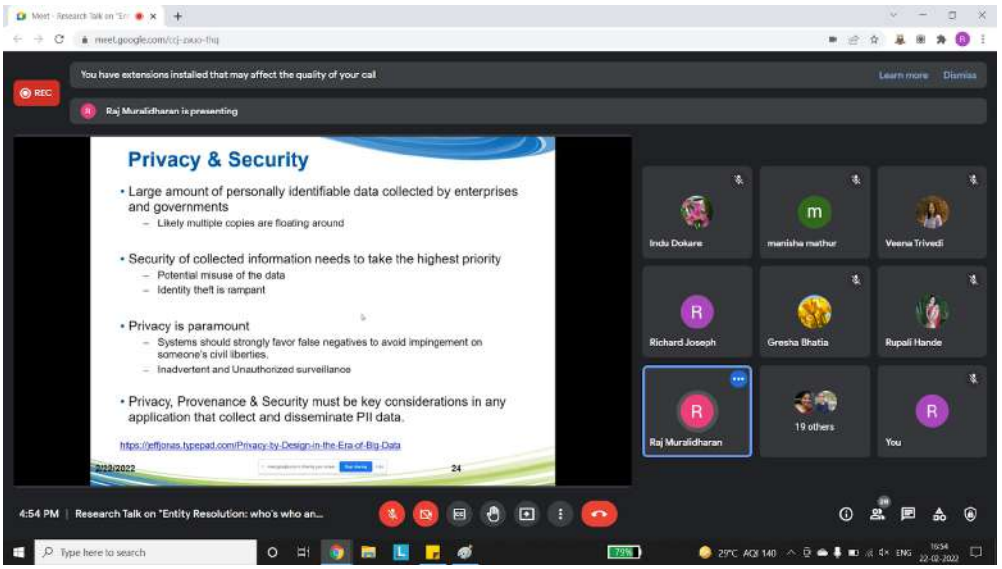
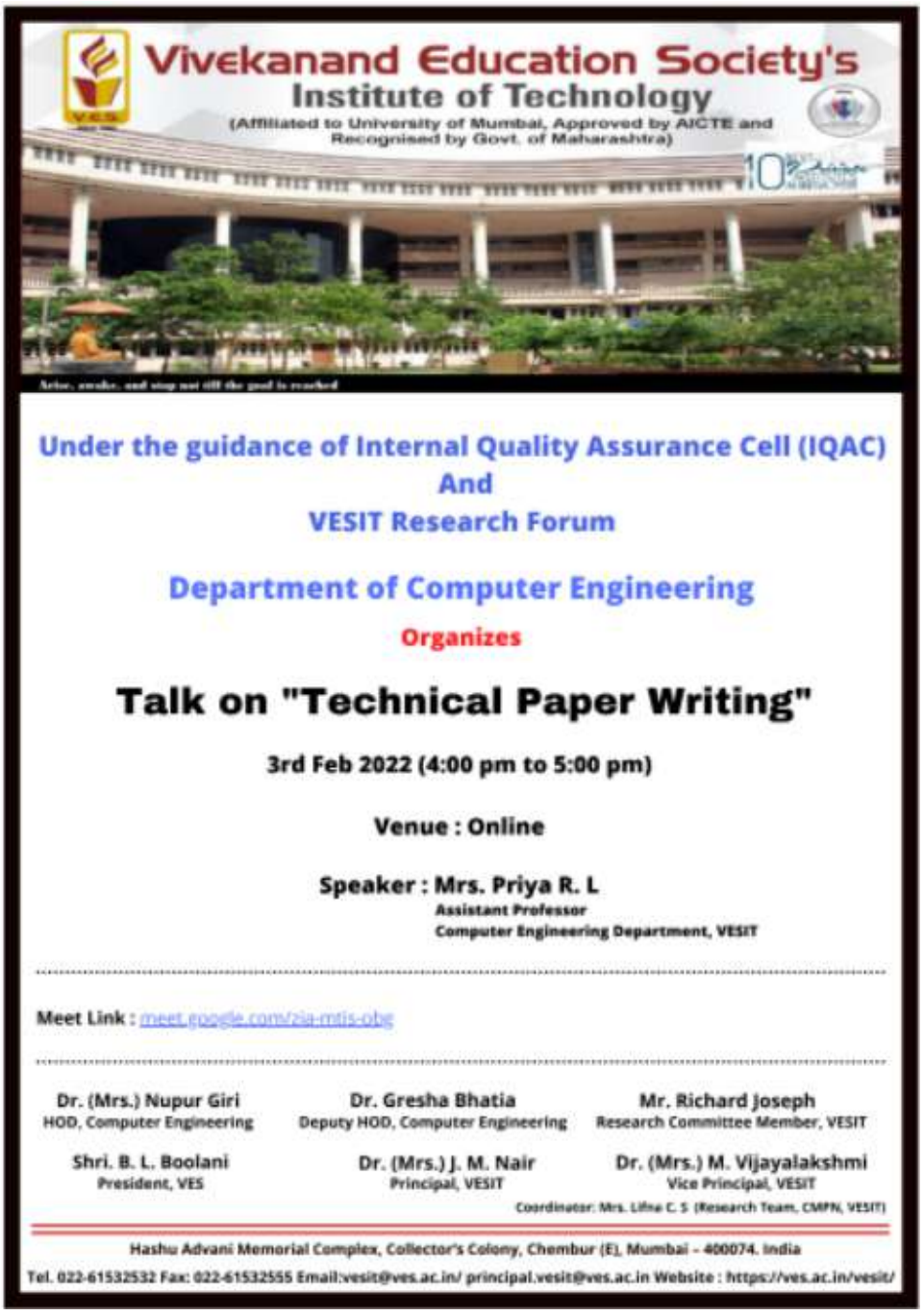
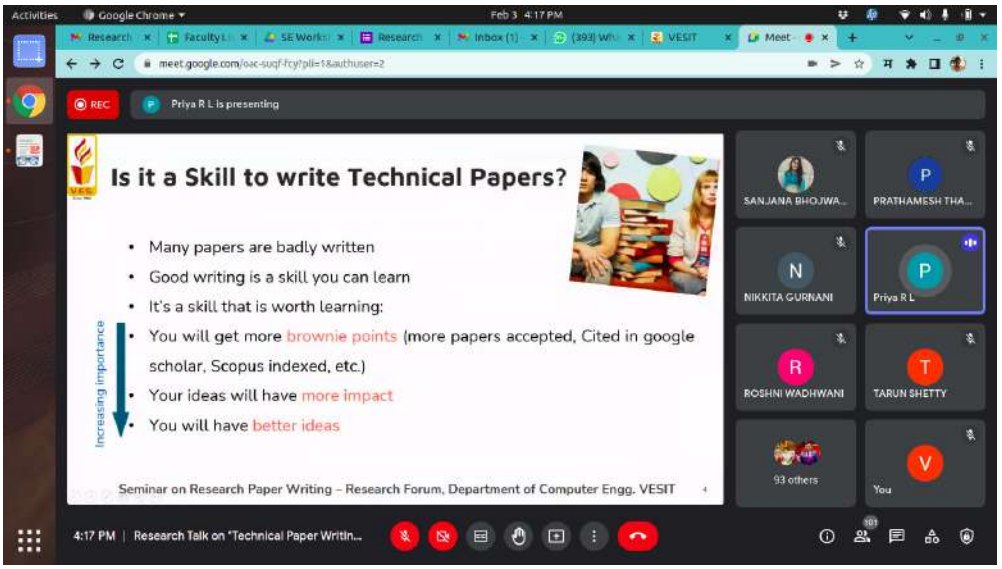
| | | |  <br>**Meet Snapshot** |
| | | 1.5.3.4 | Department of Computer Engineering organized a talk on **Technical Paper Writing** , in Association with VESIT Research Forum and VESIT - Internal Quality Assurance Cell on 3rd Feb 2022. |




**Event Poster**




**Meet Snapshot**

## 1.6 Interaction with outside world

### 1.6.1 Paper Setting

| Sr. No. | Name of Faculty | Description | Remark | Dates |
|---|---|---|---|---|
| 1 | Dr. Nupur Giri | 1T00727 / / B.E.(Computer Engineering)(SEM-VII)(Choice Base Credit) 42152 / / Mobile Communication and Computing | Chairperson | May 2022 |
| 2 | Dr. Gresha S Bhatia | M.Tech. (Artificial Intelligence),K. J. Somaiya Institute of Engineering and Information Technology, Mumbai | Paper Setter | March 2022 |
| 3 | Dr. Sharmila Sengupta | 1T00727 / / B.E.(Computer Engineering)(SEM-VII)(Choice Base Credit, 42151 / / Digital Signal & Image Processing | Paper Setter | May 2022 |
| 4 | Mrs. Pallavi Gangurde | A1T01026 / / T.E.(Electronic & Telecommunication Engineering)(SEM-VI)(Choice | Paper Setter | March 2022 |
| 5 | Mrs. Pallavi Saindane | Base Credit Grading System )(R2016) | Paper Setter | April 2022 |

| | | |
|---|---|---|
| | **1.7** | **Societal Activities Unnat Bharat Abhiyan**<br><br>SoRT-VESIT in collaboration with Unnat Bharat Abhiyan conducted a small workshop on Installation of Solar RoofTop at Ambhiste village on 19th April 2022. Speakers for the session were Mr. Premkumar Joshi & Mr. Roy.<br>Faculty In-charges: Dr. Gresha Bhatiya, Mrs. Indu Donate & Dr. Sushil Dhuldhar<br>UBA Co-ordinator: Mrs. Manisha Joshi<br>Student Coo-rdinator: Sahil Deshmukh<br> <br><br>**Picture 1 : Dr. Gresha Bhatia and Mrs. Indu Dokare with UBA TEAM @Ambhiste Village**<br><br> <br><br>**Picture 2 : Dr. Gresha Bhatia and Mrs. Indu Dokare with UBA TEAM @Ambhiste Village** |

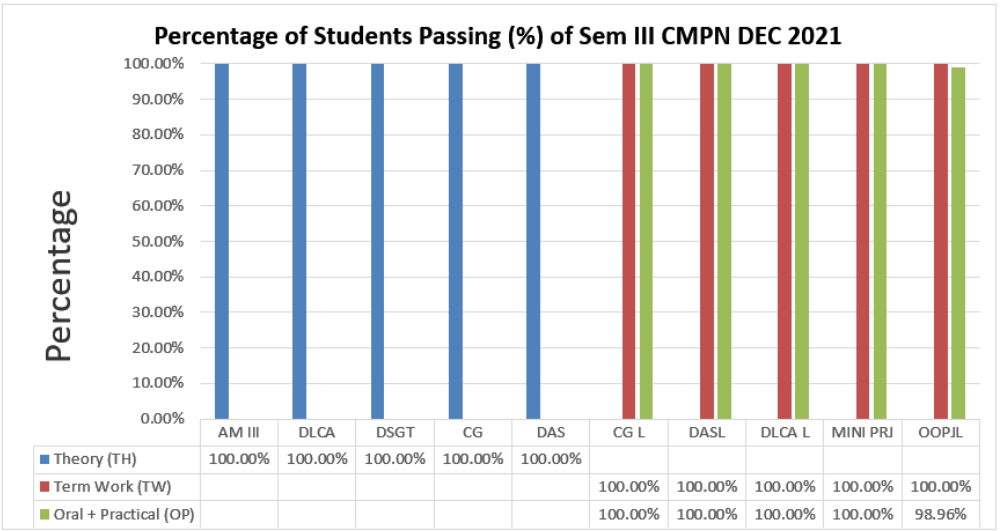
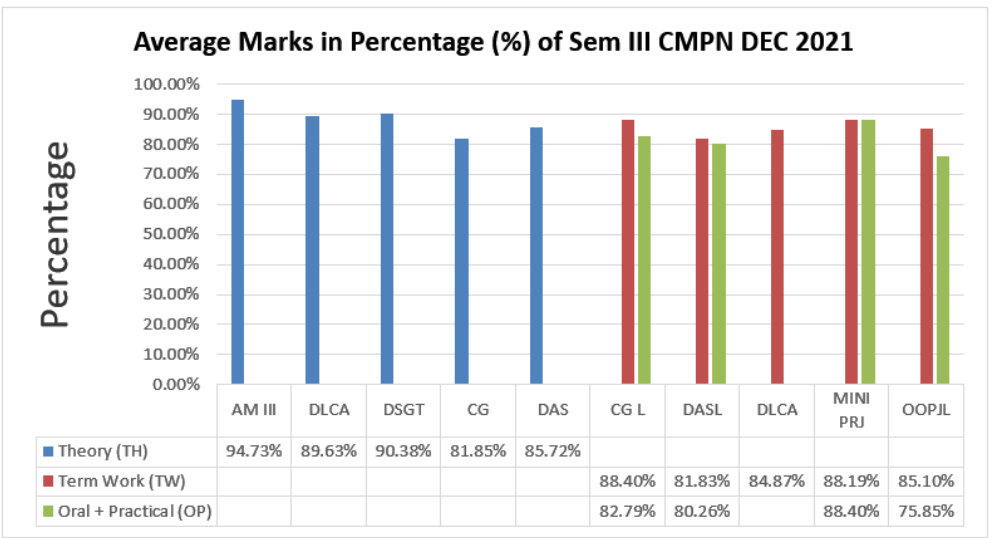
**Pic 3 : Dr. Gresha Bhatia and Mrs. Indu Dokare with UBA TEAM @Ambhiste Village**

**Pic 4 : Solar Installation Workshop Poster**

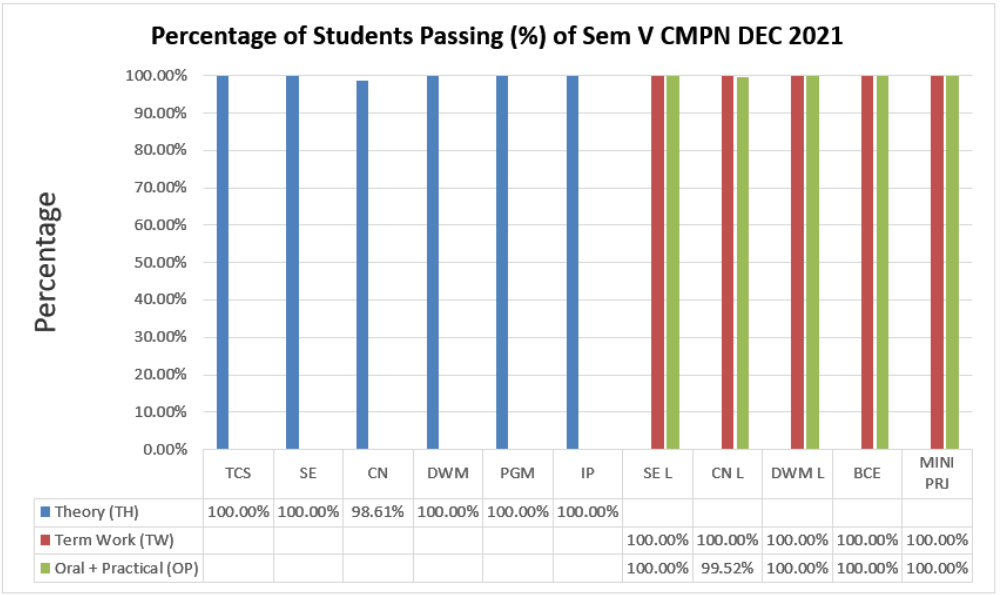
| | | |
|---|---|---|
| | **1.8** | **Accomplishments:** |

**Dr. Prashant Vilas Kanade**

Mr. Prashant Vilas Kanade is conferred with PhD in Computer Engineering under the guidance of Dr Arun Kumar, Department of Computer Science & Engineering, School of Engineering of Sir Padampat Singhania University, Udaipur on January 20, 2022. His Research Topic is "Analysis of Health Record Standards to Provide Interoperable Electronic Health Record System Model for Effective Health Services in India"

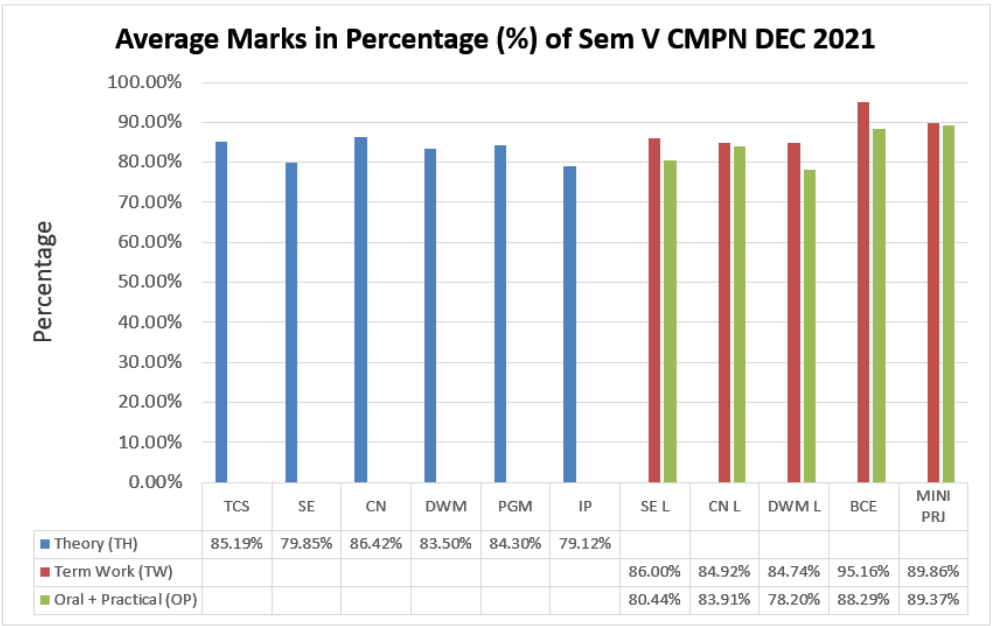
| 2 | Student Portfolio | | |
|---|---|---|---|
| | 2.1 | Student Achievements | |
| | | 2.1.1 | **Academic Excellence : Statistical graphs illustrating the performance of the Students by the end semester results from University of Mumbai (2021-22):**<br><br>The following graphs show the pass/fail counts and end semester performance of students for Semester III to VII<br><br><u>Course Performance</u><br>  <br><br><br><u>End Semester Report</u>:<br>  <br> |

Course Performance



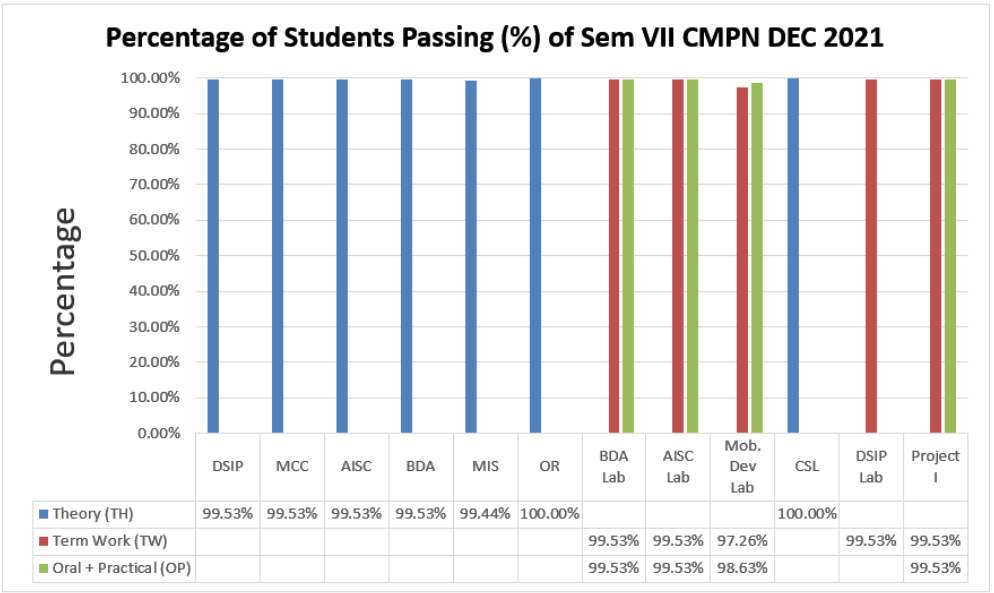

| | TCS | SE | CN | DWM | PGM | IP | SE L | CN L | DWM L | BCE | MINI PRJ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Theory (TH) | 100.00% | 100.00% | 98.61% | 100.00% | 100.00% | 100.00% | | | | | |
| Term Work (TW) | | | | | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| Oral + Practical (OP) | | | | | | | 100.00% | 99.52% | 100.00% | 100.00% | 100.00% |

End Semester Report



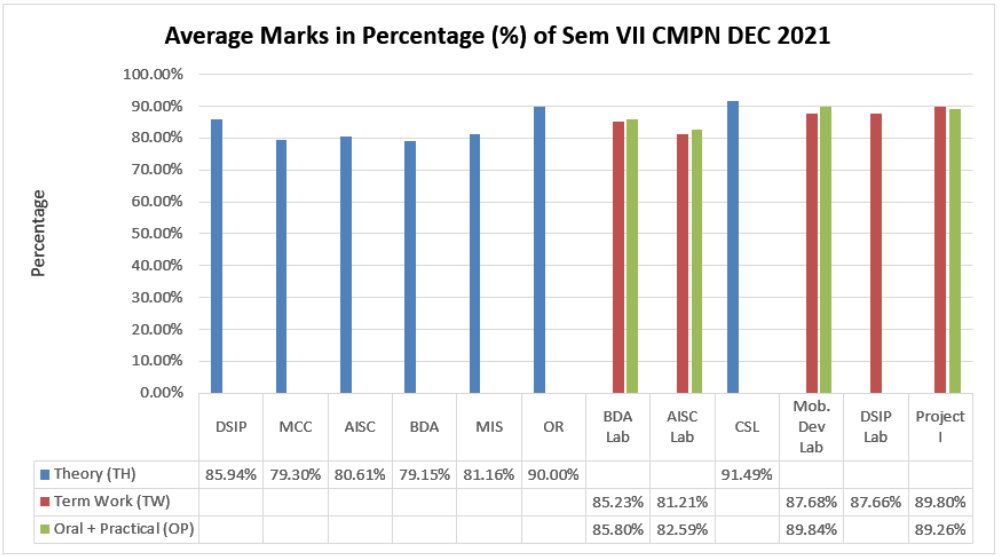

| | TCS | SE | CN | DWM | PGM | IP | SE L | CN L | DWM L | BCE | MINI PRJ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Theory (TH) | 85.19% | 79.85% | 86.42% | 83.50% | 84.30% | 79.12% | | | | | |
| Term Work (TW) | | | | | | | 86.00% | 84.92% | 84.74% | 95.16% | 89.86% |
| Oral + Practical (OP) | | | | | | | 80.44% | 83.91% | 78.20% | 88.29% | 89.37% |

Course Performance



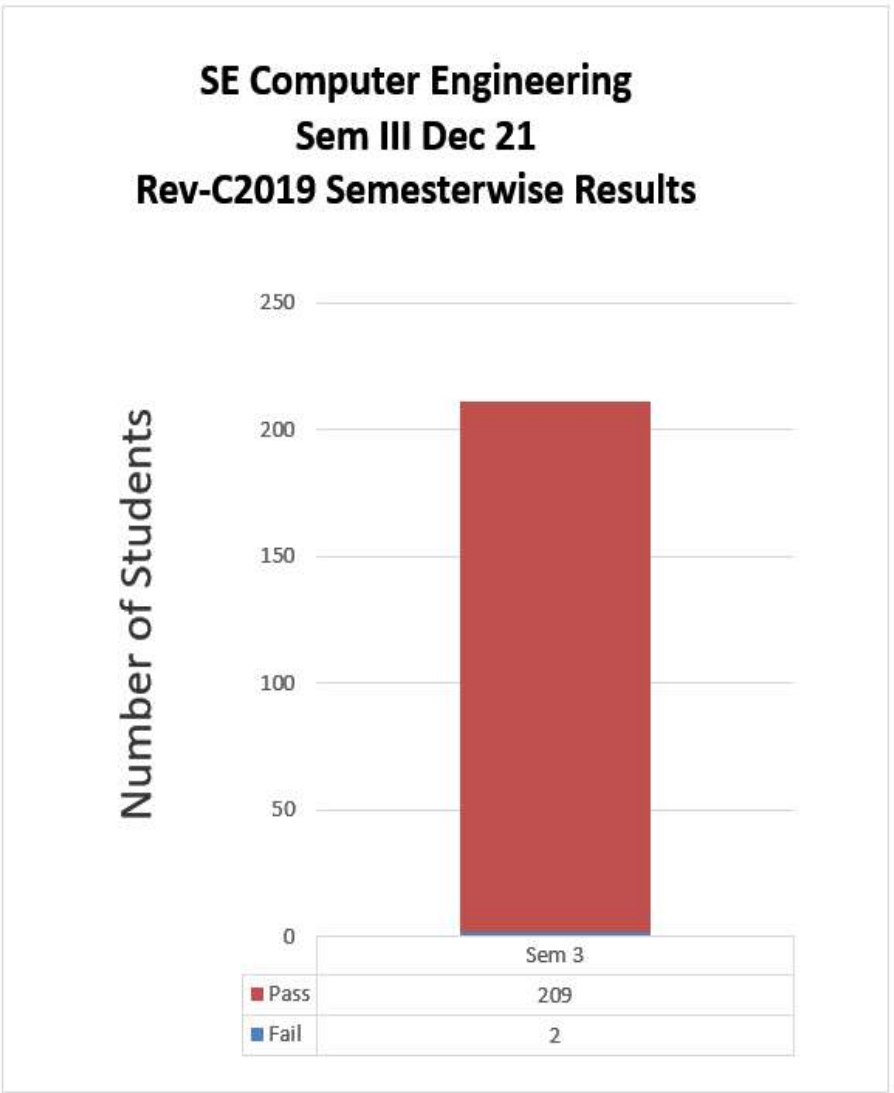

| | DSIP | MCC | AISC | BDA | MIS | OR | BDA Lab | AISC Lab | Mob. Dev Lab | CSL | DSIP Lab | Project I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Theory (TH) | 99.53% | 99.53% | 99.53% | 99.53% | 99.44% | 100.00% | | | | 100.00% | | |
| Term Work (TW) | | | | | | | 99.53% | 99.53% | 97.26% | | 99.53% | 99.53% |
| Oral + Practical (OP) | | | | | | | 99.53% | 99.53% | 98.63% | | | 99.53% |

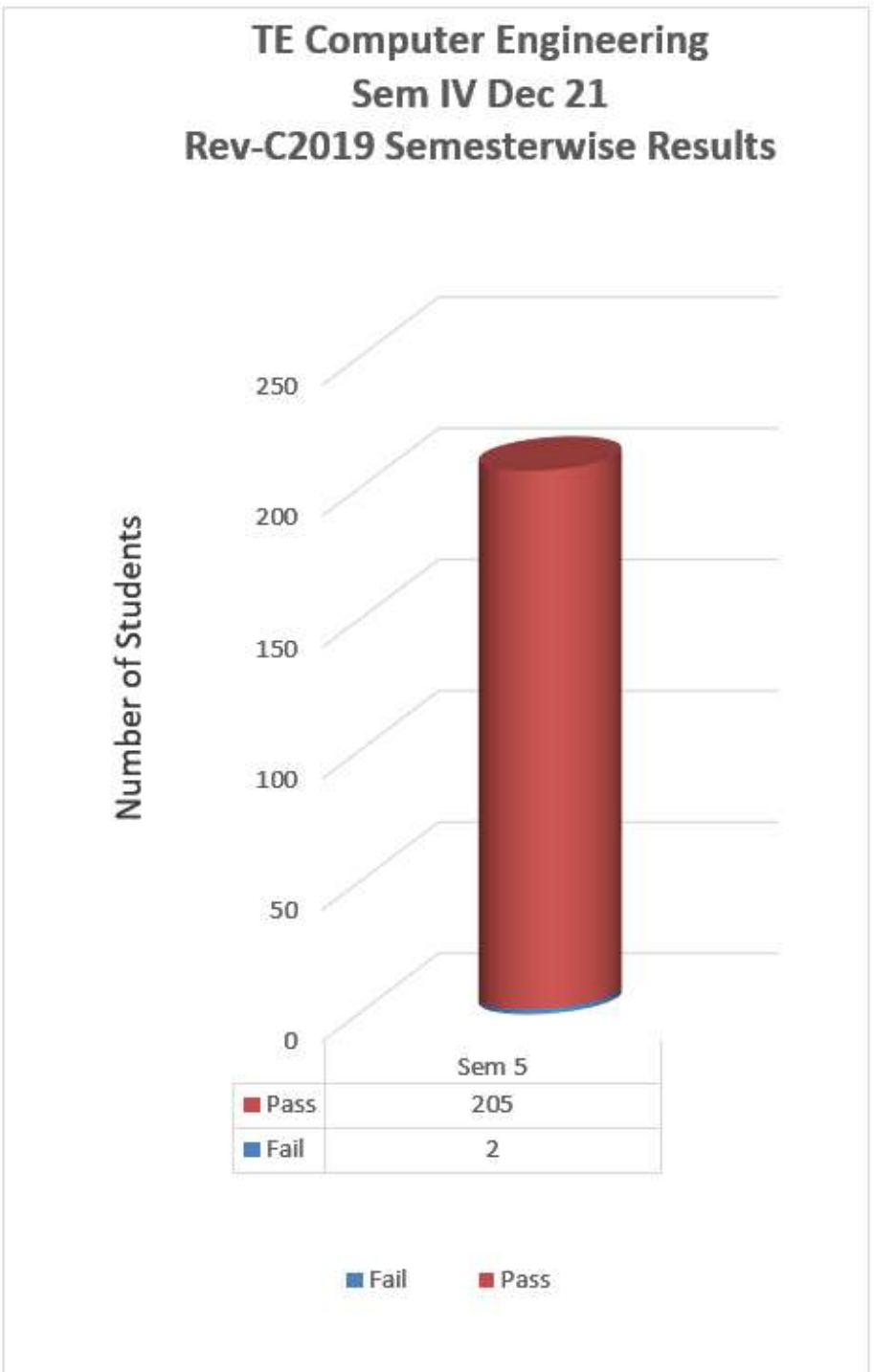
End Semester Report

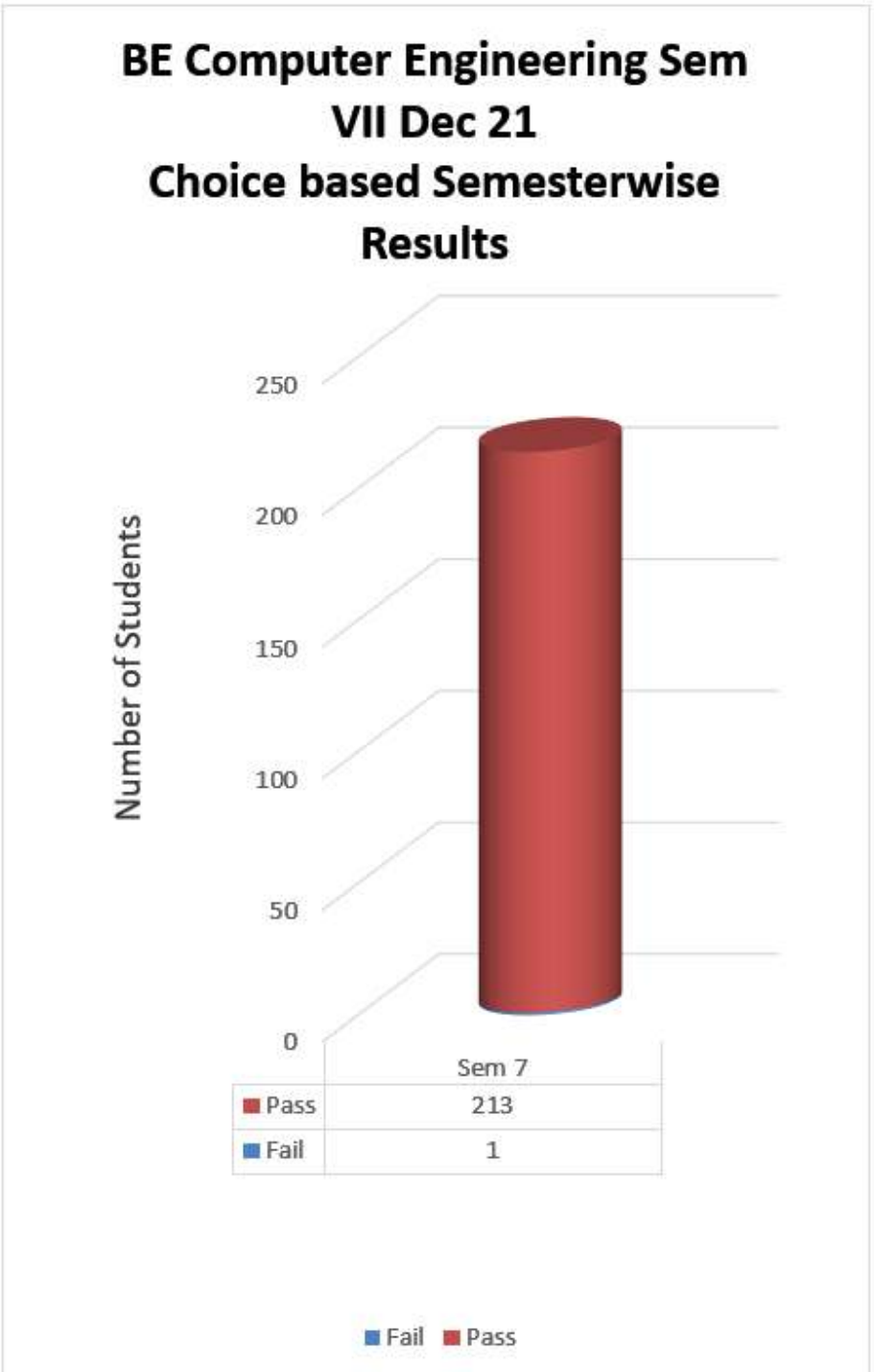


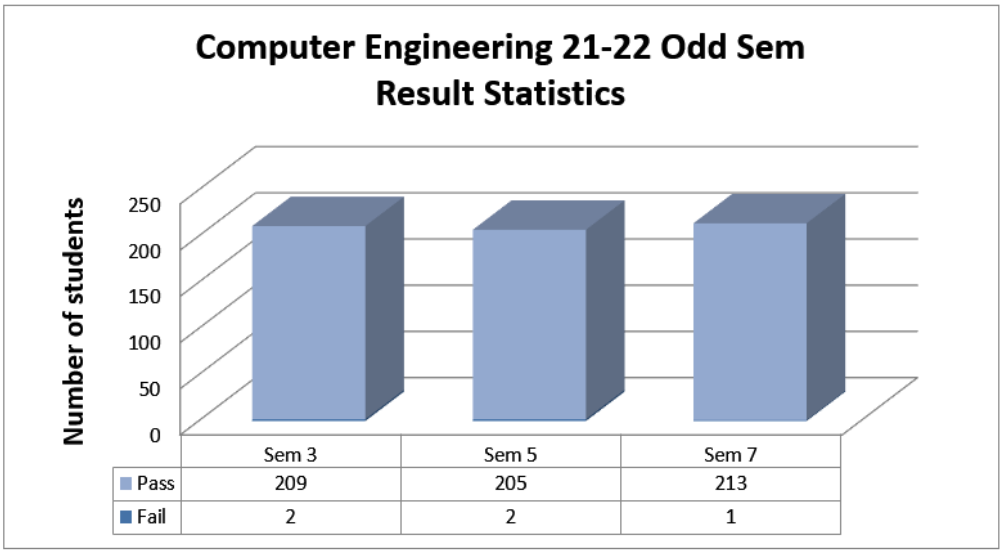

| | DSIP | MCC | AISC | BDA | MIS | OR | BDA Lab | AISC Lab | CSL | Mob. Dev Lab | DSIP Lab | Project I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Theory (TH) | 85.94% | 79.30% | 80.61% | 79.15% | 81.16% | 90.00% | | | 91.49% | | | |
| Term Work (TW) | | | | | | | 85.23% | 81.21% | | 87.68% | 87.66% | 89.80% |
| Oral + Practical (OP) | | | | | | | 85.80% | 82.59% | | 89.84% | | 89.26% |

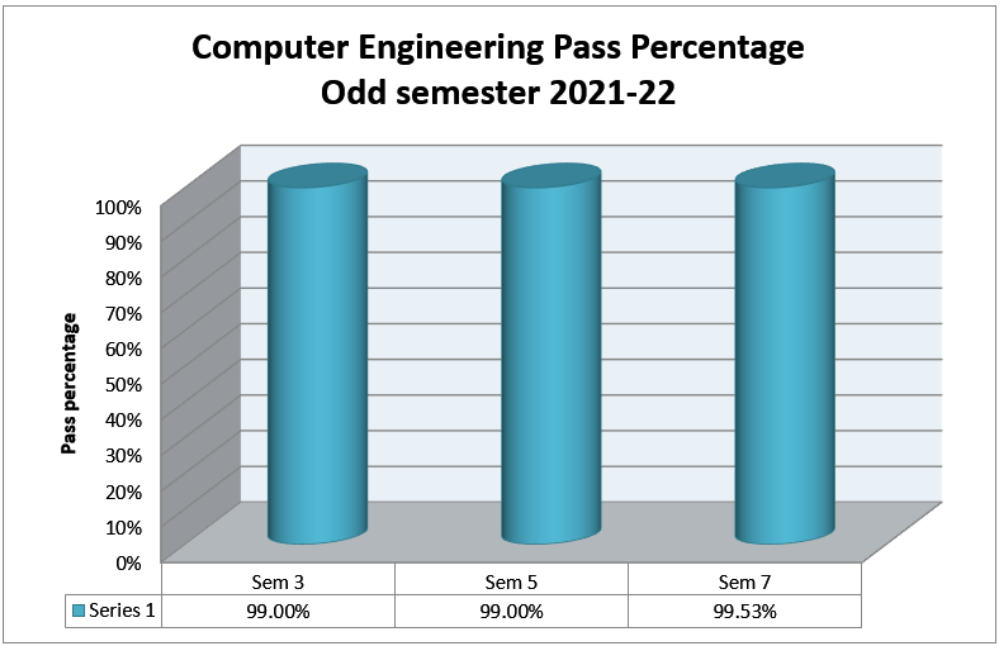
**Statistical graphs illustrating the Semester/Year Wise Result Analysis of Second Year (S.E.), Third Year (T.E.) and Final Year (B.E.):**



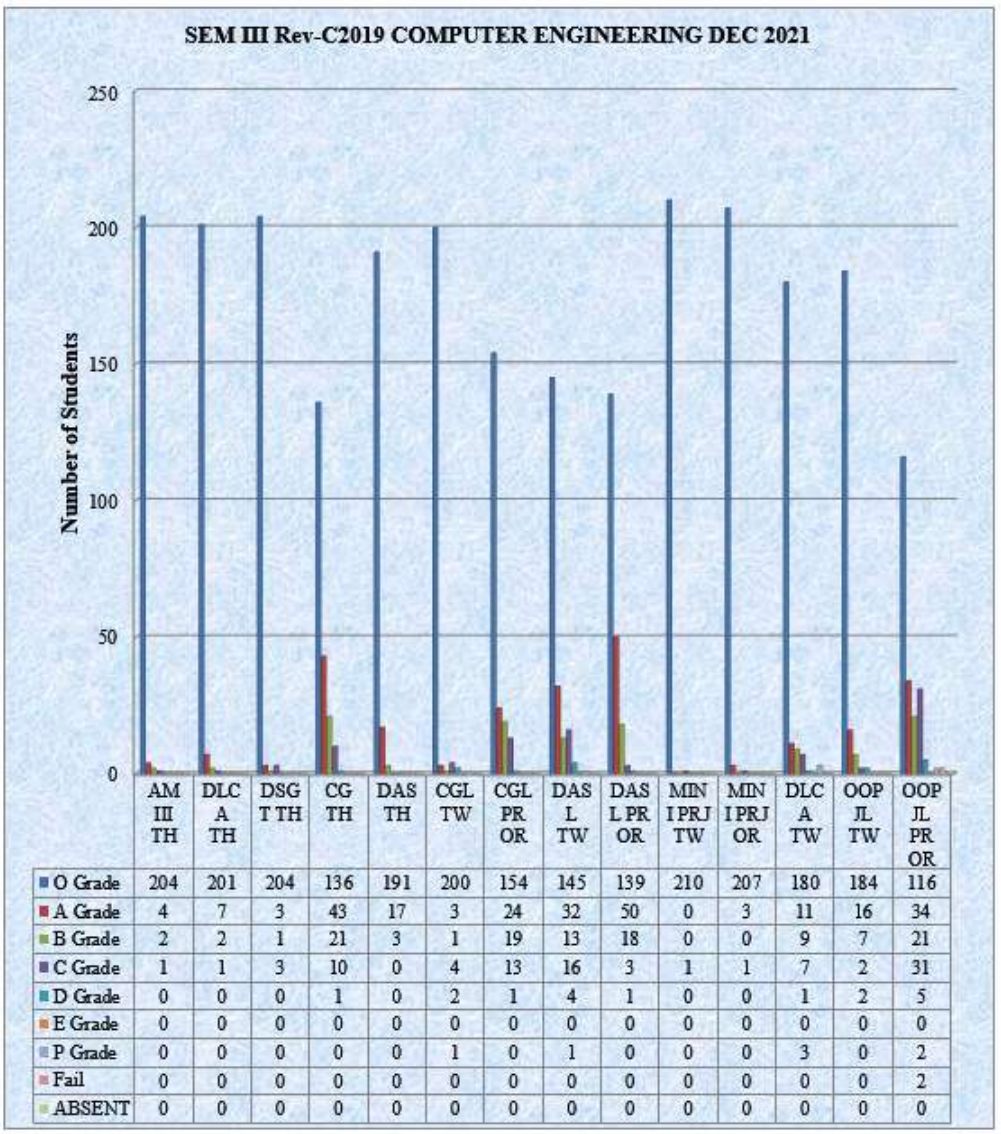

TE Computer Engineering
Sem IV Dec 21
Rev-C2019 Semesterwise Results
Number of Students
250
200
150
100
50
0
Sem 5
Pass
205
Fail
2
Fail
Pass


BE Computer Engineering Sem VII Dec 21
Choice based Semesterwise Results
Number of Students
250
200
150
100
50
0
Sem 7
Pass 213
Fail 1
Fail Pass

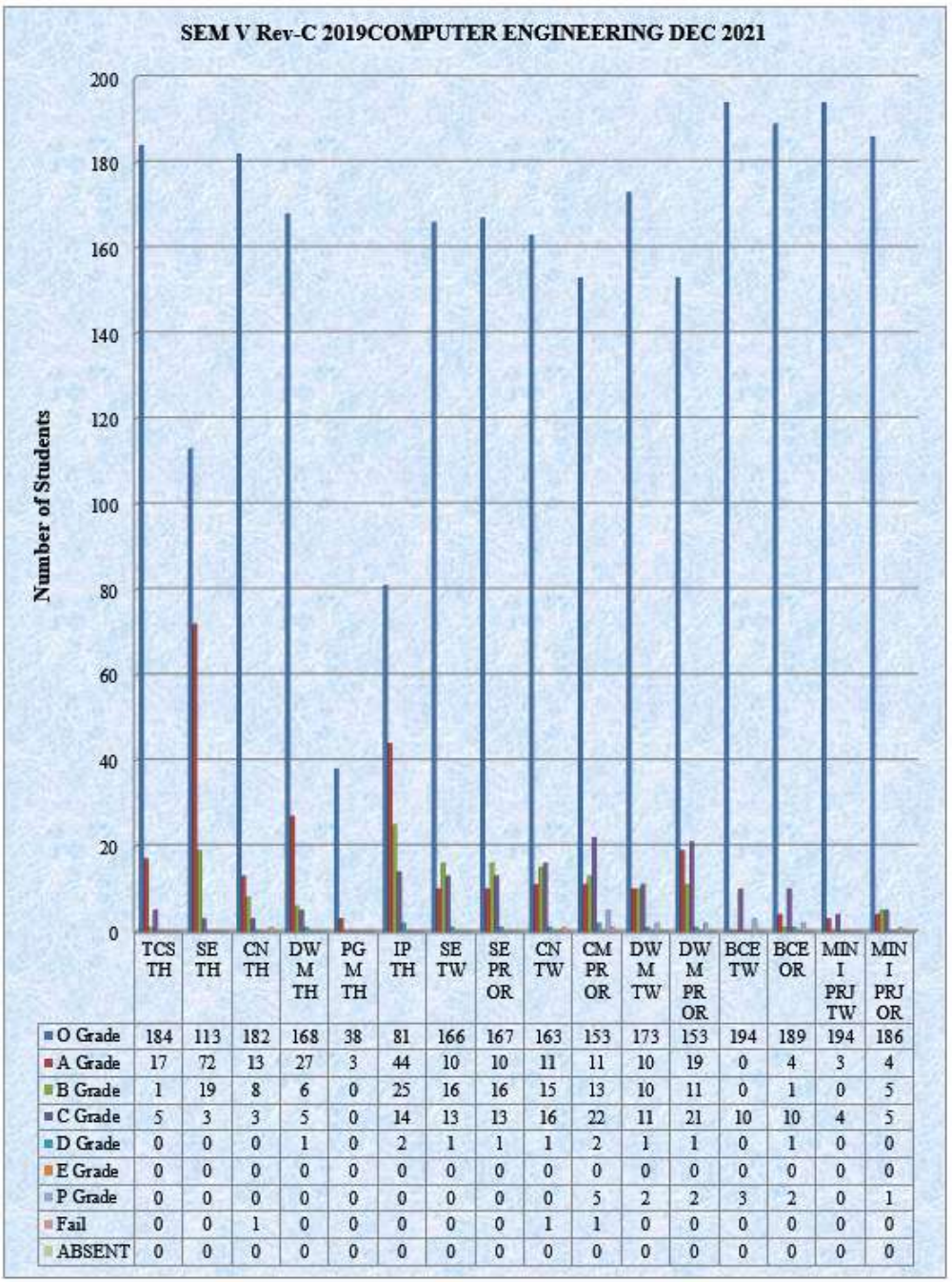

Computer Engineering 21-22 Odd Sem Result Statistics
Number of students
250
200
150
100
50
0
Sem 3
Sem 5
Sem 7
Pass
209
205
213
Fail
2
2
1


Computer Engineering Pass Percentage Odd semester 2021-22
Pass percentage
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Sem 3
Sem 5
Sem 7
Series 1
99.00%
99.00%
99.53%

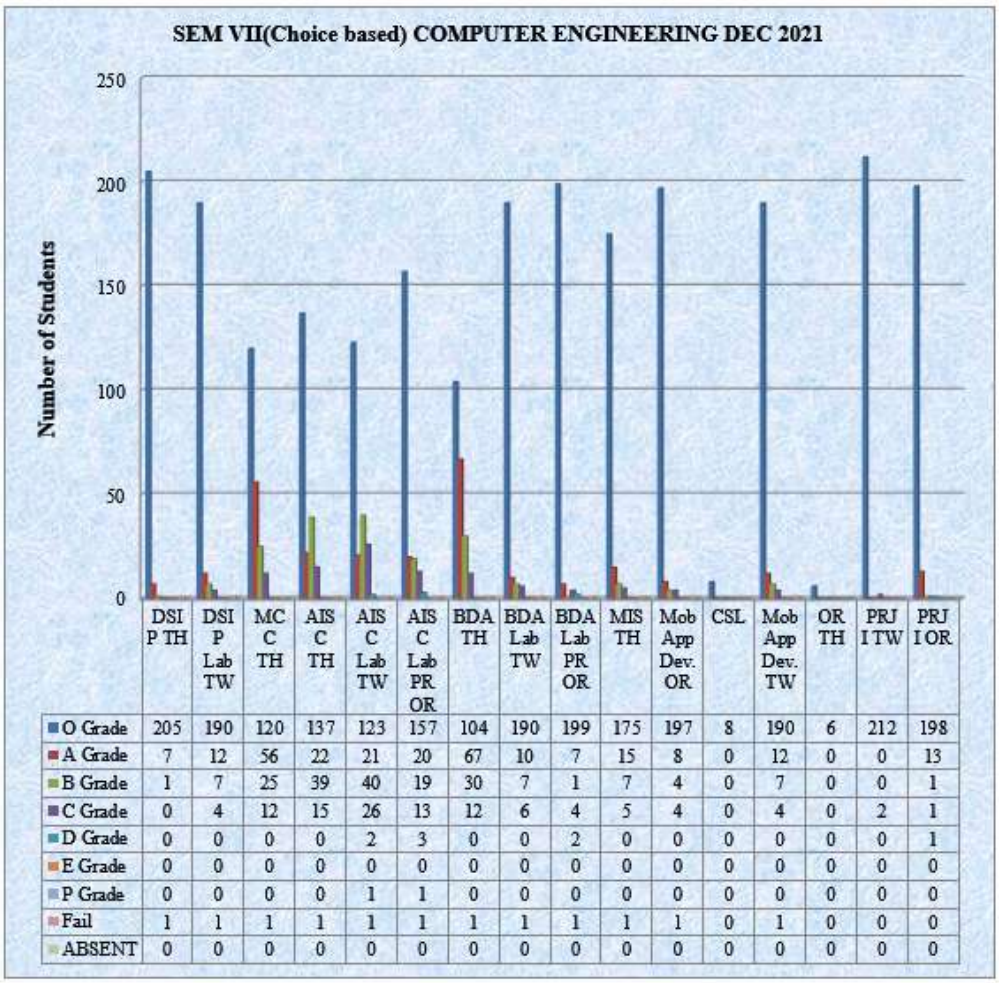
**Statistical graphs illustrating the Subject and Semester Wise Result Analysis of Semester III to VIII:**




| | AM III TH | DLC A TH | DSG T TH | CG TH | DAS TH | CGL TW | CGL PR OR | DAS L TW | DAS L PR OR | MIN I PRJ TW | MIN I PRJ OR | DLC A TW | OOP JL TW | OOP JL PR OR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O Grade | 204 | 201 | 204 | 136 | 191 | 200 | 154 | 145 | 139 | 210 | 207 | 180 | 184 | 116 |
| A Grade | 4 | 7 | 3 | 43 | 17 | 3 | 24 | 32 | 50 | 0 | 3 | 11 | 16 | 34 |
| B Grade | 2 | 2 | 1 | 21 | 3 | 1 | 19 | 13 | 18 | 0 | 0 | 9 | 7 | 21 |
| C Grade | 1 | 1 | 3 | 10 | 0 | 4 | 13 | 16 | 3 | 1 | 1 | 7 | 2 | 31 |
| D Grade | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 4 | 1 | 0 | 0 | 1 | 2 | 5 |
| E Grade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P Grade | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 2 |
| Fail | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| ABSENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |




| | TCS TH | SE TH | CN TH | DW M TH | PG M TH | IP TH | SE TW | SE PR OR | CN TW | CM PR OR | DW M TW | DW M PR OR | BCE TW | BCE OR | MIN I PRJ TW | MIN I PRJ OR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O Grade | 184 | 113 | 182 | 168 | 38 | 81 | 166 | 167 | 163 | 153 | 173 | 153 | 194 | 189 | 194 | 186 |
| A Grade | 17 | 72 | 13 | 27 | 3 | 44 | 10 | 10 | 11 | 11 | 10 | 19 | 0 | 4 | 3 | 4 |
| B Grade | 1 | 19 | 8 | 6 | 0 | 25 | 16 | 16 | 15 | 13 | 10 | 11 | 0 | 1 | 0 | 5 |
| C Grade | 5 | 3 | 3 | 5 | 0 | 14 | 13 | 13 | 16 | 22 | 11 | 21 | 10 | 10 | 4 | 5 |
| D Grade | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 0 |
| E Grade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P Grade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 2 | 3 | 2 | 0 | 1 |
| Fail | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABSENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |




| | DSIP TH | DSIP Lab TW | MCC TH | AISC TH | AISC Lab TW | AISC Lab PR OR | BDA TH | BDA Lab TW | BDA Lab PR OR | MIS TH | Mob App Dev. OR | CSL | Mob App Dev. TW | OR TH | PRJ I TW | PRJ I OR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O Grade | 205 | 190 | 120 | 137 | 123 | 157 | 104 | 190 | 199 | 175 | 197 | 8 | 190 | 6 | 212 | 198 |
| A Grade | 7 | 12 | 56 | 22 | 21 | 20 | 67 | 10 | 7 | 15 | 8 | 0 | 12 | 0 | 0 | 13 |
| B Grade | 1 | 7 | 25 | 39 | 40 | 19 | 30 | 7 | 1 | 7 | 4 | 0 | 7 | 0 | 0 | 1 |
| C Grade | 0 | 4 | 12 | 15 | 26 | 13 | 12 | 6 | 4 | 5 | 4 | 0 | 4 | 0 | 2 | 1 |
| D Grade | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| E Grade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P Grade | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fail | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| ABSENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

2.1.2 **Placement Activities**

**2.1.2.1 Placement Record**

**2.1.2.1.1 Placements Summary:**

★ The process of placement started in third week of July 2021 on virtual mode (Online) with dream companies like JP Morgan & Chase-CFG, Indus Valley Partners (IVP), Institutional Shareholder Services (ISS), Carwale.com, Forcepoint, Quantiphi, Quicksell, Interactive Brokers, L & T Infotech, Nomura, Deloitte, Kotak Bank,

Koptak securities, Dolat Capital etc. followed by our major recruiter Accenture.

★ Like every year, this year also students have performed extremely well. Students participated in a coding contest organized by JP Morgan & Chase- Code for Good (CFG), TCS : Codevita, TCS-NQT and FinTech:IVP. Many students got the placement opportunity through these contests.

**2.1.2.1.2 Highlights**

★ 93.12 % of eligible and interested students have got placed till date.

★ 51 companies have visited the campus till the date for the Computer Engineering stream.

★ Highest salary offered is 29.25 Lacs/Annum.

★ Average salary offered is 7.5 Lacs/Annum

★ 159 students have got the dream job offers.

★ **Participation in Contests**

★ **IVP FinTech Quiz**

| **Winner Team members** | **Runner-up Team Members** |
|---|---|
| Namrata Tolani | Kedar Kharde |
| Divesh Hariani | Siddhesh Bhere |
| Avinash Tripathy | Rohit Jadhav |
| Abhijit Thikekar | Riteshsingh Kadakoti |

**2.1.2.1.3 Job Offers through Coding Contests :**

| Sr. No. | Contest Name/ Company | Number of job Offers | Salary (Lacs/Annum) |
|---|---|---|---|
| 1 | Code For Good (CFG), JP Morgan & Chase | 13 | 14 |

| | | | |
|---|---|---|---|
| 2 | IVP FinTech Quiz | 2 | 2 |
| 3 | TCS Ninja | 6 | 3.36 |
| | **Total** | **21** | |

### 2.1.2.1.4 Placement Statistics (as on 4th April 2022)

| Sr. No. | Company | Number of Job offers | Salary (Lac/Annum) |
|---|---|---|---|
| 1 | JP Morgan & Chase | 13 | 14 |
| 2 | Institutional Shareholder Services (ISS) | 11 | 10 |
| 3 | Forcepoint | 4 | 10.37 |
| 4 | Indus Valley Partners (IVP) | 2 | 7.52 |
| 5 | Carwale | 5 | 7.5 |
| 6 | Dolat Capital | 1 | 8 |
| 7 | Deloitte | 32 | 7.6 |
| 8 | Quantiphi Analytics Solutions | 13 | 8.5 |
| 9 | Interactive Brokers | 1 | 9.35185 |
| 10 | TSS Consultancy | 4 | 3.5 / 4 / 4.5 |
| 11 | Elastic Run | 0 | 8 |
| 12 | Apport Software solution Pvt Ltd (QuickSell) | 1 | 15 |
| 13 | L &T Infotech | 9 | 5/6.5 |
| 14 | Ernst & Young | 6 | 4.25 |
| 15 | Barclays | 22(10) | 13.73 |

| | | | |
|---|---|---|---|
| 16 | Accenture | 42(18) | 4.5/6.5 |
| 17 | Capgemini | 25(14) | 4 |
| 18 | Teradata | 0 | 10.10778 |
| 19 | Nomura | 0 | 11.7 |
| 20 | Network Marvels | 1 | 5.5 |
| 21 | Tata Consultancy Services | 6 | 3.36 |
| 22 | e-Emphasys | 0 | 5 |
| 23 | Willis Tower Watson | 5(2) | 6 |
| 24 | Duck Creek Technologies | 4(1) | 5.5 |
| 25 | Alight Solutions | 1 | 5 |
| 26 | Emerson | 2 | 7.19 |
| 27 | GAMES 24X7 | 2(1) | 11 |
| 28 | Kotak Mahindra Bank | 4(3) | 10 |
| 29 | Kotak Security | 5(3) | 10 |
| 30 | NSEIT | 3 | 6 |
| 31 | Amazon Web Services | 0 | 6 |
| 32 | L&T- GET | 1(1) | 6 |
| 33 | Citius Tech | 0 | 5.5 |
| 34 | Sciative Solutions Pvt. Ltd. | 1 | 4 |
| 35 | Vistaar Technologies | 0 | 4 |
| 36 | Elastik Teams | 0 | 6 |
| 37 | Acumen Security | 0 | 5 |
| 38 | Swabhav Tech | 1 | 3.5 |
| 39 | Media.net | 0 | 8.3 |
| 40 | Quantiphi Analytics Solutions | 1(1) | 8 |

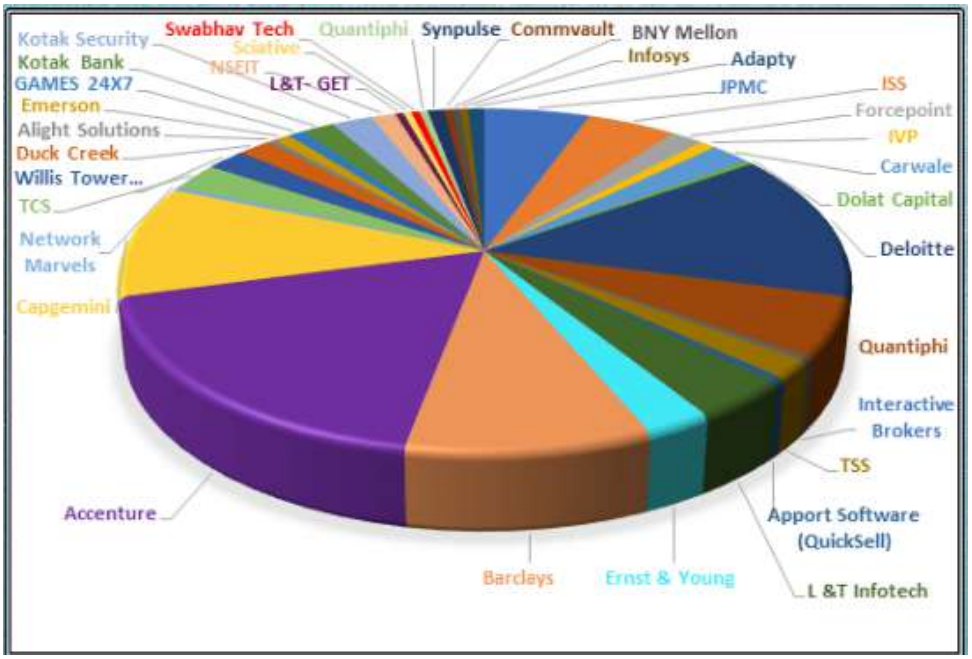
| | | | |
|---|---|---|---|
| 41 | Synpulse | 2(1) | 7 |
| 42 | Deloitte ( Offcampus) | 1 | 7 |
| 43 | Amazon | In Process | 25 |
| 44 | InvenioLSI | In Process | 6 |
| 45 | Piramal Group | In Process | 6.05 |
| 46 | GEP | 0 | 5 |
| 47 | Prodapt Solutions | In Process | 5.50-7.50 |
| 48 | Commvault | 1(1) | 29.25 |
| 49 | BNY Mellon Technologies | 1(1) | 17.34 |
| 50 | Infosys (Off campus) | 1(1) | 3.36 |
| 51 | Adapty | 2(1) | 4.43 |

**Summary :**

| | |
|---|---|
| Total Strength | 213 |
| Strength (Interested+Eligible) | 189 |
| Job Offered | 238 |
| Total Placed | 176 |
| Second (or More) Jobs | 62 |
| % Offered (Strength) | 111.74 |
| % Offered (Interested+Eligible) | 125.93 |
| % Placed (Interested+Eligible) | 93.12 |
| Minimum Salary | 3.36 |
| Maximum Salary | 29.25 |
| Average Salary | 7.5 |

| | |
|---|---|
| No of Companies Visited | 51 |

**Company wise Number of Job Offers**




**2.1.2.1.5 Best Achievers in the Placements ( CTC equal or more than 10 LPA)**

| Sr. No | Name of the student | Company | Salary (LPA) |
|---|---|---|---|
| 1 | Arnav Bagchi | Commvault | 29.25 |
| 2 | Harshita Kanal | BNY Mellon Technologies | 17.34 |
| 3 | Chetan Shankar Urkude | Apport Software solution Pvt Ltd (QuickSell) | 15 |
| 4 | Ahuja Akansha Jagdish | J P Morgan & Chase | 14 |
| 5 | Gurnani Paras Deepaklal | J P Morgan & Chase | 14 |
| 6 | Lalchandani Sakshi | J P Morgan & Chase | 14 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 7 | Mangalpalli Omkar Shriniwas | J P Morgan & Chase | 14 |
| | | | 8 | Menon Riya Ramchandran | J P Morgan & Chase | 14 |
| | | | 9 | Pawar Mayur Manik | J P Morgan & Chase | 14 |
| | | | 10 | Tolamatti Gauravi Anil | J P Morgan & Chase | 14 |
| | | | 11 | Gaurav Purushottam Patil | J P Morgan & Chase | 14 |
| | | | 12 | Parthesh Deepak Pawar | J P Morgan & Chase | 14 |
| | | | 13 | Anjali Badlani | J P Morgan & Chase | 14 |
| | | | 14 | Ajay Gupta | J P Morgan & Chase | 14 |
| | | | 15 | Sejal Kriplani | J P Morgan & Chase | 14 |
| | | | 16 | Khushi Makhijani | J P Morgan & Chase | 14 |
| | | | 17 | Sejal Budhani | Barclays | 13.73 |
| | | | 18 | Roshni Kataria | Barclays | 13.73 |
| | | | 19 | Omkar Mane | Barclays | 13.73 |
| | | | 20 | Praveen Mirchandani | Barclays | 13.73 |
| | | | 21 | Arya Paryani | Barclays | 13.73 |
| | | | 22 | Divya Raisinghani | Barclays | 13.73 |
| | | | 23 | Muskaan Sharma | Barclays | 13.73 |
| | | | 24 | Prem Vinod Chhabria | Barclays | 13.73 |
| | | | 25 | Jayesh Dhanrajani | Barclays | 13.73 |
| | | | 26 | Priya Gangwani | Barclays | 13.73 |
| | | | 27 | Sadhvi Ganuwala | Barclays | 13.73 |
| | | | 28 | Abhay Gupta | Barclays | 13.73 |
| | | | 29 | Ridhhi Khole | Barclays | 13.73 |
| | | | 30 | Anand Pal | Barclays | 13.73 |
| | | | 31 | Priyanka Asrani | Barclays | 13.73 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 32 | Chinmay Waykole | Barclays | 13.73 |
| | | | 33 | Anjali Hassani | Barclays | 13.73 |
| | | | 34 | Shivani Kulkarni | Barclays | 13.73 |
| | | | 35 | Bhavesh Lohana | Barclays | 13.73 |
| | | | 36 | Etisha Manish Mathurvaishya | Barclays | 13.73 |
| | | | 37 | Muskan Tanna | Barclays | 13.73 |
| | | | 38 | Yash Anilkumar Wadhwani | Barclays | 13.73 |
| | | | 39 | Tamane Nilay | GAMES 24X7 | 11 |
| | | | 40 | Vaibhav Boliya | GAMES 24X7 | 11 |
| | | | 41 | Onkar Bhatlawande Sitaram | Forcepoint | 10.37 |
| | | | 42 | Tanvi Shetty Vasant | Forcepoint | 10.37 |
| | | | 43 | Neel Bhagat | Forcepoint | 10.37 |
| | | | 44 | Amit Chhabria | Forcepoint | 10.37 |
| | | | 45 | Bugtani Siddarth Prakash | Institutional Shareholder Services(ISS) | 10 |
| | | | 46 | Ghagare Omkar Raghunath | Institutional Shareholder Services(ISS) | 10 |
| | | | 47 | Kachhela Navin Haresh | Institutional Shareholder Services(ISS) | 10 |
| | | | 48 | Lund Disha Lal | Institutional Shareholder Services(ISS) | 10 |
| | | | 49 | Thikekar Abhijit Pradeep | Institutional Shareholder Services(ISS) | 10 |
| | | | 50 | Anmol Gurmukh Devnani | Institutional Shareholder Services(ISS) | 10 |
| | | | 51 | Siddhesh Sharad Gadge | Institutional Shareholder Services(ISS) | 10 |
| | | | 52 | Salonee Ravindra Velonde | Institutional Shareholder | 10 |

| | | | |
|---|---|---|---|
| | | Services(ISS) | |
| 53 | Ayush Shankar Wadhwa | Institutional Shareholder Services(ISS) | 10 |
| 54 | Swarangi Dali | Institutional Shareholder Services(ISS) | 10 |
| 55 | Nikhil Gangaramani | Institutional Shareholder Services(ISS) | 10 |
| 56 | Lalwani Saurabh Kailash | Kotak Mahindra Bank | 10 |
| 57 | Singh Barun | Kotak Mahindra Bank | 10 |
| 58 | Srishti Deepak Vazirani | Kotak Mahindra Bank | 10 |
| 59 | Varsha Sablani | Kotak Mahindra Bank | 10 |
| 60 | Shadi Jayesh Rajesh | Kotak Securities | 10 |
| 61 | Yerawar Om Sakharam | Kotak Securities | 10 |
| 62 | Khushboo Anil Bhatia | Kotak Securities | 10 |
| 63 | Muskan Mukesh Paryani | Kotak Securities | 10 |
| 64 | Jayant Mukundam | Kotak Securities | 10 |

**2.1.2.2 Placement Activities :**

**Campus Readiness Sessions : Inhouse**

| Sr. No. | Activity | Date/ Time | Class | Expert |
|---|---|---|---|---|
| 6 | Role and responsibility of placement coordinator and its impact on career | 28-01-2022, 9.30 AM to 10.30 AM | TE | Mr. A. Nagananda |
| 7 | Steering the interview | 04-02-2022, 4.00 PM to 5.30 PM | TE | Mr. A. Nagananda |

| | | | |
|---|---|---|---|
| 8 | Transaction analysis | 05-02-2022, 09.30 AM to 11.00 AM | TE | Mr. A. Nagananda |
| 9 | Sr. Jr. Interaction - Session 1 | 12-03-2022, 11.00 AM to 12.00 PM | TE | Students placed in JPMC |
| 10 | Sr. Jr. Interaction - Session 2 | 01-04-2022, 7.00 PM - 8.30 PM | TE | Students placed in ISS, IVP, IB, Quantiphi, Carwale |

2.1.3

**Higher Studies :**

21 students got admitted and joined for higher studies in Indian and foreign universities during the academic year **2020-21.**

**Records of Higher Studies for Academic Year 2020-2021**

| Sr. No. | Division | Name of Student | University | Field of Specialization |
|---|---|---|---|---|
| 1 | A | Khiani Mohit | University college Dublin | MSc in Management |
| 2 | B | Aditya Rao | University of Illinois at Chicago (UIC) | MS in Computer Science |
| 3 | | Anish Adnani | University of Southern California | MS in Computer Science |
| 4 | | Chawla Tarun Prakash | Stevens Institute of Technology | MS in Information Systems |
| 5 | | Khatwani Naren Prakash | New Jersey Institute of Technology | MS in Computer Science |
| 6 | | Makhija Vanshika Rajkumar | Stevens Institute of Technology | MS in Information Systems |

| | | | | | |
|---|---|---|---|---|---|
| 7 | | Mate Yash Vijay | University of Southern California | MS in Computer Science |
| 8 | | Nihar Nitin Kalsekar | Georgia Tech University | MS in Computer Science |
| 9 | | Pradyot Chhatwani | University of Southern California | MS in Computer Science (Data Science) |
| 10 | | Saini Tamanna Harpinder | University of Oregon | MS in Computer Science |
| 11 | | Shetty Ankush Karunakara | University of Southern California | MS in Computer Science (Data Science) |
| 12 | | Shrivastava Adithya Alok | Rutgers, The State University of New Jersey | MS in Computer Science (Machine Learning) |
| 13 | | Thawani Puneet Rajkumar | University of Illinois at Chicago | MS in Management Information Systems |
| 14 | | Tirodkar Gaurav | International Institute of Information Technology,Bangalore | M. Tech (CSE) |
| 15 | C | Akshay Thite | International Institute of Information Technology, Bangalore | M. Tech (CSE) |
| 16 | | Chavan Raj Digambar | Indiana University at Bloomington | MS in Computer Science |
| 17 | | Goyal Yash | Indraprastha Institute of Information Technology (IIIT) Delhi | M. Tech (CSE) |
| 18 | | Hrushabhsingh Chouhan | North Carolina State University | MS in Computer Science |
| 19 | | Mhatre Disha | University of | MS in Computer |

| | | | | | |
|---|---|---|---|---|---|
| | | Ratish | Southern California | Science (Artificial Intelligence) |
| 20 | | Shedge Saloni Rahul | University of Southern California | MS in Computer Science |
| 21 | | Shinde Manish Sanjay | North Carolina State University | MS in Computer Science |

2.1.4 **Competitive Exams:**

| Year/ Exam | GRE | TOEFL | GATE | Total number of exams attempted | Total number of students attempted the exams |
|---|---|---|---|---|---|
| **2021-2022** | 24 | 19 | - | 3 | 43 |

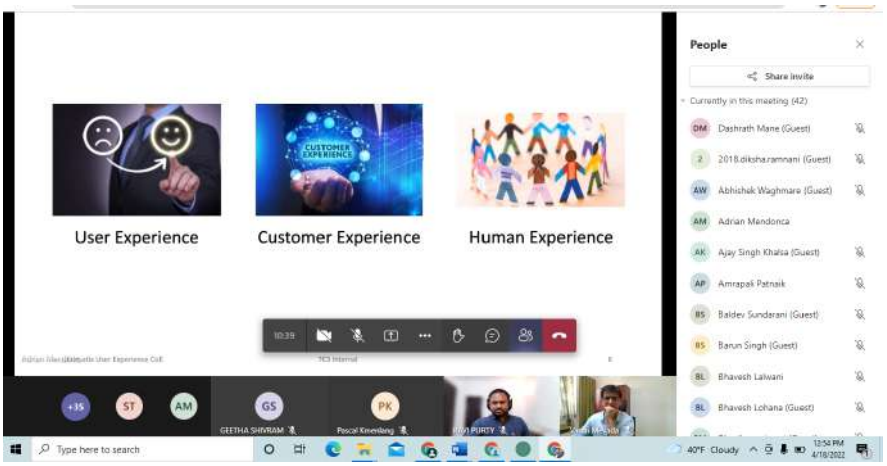
**2.2 Skill Development Activities**

2.2.1 **NPTEL:**

1. NPTEL Video lecture was conducted for Second Year students on the topic ”Concurrency Control” by Prof. Partha Das, IIT Kharagpur on 25th April 2022 for the subject Database management Systems..
2. NPTEL Video lecture was conducted for third year students on the topic “Intermediate Code Generation " by Y. N. Shrikant, Professor, IISc Bangalore on 20th April 2022 for the subject System Programming and Compiler Constructions.

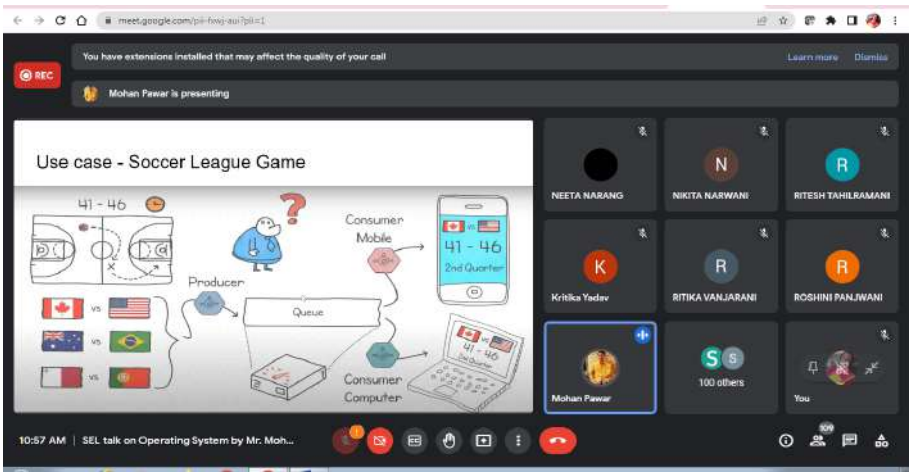
2.2.2 **Skill Enhancement Lectures:**

1. An expert session on “Let Us Design User Experience “ was conducted by Mrs. Geetha Shivram, Mr. Varun Mevada, Mr. Ravi kuty, Mr. Pascal Interaction Designer, Ultimatix User Experience CoE, Tata Consultancy Services on 18th April 2022 (Monday) for final year students for the subject Human Machine Interactions.




**An expert session by Mr. Varun Mevada & Team**

2. An expert session on “OS Architecture , Operating System Applications & cloud, VM, Hypervisor, Containers, Kubernetes, Producer-Consumer Problem & Implementation” was conducted by Mr. Mohan Pawar, Senior DevOps Engineer at Cimpress India on 26th MArch 2022 for second year students for the subject “Operating System”.




**An expert Session by Mr. Mohan Pawar**

3. An expert session on “Technology Frontiers and High Energy Physics” was conducted by Prof. Shashikant Dugad, TIFR , Mumbai on 8th April 2022 for third year students for the subject “Artificial Intelligence”

**Presentation by Dr. Shashi Dugad**

**2.2.3 Certification Programs:**

**2.2.3.1 Oracle Certification:**

| Sr. No. | Name of the Student | Class | Course |
|---|---|---|---|
| 1 | Rounak Talreja | D12A | Database Design and Programming with SQL, Java Workshops |
| 2 | Gunjan Lalwani | D12A | Java Programming, Database Design and Programming with SQL |
| 3 | Chirag Parchani | D12B | Java Fundamentals, Database Design and Programming with SQL |
| 4 | Kartikey Verma | D12B | Database Design and Programming with SQL, Programming with PL/SQL |
| 5 | Gulam Mohammad Ali. | D12B | Database Design and Programming with SQL, Database Workshop |
| 6 | Kunal Wadhwani | D12B | Database Design and Programming with SQL, Artificial Intelligence with Machine Learning in Java |
| 7 | Varad Joshi | D12C | Database Foundations, Database Design and Programming with SQL |
| 8 | Amol Mali | D12C | Java Programming, Java Workshops |
| 9 | Om Madat | D7A | Database Design and Programming with SQL |

| | | | |
|---|---|---|---|
| 10 | Vansh Pahuja | D7A | Database Design and Programming with SQL, Artificial Intelligence with Machine Learning in Java |
| 11 | Aditi Bhatia | D7A | Database Foundations, Database Design and Programming with SQL |
| 12 | NIMISH CHIDRAWAR | D7A | Java Programming, Database Foundations |
| 13 | Yashraj Mulwani | D7A | Java Programming, Database Design and Programming with SQL |
| 14 | Rahul Motwani | D7A | Java Programming, Database Foundations |
| 15 | Pranav Ubarhande | D7A | Database Foundations, Database Workshop |
| 16 | Aaryan Manawat | D7A | Database Design and Programming with SQL, Artificial Intelligence with Machine Learning in Java |
| 17 | Shrey Panchamia | D7A | Java Programming, Artificial Intelligence with Machine Learning in Java |
| 18 | Prathamesh Thakur | D7A | Java Programming, Database Foundations |
| 19 | ISHADESAI | D7A | Java Fundamentals, Java Workshops |
| 20 | Meera Sawantdesai | D7A | Database Foundations, Artificial Intelligence with Machine Learning in Java |
| 21 | ChetaniyaBajaj | D7A | Database Foundations, Database Design and Programming with SQL |
| 22 | HarshLoya | D7A | Database Foundations, Programming with PL/SQL |
| 23 | FIGO CARDOZO | D7A | Java Foundations, Database Foundations |
| 24 | BhaveshBhatia | D7A | Java Fundamentals, Java Programming |
| 25 | Simran Lahrani | D7A | Java Programming, Database Workshop |
| 26 | MohitShahdadpuri | D7A | Database Foundations, Programming with PL/SQL |
| 27 | PriotoshMondal | D7A | Database Design and Programming with |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | SQL, Artificial Intelligence with Machine Learning in Java |
| | | | 28 | KAUSTUBHA SAHU | D7A | Java Fundamentals, Java Programming |
| | | | 29 | Kaushik Sahasranaman | D7A | Java Programming, Database Foundations |
| | | | 30 | Chaitanya Sondur | D7A | Java Fundamentals, Java Foundations |
| | | | 31 | Drishti Samvedi | D7B | Java Programming, Database Design and Programming with SQL |
| | | | 32 | Tithi Jhamnani | D7B | Java Foundations, Database Design and Programming with SQL |
| | | | 33 | Ritesh Tahilramani | D7B | Database Design and Programming with SQL, Programming with PL/SQL |
| | | | 34 | Prabha Pamula | D7B | Database Design and Programming with SQL, Artificial Intelligence with Machine Learning in Java |
| | | | 35 | Ayush Jain | D7B | Java Foundations, Database Design and Programming with SQL |
| | | | 36 | SIYA DOSHI | D7C | Java Foundations, Database Design and Programming with SQL |
| | | | 37 | Om Borate | D7C | Database Design and Programming with SQL, Database Workshop |
| | | | 38 | Aaditya Khetwani | D7C | Database Foundations, Database Design and Programming with SQL |
| | | | 39 | SUDHANSHU SABALE | D7C | Java Programming, Artificial Intelligence with Machine Learning in Java |
| | | | 40 | Yashvi Dhar | D7C | Oracle Application Express (APEX) Development Foundations, Artificial Intelligence with Machine Learning in Java |
| | | | 41 | Japneet Rajput | D7C | Database Design and Programming with SQL, Oracle Application Express (APEX) Development Foundations |

| | | | |
|---|---|---|---|
| 42 | Sujal Patil | D7C | Database Foundations, Database Design and Programming with SQL |
| 43 | Aayushi Salunkhe | D7C | Java Fundamentals, Java Programming |
| 44 | Aarya Lotke | D7C | Java Fundamentals, Java Programming |
| 45 | Vanshika Thakur | D7C | Java Foundations, Java Workshops |
| 46 | Divesh Mangtani | D7C | Java Programming, Database Design and Programming with SQL |
| 47 | Tarun Shetty | D7C | Java Programming, Database Design and Programming with SQL |
| 48 | Sachin Choudhary | D7C | Java Programming, Programming with PL/SQL |

**2.2.3.2 Coursera Certifications:**

| Sr. No | Full Name | Enrollments for the Course "# Completed Courses Cerificate Link" | # Enrollments | # Completions |
|---|---|---|---|---|
| 1 | Sawra Rahul Prakash | Linear Regression and Modeling ,Programming with Google Go | 1 | 1 |
| 2 | Wadhwani Alish Narayan | Introduction to Structured Query Language (SQL) | 1 | 1 |
| 3 | Chhabria Amit Dinesh | AWS Cloud Technical Essentials,AWS Fundamentals | 1 | 1 |
| 4 | Bhole Kalpesh Yashwant | Everyday Excel, Part 1,Preparing for Google Cloud Certification: Cloud Architect | 1 | 1 |
| 5 | Tolani Namrata Deepak | Structuring Machine Learning Projects | 1 | 1 |
| 6 | Kriplani Sejal | Introduction to Software | 1 | 1 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | Prakash | Product Management | | |
| | | | 7 | Lalwani Saurabh Kailash | Front-End Web UI Frameworks and Tools: Bootstrap 4,Full-Stack Web Development with React,Object Oriented Java Programming: Data Structures and Beyond | 1 | 1 |
| | | | 8 | Bote Aniket Devdas | Analyze Datasets and Train ML Models using AutoML,Practical Data Science | 1 | 1 |
| | | | 9 | Sagar Sidhwa | Foundations: Data, Data, Everywhere,Google Data Analytics | 1 | 1 |
| | | | 10 | Masand Nikhil Rajesh | Foundations: Data, Data, Everywhere | 1 | 1 |
| | | | 11 | Shreyas Udupa | Foundations: Data, Data, Everywhere,Google Data Analytics,Deep Learning | 1 | 1 |
| | | | 12 | Amin Ishma Laxmikanth | Introduction to Public Speaking,Dynamic Public Speaking | 1 | 1 |
| | | | 13 | Thakur Tejas Anil | Creating Multi Task Models With Keras,Building Modern Node.js Applications on AWS | 2 | 1 |
| | | | 14 | Ekade Hritwik Sushil | Develop Clustering Models with Azure ML Designer | 1 | 1 |
| | | | 15 | Dhopavkar Tejas Atul | Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning,DeepLearning.A | 1 | 1 |

| | | | | |
|---|---|---|---|---|
| | | I TensorFlow Developer | | |
| 16 | Varad Kshemkalyani | Crash Course on Python,Google IT Automation with Python | 1 | 1 |
| 17 | Nachnani Dimple Naresh | AI for Medical Diagnosis,AI for Medicine | 1 | 1 |
| 18 | Chhabria Jatin Jaykumar | AI for Medical Diagnosis,AI for Medicine | 1 | 1 |
| 19 | Singh Ayush Raj | Sequence Models | 1 | 1 |
| 20 | Telge Saurav Sunil | Introduction to Deep Learning,Advanced Machine Learning | 1 | 1 |
| 21 | Sarguroh Naveed Mohammed Saleem | Excel Skills for Business: Essentials,Excel Skills for Business | 1 | 1 |

**2.2.3.3 NPTEL Local Chapter:**

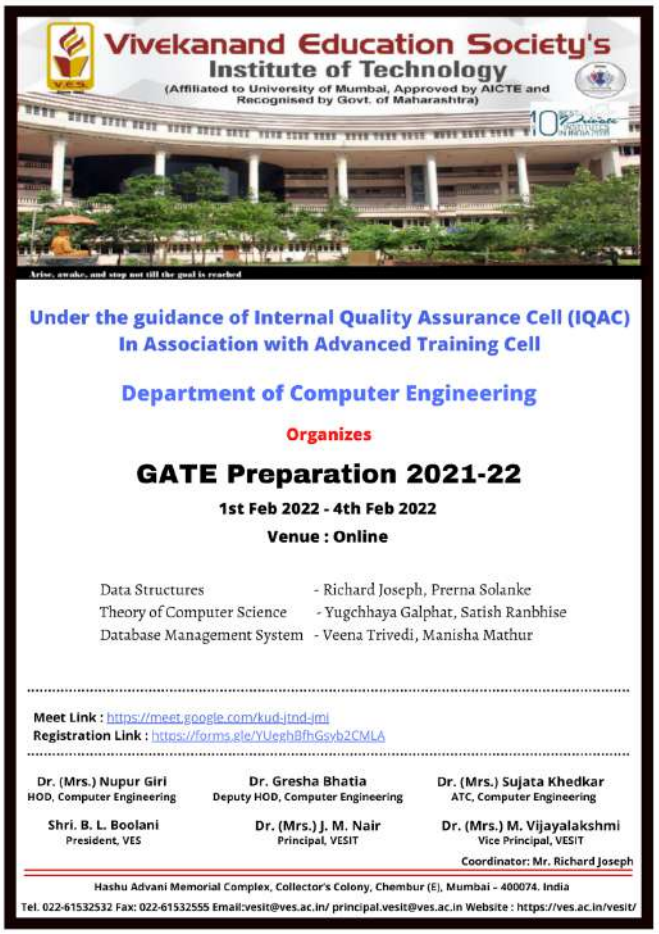
In the 2021-22 EVEN SEM Following Courses are offered to second year, third year and final year students through the NPTEL local chapter.

| Sr. No. | YEAR | NPTEL COURSE | START DATE | END DATE |
|---|---|---|---|---|
| 1 | BE | User-centric Computing for Human-Computer Interaction | 24-Jan-22 | 15-Apr-22 |
| 2 | BE/TE | Cloud Computing and Distributed Systems | 24-Jan-22 | 18-Mar-22 |
| 3 | TE | An Introduction to Artificial Intelligence | 24-Jan-22 | 15-Apr-22 |
| 4 | TE | Foundations of Cryptography | 24-Jan-22 | 15-Apr-22 |
| 5 | TE | Introduction To Internet Of Things | 24-Jan-22 | 15-Apr-22 |
| 6 | SE | The Joy of Computing using Python | 24-Jan-22 | 15-Apr-22 |

2.2.4 **GATE preparation course 21-22**

Department of Computer Engineering - VESIT, under the guidance of VESIT - IQAC and in association with Advanced Training Cell conducted the GATE

| | | | |
|---|---|---|---|
| | | | preparation course 21-22 to guide the students to appear in the GATE -2022 examination.<br><br>**Speakers**<br>● Mr. Richard Joseph(Assistant Professor)<br>● Mrs. Yugchaya Dhote(Assistant Professor)<br>● Mrs. Veena Trivedi(Assistant Professor)<br>● Mrs. Prerna Solanke(Assistant Professor)<br>● Mr. Satish Ranbhise(Assistant Professor)<br>● Mrs. Manisha Mathur(Assistant Professor)<br><br>**Faculty Coordinator**<br>Mr. Richard Joseph(Assistant Professor)<br><br>**Event Start Date:** 1st February, 2022<br>**Event End Date:** 4th February, 2022<br><br>**Venue:** Google Meet Platform<br>**Time :** 9:00 AM to 10:30 AM & 4:00 pm to 5:00 pm<br><br>**Event Poster:** |



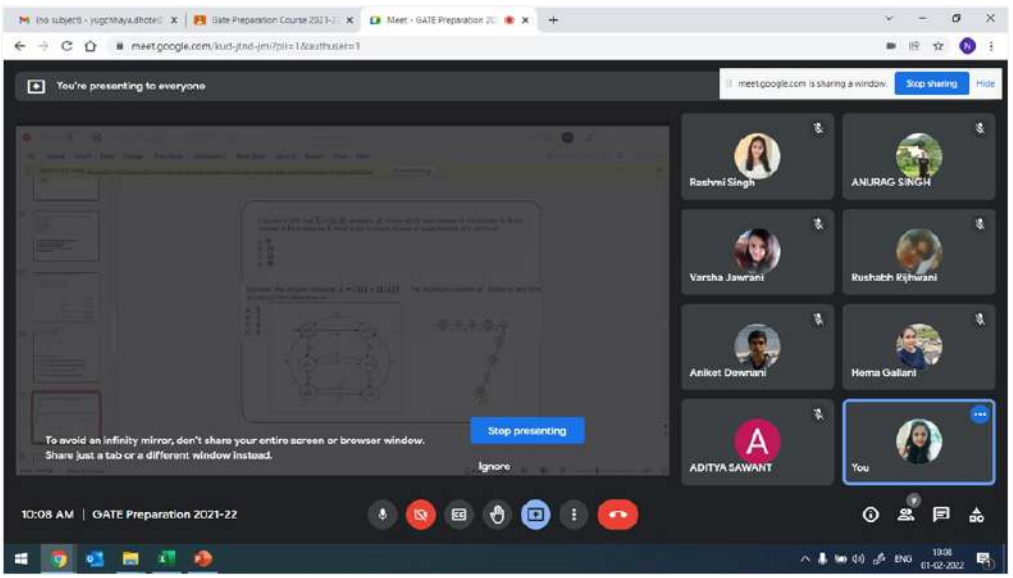

**Event Poster: GATE Preparation 2021-22**

**The list of Registered Students**

| S.No | Name | Class |
|---|---|---|
| 1 | Aniket Chandrapal Dewnani | D12B |
| 2 | Rashmi Singh | D12B |
| 3 | Varsha Jawrani | D12B |
| 4 | Kaustubh Keny | D12B |
| 5 | Kartikey Verma | D12B |
| 6 | Riya Shukla | D12B |
| 7 | Sakshi Talreja | D12C |

| | | |
|---|---|---|
| **8** | Niyanti Padave | D12C |
| **9** | Aditya Atmaram Sawant | D17A |
| **10** | Ruchika Dusija | D12A |
| **11** | Shrushti Govindwar | D12C |
| **12** | Ruturaj Wairkar | D12B |
| **13** | Hitesh | D12C |
| **14** | Anurag SIngh | D17B |
| **15** | Samita Mahesh Kanojia | D12B |
| **16** | Omkar Mane | D17A |
| **17** | Priyal Agarwal | D12B |
| **18** | Rushabh rijhwani | D12C |
| **19** | Praneel Rastogi | D17C |
| **20** | Tanya Bajaj | D12C |
| **21** | Rakshit Deshmukh | D12A |
| **22** | Chandni Megnani | D12C |
| **23** | Hema Gallani | D12C 18 |
| **24** | Neeharika Nagori | D12A |

**Screenshots:**




**Participants Attending GATE Preparation Course**

| | | | |
|---|---|---|---|
| | **2.3** | **Tinkerers' Lab : Code Cell Activities** | |
| | | 2.3.1 | **Flutter Workshop(Value Added Course) :**<br>A Value Added course was organized by the computer engg department to enhance the mobile application skills of the students. The course aimed at developing mobile applications on any platform using the flutter framework. The course initiated with the installation of the required softwares like android studio/VS code etc and then Dart programming was introduced to them.<br><br>The faculty involved have given students good exposure to the applications development in flutter .<br><br>**Speakers**<br>Mr. Richard Joseph(Assistant Professor)<br>Mrs. Veena Trivedi(Assistant Professor)<br>Mrs. Prerna Solanke(Assistant Professor)<br>Mr. Satish Ranbhise(Assistant Professor)<br>Mrs. Manisha Mathur(Assistant Professor)<br>Mrs. Priti Joshi(Assistant Professor) |

**Faculty Coordinator**

Mr. Richard Joseph(Assistant Professor)

Event Start Date: 5 th March, 2022

Event End Date: 9th April, 2022

**Venue:** Google Meet Platform

**Time :** 10:00 AM to 1:00 PM & 2:00 pm to 5:00 pm on every saturday

**Poster: Add-on Course on Flutter**

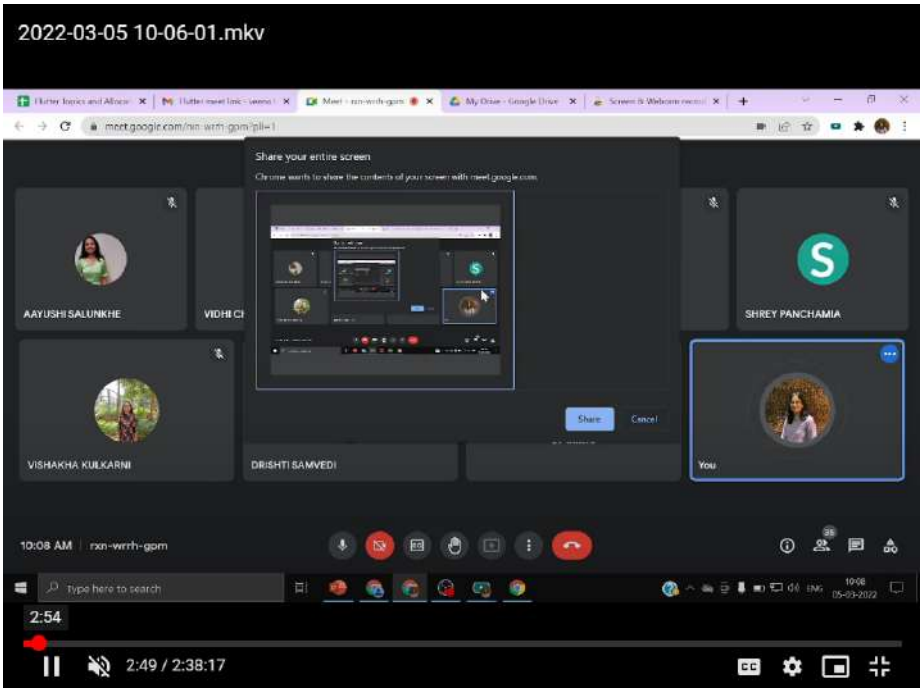
**List of Registered Students**

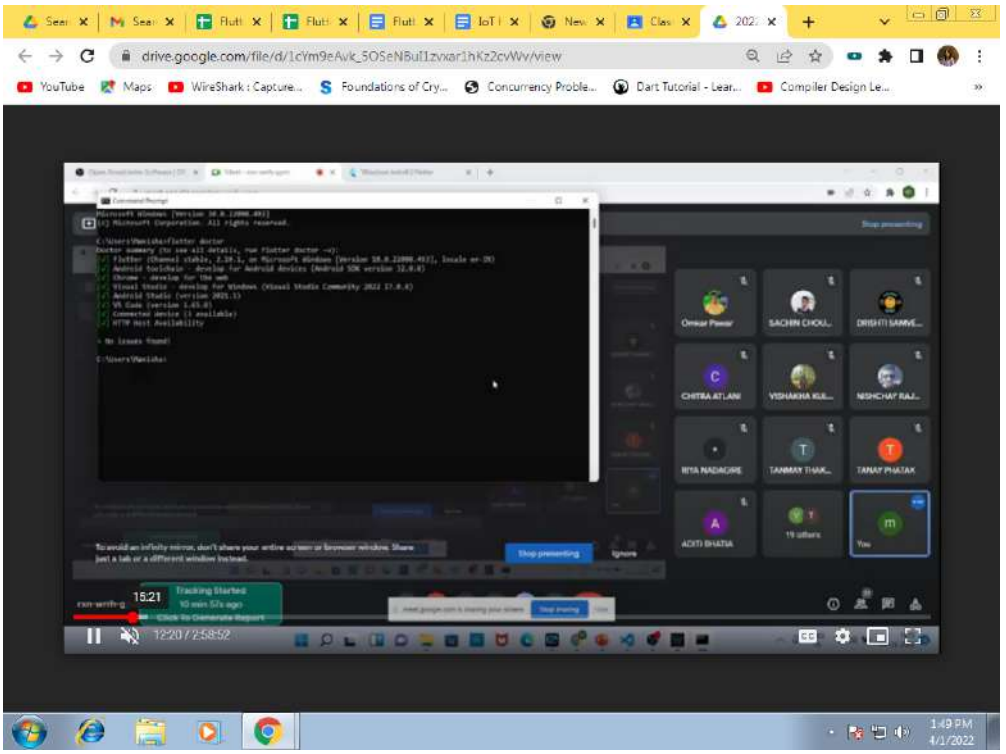
| S.No | Name | Class | S.No | Name | Class |
|---|---|---|---|---|---|
| 1 | Mohit Shahdadpuri | D7A | 43 | Ritika Hotwani | D7B |
| 2 | Ketaki Jambhekar | D7C | 44 | Aditya Nehete | D7B |
| 3 | Aditya Nehete | D7B | 45 | Prabha Pamula | D7B |
| 4 | Anishkumar Mahalingam Iyer | D7C | 46 | Harsh Bakhtar | D7B |
| 5 | Niranjan Prabhu Yeole | D7C | 47 | Mithil Wasrani | D7B |
| 6 | Sahil Nagdev | D7C | 48 | Shrey | D7A |
| 7 | Pallavi Saindane | | 49 | Tanay Phatak | D7B |
| 8 | Vansh Pahuja | D7A | 50 | Mithil Wasrani | D7B |
| 9 | Riya Nadagire | D7A | 51 | Vedansh Udhawani | D7B |
| 10 | Kaushik Sahasranaman | D7A | 52 | VIDHI CHIJWANI | D7B |
| 11 | Shubham Gupta | D7C | 53 | Deanna Fernandes | D7B |
| 12 | Om Madat | D7A | 54 | Ayush Jain | D7B |
| 13 | ISHA DESAI | D7A | 55 | Nikita Narwani | D7C |
| 14 | Vedansh Udhawani | D7B | 56 | Meera Mandar Sawantdesai | D7A |
| 15 | Chaitanya Sondur | D7A | 57 | Siya Doshi | D7C |
| 16 | Figo Evander Cardozo | D7A | 58 | NIKHIL HASWANI | D7A |
| 17 | Tithi Jhamnani | D7B | 59 | Japneet Rajput | D7C |
| 18 | Drishti Samvedi | D7B | 60 | Swapnil Sachin Thatte | D7C |
| 19 | Paraskumar Panchal | D7C | 61 | Japneet Rajput | D7C |
| 20 | Aarya Lotke | D7C | 62 | Ayush Jain | D7B |

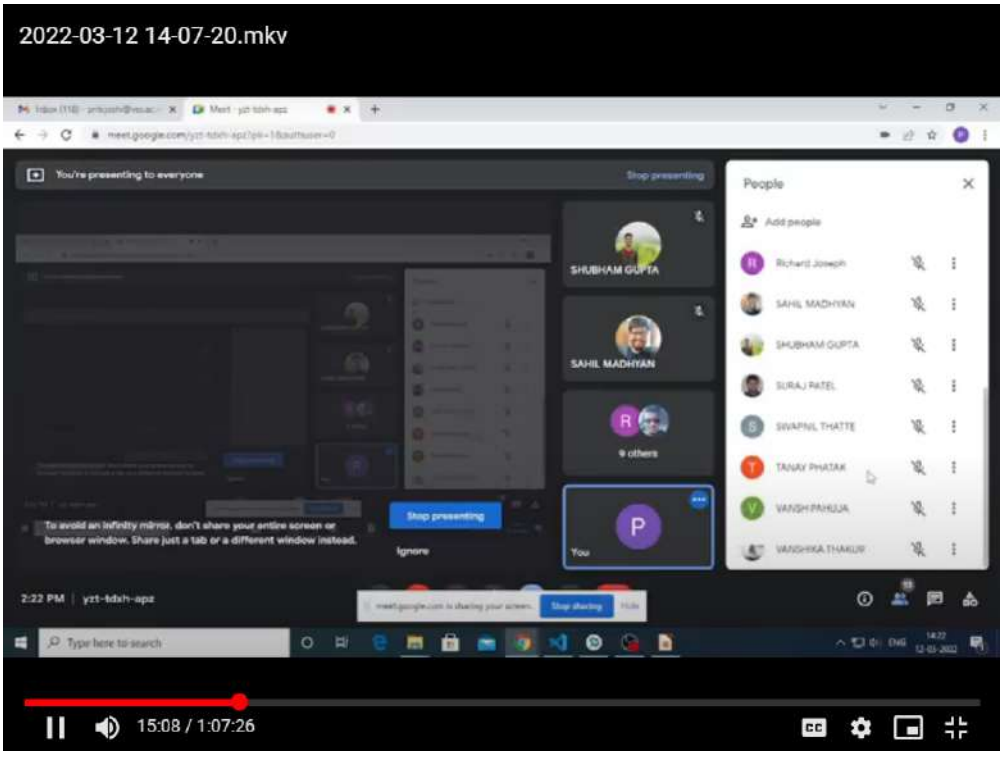
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | **21** | Gaurav Vikesh Ambartani | D7C | **63** | Siya Doshi | D7C |
| | | | **22** | Pushkaraj Baradkar | D7B | **64** | Mithil Wasrani | D7B |
| | | | **23** | Nikita Narwani | D7C | **65** | AARYAN MANAWAT | D7A |
| | | | **24** | Aayushi Salunkhe | D7C | **66** | Chitra Prakash Atlani | D7C |
| | | | **25** | Sahil Madhyan | D7C | **67** | Navin idnani | D7C |
| | | | **26** | Vanshika Thakur | D7C | **68** | Thakare Tanmay Surendra | D7B |
| | | | **27** | Om Borate | D7C | **69** | Yash Pahlani | D7B |
| | | | **28** | Vishakha Kulkarni | D7C | **70** | Sachin Choudhary | D7C |
| | | | **29** | Anuj Bagad | D7C | **71** | Mansi Bellani | D7C |
| | | | **30** | Sahil Talreja | D7C | **72** | Bhargav Mungekar | D7C |
| | | | **31** | Prem Tarun Chawla | D7B | **73** | Tarun Shetty | D7C |
| | | | **32** | Shalini Sanjay Mirani | D7C | **74** | Aayush Hemendra Shribatho | D7A |
| | | | **33** | Aayush Talreja | D7C | **75** | Suraj Harilal Patel | D7C |
| | | | **34** | ROMESH UMESH LULLA | D7C | **76** | Teesha Karotra | D7B |
| | | | **35** | Yashvi Dhar | D7C | **77** | Nishchay Rajpal | D7C |
| | | | **36** | Priotosh Mondal | D7A | **78** | Prathamesh Bhosale | D7B |
| | | | **37** | Sanjana Bhojwani | D7C | **79** | Yash Kaka | D7B |
| | | | **38** | Aditi Bhatia | D7A | **80** | Kaustubha Sahu | D7A |
| | | | **39** | KESAR JOTWANI | D7A | **81** | Suraj Patel | D7C |
| | | | **40** | Digvijay Kocharekar | D7B | **82** | Kaustubha Sahu | D7A |
| | | | **41** | Sakshi Bhojwani | D7B | **83** | Sujal Patil | D7C |

| | | | | | | |
|---|---|---|---|---|---|---|
| **42** | Harsh Bakhtar | D7B | **84** | SUDHANSHU SABALE | D7C |

**Screenshots of the classes taken**




drive.google.com/file/d/1cYm9eAvk_5OSeNBuf1zvxar1hKz2cvWv/view
YouTube
Maps
WireShark : Capture...
Foundations of Cry...
Concurrency Proble...
Dart Tutorial - Lear...
Compiler Design Le...
15:21
12:20 / 2:58:52
1:49 PM
4/1/2022


2022-03-12 14-07-20.mkv
You're presenting to everyone
Stop presenting
People
Add people
SHUBHAM GUPTA
SAHIL MADHYAN
9 others
To avoid an infinity mirror, don't share your entire screen or browser window. Share just a tab or a different window instead.
Ignore
You
2:22 PM | yzt-tdxh-apz
15:08 / 1:07:26

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| | | 2.3.2 | **Chai API Charcha : Workshop and API Development Competition in Association with** VESIT - IIC (Institute Innovation Council) & VESIT - IQAC (Institute Quality Assurance Cell)<br><br>A session was conducted by Tinkerer's CodeCell Department, under the guidance of Dr.(Mrs) Nupur Giri (HOD, Computer Engineering), Mr. Prashant Kanade (CodeCell in charge), Mr. Richard Joseph (CodeCell co-ordinator), and Mrs. Geocey Shejy (CodeCell co-ordinator).<br><br>Date: 28th March 2022, Monday<br>Time: 10 PM- 12 PM (Workshop)<br>1 PM -3 PM (Competition<br>Platform: Offline (Room no: B32)<br>Speakers: Yashraj Desai<br>No of attendees: 80<br>Sponsored by: GITHUB<br> <br><br>***Event Poster:*** **Chai API Charcha : Workshop and API Development Competition** |

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| | | | **Summary:**<br>The event was open to all the departments, and there was a huge turnout, with approximately 40 teams i.e around 80 people were in attendance for the workshop and 15 teams competing in the competition.<br>The event commenced with a short welcome address given by our HOD Dr. (Mrs.) Nupur Giri who was also accompanied by our codecell in charge Mr. Prashant Kanade and Coordinator Mr. Richard Joseph. The primary goal of the event was to motivate students to learn new things and implement them as well. The students were introduced to the concept of APIs and their implementation using nodejs, Chai, and swaggerhub.<br><br>The workshop began with a basic introduction to APIs, which included real-world examples and their uses in everyday life.<br>The workshop then progressed to the programming portion, which was done with nodejs. Because the participants were coding at the same time, it was a hands-on experience for them. Throughout the workshop, our team answered all of the participants' questions. Later, using Chai and swaggerhub, the participants were taught how to build and test APIs.<br><br>The second part of the event was the competition. All teams were given a problem statement to create their APIs and 2 hours were given to complete the task. Meanwhile, the participants were also served tea(chai) . Finally, they were instructed to upload their documentation on GitHub. Overall, the event was a huge success. Chai API Charcha received an overwhelming response from the audience.<br><br>**Organizing Committee Members (Staff):**<br>1. Dr. Mrs. Nupur Giri (H.O.D - Computer Department)<br>2. Dr. Mr. Prashant Kanade<br>3. Prof. Mr. Richard Joseph<br>4. Prof.Mrs. Geocey Shejy<br><br>**Organizing Committee Members :**<br>● Codecell Student Council |

**Event Photos:**

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| | **2.4** | **Project Innovations / Competitions** | |
| | | 2.4.1 | **VISAI 2022 International Project competition** - VIRTUAL 12th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION<br><br>**Project Title:** Prime Era - One Place for Learning Fundamentals Of Regional Languages Members:<br><br>**Team Members:** Siddhesh Gadge, Kedar Kharde,Rohit Jadhav, Siddhesh Bhere<br><br>**Mentor :** Mrs. Indu Dokare<br><br>**Achievement :** 1st Position<br><br> <br><br> <br>**Prof. Indu Dokare with Student Team** |

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| | | 2.4.2 | **Creative Ideas & Innovations In Action (CIIA) Contest** :<br><br>Under the guidance of VESIT-IIC, students of the Department of Computer Engineering attended the **Creative Ideas & Innovations In Action (CIIA) Contest** (a project by the Rotary Club of Bombay and Baldev Sharma's Marshalls Foundation powered by The Times of India Group) conducted on **29th March & 30th March 2022.** Out of the 15 groups that participated for the contest from the Institute, **6 groups were selected from the Department of Computer Engineering.** It was an opportunity for them to showcase their working models to Startups, Research Institution, Industry, Corporates, Defense or other Establishments. Along with the Expression of Interest received, students were motivated towards enhancing their projects to the next level.<br><br> <br>***Students along with Mentors on Day 1 (29th March 2022)***<br><br>The Projects presented by the students were as follows:<br><br>1. **<u>Group - 1 :</u>**<br>**Project Title :** VoteChain is a decentralized voting system using blockchain technology<br>**Team Members:** Payal Kukreja (D12C), Payal Mangtani (D12B), Sakshi Ailsinghani (D12A), Kumodh Kukreja (D12B)<br>**Mentor:** Prof. Veena Trivedi |

***Prof. Veena Trivedi along with the student Team***

2. **<u>Group - 2 :</u>**

**Project Title :** A web application to record daily whereabouts of the user

**Team Members :** Jahnavi Mulchandani(D12A),
Shruti Koku (D12A),
Aryan Gupta(D12A),
Ruchika Dusija(D12A

**Mentor** **:** Prof. Mannat Doultani

***Prof. Mannat Doutlani along with the student Team***

3. **<u>Group - 3 :</u>**

**Project Title :** 'Covid Detection from Normal and Pneumonia cases using Chest X-Ray'

**Team Members** : Nirmiti Sali (D12C),
Srushti Biwalkar (D12C),
Nimisha Khadilkar (D12C),
Amisha Swamy(D12C)

**Mentor** : Prof. Nusrat Ansari

***Prof. Nusrat Ansari with the student Team***

4. **<u>Group - 4 :</u>**

**Project Title :** Road Conditions Detection

**Team Members** **:**Sneha Karthik(D12C),
Srishti Shetty(D12C),
Gauri Mahajan(D12C),
Mrunmayee Waingankar(D12C)

**Mentor** **:** Prof. Vidya Zope

***Prof. Vidya Zope along with the student Team***

**5. <u>Group - 5 :</u>**

**Project Title :** Tomato Leaf Disease Detection System

**Team Members** **:** Akhil Chakkungal (D12B),
Riya Shukla(D12B),
Samita Kanojia(D12B),
Palak Garg(D12B)

**Mentor** **:** Lifna C.S

***Prof. Lifna C S along with student Team***

6. **<u>Group - 6 :</u>**

**Project Title :** Build essential cognitive skills through various memory games

**Team Members** **:** Roshni jaisinghani (D7A),
Sahil Dodeja(D7A),
Vanshika Makhijani(D7A),
Divya Makhija(D7A)

**Mentor** **:** Prof. Pallavi Saindane

***Prof. Pallavi Saindane along with the student Team***

2.4.3

**Internal Hackathon : For Smart India Hackathon 2022 (19th March 2022)**

VESIT had called registrations for SIH 2022. 51 software teams and 6 Hardware teams were registered. Toal 26 teams from CMPN registered for the software category. The elimination Round was conducted by VESIT Renaissance Cell. **17 software teams from CMPN were shortlisted for the Internal Hackathon**. Internal Hackathon was conducted in offline mode on 19th March 2022 in VESIT Library from 8:30 am to 5:00 pm .

**6 final teams and 2 waiting teams were shortlisted from CMPN** for SIH 2022.

**Details of the participating teams are as below:**

| SR. No. | Team Name | Team Members | Problem Statement Title | Award/ Achievement |
|---|---|---|---|---|
| 1 | BetaVerse | Kunal Kotkar/D17B<br>Sanket Jangale/D17B<br>Tanvi Shetty/D17B<br>Rohit Jadhav/D17B<br>Siddhesh Bhere/D17B | Artificial Intelligence Based mobile application for the workers and website based admin tool for management. | Finalist |
| 2 | ByteCoders | Aashish Nair/D12C<br>Mihir Pamnani/D12C<br>Mrunmayee Waingankar/D12C<br>Akash Sonare/D12C | Speech Emotion Recognition (SER) on live calls while creating events | Finalist |

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| | | | Sneha Karthik/D12C<br>Jay Deshmukh/D12C | | |
| 3 | Tensors | Tejas Mahajan/D12A<br>Rushabh RIjhwani/D12C<br>Juhi Chhatlani?D12A<br>Vaidehi Bhagwat/D12A<br>Aishwarya Krishnamurthy/D12A<br>Himanshu Behra/D12B | Student Innovation | Finalist |
| 4 | Binary Brains | Garv Jhangiani/D12A<br>Muskan Hassanandani/D12A<br>Shreya Hegde/D12A<br>Prerak Moolchandani/D12A<br>Orijeet Mukherjee/D12A<br>Kapish Madhwani/D12A | Optimum proximal fuel station indicator | Finalist |
| 5 | Solution Makers | Sejal Kriplani/D17C<br>Dimple Nachnani/D17C<br>Mayur Pawar/D17A<br>Etisha Mathurvaishya/D17C<br>Khushi Zawar/D17B | Attendance systems for students of government aided schools | Finalist |
| 6 | INNOVATORS | Varun Bhat<br>Manasee Parulekar<br>Bhuvana Raisinghani<br>Shubhranshu Arya<br>Amit Chhabria<br>Divesh Hariani | Enabling alternative accessible strategies for persons with speech impairment. | Finalist |
| 7 | The Hex Clan | Paras Patil/D12B<br>Rashmi Singh/D12B<br>Asmita Bhangare/D12B<br>Shubhangi Zope/D12B<br>Hrithika Singh/D12B<br>Vishesh Mittal/D12B | Student Innovation | Finalist (Waiting List) |
| 8 | BridgeTheGap | Yashraj Desai/D12B<br>Shreyas Poojari/D12B<br>Mihir Rane/D12B<br>Aniket Dewnani/D12B<br>Dhruvisha Mondhe/D12B<br>Rutuja Patil/D12B | Making Career Choices and AI-based counseling accessible to every child at secondary level along with aptitude test and Detailed Career Paths | Finalist (Waiting List) |
| 9 | HexCoderz | Shubham Zope/D12AJ N Guru Akaash/D12A<br>Minal Katware/D12A<br>Anurag Saraswat/D12A<br>Nihar Kenny/D12A | An AI/ML based solution that generates short summaries of press releases for easy and more targeted dissemination of | Shortlisted for Round I |

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| | | | information to the people. Such a TL,DR (Too Long, Didn't Read) software may be integrated in an app-based solution. | | |
| 10 | API Dhillon | Shreeja Nanda/D17B<br>Shreyas Udupa/D17B<br>Manoj Ayyappan/D17BAashish Nagpal/D17B<br>Anmol Devnani/D17B<br>Gurudatt Gaonkar/D17B | Develop an application that can detect tumors on lung CT scans for diagnosis of Lung Carcinoma | shortlisted for round I |
| 11 | Webscape | Mohit Shahdadpuri/D7A<br>Isha Desai/D7A<br>Riya Nadagire/D7A<br>Chaitanya Sondur/D7A<br>Vansh Pahuja/D7A<br>Kaushik Sahasranaman/D7A | Tracking the attendance of students for timely granting of aids from government. | Shortlisted for round I |
| 12 | INNOVATORS | shivani kulkarni/D17C<br>Saloni Ingle/D17C<br><br>Yashkumar Jain/D17B<br>Aniket Pawar/D17A<br>Jayesh Dhanrajni/D17B | A straightforward framework for automatic proctoring to create online tests, effortlessly. | Shortlisted for round I |
| 13 | The Six-Up | Radhika Katiyara/D12A , Drishti Katiyara/D12B , Laveena Kithani/D12A , Varsha Jawrani/D12B , Payal Kukreja/D12C | Digital Grammer Teacher | Shortlisted for round I |
| 14 | HEXA\CODE | Krish Amesur/D17A<br>Aditya Gurnani/D17A<br>Omkar Mane/D17A<br>Advait Naik/D17A/<br>Aabha Ranade/D17A<br>Rashmi Manwani/D17A | A simplified app for assessment of reading and writing difficulties in persons with Specific Learning Disabilities. | Shortlisted for round I |
| 15 | Code Brigade | Puneet Meghrajani/D17A<br>Divya Raisinghani/D17A<br>Sejal Budhani/D17A<br>Riya Matwani/D17A<br>Gauravi Tolamatti/D17A<br>Sakshee Sawant/D17B | Accessing visual information (written information) by persons with visual disability. | Shortlisted for round I |
| 16 | Bugs & Bytes | Yash Wadhwani/D17C<br>Bhavesh Lohana/D17C | Attendance systems for students of government | Shortlisted for round I |

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| | | | Dimple Nachnani/D17C<br>Harshita Kanal/D17C<br>Jatin Chhabria/D17C<br>Muskan Tanna/D17C | aided schools | |
| | | 17 | Grassrooters | Tanay Phatak/D7B<br>Neeraj Chawla/D7B<br>Yashraj Mulwani/D7A<br>Paarth Kulkarni/D12B<br>Shivoham Angal/D12B | App for government asset management | Shortlisted for round I |
| | | 18 | Coding Wizards | Srushti Biwalkar/D12C<br>Chouhan/D12CGadhave/D12C<br>Nikita Jha/D12C<br>Shaikh Insha/D12C | E-commerce for Artisans | Participant |
| | | 19 | BetaVerse | Kunal Kotkar/D17B<br>Sanket Jangale/D17B<br>Tanvi Shetty/D17B<br>Rohit Jadhav/D17B<br>Siddhesh Bhere/D17B | Ticketless Entry System to Monuments/Museums | Participant |
| | | 20 | Debug Entity | Sakshi Talreja/D12C<br>Riya Ranglani/D12C<br>Nimisha Khadilkar/D12C<br>Anand Tekwani/D12C<br>Amisha Swamy/D12C | Attendance systems for students of government aided schools. | Participant |
| | | 21 | Technocrats | Yash Narkhede/D7B<br>Japneet Rajput/D7C<br>Yashvi Dhar/D7C | To develop Mobile software for guiding the tourist (Char Dham Yatra & other places) in Uttarakhand state. | Participant |
| | | 22 | ByteCoders | Aashish Nair/D12C<br>Mihir Pamnani/D12C<br>Mrunmayee Waingankar/D12C<br>Sneha Karthik/D12C<br>Akash Sonare/D12C<br>Jay Deshmukh/D12C | Speech Emotion Recognition (SER) on live calls while creating events. | Participant |
| | | 23 | Team JARVIS | Shivani Shenai/D17B<br>Vedant Sawant/D17B<br>Gaurav Patil/D17B<br>Saurav Telge/D17A<br>Maitraiyi Dandekar/D17B<br>Abhijit Thikekar/D17A | NR1167 : Developing a solution for Gesture enabled commands for operating Laptops/PCs for frequently used operations on daily basis. | Participant |
| | | 24 | tashyd | Ayush Jain/D7B | AI based chatbox | Participant |

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| | Siya Doshi/D7C<br>Harsh Bakhtar/D7B<br>Tanmay Thakare/D7B<br>Dhananjay Pai/D7B<br>Yash Brid/DSE/CMPN/ | | |
| 25 | TechBots | Tanmay Thakare/D7B<br>Harsh Bakhtar/D7B<br>Ayush Jain/D7B<br>Siya Doshi/D7C<br>Dhananjay Pai/D7B<br>Yash Brid/D7B | AI based Chatbot to answer FAQs | Participant |
| 26 | Webscape | Mohit Shahdadpuri/D7A<br>Isha Desai/D7A<br>Riya Nadagire/D7A<br>Chaitanya Sondur/D7A<br>Vansh Pahuja/D7A<br>Kaushik Sahasranaman/D7A | To develop one's ability to manage time for relevant aspects of one's life | Participant |

2.4.4 **LBS Championship 2021-22:**

| S.No. | Title of the project | Team Members | Mentor | Awards |
|---|---|---|---|---|
| 1 | GistGator (MoM) | Shubham Zope D12A<br>Ajay Nair D12A<br>J N Guru Akaash D12A<br>Nihar Kenny D12A | Mrs. Ruchi Rautela | 2nd Runner Up |
| 2 | AttendMe:Student Attendance System Using NFC | Riya Shukla D12B<br>Akhil Chakkungal D12B<br>Samita Kanojia D12B<br>Palak Garg D12B | Dr. Dhanamma Jagli | Finalist |
| 3 | Kisan Mitra Bot | Yashraj Desai D12B<br>Aniket Dewnani D12B<br>Shreyas Poojari D12B<br>Mihir Rane D12B | Dr. Nandini Ammanagi | Finalist |
| 4 | Online Railway Ticket Booking System | Isha Desai D7A<br>Riya Nadagire D7A | Mrs. Mannat Doultani | Finalist |
| 5 | SHIKSHA - A Career Guide | Yash Kriplani - D12A<br>Disha Raghani - D12A<br>Chirag Dayaramani D12A<br>Laveena Kithani - D12A | Dr.Saylee Gharge | Finalist |
| 6 | Forum for VES | Anurag Saraswat D12A<br>Manigandan Kasimani D12A<br>Karan Sharma D12A<br>Prithvi Kumar D12A | Mr. Prashant Kanade | Finalist |
| 7 | Caeser Cipher Cyber | Yashraj Mulwani D7A | Mrs. Amrita | Participant |

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| | | | | Security | Nikhil haswani D7A | Jhaveri | |
| | | | 8 | Disaster Response using Twitter | Meet Patel D12A<br>Varun Tripathy D12A<br>Aashutosh Baraskar D12A<br>Yogesh Khatri D12A | Mrs. Dipti Karani | Participant |
| | | | 9 | Hospital Management System | Gautam Wadhwani (D7B)<br>Yash Narkhede (D7B)<br>Vinit Patil(D7B)<br>Tanmay Thakare(D7B)<br>Dhananjay Pai D7B | Mrs. Nusrat Ansari | Participant |
| | | | 10 | KeyLogger | Om Madat D7A<br>Figo Cardozo D7A | Mrs. Asha Bharambe | Participant |
| | | | 11 | VED : Ayurvedic website | Bhargav Mungekar D7C,<br>Aarya Lotke D7C,<br>Suraj Patel D7C,<br>Niranjan Yeole D7C | Mrs. Jayshree Hajgude | Participant |
| | | 2.4.5 | **Departmental Technology Day, Pradarshan'22:**<br><br>Department of Computer Engineering, VESIT in association with IQAC organized Departmental Technology Day, Pradarshan'22 (A Project Competition) on 28th March,2022 Monday. | | | | |

**Event Poster : Pradarshan'22**

**Details of the Student Teams:**

| Sr. No. | Name of the Students | Class | Project Title | Area of Specialization | Mentor Name | Award |
|---|---|---|---|---|---|---|
| 1 | Nirmiti Sali | D12C | Detection of Covid-19 using Chest X-Rays | Image Processing | Mrs. Nusrat Ansari | 1st Prize |
| | Srushti Biwalkar | D12C | | | | |
| | Nimisha Khadilkar | D12C | | | | |
| | Amisha Swamy | D12C | | | | |

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| 2 | Siddhesh Gadge | D17B | Prime Era - One place for learning fundamentals of Indian regional languages and Indian sign language | Product design and Development | Mrs. Indu Dokare | 1st Prize |
| | Siddhesh Bhere | D17B | | | | |
| | Rohit Jadhav | D17B | | | | |
| | Kedar Kharde | D17B | | | | |
| 3 | Prem Chhabria | D17B | Secured Data Communication | Networking and Security | Dr. Sharmila Sengupta + Mrs. Sunita Suralkar | 2nd Prize |
| | Jay Jhaveri | D17B | | | | |
| | Abhay Gupta | D17B | | | | |
| | Neeraj Ochani | D17B | | | | |
| 4 | Parthesh Pawar | D17B | Unremitting Surveillance: A Patient Monitoring System | IoT and Robotics | Mr. Richard Joseph | 2nd Prize |
| | Sanket Jangale | D17B | | | | |
| | Kunal Kotkar | D17B | | | | |
| | Aashish Nagpal | D17B | | | | |
| 5 | Akhil Chakkungal | D12B | Identifying Foliar Diseases in Tomato Plants | Data analytics and Machine Learning | Mrs Lifna.C.S | 3rd Prize |
| | Riya Shukla | D12B | | | | |
| | Samita Kanojia | D12B | | | | |
| | Palak Garg | D12B | | | | |
| 6 | Sahil Lotya | D17B | Detection of ADR from vaccine safety data | Industry | Sujata Khedkar | 3rd Prize |
| | Nikhil gangaramani | D17c | | | | |
| | Akansha Ahuja | D17A | | | | |
| | Shivani Kulkarni | D17C | | | | |
| 7 | Roshni jaisinghani | D7A | Android - Memory Game Development for Kindergarten | Product design and Development | Mrs. Pallavi Saindane/ Mrs. Ashwini Gaikwad | Finalist |
| | Sahil Dodeja | D7A | | | | |
| | Vanshika Makhijani | D7A | | | | |
| | Divya Makhija | D7A | | | | |
| 8 | Payal Kukreja | D12C | Votechain : A Decentralized Voting System | Networking and Security | Mrs. Veena Trivedi | Finalist |
| | Payal Mangtani | D12B | | | | |
| | Sakshi Ailsinghani | D12A | | | | |
| | Kumodh Kukreja | D12B | | | | |
| 9 | Jahnavi Mulchandani | D12A | Amigo: My virtual friend | Data analytics and Machine Learning | Mrs.Mannat Doultani | Finalist |
| | Shruti Koku | D12A | | | | |
| | Aryan Gupta | D12A | | | | |
| | Ruchika Dusija | D12A | | | | |
| 10 | Sneha Karthik | D12C | Road Condition Detection | Image Processing | Mrs. Vidya Zope | Finalist |
| | Srishti Shetty | D12C | | | | |

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| | Gauri Mahajan | D12C | | | | | |
| | Mrunmayee Waingankar | D12C | | | | | |
| 11 | Manasvi Patwa | D12C | Towards attaining SDG with AI: assessment of riverine plastics | AI, Deep Learning and DWH Mining | Mrs.Sharmila Sengupta | Finalist |
| | Bhavika Chattani | D12C | | | | |
| | Sahil Deshmukh | D12A | | | | |
| | Varnit Batheja | D12A | | | | |
| 12 | J N Guru Akaash | D12A | AI based statistical analysis of land-use plastic pollution in India | AI, Deep Learning and DWH Mining | Mrs.Priya R.L. | Finalist |
| | Nair Ajay Ravidran | D12A | | | | |
| | Manigandan Kasimani | D12A | | | | |
| | Varun Tripathy | D12A | | | | |
| 13 | Parth Paresh Wadke | D12A | Forecasting of Carbon Emission due to Meat Industry | AI, Deep Learning and DWH Mining | Mrs. Sunita Sahu, Mrs. Richa Sharma & Mrs. Manisha Mathur | Finalist |
| | Vivek Shivkumar Gonal | D12A | | | | |
| | Divesh Vijay Watwani | D12A | | | | |
| | Prithviraj Chavan | D12B | | | | |
| 14 | Aashish Ramesh Raheja | D12B | Climate, Air Pollution and Forest fires : AI based models for Indian case study. | AI, Deep Learning and DWH Mining | Dr. Mrs.Nupur Giri | Finalist |
| | Kartikey Verma | D12B | | | | |
| | Ashwin Pansare | D12B | | | | |
| 15 | Amit Dinesh Chhabria | D17C | Cloud Computing & HPC | Automated visual inspection of silicon detectors in CMS experiment | Dr. Nupur Giri | Finalist |
| | Rashmi Manwani | D17A | | | | |
| | Priyanka Asrani | D17C | | | | |
| 16 | Swarangi Dali | D17C | | | Mr. Richard Joseph | Finalist |
| | Vaishnavi Ainapure | D17A | | | | |
| | Ajay Singh Khalsa | D17C | | | | |
| 17 | Aabha Ranade | D17A | AI, Deep Learning and DWH Mining | OCR Based Systems | Mrs. Priya R. L + Mrs. Lifna C.S | Finalist |
| | Dhwani Serai | D17B | | | | |
| | Dhiren Soneji | D17A | | | | |
| | Abhinav Sharma | D17A | | | | |
| 18 | Salonee Velonde | D17B | Data analytics and Machine Learning | Touchless Attendance System | Dr. Gresha Bhatia + Mrs. Abha Tewari | Finalist |
| | Dimple Nachnani | D17C | | | | |
| | Mayur Manik Pawar | D17A | | | | |
| | Sejal Kriplani | D17C | | | | |

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| 19 | Rahul Koli | D17B | Product design and Development | Business Meeting Summarization | Rupali Hande | Finalist |
| | Jayant Mukundam | D17C | | | | |
| | Muskaan Sharma | D17A | | | | |
| | Harshita Mishra | D17C | | | | |
| 20 | Rounak Talreja | D12A | Industry (Product design and Development ) | Paddy: To detect and prevent paddy crop disease | Mrs.Sharmila Sengupta | Finalist |
| | Prium Rohera | D12A | | | | |
| | Varsha Jawrani | D12B | | | | |
| | Bhajan Watwani | D12C | | | | |
| 21 | Shreya Shah | D17C | Industry (Product design and Development ) | AgriCare | Mrs.Sharmila Sengupta | Finalist |
| | Ian Sequeira | D17C | | | | |
| | Etisha Mathurvaishya | D17C | | | | |
| | Chinmay Waykole | D17C | | | | |
| 22 | Dheeraj C. Yadav | D12C | Image Processsing | Sign Language Recognition System | Rupali Hande | Finalist |
| | Laksh Lalwani | D12C | | | | |
| | Naman Tahilyani | D12C | | | | |
| | Shubham Goswami | D12C | | | | |

2.4.6 **Avishkar Projects :**

| Sr. No. | Name of the Student | Title of the project | Mentor | Award |
|---|---|---|---|---|
| 1 | Siddhesh Gadge<br>Siddhesh Bhere<br>Rohit Jadhav<br>Kedar Kharde | Prime Era - One place for learning fundamentals of Indian regional languages and Indian sign language | Mrs. Indu Dokare | Participant (ongoing) |
| 2 | Parthesh Pawar<br>Sanket Jangale<br>Kunal Kotkar<br>Aashish Nagpal | Unremitting Surveillance: A Patient Monitoring System | Mr. Richard Joseph | Participant( ongoing) |

2.4.7 **Tech4Good-2022 A National Level Technical Conclave:**

Total 10 teams from CMPN were shortlisted for Tech4Good-2022,organized by VESIT. Tech4Good 2022 was A national-level platform to showcase the productive work done by students and Faculty using Advanced Technological innovations for the betterment of society.

**2.5 Industry Projects:**

| Sr. No. | Name Of the Students | Class | Mentor | Title of the Project | Industry |
|---|---|---|---|---|---|
| 1 | Sahil Lotya | D17B | Dr. Sujata Khedkar | Detection of adverse drug reaction using vaccine safety data | **CereLabs Collaboration 2021-22** |
| | Nikhil Gangaramani | D17C | | | |
| | Akansha Ahuja | D17A | | | |
| | Shivani kulkarni | D17C | | | |
| 2 | Rahul Koli | D17B | Mrs. Rupali Hande | Business Meeting Summarisation using LSTM Framework | |
| | Jayant Mukundam | D17C | | | |
| | Muskaan Sharma | D17A | | | |
| | Harshita Mishra | D17C | | | |
| 3 | Amit Dinesh Chhabria | D12C | Dr. Nupur Giri | Automated visual inspection of silicon detectors in CMS experiment | **TIFR Mumbai** |
| | Rashmi Manwani | D12A | | | |
| | Priyanka Asrani | D12C | | | |
| 4 | Swarangi Dali | D12C | Mr. Richard Joseph | | |
| | Vaishnavi Ainapure | D12A | | | |
| | Ajay Singh Khalsa | D12C | | | |
| 5 | Aabha Ranade | D12A | Mrs. Priya R. L + Mrs. Lifna C.S | OCR Based Systems | |
| | Dhwani Serai | D12B | | | |
| | Dhiren Soneji | D12A | | | |
| | Abhinav Sharma | D12A | | | |
| 6 | Prem Chhabria | D12B | Dr. Sharmila Sengupta + Mrs. Sunita Suralkar | Secured Data Communication | |
| | Jay Jhaveri | D12B | | | |
| | Abhay Gupta | D12B | | | |
| | Neeraj Ochani | D12B | | | |

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|---|---|---|---|---|---|---|
| 7 | Salonee Velonde | D12B | Dr. Gresha Bhatia + Mrs. Abha Tewari | Touchless Attendance System | | |
| | Dimple Nachnani | D12C | | | | |
| | Mayur Manik Pawar | D12A | | | | |
| | Sejal Kriplani | D12C | | | | |
| 8 | Aashish Ramesh Raheja | D12B - 51 | Dr. Mrs.Nupur Giri | Climate, Air Pollution and Forest fires : AI based models for Indian case study. | Microsoft AI for Earth Grant Projects | |
| | Kartikey Verma | D12B - 65 | | | | |
| | Ashwin Pansare | D12B - 43 | | | | |
| 9 | Manasvi Patwa | D12C - 47 | Mrs.Sharmila Sengupta | Towards attaining SDG with AI: assessment of riverine plastics | | |
| | Bhavika Chattani | D12C - 12 | | | | |
| | Sahil Deshmukh | D12A - 17 | | | | |
| | Varnit Batheja | D12A - 8 | | | | |
| 10 | J N Guru Akaash | D12A - 28 | Mrs.Priya R.L | AI based statistical analysis of land-use plastic pollution in India | | |
| | Nair Ajay Ravidran | D12A - 55 | | | | |
| | Manigandan Kasimani | D12A - 47 | | | | |
| | Varun Tripathy | D12A - 69 | | | | |
| 11 | Parth Paresh Wadke | D12A - 70 | Mrs. Sunita Sahu / Mrs. Richa Sharma / Mrs. Manisha Mathur | Forecasting of Carbon Emission due to Meat Industry | | |
| | Vivek Shivkumar Gonal | D12A - 23 | | | | |
| | Divesh Vijay Watwani | D12A - 71 | | | | |
| | Prithviraj Chavan | D12B - 13 | | | | |
| 12 | Rounak Talreja | D12A - 68 | Mrs.Sharmila Sengupta | Paddy: To detect and prevent paddy | Mahatma Phule Krishi | |
| | Prium Rohera | D12A - 60 | | | | |

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|---|---|---|---|---|---|
| | Varsha Jawrani | D12B - 23 | | crop disease | Vidyapeeth, Rahuri Agriculture Research Station Lonavala |
| | Bhajan Watwani | D12C - 65 | | | |
| | Aryan Bedi | D12B - 07 | | | |
| | Kartik Nagdev | D12B - 41 | | | |
| | Rohit Manghani | D12B - 36 | Mrs.Mannat Doultani | Konark Dossiers | Konark IP Dossiers Pvt. Ltd. |
| 13 | Pratik Aswani | D12B - 04 | | | |

**Presentation of Automated visual inspection of silicon detectors in Compact Muon Solenoid (CMS) group**

**Group photo of CMS group**

**Presentation of Touchless Attendance group**

**Group photo of Touchless Attendance group**

**Presentation of GSR group**

**Group photo of GSR group**

**Presentation of Secured Communication group**

**Group photo of Secured Communication group**

**2.6**

**Industry Visits**

1. Department of Computer Engineering has arranged an industrial visit to Agricultural Research Station, Lonavala on 1st October ( 2021 11:00 AM to 12:45 PM)

List of Participants:

1) Dr. K. S. Raghuwanshi (Rice Pathologist)
2) Dr. Sharmila Sengupta (Ass. Prof, VESIT)
3) Etisha Mathurvaishya
4) Rounak Taleja
5) Bhajan Watwani

2. Department of Computer Engineering has arranged an industrial visit to TIFR Mumbai on 17th March and (11:30 AM to 7:15 PM) 9th April 2022 (11:30 AM to 7:15 PM)
   List of Participants:
   1. Dr. Shashi Dugad (TIFR)
   1. Mr. Irfan Mirza (TIFR)
   2. Amit Chhabria
   3. Swarangi Dali
   4. Ajay Singh Khalsa
   5. Rashmi Manwani
   6. Priyanka Asrani

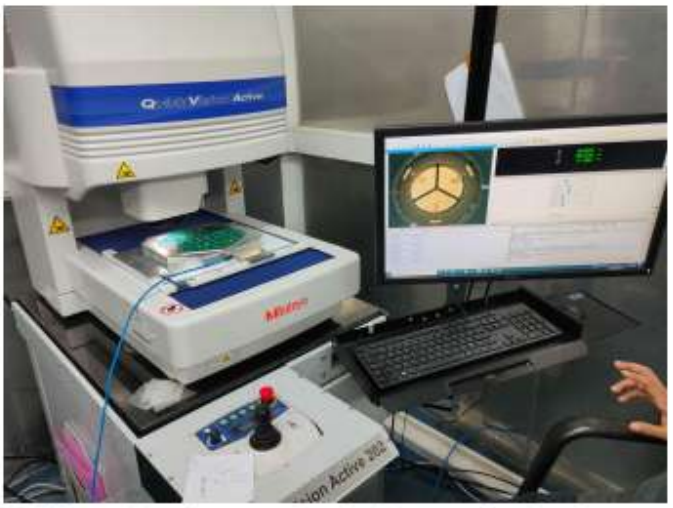
   Agenda:
   ● Presentation of work done by the CMS group

3. Department of Computer Engineering has arranged an industrial visit to TIFR Mumbai on **23rd December 2021 (10:30 AM to 4 PM)**

   **List of Participants:**
   **1.** Dr. Shashi Dugad (TIFR)
   2. Mr. Irfan Mirza (TIFR)
   3. Amit Chhabria

4. Swarangi Dali
5. Ajay Singh Khalsa
6. Vaishnavi Ainapure

Agenda:
● Presentation of work done by the CMS group

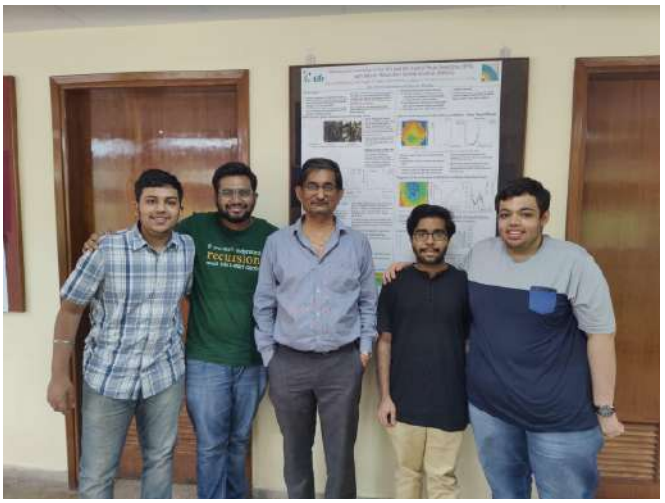


CMM machine for creating the images for the dataset

4. Department of Computer Engineering has arranged an industrial visit to TIFR Mumbai on 03th March 2022 (12:45 PM to 6:30 PM) and 24th March 2022 (12:45 PM to 6:30 PM)

**List of Participants:**
1. Dr. Shashi Dugad (TIFR)
2. Mr. Irfan Mirza (TIFR)
3. Mr. Indranil Das (TIFR)
4. Mr. Jay Jhaveri (VESIT)
5. Mr. Abhay Gupta (VESIT)
6. Mr. Neeraj Ochani (VESIT)
7. Mr. Prem Chhabria (VESIT)

Agenda:
● Execution of the BE Project (Secure Communication Group) on CentOS at TIFR Premises.



5. Department of Computer Engineering has arranged an industrial visit to TIFR Mumbai on **04th April 2022 10:30 AM to 04:00 PM**

**List of Participants:**

1. Dr. Irfan Mirza
2. Dr. Indraneel
3. Abhinav Sharma
4. Aabha Ranade
5. Dhiren Soneji
6. Dhwani Serai

**Agenda:**

- Installation and Presentation of work done by the GSR group.

| | | |
|---|---|---|
| | **2.7** | **Co-curricular activities** |

**2.7.1** **Participation in Inter College Competitions**

| Sr. No. | Name of the student | Date | Name of the Event | Name of the award/ medal | University/State/National/ International |
|---|---|---|---|---|---|
| 1 | Sanket Jangale | 2022 | Avishkar | Participation | University |
| 2 | Parthesh Pawar | 2022 | Avishkar | Participation | University |
| 3 | Kunal Kotkar | 2022 | Avishkar | Participation | University |
| 4 | Aashish Nagpal | 2022 | Avishkar | Participation | University |
| 5 | Siddhesh Bhere | 2022 | Avishkar | Participation | University |
| 6 | Siddhesh Gadge | 2022 | Avishkar | Participation | University |
| 7 | Rohit Jadhav | 2022 | Avishkar | Participation | University |
| 8 | Kedar Kharde | 2022 | Avishkar | Participation | University |
| 9 | Parthesh Pawar | 2022 | Smart India Hackathon | Participation | National |
| 10 | Rohit Jadhav | 2022 | Smart India Hackathon | Participation | National |
| 11 | Kunal Kotkar | 2022 | Smart India Hackathon | Participation | National |
| 12 | Sanket Jangale | 2022 | Smart India Hackathon | Participation | National |
| 13 | Siddhesh Bhere | 2022 | Smart India Hackathon | Participation | National |
| 14 | Tanvi Shetty | 2022 | Smart India Hackathon | Participation | National |
| 15 | Samita Kanojia | 2022 | Smart India hackathon | Participation | National |
| 16 | J N Guru Akaash | 2022 | Smart India hackathon | Participation | National |

| | | | | | | |
|---|---|---|---|---|---|---|
| 17 | Nihar Kenny | 2022 | Smart India hackathon | Participation | National |
| 18 | J N Guru Akaash | 2022 | Codechef SnackDown 2021 | Participation | International |
| 19 | J N Guru Akaash | 2022 | Microsoft AI For Earth | Participation | International |
| 20 | Manigandan Kasimani | 2022 | Microsoft AI For Earth | Participation | International |
| 21 | Varun Tripathy | 2022 | Microsoft AI For Earth | Participation | International |
| 22 | Ajay Nair | 2022 | Microsoft AI For Earth | Participation | International |
| 23 | Bhavesh Bhatia | 2022 | Newton School Grand Coding Contest 2022 | Participation | International |
| 24 | Shubhangi Zope | 2022 | Smart India hackathon | Participation | National |
| 25 | Rashmi Singh | 2022 | Smart India hackathon | Participation | National |
| 26 | Rashmi Singh | 2022 | Newton's coding challenge January 2022 | Participation | International |
| 27 | Disha Mehta | 2022 | ICIRTE - 7th International Conference on Innovation and Research in Technology and Engineering | Participation | International |
| 28 | Vaishnavi Shinde | 2022 | ICIRTE - 7th International Conference on Innovation and Research | Participation | International |

| | | | | | |
|---|---|---|---|---|---|
| | | in Technology and Engineering | | | |
| 29 | Vivek Gonal | 2022 | Microsoft AI For Earth | Participation | International |
| 30 | Vivek Gonal | 2021 | Hack Of Pi | Participation | National |
| 31 | Divesh Watwani | 2022 | Microsoft AI For Earth | Participation | International |
| 32 | Divesh Watwani | 2021 | Hack Of Pi | Participation | National |
| 33 | Girish Khemchandani | 2022 | Rubix Hackathon | Participation | University |
| 34 | Asmita Bhangare | 2022 | smart India hackathon | Participation | National |
| 35 | Muskan Hassanandani | 2022 | Smart India hackathon | Participation | National |
| 36 | Garv Jhangiani | 2022 | Smart India hackathon | Participation | National |
| 37 | Shreya Hegde | 2022 | Smart India hackathon | Participation | National |
| 38 | Akhil Chakkungal | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| 39 | Riya Shukla | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| 40 | Samita Kanojia | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| 41 | Palak Garg | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | 42 | Ruchika Dusija | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| | | | 43 | Srushti Biwalkar | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| | | | 44 | Nirmiti Sali | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| | | | 45 | Nimisha Khadilkar | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| | | | 46 | Amisha Swamy | 29/03/2022 - 30/03/2022 | CIIA | Among Top 100 Projects | National |
| | | | 47 | Siddhesh Bhere | 13/02/2022- 20/02/2022 | VISAI | Winner | International |
| | | | 48 | Siddhesh Gadge | 13/02/2022- 20/02/2023 | VISAI | Winner | International |
| | | | 49 | Rohit Jadhav | 13/02/2022- 20/02/2024 | VISAI | Winner | International |
| | | | 50 | Kedar Kharde | 13/02/2022- 20/02/2025 | VISAI | Winner | International |
| | | | 51 | Pooja Koshti | 07/04/2022 | IETE Council,SIESGST | First Prize | University |

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|---|---|---|---|---|---|
| | | | Technical Paper Presentation | | |
| 52 | Jahnavi Mulchandani | 29/03/2022-30/03/2022 | CIIA | Among Top 100 Projects | National |
| 53 | Vinita Chugh | 24-26 February 2022 | IRTM 2022 | Best Presenter Best Presenter | University |

**Sample Certificates:**

Dear Sharmila Sengupta,

Congratulations, and welcome to the AI for Earth community! We are excited to share that your application for the project titled "AI based statistical analysis of pollution due to land and ocean plastic waste in India" has been selected for an AI for Earth Microsoft Azure Compute Grant. Through this award, you will receive a sponsored Microsoft Azure account. We are granting you credits for Azure consumption up to $15000 USD, to be utilized within one year.

By accepting this award, you agree to the following terms:

- You will use Microsoft Azure credits awarded through this program only towards the project described in the application form.
- Microsoft will add you and your team members to resources including the AI for Earth grantee community website, AI for Earth grantee Microsoft Teams group, and digital events.
- You will submit a mid-term report and a final report according to AI for Earth guidelines.
- Microsoft may contact you and use materials that you submit for public communications.

**Please accept this grant within one week of receiving this email** by clicking "Accept Your Grant" on your grant portal home page. We will respond when you accept with next steps to access the onboarding webinar, sponsored Azure credits, and education resources.

Warmly,

Bonnie Lei
AI for Earth Grants Manager

Microsoft respects your privacy. Review our online Privacy Statement
Microsoft Corporation
One Microsoft Way

Redmond, WA, USA 98052

Microsoft

**2.7.2 Participation in Intra College Competitions**

**2.7.2.1 Professional Society Activities**

**2.7.2.1.1 ISTE EVENTS**

1. **Event Name: E-Commerce using Shopify**
   **Date: 8-9 January, 2022**
   **#Total no of Participants: 110**
   **Total no. of CMPN Participants: 32**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Riya Nadagire | D7A | Participants |
| 2 | Ritika Hotwani | D7B | Participants |
| 3 | Sakshi Sanjaykumar Patil | D7C | Participants |
| 4 | Vansh Pahuja | D7A | Participants |
| 5 | Om Madat | D7A | Participants |
| 6 | Anjali Hassani | D17A | Participants |
| 7 | Nikita Pradeep Jha | D12C | Participants |
| 8 | Iyer Nikhita K | D12A | Participants |
| 9 | Meera Sawantdesai | D7A | Participants |

| | | | |
|---|---|---|---|
| 10 | Tanisha patil | D7A | Participants |
| 11 | Kaushik Sahasranaman | D7A | Participants |
| 12 | Ayush Jain | D7B | Participants |
| 13 | Aditi Bhatia | D7A | Participants |
| 14 | Siddhi Bhosale | D12A | Participants |
| 15 | Mayur Jaisinghani | D7A | Participants |
| 16 | Neeraj Mahesh Chawla | D7B | Participants |
| 17 | Prabha Sudarshan Pamula | D7B | Participants |
| 18 | Gunjan Lalwani | D12A | Participants |
| 19 | Sejal Budhani | D17A | Participants |
| 20 | Pratik Chainani | D17B | Participants |
| 21 | Payal Kukreja | D12C | Participants |
| 22 | Mohit Shahdadpuri | D7A | Participants |
| 23 | Laveena Kithani | D12A | Participants |
| 24 | Tanmay Thakare | D7B | Participants |
| 25 | Hrishikesh Patil | D7B | Participants |
| 26 | Japneet Rajput | D7C | Participants |
| 27 | Pranav Gadhave | D12C | Participants |
| 28 | Drishti Samvedi | D7B | Participants |
| 29 | Omkar Mahajan | D7B | Participants |
| 30 | Tithi Jhamnani | D7B | Participants |
| 31 | Dheeraj C. Yadav | D12C | Participants |

| | | | |
|---|---|---|---|
| 32 | Jay Deshmukh | D12C | Participants |

**2. Event Name:Campus 2 Corporate**
**Stage 1- Prerequisites Session**
**Date: 14 January, 2022**
**#Total no of Participants: 159**
**Total no. of CMPN Participants: 99**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Ayush Jain | D7B | Participation |
| 2 | Minal Katware | D12A | Participation |
| 3 | Shrey Panchamia | D7A | Participation |
| 4 | Sakshi Sanjaykumar Patil | D7C | Participation |
| 5 | Ritika Hotwani | D7B | Participation |
| 6 | Kaushik Sahasranaman | D7A | Participation |
| 7 | Om Madat | D7A | Participation |
| 8 | Siddhi Bhosale | D12A | Participation |
| 9 | Digvijay Kocharekar | D7B | Participation |
| 10 | Venkatesh Vijay Rallapalli | D12A | Participation |
| 11 | Niyanti Padave | D12C | Participation |
| 12 | Shrushti Govindwar | D12C | Participation |
| 13 | Chaitanya Limaye | D7B | Participation |
| 14 | Kanchan Nathani | D12C | Participation |
| 15 | Payal Kukreja | D12C | Participation |
| 16 | Pranav Chaturvedi | D12C | Participation |
| 17 | Mohit Shahdadpuri | D7A | Participation |

| | | | |
|---|---|---|---|
| 18 | Vansh Pahuja | D7A | Participation |
| 19 | Pranav Gadhave | D12C | Participation |
| 20 | Manthan Pawar | D12C | Participation |
| 21 | Hitesh | D12C | Participation |
| 22 | Meera Mandar Sawantdesai | D7A | Participation |
| 23 | Aditi Bhatia | D7A | Participation |
| 24 | VARSHA JAWRANI | D12B | Participation |
| 25 | Shruti Mehta | D12C | Participation |
| 26 | Tanisha patil | D7A | Participation |
| 27 | Jay Deshmukh | D12C | Participation |
| 28 | Varad Deshmukh | D7B | Participation |
| 29 | Vanshika Bajaj | D12C | Participation |
| 30 | Jasmine Sawara | D12C | Participation |
| 31 | Mrunmayee Waingankar | D12C | Participation |
| 32 | Hema Gallani | D12C | Participation |
| 33 | Gunjan Lalwani | D12A | Participation |
| 34 | Bhavika Chattani | D12C | Participation |
| 35 | Amol Mali | D12C | Participation |
| 36 | Rohit Manghani | D12B | Participation |
| 37 | Manigandan Kasimani | D12A | Participation |
| 38 | Tejas Gala | D12C | Participation |
| 39 | Laveena Kithani | D12A | Participation |

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|---|---|---|---|
| 40 | Tanmay Surendra Thakare | D7B | Participation |
| 41 | Yashvi Dhar | D7C | Participation |
| 42 | Nirmiti Sali | D12C | Participation |
| 43 | Aditya Atmaram Sawant | D17A | Participation |
| 44 | Neeraj Mahesh Chawla | D7B | Participation |
| 45 | Yash Kriplani | D12A | Participation |
| 46 | Drishti Samvedi | D7B | Participation |
| 47 | Figo Cardozo | D7A | Participation |
| 48 | Tithi Jhamnani | D7B | Participation |
| 49 | Omkar Mahajan | D7B | Participation |
| 50 | Saurabh Lalwani | D12C | Participation |
| 51 | Hrishikesh Patil | D7B | Participation |
| 52 | Sohan Walawalkar | D12C | Participation |
| 53 | Mihir Pamnani | D12C | Participation |
| 54 | Prabha Sudarshan Pamula | D7B | Participation |
| 55 | Riya Shukla | D12B | Participation |
| 56 | Adarsh Singh | D12C | Participation |
| 57 | Divesh Watwani | D12A | Participation |
| 58 | Riya Ranglani | D12C | Participation |
| 59 | LAVESH PREM LULLA | D7A | Participation |
| 60 | Neha Vaswani | D12B | Participation |
| 61 | Kunal Godhwani | D12B | Participation |

| | | | |
|---|---|---|---|
| 62 | Chirag Dayaramani | D12A | Participation |
| 63 | SUDHANSHU SABALE | D7C | Participation |
| 64 | Kaustubh Keny | D12B | Participation |
| 65 | Prium Rohera | D12A | Participation |
| 66 | Ruturaj Dnyandeo Wairkar | D12B | Participation |
| 67 | Bharat Uttamchandani | D12B | Participation |
| 68 | Sahil Dodeja | D7A | Participation |
| 69 | Gunjan chhaproo | D7A | Participation |
| 70 | Neeta Narang | D7B | Participation |
| 71 | Sahil Deshmukh | D12A | Participation |
| 72 | Nikita Pradeep Jha | D12C | Participation |
| 73 | Kaustubh Kharche | D7B | Participation |
| 74 | Chirag Ram Panjwani | D7B | Participation |
| 75 | Japneet Rajput | D7C | Participation |
| 76 | DHEERAJ C. YADAV | D12C | Participation |
| 77 | Sahil kishnani | D7C | Participation |
| 78 | Drishti Katiyara | D12B | Participation |
| 79 | Aaditya khetwani | D7C | Participation |
| 80 | Radhika.Katiyara | D12A | Participation |
| 81 | Siya Doshi | D7C | Participation |
| 82 | Nimisha Khadilkar | D12C | Participation |
| 83 | Amisha Swamy | D12C | Participation |

| | | | |
|---|---|---|---|
| 84 | Ritika khatri | D12C | Participation |
| 85 | Srushti Biwalkar | D12C | Participation |
| 86 | Siyona Singh | D7C | Participation |
| 87 | Yashraj Mulwani | D7A | Participation |
| 88 | Sakshi Ailsinghani | D12A | Participation |
| 89 | Diya Janyani | D7B | Participation |
| 90 | Denzil Nelson | D7B | Participation |
| 91 | Sonali bodhwani | D12C | Participation |
| 92 | Gauri Mahajan | D12C | Participation |
| 93 | Iyer Nikhita Krishnan | D12A | Participation |
| 94 | Rutuja patil | D12B | Participation |
| 95 | Shruti Kamlesh Koku | D12A | Participation |
| 96 | Aakash Mohite | D12A | Participation |
| 97 | Muskan Hassanandani | D12A | Participation |
| 98 | Atharva Anay Kathane | D12C | Participation |
| 99 | NIKHIL HASWANI | D7A | Participation |

**3. Event Name:Campus 2 Corporate**
**Stage 2- Aptitude Session**
**Date: 15-16 January, 2022**
**#Total no of Participants: 159**
**Total no. of CMPN Participants: 99**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Ayush Jain | D7B | Participation |
| 2 | Minal Katware | D12A | Participation |

| | | | |
|---|---|---|---|
| 3 | Shrey Panchamia | D7A | Participation |
| 4 | Sakshi Sanjaykumar Patil | D7C | Participation |
| 5 | Ritika Hotwani | D7B | Participation |
| 6 | Kaushik Sahasranaman | D7A | Participation |
| 7 | Om Madat | D7A | Participation |
| 8 | Siddhi Bhosale | D12A | Participation |
| 9 | Digvijay Kocharekar | D7B | Participation |
| 10 | Venkatesh Vijay Rallapalli | D12A | Participation |
| 11 | Niyanti Padave | D12C | Participation |
| 12 | Shrushti Govindwar | D12C | Participation |
| 13 | Chaitanya Limaye | D7B | Participation |
| 14 | Kanchan Nathani | D12C | Participation |
| 15 | Payal Kukreja | D12C | Participation |
| 16 | Pranav Chaturvedi | D12C | Participation |
| 17 | Mohit Shahdadpuri | D7A | Participation |
| 18 | Vansh Pahuja | D7A | Participation |
| 19 | Pranav Gadhave | D12C | Participation |
| 20 | Manthan Pawar | D12C | Participation |
| 21 | Hitesh | D12C | Participation |
| 22 | Meera Mandar Sawantdesai | D7A | Participation |
| 23 | Aditi Bhatia | D7A | Participation |
| 24 | VARSHA JAWRANI | D12B | Participation |

| | | | |
|---|---|---|---|
| 25 | Shruti Mehta | D12C | Participation |
| 26 | Tanisha patil | D7A | Participation |
| 27 | Jay Deshmukh | D12C | Participation |
| 28 | Varad Deshmukh | D7B | Participation |
| 29 | Vanshika Bajaj | D12C | Participation |
| 30 | Jasmine Sawara | D12C | Participation |
| 31 | Mrunmayee Waingankar | D12C | Participation |
| 32 | Hema Gallani | D12C | Participation |
| 33 | Gunjan Lalwani | D12A | Participation |
| 34 | Bhavika Chattani | D12C | Participation |
| 35 | Amol Mali | D12C | Participation |
| 36 | Rohit Manghani | D12B | Participation |
| 37 | Manigandan Kasimani | D12A | Participation |
| 38 | Tejas Gala | D12C | Participation |
| 39 | Laveena Kithani | D12A | Participation |
| 40 | Tanmay Surendra Thakare | D7B | Participation |
| 41 | Yashvi Dhar | D7C | Participation |
| 42 | Nirmiti Sali | D12C | Participation |
| 43 | Aditya Atmaram Sawant | D17A | Participation |
| 44 | Neeraj Mahesh Chawla | D7B | Participation |
| 45 | Yash Kriplani | D12A | Participation |
| 46 | Drishti Samvedi | D7B | Participation |

| | | | |
|---|---|---|---|
| 47 | Figo Cardozo | D7A | Participation |
| 48 | Tithi Jhamnani | D7B | Participation |
| 49 | Omkar Mahajan | D7B | Participation |
| 50 | Saurabh Lalwani | D12C | Participation |
| 51 | Hrishikesh Patil | D7B | Participation |
| 52 | Sohan Walawalkar | D12C | Participation |
| 53 | Mihir Pamnani | D12C | Participation |
| 54 | Prabha Sudarshan Pamula | D7B | Participation |
| 55 | Riya Shukla | D12B | Participation |
| 56 | Adarsh Singh | D12C | Participation |
| 57 | Divesh Watwani | D12A | Participation |
| 58 | Riya Ranglani | D12C | Participation |
| 59 | LAVESH PREM LULLA | D7A | Participation |
| 60 | Neha Vaswani | D12B | Participation |
| 61 | Kunal Godhwani | D12B | Participation |
| 62 | Chirag Dayaramani | D12A | Participation |
| 63 | SUDHANSHU SABALE | D7C | Participation |
| 64 | Kaustubh Keny | D12B | Participation |
| 65 | Prium Rohera | D12A | Participation |
| 66 | Ruturaj Dnyandeo Wairkar | D12B | Participation |
| 67 | Bharat Uttamchandani | D12B | Participation |
| 68 | Sahil Dodeja | D7A | Participation |

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|---|---|---|---|
| 69 | Gunjan chhaproo | D7A | Participation |
| 70 | Neeta Narang | D7B | Participation |
| 71 | Sahil Deshmukh | D12A | Participation |
| 72 | Nikita Pradeep Jha | D12C | Participation |
| 73 | Kaustubh Kharche | D7B | Participation |
| 74 | Chirag Ram Panjwani | D7B | Participation |
| 75 | Japneet Rajput | D7C | Participation |
| 76 | DHEERAJ C. YADAV | D12C | Participation |
| 77 | Sahil kishnani | D7C | Participation |
| 78 | Drishti Katiyara | D12B | Participation |
| 79 | Aaditya khetwani | D7C | Participation |
| 80 | Radhika.Katiyara | D12A | Participation |
| 81 | Siya Doshi | D7C | Participation |
| 82 | Nimisha Khadilkar | D12C | Participation |
| 83 | Amisha Swamy | D12C | Participation |
| 84 | Ritika khatri | D12C | Participation |
| 85 | Srushti Biwalkar | D12C | Participation |
| 86 | Siyona Singh | D7C | Participation |
| 87 | Yashraj Mulwani | D7A | Participation |
| 88 | Sakshi Ailsinghani | D12A | Participation |
| 89 | Diya Janyani | D7B | Participation |
| 90 | Denzil Nelson | D7B | Participation |

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|---|---|---|---|
| 91 | Sonali bodhwani | D12C | Participation |
| 92 | Gauri Mahajan | D12C | Participation |
| 93 | Iyer Nikhita Krishnan | D12A | Participation |
| 94 | Rutuja patil | D12B | Participation |
| 95 | Shruti Kamlesh Koku | D12A | Participation |
| 96 | Aakash Mohite | D12A | Participation |
| 97 | Muskan Hassanandani | D12A | Participation |
| 98 | Atharva Anay Kathane | D12C | Participation |
| 99 | NIKHIL HASWANI | D7A | Participation |

**4. Event Name:Campus 2 Corporate**
**Stage 3- Coding Session**
**Date: 22-23 January, 2022**
**#Total no of Participants: 159**
**Total no. of CMPN Participants: 99**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Ayush Jain | D7B | Participation |
| 2 | Minal Katware | D12A | Participation |
| 3 | Shrey Panchamia | D7A | Participation |
| 4 | Sakshi Sanjaykumar Patil | D7C | Participation |
| 5 | Ritika Hotwani | D7B | Participation |
| 6 | Kaushik Sahasranaman | D7A | Participation |
| 7 | Om Madat | D7A | Participation |
| 8 | Siddhi Bhosale | D12A | Participation |
| 9 | Digvijay Kocharekar | D7B | Participation |

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|---|---|---|---|
| 10 | Venkatesh Vijay Rallapalli | D12A | Participation |
| 11 | Niyanti Padave | D12C | Participation |
| 12 | Shrushti Govindwar | D12C | Participation |
| 13 | Chaitanya Limaye | D7B | Participation |
| 14 | Kanchan Nathani | D12C | Participation |
| 15 | Payal Kukreja | D12C | Participation |
| 16 | Pranav Chaturvedi | D12C | Participation |
| 17 | Mohit Shahdadpuri | D7A | Participation |
| 18 | Vansh Pahuja | D7A | Participation |
| 19 | Pranav Gadhave | D12C | Participation |
| 20 | Manthan Pawar | D12C | Participation |
| 21 | Hitesh | D12C | Participation |
| 22 | Meera Mandar Sawantdesai | D7A | Participation |
| 23 | Aditi Bhatia | D7A | Participation |
| 24 | VARSHA JAWRANI | D12B | Participation |
| 25 | Shruti Mehta | D12C | Participation |
| 26 | Tanisha patil | D7A | Participation |
| 27 | Jay Deshmukh | D12C | Participation |
| 28 | Varad Deshmukh | D7B | Participation |
| 29 | Vanshika Bajaj | D12C | Participation |
| 30 | Jasmine Sawara | D12C | Participation |
| 31 | Mrunmayee Waingankar | D12C | Participation |

| | | | |
|---|---|---|---|
| 32 | Hema Gallani | D12C | Participation |
| 33 | Gunjan Lalwani | D12A | Participation |
| 34 | Bhavika Chattani | D12C | Participation |
| 35 | Amol Mali | D12C | Participation |
| 36 | Rohit Manghani | D12B | Participation |
| 37 | Manigandan Kasimani | D12A | Participation |
| 38 | Tejas Gala | D12C | Participation |
| 39 | Laveena Kithani | D12A | Participation |
| 40 | Tanmay Surendra Thakare | D7B | Participation |
| 41 | Yashvi Dhar | D7C | Participation |
| 42 | Nirmiti Sali | D12C | Participation |
| 43 | Aditya Atmaram Sawant | D17A | Participation |
| 44 | Neeraj Mahesh Chawla | D7B | Participation |
| 45 | Yash Kriplani | D12A | Participation |
| 46 | Drishti Samvedi | D7B | Participation |
| 47 | Figo Cardozo | D7A | Participation |
| 48 | Tithi Jhamnani | D7B | Participation |
| 49 | Omkar Mahajan | D7B | Participation |
| 50 | Saurabh Lalwani | D12C | Participation |
| 51 | Hrishikesh Patil | D7B | Participation |
| 52 | Sohan Walawalkar | D12C | Participation |
| 53 | Mihir Pamnani | D12C | Participation |

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|---|---|---|---|
| 54 | Prabha Sudarshan Pamula | D7B | Participation |
| 55 | Riya Shukla | D12B | Participation |
| 56 | Adarsh Singh | D12C | Participation |
| 57 | Divesh Watwani | D12A | Participation |
| 58 | Riya Ranglani | D12C | Participation |
| 59 | LAVESH PREM LULLA | D7A | Participation |
| 60 | Neha Vaswani | D12B | Participation |
| 61 | Kunal Godhwani | D12B | Participation |
| 62 | Chirag Dayaramani | D12A | Participation |
| 63 | SUDHANSHU SABALE | D7C | Participation |
| 64 | Kaustubh Keny | D12B | Participation |
| 65 | Prium Rohera | D12A | Participation |
| 66 | Ruturaj Dnyandeo Wairkar | D12B | Participation |
| 67 | Bharat Uttamchandani | D12B | Participation |
| 68 | Sahil Dodeja | D7A | Participation |
| 69 | Gunjan chhaproo | D7A | Participation |
| 70 | Neeta Narang | D7B | Participation |
| 71 | Sahil Deshmukh | D12A | Participation |
| 72 | Nikita Pradeep Jha | D12C | Participation |
| 73 | Kaustubh Kharche | D7B | Participation |
| 74 | Chirag Ram Panjwani | D7B | Participation |
| 75 | Japneet Rajput | D7C | Participation |

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|---|---|---|---|
| 76 | DHEERAJ C. YADAV | D12C | Participation |
| 77 | Sahil kishnani | D7C | Participation |
| 78 | Drishti Katiyara | D12B | Participation |
| 79 | Aaditya khetwani | D7C | Participation |
| 80 | Radhika.Katiyara | D12A | Participation |
| 81 | Siya Doshi | D7C | Participation |
| 82 | Nimisha Khadilkar | D12C | Participation |
| 83 | Amisha Swamy | D12C | Participation |
| 84 | Ritika khatri | D12C | Participation |
| 85 | Srushti Biwalkar | D12C | Participation |
| 86 | Siyona Singh | D7C | Participation |
| 87 | Yashraj Mulwani | D7A | Participation |
| 88 | Sakshi Ailsinghani | D12A | Participation |
| 89 | Diya Janyani | D7B | Participation |
| 90 | Denzil Nelson | D7B | Participation |
| 91 | Sonali bodhwani | D12C | Participation |
| 92 | Gauri Mahajan | D12C | Participation |
| 93 | Iyer Nikhita Krishnan | D12A | Participation |
| 94 | Rutuja patil | D12B | Participation |
| 95 | Shruti Kamlesh Koku | D12A | Participation |
| 96 | Aakash Mohite | D12A | Participation |
| 97 | Muskan Hassanandani | D12A | Participation |

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|---|---|---|---|
| 98 | Atharva Anay Kathane | D12C | Participation |
| 99 | NIKHIL HASWANI | D7A | Participation |

**5. Event Name:Graphics Workshop**
**Date: 6 February, 2022**
**#Total no of Participants: 89**
**Total no. of CMPN Participants: 32**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Tithi Jhamnani | D7B | Participation |
| 2 | Neeraj Chawla | D7B | Participation |
| 3 | Digvijay Kocharekar | D7B | Participation |
| 4 | Sahil kishnani | D7C | Participation |
| 5 | Meera Mandar Sawantdesai | D7A | Participation |
| 6 | Aditi Bhatia | D7A | Participation |
| 7 | Iyer Nikhita K | D12A | Participation |
| 8 | Prabha Sudarshan Pamula | D7B | Participation |
| 9 | Drishti Samvedi | D7B | Participation |
| 10 | Juhi Talreja | D17A | Participation |
| 11 | Ayush Jain | D7B | Participation |
| 12 | Aaditya khetwani | D7C | Participation |
| 13 | Kaushik Sahasranaman | D7A | Participation |
| 14 | Gauri Mahajan | D12C | Participation |
| 15 | Riya Nadagire | D7A | Participation |
| 16 | Jai Malani | D12A | Participation |

| | | | |
|---|---|---|---|
| 17 | Siddhi Bhosale | D12A | Participation |
| 18 | Figo Cardozo | D7A | Participation |
| 19 | Ritika Hotwani | D7B | Participation |
| 20 | Yashraj Mulwani | D7A | Participation |
| 21 | Om Madat | D7A | Participation |
| 22 | Pratik Chainani | D17B | Participation |
| 23 | Srushti Biwalkar | D12C | Participation |
| 24 | Minal Katware | D12A | Participation |
| 25 | Vansh Pahuja | D7A | Participation |
| 26 | Tanmay Surendra Thakare | D7B | Participation |
| 27 | Siyona Singh | D7C | Participation |
| 28 | Omkar Mahajan | D7B | Participation |
| 29 | Pranav Gadhave | D12C | Participation |
| 30 | Sakshi Sanjaykumar Patil | D7C | Participation |
| 31 | Mirudhula Nadar | D17C | Participation |
| 32 | Hrishikesh Patil | D7B | Participation |

**6. Event Name:Discord Bot Workshop**
**Date: 10 February, 2022**
**#Total no of Participants: 69**
**Total no. of CMPN Participants: 23**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Aditi Bhatia | D7A | Participation |
| 2 | Tithi Jhamnani | D7B | Participation |

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|---|---|---|---|
| 3 | Sejal Budhani | D17A | Participation |
| 4 | Om Madat | D7A | Participation |
| 5 | Digvijay Kocharekar | D7B | Participation |
| 6 | Kaushik Sahasranaman | D7A | Participation |
| 7 | Vansh Pahuja | D7A | Participation |
| 8 | Meera Mandar Sawantdesai | D7A | Participation |
| 9 | Iyer Nikhita K | D12A | Participation |
| 10 | Pratik Chainani | D17B | Participation |
| 11 | Neeraj Chawla | D7B | Participation |
| 12 | Ayush Jain | D7B | Participation |
| 13 | Riya Nadagire | D7A | Participation |
| 14 | Nikita Pradeep Jha | D12C | Participation |
| 15 | Prabha Sudarshan Pamula | D7B | Participation |
| 16 | Omkar Mahajan | D7B | Participation |
| 17 | Tanisha Patil | D7A | Participation |
| 18 | Yashraj Mulwani | D7A | Participation |
| 19 | Siyona Singh | D7C | Participation |
| 20 | Sakshi Sanjaykumar Patil | D7C | Participation |
| 21 | Aaditya khetwani | D7C | Participation |
| 22 | Drishti Samvedi | D7B | Participation |
| 23 | Tanmay Surendra Thakare | D7B | Participation |

**7. Event Name:Invictus - Hackathon**
**Date: 19-20 February, 2022**
**#Total no of Participants: 136**
**Total no. of CMPN Participants: 51**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Shreyas Poojari | D12B | Participation |
| 2 | Mihir Rane | D12B | Participation |
| 3 | Yashraj Desai | D12B | Participation |
| 4 | Aniket Dewnani | D12B | Participation |
| 5 | Aashish Raheja | D12B | Participation |
| 6 | Kartikey Verma | D12B | Participation |
| 7 | Maitryee Choudhary | D7B | Participation |
| 8 | J N GURU AKAASH | D12A | Participation |
| 9 | SHUBHAM ZOPE | D12A | Participation |
| 10 | SOHAM DAS | D12A | Participation |
| 11 | AJAY NAIR | D12A | Participation |
| 12 | Nikita Jha | D12C | Participation |
| 13 | Khushi Chouhan | D12C | Participation |
| 14 | Roshni Jha | D12C | Participation |
| 15 | Shaikh Insha | D12C | Participation |
| 16 | Rashmi Singh | D12B | Participation |
| 17 | Shubhangi Zope | D12B | Participation |
| 18 | Asmita Singh | D12B | Participation |
| 19 | Samita Kanojia | D12B | Participation |

| | | | |
|---|---|---|---|
| 20 | Yash Kriplani | D12A | Participation |
| 21 | Disha Raghani | D12A | Participation |
| 22 | Chirag Dayaramani | D12A | Participation |
| 23 | Anisha Girish Dhameja | D12A | Participation |
| 24 | Khushboo Ashok Bajaj | D12A | Participation |
| 25 | Karan Vashu Rohra | D12A | Participation |
| 26 | Laveena Prakash Kithani | D12A | Participation |
| 27 | Dhruvisha Mondhe | D12B | Participation |
| 28 | Drishti Katiyara | D12B | Participation |
| 29 | Nimisha Khadilkar | D12C | Participation |
| 30 | Nirmiti Sali | D12C | Participation |
| 31 | Srushti Biwalkar | D12C | Participation |
| 32 | Amisha Swamy | D12C | Participation |
| 33 | Meera Mandar Sawantdesai | D7A | Participation |
| 34 | Tanisha Vijaykumar Patil | D7A | Participation |
| 35 | Omkar mahajan | D7B | Participation |
| 36 | Anish Nair | D7B | Participation |
| 37 | manav valecha | D7C | Participation |
| 38 | Suhail shaikh | D7C | Participation |
| 39 | Simran lahrani | D7A | Participation |
| 40 | Nikita narwani | D7C | Participation |
| 41 | Anish magnani | D7B | Participation |

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|---|---|---|---|
| 42 | Yashvi Dhar | D7C | Participation |
| 43 | Yash Narkhede | D7B | Participation |
| 44 | Swapnil Thatte | D7C | Participation |
| 45 | Sanjana Bhojwani | D7C | Participation |
| 46 | Siya Doshi | D7C | Participation |
| 47 | Dhananjay Pai | D7B | Participation |
| 48 | Om Gole | D7B | Participation |
| 49 | Hrishikesh Patil | D7B | Participation |
| 50 | Varad Deshmukh | D7B | Participation |
| 51 | Ayush Jain | D7B | Participation |

**8. Event Name:Cloud Computing Workshop**
**Date: 5-6 March, 2022**
**#Total no of Participants: 82**
**Total no. of CMPN Participants: 25**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Aaditya khetwani | D7C | Participation |
| 2 | Figo Evander Cardozo | D7A | Participation |
| 3 | Vansh Pahuja | D7A | Participation |
| 4 | Yashraj Mulwani | D7A | Participation |
| 5 | Ritika khatri | D12C | Participation |
| 6 | Gunjan Lalwani | D12A | Participation |
| 7 | Drishti Samvedi | D7B | Participation |
| 8 | Aditi Bhatia | D7A | Participation |

| | | | |
|---|---|---|---|
| 9 | Tithi Jhamnani | D7B | Participation |
| 10 | Digvijay Kocharekar | D7B | Participation |
| 11 | Om Madat | D7A | Participation |
| 12 | Meera Mandar Sawantdesai | D7A | Participation |
| 13 | Iyer Nikhita K | D12A | Participation |
| 14 | Omkar Mahajan | D7B | Participation |
| 15 | Pratik Chainani | D17B | Participation |
| 16 | Ritika Hotwani | D7B | Participation |
| 17 | Srushti Biwalkar | D12C | Participation |
| 18 | Yash Laddha | D17A | Participation |
| 19 | Nimisha Khadilkar | D12C | Participation |
| 20 | Thakare Tanmay Surendra | D7B | Participation |
| 21 | Prabha Sudarshan Pamula | D7B | Participation |
| 22 | Pranav Gadhave | D12C | Participation |
| 23 | Aditya Atmaram Sawant | D17A | Participation |
| 24 | Japneet Rajput | D7C | Participation |
| 25 | Nirmiti Sali | D12C | Participation |

**9. Event Name:Typescript Workshop**
**Date: 12-13 March, 2022**
**#Total no of Participants: 38**
**Total no. of CMPN Participants: 15**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Kaushik Sahasranaman | D7A | Participation |

| | | | |
|---|---|---|---|
| 2 | Nirmiti Sali | D12C | Participation |
| 3 | Thakare Tanmay Surendra | D7B | Participation |
| 4 | Ayush Jain | D7B | Participation |
| 5 | Pranav Gadhave | D12C | Participation |
| 6 | Yashraj Mulwani | D7A | Participation |
| 7 | Siyona Singh | D7C | Participation |
| 8 | Prabha Sudarshan Pamula | D7B | Participation |
| 9 | Aditi Bhatia | D7A | Participation |
| 10 | Aaditya khetwani | D7C | Participation |
| 11 | Drishti Samvedi | D7B | Participation |
| 12 | Ritika hotwani | D7B | Participation |
| 13 | Japneet Rajput | D7C | Participation |
| 14 | Omkar Mahajan | D7B | Participation |
| 15 | Shrey Panchamia | D7A | Participation |

**10. Event Name:Study Abroad - By IMFS**
**Date:19 March, 2022**
**#Total no of Participants: 175**
**Total no. of CMPN Participants: 66**

| Sr. No. | Name of the Student | | Class | Award / Participation |
|---|---|---|---|---|
| 1 | Tithi | Jhamnani | D7B | Participation |
| 2 | Om | Madat | D7A | Participation |
| 3 | Chirag | Matai | D12A | Participation |
| 4 | Aditi | Bhatia | D7A | Participation |

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|---|---|---|---|---|---|---|
| | | | 5 | Anurag | Shirsekar | D2A | Participation |
| | | | 6 | Meera | Sawantdesai | D7A | Participation |
| | | | 7 | Sakshi | Talreja | D12C | Participation |
| | | | 8 | Venkatesh | Rallapalli | D12A | Participation |
| | | | 9 | Bhagyashree | Vaswani | D2A | Participation |
| | | | 10 | Priyanshu | Gurwani | D2A | Participation |
| | | | 11 | Digvijay | Kocharekar | D7B | Participation |
| | | | 12 | Ruchika | Dusija | D12A | Participation |
| | | | 13 | Varad | Joshi | D12C | Participation |
| | | | 14 | Aditya | Sawant | D17A | Participation |
| | | | 15 | Srushti | Sambare | D2A | Participation |
| | | | 16 | Prerna | Banswani | D2C | Participation |
| | | | 17 | DINKY | KHATRI | D2A | Participation |
| | | | 18 | Vansh | Pahuja | D7A | Participation |
| | | | 19 | Kaushik | Sahasranaman | D7A | Participation |
| | | | 20 | Shrey | Panchamia | D7A | Participation |
| | | | 21 | Nirmiti | Sali | D12C | Participation |
| | | | 22 | Hariharan | Iyer | D7A | Participation |
| | | | 23 | Lavesh | Lulla | D7A | Participation |
| | | | 24 | Roshan | Dadlani | D17A | Participation |
| | | | 25 | VARNIT | BATHEJA | D12A | Participation |
| | | | 26 | Omkar | Mahajan | D7B | Participation |

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|---|---|---|---|---|---|---|
| | | | 27 | Mrunmayee | Waingankar | D12C | Participation |
| | | | 28 | Shrushti | Govindwar | D12C | Participation |
| | | | 29 | Japneet | Rajput | D7C | Participation |
| | | | 30 | Gauri | Mahajan | D12C | Participation |
| | | | 31 | Minal | Katware | D12A | Participation |
| | | | 32 | Prathamesh | Thakur | D7A | Participation |
| | | | 33 | Figo | Cardozo | D7A | Participation |
| | | | 34 | Drishti | Samvedi | D7B | Participation |
| | | | 35 | Jatin | Chhabria | D17C | Participation |
| | | | 36 | Sonali | Bodhwani | D12C | Participation |
| | | | 37 | Neeraj | Chawla | D7B | Participation |
| | | | 38 | Shruti | Mehta | D12C | Participation |
| | | | 39 | Denzil | Nelson | D7B | Participation |
| | | | 40 | Jai | Malani | D12A | Participation |
| | | | 41 | Hrithika | Singh | D12B | Participation |
| | | | 42 | Kusum | Rohra | D12A | Participation |
| | | | 43 | Divya | Makhija | D2A | Participation |
| | | | 44 | Tanishq | Harchandani | D7A | Participation |
| | | | 45 | Malhar | Kajale | D7A | Participation |
| | | | 46 | Hanisha | Mohinani | D17B | Participation |
| | | | 47 | Shubham | Gupta | D7C | Participation |
| | | | 48 | Nikkita | Gurnani | D7A | Participation |

| | | | | |
|---|---|---|---|---|
| 49 | Aditya | Khomane | D12A | Participation |
| 50 | Sourabh | Bera | D12C | Participation |
| 51 | Sahil | Deshmukh | D12A | Participation |
| 52 | Dheeraj | Yadav | D12C | Participation |
| 53 | Dhruva | Chaudhari | D2A | Participation |
| 54 | ANISHA | ROHRA | D2A | Participation |
| 55 | Bhavesh | Bhatia | D7A | Participation |
| 56 | Sohan | Walawalkar | D12C | Participation |
| 57 | Hrishikesh | Patil | D7B | Participation |
| 58 | Kesar | Jotwani | D7A | Participation |
| 59 | Rakshit | Deshmukh | D12A | Participation |
| 60 | Roshnee | Matlani | D12A | Participation |
| 61 | Aayush | Shribatho | D7A | Participation |
| 62 | Aashish | Nair | D12C | Participation |
| 63 | Hema | Gallani | D12C | Participation |
| 64 | Ayush | Gerra | D2A | Participation |
| 65 | ARYA | Banavali | D2A | Participation |
| 66 | Ruchir | Jain | D2B | Participation |

**11. Event Name:Techtrix**
**Date:29 March, 2022**
**#Total no of Participants: 164**
**Total no. of CMPN Participants: 51**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|

| | | |
|---|---|---|
| 1 | Akshay Motiyani | D17B | Participation |
| 2 | Jayesh Dhanranjani | D17B | Participation |
| 3 | Pranav Rane | D2B | Participation |
| 4 | Aryan Mangi | D2B | Participation |
| 5 | Juhan John | D2b | Participation |
| 6 | aditya mangtani | d2a | Participation |
| 7 | anisha rohra | d2a | Participation |
| 8 | amisha chandwani | d2a | Participation |
| 9 | jeet dalal | d2a | Participation |
| 10 | ayush balwani | d2a | Participation |
| 11 | anchal sharma | d2a | Participation |
| 12 | anagha kulkarni | d2a | Participation |
| 13 | tasmia khan | d2a | Participation |
| 14 | shamal degde | d2a | Participation |
| 15 | sanika hadap | d2c | Participation |
| 16 | tanvi naik | d2c | Participation |
| 17 | ravi vallecha | d2c | Participation |
| 18 | maanas ruchandani | d2c | Participation |
| 19 | himesh hotwani | d2c | Participation |
| 20 | ujwal gangwani | d2c | Participation |
| 21 | aanchal devramani | d2c | Participation |
| 22 | kinjal ahuja | d2c | Participation |

| | | | |
|---|---|---|---|
| 23 | karuna hotumalani | d2c | Participation |
| 24 | kalpana gurnani | d2c | Participation |
| 25 | prerna vanswani | d2c | Participation |
| 26 | vedant pawar | d2c | Participation |
| 27 | nikhil singh | d2c | Participation |
| 28 | soham tawade | d2c | Participation |
| 29 | anurag triphati | d2c | Participation |
| 30 | hiren kawani | d2c | Participation |
| 31 | vinesh paralkar | d2c | Participation |
| 32 | sadhak kumar | d2c | Participation |
| 33 | saniya khan | d2c | Participation |
| 34 | priyanshu gurwani | d2a | Participation |
| 35 | Vinesh Paralkar | D2C | Participation |
| 36 | Sadhak Kumar | D2C | Participation |
| 37 | Kashish Jadhwani | D2A | Participation |
| 38 | Sourabh Bera | D12C | Participation |
| 39 | Bhavika Chattani | D12C | Participation |
| 40 | Madhav Bhutada | D12C | Participation |
| 41 | Gunjan Chhaproo | D7A | Participation |
| 42 | Neeta Narang | D7B | Participation |
| 43 | Rahul Fatnani | D7C | Participation |
| 44 | Shruti Dalvi | D7A | Participation |

| | | | |
|---|---|---|---|
| 45 | Hitakrit Goplani | D7A | Participation |
| 46 | Sahil Madhyan | D7C | Participation |
| 47 | Ritika Vanjarani | D7B | Participation |
| 48 | Diya Janyani | D7B | Participation |
| 49 | Varad deshmukh | D7B | Participation |
| 50 | Ayush Jain | D7B | Participation |
| 51 | Siya Doshi | D7C | Participation |

**12. Event Name:Dalal Street**
**Date:31 March, 2022**
**#Total no of Participants: 220**
**Total no. of CMPN Participants: 91**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Mohit Kailas Patil | D2B | Participation |
| 2 | Aayushi Salunkhe | D7C | Participation |
| 3 | Swapnil Tathee | D7C | Participation |
| 4 | Vishakha Kulkarni | D7C | Participation |
| 5 | Aryan Manghi | D2B | Participation |
| 6 | Pranav Rane | d2b | Participation |
| 7 | Vedant Rathi | d2b | Participation |
| 8 | Anagha Kulkarni | D2a | Participation |
| 9 | Vishesh Mittal | D12B | Participation |
| 10 | Madhav Bhutada | D12C | 1st Runner up |
| 11 | Bhavishya Khanchandani | D12C | Participation |

| | | |
|---|---|---|
| 12 | Saurabh Lalwani | D12C | Participation |
| 13 | Adarsh Siingh | D12C | Participation |
| 14 | OM SUNIL BORATE | D7C | Participation |
| 15 | Tarun Suresh Shetty | D7C | Participation |
| 16 | Sujal Jayashree Patil | D7C | Participation |
| 17 | Niranjan Yeole | D7C | Participation |
| 18 | Advait Naik | D17A | Participation |
| 19 | Omkar Mane | D17A | Participation |
| 20 | Krish Amesur | D17A | Participation |
| 21 | Aditya Gurnani | D17A | Participation |
| 22 | Karan Kewalramani | D2C | Participation |
| 23 | Anjala Goreja | D2A | Participation |
| 24 | Anchal Motwani | D2B | Participation |
| 25 | Aryan Hinduja | D2A | Participation |
| 26 | Kavish Punjabi | D2B | Participation |
| 27 | Muskan Talreja | D2B | Participation |
| 28 | Neha Sewani | D2B | Participation |
| 29 | Prerna Banswani | D2C | Participation |
| 30 | KALPANA Gurnani | D2C | Participation |
| 31 | Anish Mangnani | D7B | Participation |
| 32 | Vedash Udhawani | D7B | Participation |
| 33 | Roemsh Lalla | d7C | Participation |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 34 | yash pahlani | d7b | Participation |
| | | | 35 | Yash Kaka | D7B | Participation |
| | | | 36 | Bhajan watwani | D12C | Participation |
| | | | 37 | Nimish Chidrawar | D7A | Participation |
| | | | 38 | Yashraj Mulwani | D7A | Participation |
| | | | 39 | Nikhil Haswani | D7A | Participation |
| | | | 40 | Priotosh Mondal | D7A | Participation |
| | | | 41 | Aditi Bhatia | D7A | Participation |
| | | | 42 | Nikkita Gurnani | D7A | Participation |
| | | | 43 | Namrata Avhad | D7A | Participation |
| | | | 44 | Jitesh Mahesh Ladhani | D12C | Participation |
| | | | 45 | Laksh Lalwani | D12C | 2nd Runner up |
| | | | 46 | Kaustubha Sahu | D7A | Participation |
| | | | 47 | Hitesh Ramrakhyani | D7A | Participation |
| | | | 48 | Ayush Jain | D7B | Participation |
| | | | 49 | Varad Dehsmukh | D7B | Participation |
| | | | 50 | Piyush waghmare | d7a | Participation |
| | | | 51 | Priyal Agarwal | d12b | Participation |
| | | | 52 | Akhil Chakkungal | D12b | Participation |
| | | | 53 | Anand Tekwani | D12C | Participation |
| | | | 54 | Kanchan Nathani | D12C | Participation |
| | | | 55 | Vaishnavi Jadhav | D12B | Participation |

| | | | |
|---|---|---|---|
| 56 | Dheeraj Yadav | D12C | Participation |
| 57 | Niyanti Padave | d12c | Participation |
| 58 | Ruchir Jain | D2B | Participation |
| 59 | Akshay motyani | d17b | Participation |
| 60 | Jayesh Dhanrajani | D17B | Participation |
| 61 | Yash Kumar Jain | d17b | Participation |
| 62 | Sourabh Bera | D12C | Participation |
| 63 | Bhadvika Chattani | D12C | Participation |
| 64 | Manasvi Patva | D12C | Participation |
| 65 | Sakshi Rane | D7B | Participation |
| 66 | Sakshi Bhojwani | D7B | Participation |
| 67 | Sanjana Bhojwani | D7C | Participation |
| 68 | Maitraiyi Dandekar | D17B | Participation |
| 69 | Ashish Nagpal | D17B | Participation |
| 70 | Tanvi Shetty | D17B | Participation |
| 71 | Anmol Devnani | D17B | Participation |
| 72 | Gurudatt Gaonkar | d17b | Participation |
| 73 | chetan naik | d17c | Participation |
| 74 | soham kamat | d17c | Participation |
| 75 | Aaditya Khetwani | D7C | Participation |
| 76 | Anuj Bagad | d7c | Participation |
| 77 | Sudhanshu Sabale | d7c | Participation |

| | | | |
|---|---|---|---|
| 78 | Armaan Radhangupta | D2C | Participation |
| 79 | Vinesh paralkar | D2C | Participation |
| 80 | Dhruva Choudhary | D2A | Participation |
| 81 | Sahil Kochar | D17C | Participation |
| 82 | Krish Khemani | D17C | Participation |
| 83 | Vinayak Baranwal | D17C | Participation |
| 84 | Prerak Moolchandani | D12A | Participation |
| 85 | Priyanshu Guruwani | D2A | Participation |
| 86 | Komal Lund | D2A | Participation |
| 87 | Praneel Rastogi | D17C | Participation |
| 88 | Mayank Motwani | D17C | Participation |
| 89 | Aditya Mohan | D17C | Participation |
| 90 | Dinesh Kannan | D17C | Participation |
| 91 | Pranav Chaturvedi | D12C | Participation |

**2.7.2.1.2 IEEE EVENTS**

1. **Event Name: UI/UX Workshop**
   **Date: 16th Jan 2022**
   **#Total no of Participants: 115**
   **Total no. of CMPN Participants: 31**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Vansh Pahuja | D7A | Participation |
| 2 | Gauri Nagral | D7A | Participation |
| 3 | Harsh Loya | D7A | Participation |
| 4 | Nimish Chidrawar | D7A | Participation |

| | | | |
|---|---|---|---|
| 5 | Aayush Hemendra Shribatho | D7A | Participation |
| 6 | Aditya Nehete | D7B | Participation |
| 7 | Sakshi Rane | D7B | Participation |
| 8 | Digvijay Kocharekar | D7B | Participation |
| 9 | Bhavesh Bhatia | D7A | Participation |
| 10 | Sakshi Bhojwani | D7B | Participation |
| 11 | Sanjana Bhojwani | D7C | Participation |
| 12 | Hitakrit Goplani | D7A | Participation |
| 13 | Sahil Madhyan | D7C | Participation |
| 14 | Neeraj Chawla | D7B | Participation |
| 15 | Sanjana Asrani | D7B | Participation |
| 16 | Sahil Nagdev | D7C | Participation |
| 17 | Shrey Panchamia | D7A | Participation |
| 18 | Venkatesh Vijay Rallapalli | D12A | Participation |
| 19 | Riya Nadagire | D7A | Participation |
| 20 | Divya makhija | D7a | Participation |
| 21 | Aditya Mundas | D7C | Participation |
| 22 | Omkar Mahajan | D7B | Participation |
| 23 | Sahil Salunkhe | D7A | Participation |
| 24 | Suraj Harilal Patel | D7C | Participation |
| 25 | Sujal Patil | D7C | Participation |
| 26 | Anish Mangnani | D7B | Participation |
| 27 | Lavesh Lulla | D7A | Participation |
| 28 | Harsh Bakhtar | D7B | Participation |
| 29 | Vanshika thakur | D7C | Participation |
| 30 | Siyona Singh | D7C | Participation |
| 31 | Juhi Talreja | D17A | 3rd Prize |

2. **Event Name: E-Bulletin via Middleware Workshop**
   **Date: 6th February 2022**
   **#Total no of Participants: 65**
   **Total no. of CMPN Participants: 14**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | LAVESH PREM LULLA | D7A | Participation |
| 2 | Vansh Pahuja | D7A | Participation |
| 3 | Yash Narkhede | D7B | Participation |
| 4 | Omkar Mahajan | D7B | Participation |
| 5 | Aditya Mundas | D7C | Participation |
| 6 | Juhi Talreja | D17A | Participation |
| 7 | Juhi Chhatlani | D12A | Participation |
| 8 | Adwait Shirodkar | D12A | Participation |
| 9 | Karan Sharma | D12A | Participation |
| 10 | Ashutosh Mishra | D7C | Participation |
| 11 | Aditya Nehete | D7B | Participation |
| 12 | Swapnil Sakpal | D7B | Participation |
| 13 | Abhayvir Singh | D7A | Participation |
| 14 | Gauri Nagral | D7A | Participation |

3. **Event Name: Cybersecurity Workshop**
   **Date: 13th February 2022**
   **#Total no of Participants: 71**
   **Total no. of CMPN Participants: 16**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Yash Narkhede | D7B | Participation |
| 2 | Lavesh Prem Lulla | D7A | Participation |
| 3 | Vansh Pahuja | D7A | Participation |
| 4 | Venkatesh Vijay Rallapalli | D12A | Participation |

| | | |
|---|---|---|
| 5 | Omkar Mahajan | D7B | Participation |
| 6 | Tanay Phatak | D7B | Participation |
| 7 | Aditya Mundas | D7C | Participation |
| 8 | Nimish Chidrawar | D7A | Participation |
| 9 | Juhi Chhatlani | D12A | Participation |
| 10 | Adwait Shirodkar | D12A | Participation |
| 11 | Karan Sharma | D12A | Participation |
| 12 | Ashutosh Mishra | D7C | Participation |
| 13 | Aditya Nehete | D7B | Participation |
| 14 | Swapnil Sakpal | D7B | Participation |
| 15 | Abhayvir Singh | D7A | Participation |
| 16 | Gauri Nagral | D7A | Participation |

4. **Event Name: Blockchain Workshop**
   **Date: 20th February 2022**
   **#Total no of Participants: 71**
   **Total no. of CMPN Participants: 17**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Juhi Chhatlani | D12A | Participation |
| 2 | Adwait Shirodkar | D12A | Participation |
| 3 | Karan Sharma | D12A | Participation |
| 4 | Ashutosh Mishra | D7C | Participation |
| 5 | Aditya Nehete | D7B | Participation |
| 6 | Swapnil Sakpal | D7B | Participation |
| 7 | Abhayvir Singh | D7A | Participation |
| 8 | Gauri Nagral | D7A | Participation |
| 9 | Yash Narkhede | D7B | Participation |
| 10 | LAVESH PREM LULLA | D7A | Participation |
| 11 | Tanay Phatak | D7B | Participation |

| | | | |
|---|---|---|---|
| 12 | Rakshit Deshmukh | D12A | Participation |
| 13 | Aashish Raheja | D12B | Participation |
| 14 | Omkar Mahajan | D7B | Participation |
| 15 | Nimish Chidrawar | D7A | Participation |
| 16 | Aditya Mundas | D7C | Participation |
| 17 | Vansh Pahuja | D7A | Participation |

5. **Event Name: WiE Essay Writing STEM THE GAP**
   **Date: 6th March 2022**
   **#Total no of Participants: 17**
   **Total no. of CMPN Participants: 2**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Juhi Talreja | D17A | 1st Prize |
| 2 | Tithi Jhamnani | D7B | Participant |

6. **Event Name: WiE Quiz**
   **Date: 8th March 2022**
   **#Total no of Participants: 55**
   **Total no. of CMPN Participants: 10**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Juhi Talreja | D17A | Participant |
| 2 | Tithi Jhamnani | D7B | Participant |
| 3 | Dinky Khatri | D2A | Participant |
| 4 | Neha valecha | D2B | Participant |
| 5 | Juhi Talreja | D17A | Participant |
| 6 | Komal lund | D2A | Participant |
| 7 | TASMIYA KHAN | D2A | Participant |

| | | | |
|---|---|---|---|
| 8 | Shrinivas ghumare | D2A | Participant |
| 9 | Varsha Sablani | D17C | Participant |
| 10 | richita heman karira | D2C | Participant |

**7. Event Name: VESIT TANK**
**Date: 13TH March 2022**
**#Total no of Participants: 8 teams 24 students**
**Total no. of CMPN Participants: 4 students**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Juhi Talreja | D17A | 2nd Prize |
| 2 | Srishti Shetty | D12C | Participant |
| 3 | Sneha Karthik | D12C | Participant |
| 4 | Gauri Mahajan | D12C | Participant |

**8. Event Name: Space Robotics Seminar**
**Date: 25th March 2022**
**#Total no of Participants: 132**
**Total no. of CMPN Participants: 29**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Dhruva Chaudhari | D2A | Participation |
| 2 | Ishita Marathe | D2A | Participation |
| 3 | Dhiren Kamlesh Sidhwani | D2A | Participation |
| 4 | Neeraj Chawla | D7B | Participation |
| 5 | Ravi Valecha | D2C | Participation |
| 6 | Darpan moorpani | D2A | Participation |
| 7 | AANCHAL DAYARAMANI | D2C | Participation |
| 8 | Harsh Chandiramani | D2C | Participation |
| 9 | Sejal Datir | D2C | Participation |
| 10 | Kavish Punjabi | D2B | Participation |

| | | | |
|---|---|---|---|
| 11 | Sania Khan | D2C | Participation |
| 12 | Aryan Hinduja | D2A | Participation |
| 13 | UJWAL GANGWANI | D2C | Participation |
| 14 | Chinmay Ganesh Phapale | D2A | Participation |
| 15 | Ruchir Rajnish Jain | D2B | Participation |
| 16 | Abhinav Sharma | D17A | Participation |
| 17 | Tejas Dhopavkar | D17A | Participation |
| 18 | Aditya Mohan | D17C | Participation |
| 19 | Dinesh Kannan | D17C | Participation |
| 20 | Abhijit Thikekar | D17A | Participation |
| 21 | Juhi Chhatlani | D12A | Participation |
| 22 | Adwait Shirodkar | D12A | Participation |
| 23 | Karan Sharma | D12A | Participation |
| 24 | Ashutosh Mishra | D7C | Participation |
| 25 | Aditya Nehete | D7B | Participation |
| 26 | Swapnil Sakpal | D7B | Participation |
| 27 | Abhayvir Singh | D7A | Participation |
| 28 | Gauri Nagral | D7A | Participation |
| 29 | Vansh Pahuja | D7A | Participation |

**9. Event Name: Case Closed Praxis**
**Date: 31st March 2022**
**#Total no of Participants: 144**
**Total no. of CMPN Participants: 32**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Vivek Balani | D7B | Participation |
| 2 | Yash Pehlani | D7B | Participation |
| 3 | Shreya Hadkar | D2B | Participation |
| 4 | Sai Thikekar | D2A | Participation |

| | | | |
|---|---|---|---|
| 5 | Anurag Shirsekar | D2A | Participation |
| 6 | Lintomon Chirakkara | D2A | Participation |
| 7 | Priyanshu Gurwani | D2A | Participation |
| 8 | Aniket Pradhan | D2A | Participation |
| 9 | Ajay Gangwani | D2A | Participation |
| 10 | Isha Desai | D7A | Participation |
| 11 | Shruti Dalvi | D7A | Participation |
| 12 | Hitakrit Goplani | D7A | Participation |
| 13 | Sanika Hadap | D2C | Participation |
| 14 | Ruchi Jain | D2B | Participation |
| 15 | Anvi Made | D4B | Participation |
| 16 | Mohit Patil | D2B | Participation |
| 17 | Gautam Dinga | D7A | Participation |
| 18 | Harsh loya | D7A | Participation |
| 19 | Aniket Pradhan | D2A | Participation |
| 20 | Ashish Golsangi | D9A | Participation |
| 21 | Yash Kaka | D7B | Participation |
| 22 | Reshoo Nehru | d7b | Participation |
| 23 | Yash Pahlani | D7B | Participation |
| 24 | Nikhil Haswani | D7A | Winner |
| 25 | Prathamesh Thakur | D7A | Winner |
| 26 | Yashraj Mulwani | D7A | Winner |
| 27 | Johan John | D2B | Participation |
| 28 | Anmol Gyanmote | D2B | Participation |
| 29 | Vedang Rathi | D2B | Participation |
| 30 | Vivek Balani | D7B | Participation |
| 31 | Yash Pahlani | D7B | Participation |
| 32 | Vedant Pawar | D2C | Participation |

**10. Event Name: Online Treasure Hunt [OTH]**

**Date: 19th and 20th March 2022**
**#Total no of Participants: 156**
**Total no. of CMPN Participants: 52**

| Sr No | Name | Class | Award/Participation |
|---|---|---|---|
| 1 | Shrey panchamia | D7A | Participation |
| 2 | Gautam Dinga | D7A | Participation |
| 3 | Lavesh Lulla | D7A | Participation |
| 4 | Rashmi Singh | D12B | Participation |
| 5 | Nimish Borole | D7B | Participation |
| 6 | Sahil Deshmukh | D12A | Participation |
| 7 | Aditya Gurnani | D17A | Participation |
| 8 | Sanket Jangale | D17B | Participation |
| 9 | Pooja koshti | D17A | Participation |
| 10 | SARTHAK DADHAKAR | D17A | Participation |
| 11 | sakshi Rajesh bhojwani | D7B | Participation |
| 12 | DINESH KANNAN | D17C | Participation |
| 13 | ADITYA NEHETE | D7B | Participation |
| 14 | ADVAIT NAIK | D17A | Participation |
| 15 | AYUSH JAIN | D7B | Participation |
| 16 | Muskan Hassanandani | D12A | Participation |
| 17 | Vinit Mahajan | D7B | Participation |
| 18 | Tejas Mahajan | D12A | Participation |
| 19 | ABHAY GUPTA | D17B | Participation |
| 20 | KRISH MEHTA | D7A | Participation |
| 21 | ASHUTOSH MISHRA | D7C | Participation |
| 22 | ADITYA MOHAN | D17C | Participation |
| 23 | Abhinav Sharma | D17A | Participation |
| 24 | pooja koshti | D17A | Participation |
| 25 | YASH KURADE | D7B | Participation |
| 26 | Dinesh Kannan | D17C | Participation |
| 27 | Yoshita Bhole | D7B | Participation |
| 28 | PRIOTOSH MONDAL | D7A | Participation |
| 29 | Srishti Shetty | D12C | Participation |
| 30 | Sakshi Rane | D7B | Participation |

| | | | |
|---|---|---|---|
| 31 | SWAPNIL SAKPAL | D7B | Participation |
| 32 | BHAVESH BHATIA | D7A | Participation |
| 33 | Kusum Rohra | D12A | Participation |
| 34 | Aaditya Khetwani | D7C | Participation |
| 35 | GAURI NAGRAL | D7A | Participation |
| 36 | PRATHAMESH THAKUR | D7A | Participation |
| 37 | Nikita Narwani | D7C | Participation |
| 38 | Mirudhula Nadar | D17C | Participation |
| 39 | Yashraj Rameshlal Mulwani | D7A | Participation |
| 40 | VINAYAK BARANWAL | D17C | 3rd Prize |
| 41 | VANSH PAHUJA | D7A | Participation |
| 42 | RAHUL CHINMAY | D17C | Participation |
| 43 | Anurag Saraswat | D12A | Participation |
| 44 | Rakshit Deshmukh | D12A | Participation |
| 45 | NIKHIL HASWANI | D7A | Participation |
| 46 | Vinayak Baranwal | D17C | Participation |
| 47 | ABHINAV SHARMA | D17A | Participation |
| 48 | Aditi Bhatia | D7A | Participation |
| 49 | Juhi Chhatlani | D12A | Participation |
| 50 | Pooja Koshti | D17A | Participation |
| 51 | AADITYA KHETWANI | D7C | Participation |
| 52 | Krish Amesur | D17A | Participation |

**2.7.2.1.3 CSI EVENTS**

**CMPN Winners:**

| Events | Name | Class |
|---|---|---|
| The Frontman's Challenge | Hitakrit Goplani | D7A |
| | Shruti Dalvi | D7A |
| | | |
| | Aaditya Khetwani | D7C |
| | Gaurav Ambartani | D7C |
| | | |
| | Sakshi Bhojwani | D7B |

| | | |
|---|---|---|
| | Sanjana Asrani | D7B |
| | | |
| Hidden Cipher | | |
| | Isha Desai | D7A |
| | Prathamesh Thakur | D7A |
| | Priotosh Mondal | D7A |
| | | |
| WLAN | | |
| | Japneet Rajput | D7C |
| | Harsh Karira | D7C |
| | Aayush Talreja | D7C |
| | | |
| | Reshoo Nehru | D7B |
| | Hitesh Ramrakhyani | D7B |
| | Atharva Gaonkar | D7B |
| | | |
| Cricomania | | |
| | Hitesh Ramrakhyani | D7A |
| | Kaushik Sahasranaman | D7A |
| | Manasi Shah | D7A |

**1. Workshop Name: Github & Docker**
**Date: 15th & 16th January 2022**
**#Total no of Participants: 127**
**Total no. of CMPN Participants: 39**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | HItakrit Goplani | D7A | Participation |
| 2 | Isha Desai | D7A | Participation |
| 3 | Kaustubha Sahu | D7A | Participation |
| 4 | Nikhil Haswani | D7A | Participation |
| 5 | Prathamesh Thakur | D7A | Participation |
| 6 | Priotosh Mondal | D7A | Participation |
| 7 | Shruti Dalvi | D7A | Participation |

| | | | |
|---|---|---|---|
| 8 | Gautam Wadhwani | D7B | Participation |
| 9 | Harsh Bakhtar | D7B | Participation |
| 10 | Reshoo Nehru | D7B | Participation |
| 11 | Varad Deshmukh | D7B | Participation |
| 12 | Sakshi Bhojwani | D7B | Participation |
| 13 | Teesha Karotra | D7B | Participation |
| 14 | Mithil Wasrani | D7B | Participation |
| 15 | Yashkumar Kewlani | D7B | Participation |
| 16 | Sanjana Asrani | D7B | Participation |
| 17 | Tanmay Thakare | D7B | Participation |
| 18 | aayush talreja | D7C | Participation |
| 19 | anuj bagad | D7C | Participation |
| 20 | chitra atlani | D7C | Participation |
| 21 | jatin ochani | D7C | Participation |
| 22 | japneet rajput | D7C | Participation |
| 23 | madhura mhatre | D7C | Participation |
| 24 | muskan chabbria | D7C | Participation |
| 25 | navin idnani | D7C | Participation |
| 26 | niranjan yeole | D7C | Participation |
| 27 | om borate | D7C | Participation |
| 28 | harsh rane | D7C | Participation |
| 29 | sahil madhyan | D7C | Participation |
| 30 | sachin choudhary | D7C | Participation |
| 31 | sakshi patil | D7C | Participation |
| 32 | sanjana bhojwani | D7C | Participation |
| 33 | shubham gupta | D7C | Participation |
| 34 | siya doshi | D7C | Participation |
| 35 | Varun Salvi | D7C | Participation |
| 36 | Sudhanshu Sabale | D7C | Participation |
| 37 | Vishakha Kulkarni | D7C | Participation |
| 38 | Harsh Karira | D7C | Participation |
| 39 | Sahil Nagdev | D7C | Participation |

**2. Workshop Name: Bootstrap**
**Date:22nd January 2022**

**#Total no of Participants: 85**
**Total no. of CMPN Participants: 30**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Hitakrit Goplani | D7A | Participation |
| 2 | Isha Desai | D7A | Participation |
| 3 | Kaustubha Sahu | D7A | Participation |
| 4 | Prathamesh Thakur | D7A | Participation |
| 5 | Sakshi Shahdadpuri | D7A | Participation |
| 6 | Gautam Wadhwani | D7B | Participation |
| 7 | Sanjana Asrani | D7B | Participation |
| 8 | Teesha Karotra | D7B | Participation |
| 9 | Yash Kewlani | D7B | Participation |
| 10 | Varad Deshmukh | D7B | Participation |
| 11 | Divyang Patel | D7B | Participation |
| 12 | Aarya lotke | D7C | Participation |
| 13 | Aayushi Salunkhe | D7C | Participation |
| 14 | Anuj Bagad | D7C | Participation |
| 15 | Chitra Atlani | D7C | Participation |
| 16 | Gaurav Ambartani | D7C | Participation |
| 17 | Harsh Karira | D7C | Participation |
| 18 | Jatin Ochani | D7C | Participation |
| 19 | Madhura Mhatre | D7C | Participation |
| 20 | Muskan Chabbria | D7C | Participation |
| 21 | Navin Idnani | D7C | Participation |
| 22 | Niranjan yeole | D7C | Participation |
| 23 | Om Borate | D7C | Participation |
| 24 | Sachin Choudhary | D7C | Participation |
| 25 | Sahil Kishnani | D7C | Participation |
| 26 | Sahil Madhyan | D7C | Participation |
| 27 | Sakshi Patil | D7C | Participation |
| 28 | Shubham Gupta | D7C | Participation |
| 29 | Siya Doshi | D7C | Participation |
| 30 | Varun Salvi | D7C | Participation |

**3. WorkshopName: NodeJs & MongoDB**
**Date: 5th & 6th February 2022**
**#Total no of Participants: 65**
**Total no. of CMPN Participants: 28**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Kaustubha Sahu | D7A | Participation |
| 2 | Hitakrit Goplani | D7A | Participation |
| 3 | Isha Desai | D7A | Participation |
| 4 | Nikhil Haswani | D7A | Participation |
| 5 | Prathamesh Thakur | D7A | Participation |
| 6 | Gautam Wadhwani | D7B | Participation |
| 7 | Reshoo Nehru | D7B | Participation |
| 8 | Sakshi Bhojwani | D7B | Participation |
| 9 | Yash Kewlani | D7B | Participation |
| 10 | Digvijay Kocharekar | D7B | Participation |
| 11 | Divyang Patel | D7B | Participation |
| 12 | Harsh Bakhtar | D7B | Participation |
| 13 | Mithil Wasrani | D7B | Participation |
| 14 | Sanjana Asrani | D7B | Participation |
| 15 | Tanmay Thakre | D7B | Participation |
| 16 | Omkar Mahajan | D7B | Participation |
| 17 | Chitra Atlani | D7C | Participation |
| 18 | Gaurav Ambartani | D7C | Participation |
| 19 | Harsh Karira | D7C | Participation |
| 20 | Aaditya Khetwani | D7C | Participation |
| 21 | Muskan chabbria | D7C | Participation |
| 22 | Sahil Kishnani | D7C | Participation |
| 23 | Sahil Madhyan | D7C | Participation |
| 24 | Sanjana Bhojwani | D7C | Participation |
| 25 | Niranjan Yeole | D7C | Participation |
| 26 | Sakshi patil | D7C | Participation |

| | | | |
|---|---|---|---|
| 27 | Vishaka Kulkarni | D7C | Participation |
| 28 | Siyona singh | D7C | Participation |

**4. WorkshopName: PHP & Laravel**
**Date: 5th March 2022**
**#Total no of Participants:60**
**Total no. of CMPN Participants: 10**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Nikhil Haswani | D7A | Participation |
| 2 | Prathamesh Thakur | D7A | Participation |
| 3 | Gautam Wadhwani | D7B | Participation |
| 4 | Harsh Bakhtar | D7B | Participation |
| 5 | Harsh Karira | D7C | Participation |
| 6 | Japneet Rajput | D7C | Participation |
| 7 | Chitra Atlani | D7C | Participation |
| 8 | Muskan Chabbria | D7C | Participation |
| 9 | Sudhanshu Sabale | D7C | Participation |
| 10 | Aaditya Khetwani | D7C | Participation |

**5. WorkshopName: ReactJs & MaterialUI**
**Date: 12th & 13th March 2022**
**#Total no of Participants: 52**
**Total no. of CMPN Participants: 22**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Gauri Nagral | D7A | Participation |
| 2 | Hitakrit Goplani | D7A | Participation |
| 3 | Prathamesh Thakur | D7A | Participation |
| 4 | Kaustubha Sahu | D7A | Participation |
| 5 | Gautam Wadhwani | D7B | Participation |
| 6 | Harsh Bakhtar | D7B | Participation |
| 7 | Mithil Wasrani | D7B | Participation |
| 8 | Sakshi Bhojwani | D7B | Participation |
| 9 | Sanjana Asrani | D7B | Participation |

| | | | |
|---|---|---|---|
| 10 | Teesha Karotra | D7B | Participation |
| 11 | Varad Deshmukh | D7B | Participation |
| 12 | Anuj Bagad | D7C | Participation |
| 13 | Chitra Atlani | D7C | Participation |
| 14 | Japneet Rajput | D7C | Participation |
| 15 | Muskan Chabbria | D7C | Participation |
| 16 | Sakshi patil | D7C | Participation |
| 17 | Varun salvi | D7C | Participation |
| 18 | Vishakha kulkarni | D7C | Participation |
| 19 | Harsh rane | D7C | Participation |
| 20 | Harsh Karira | D7C | Participation |
| 21 | Sahil Nagdev | D7C | Participation |
| 22 | Sahil Madhyaan | D7C | Participation |

**6. WorkshopName: NextJs & tailwind CSS**
**Date: 17th March 2022**
**#Total no of Participants: 14**
**Total no. of CMPN Participants: 14**

| **Sr No.** | **Student Name** | **Class** | **Award / Participation** |
|---|---|---|---|
| | | | |
| 1 | Hitakrit Goplani | D7A | Participation |
| 2 | Shruti Dalvi | D7A | Participation |
| 3 | KAUSTUBHA SAHU | D7A | Participation |
| 4 | Prathamesh Thakur | D7A | Participation |
| 5 | Sakshi Bhojwani | D7B | Participation |
| 6 | Jayesh Dayalani | D7B | Participation |
| 7 | Varad Deshmukh | D7B | Participation |
| 8 | Reshoo Nehru | D7B | Participation |
| 9 | Gautam Wadhwani | D7B | Participation |
| 10 | Japneet Rajput | D7C | Participation |
| 11 | madhura mhatre | D7C | Participation |
| 12 | vishakha kulkarni | D7C | Participation |
| 13 | sahil madhyan | D7C | Participation |

| | | | |
|---|---|---|---|
| 14 | Aaditya Khetwani | D7C | Participation |

**7. WorkshopName: Python & Django**
**Date: 19th & 20th March 2022**
**#Total no of Participants: 65**
**Total no. of CMPN Participants: 14**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Hitakrit Goplani | D7A | Participation |
| 2 | Prathamesh Thakur | D7A | Participation |
| 3 | Kaustubha Sahu | D7A | Participation |
| 4 | Shruti Dalvi | D7A | Participation |
| 5 | Gautam Wadhwani | D7B | Participation |
| 6 | Harsh Bakhtar | D7B | Participation |
| 7 | Varad Deshmukh | D7B | Participation |
| 8 | Aayushi Salunkhe | D7C | Participation |
| 9 | Divesh chodha | D7C | Participation |
| 10 | Gaurav Ambartani | D7C | Participation |
| 11 | Harsh Karrira | D7C | Participation |
| 12 | Sahil madhyan | D7C | Participation |
| 13 | Varun salvi | D7C | Participation |
| 14 | Muskan Chhabria | D7C | Participation |

**8. WorkshopName: Web3.0**
**Date: 17th April 2022**
**#Total no of Participants: 38**
**Total no. of CMPN Participants: 7**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Hitakrit Goplani | D7A | Participation |
| 2 | Gautam Wadhwani | D7B | Participation |
| 3 | Harsh Bakhtar | D7B | Participation |
| 4 | Varad Deshmukh | D7B | Participation |
| 5 | Aaditya Khetwani | D7C | Participation |
| 6 | Chitra Atlani | D7C | Participation |

| | | | |
|---|---|---|---|
| 7 | Muskan Chabbria | D7C | Participation |

**9. Event Name: The Frontman's Challenge**
**Date: 8th January 2022**
**#Total no of Participants: 53**
**Total no. of CMPN Participants: 31**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Yash Pahlani | D7B | Participation |
| 2 | Vivek Balani | D7B | Participation |
| 3 | Anuj Bagad | D7C | Participation |
| 4 | Japneet Rajput | D7C | Participation |
| 5 | Hitakrit Goplani | D7A | Participation |
| 6 | Shruti Dalvi | D7A | Participation |
| 7 | Aarya Lotke | D7C | Participation |
| 8 | Aayushi Salunkhe | D7C | Participation |
| 9 | Aayush Talreja | D7C | Participation |
| 10 | Sahil Madhyan | D7C | Participation |
| 11 | Aaditya Khetwani | D7C | Participation |
| 12 | Gaurav Ambartani | D7C | Participation |
| 13 | Aayush Shribatho | D7A | Participation |
| 14 | Nikhil Haswani | D7A | Participation |
| 15 | Harsh Bakhtar | D7B | Participation |
| 16 | Eshwar Vazirani | D7B | Participation |
| 17 | Sakshi Bhojwani | D7B | Participation |
| 18 | Sanjana Asrani | D7B | Participation |
| 19 | Navin idnani | D7C | Participation |
| 20 | Sanjana Bhojwani | D7C | Participation |
| 21 | Tanmay Thakare | D7B | Participation |
| 22 | Yash Kewlani | D7B | Participation |
| 23 | Sahil Nagdev | D7C | Participation |
| 24 | Madhura Mhatre | D7C | Participation |
| 25 | Harsh Karira | D7C | Participation |
| 26 | Akhil Chakkungal | D12B | Participation |

| | | | |
|---|---|---|---|
| 27 | Vipin Talreja | D12B | Participation |
| 28 | Laveena Kithani | D12A | Participation |
| 29 | Radhika Katiyara | D12A | Participation |
| 30 | Gauri Nagral | D7A | Participation |
| 31 | Aditya Sawant | D17A | Participation |

**10. Event Name: Hidden Cipher**
**Date: 29th & 30th January 2022**
**#Total no of Participants: 60**
**Total no. of CMPN Participants: 35**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Sahil Madhyan | D7C | Participation |
| 2 | Hitakrit Goplani | D7A | Participation |
| 3 | Shruti Dalvi | D7A | Participation |
| 4 | Aaditya Khetwani | D7C | Participation |
| 5 | Anuj bagad | D7C | Participation |
| 6 | Harsh Rane | D7C | Participation |
| 7 | Gautam Wadhwani | D7B | Participation |
| 8 | Reshoo Nehru | D7B | Participation |
| 9 | Vivek Balani | D7B | Participation |
| 10 | Sanjana Asrani | D7B | Participation |
| 11 | Sakshi Bhojwani | D7B | Participation |
| 12 | Yashkumar Kewlani | D7B | Participation |
| 13 | Aayush Shribatho | D7A | Participation |
| 14 | Aayushi Salunkhe | D7C | Participation |
| 15 | Nikhil Haswani | D7A | Participation |
| 16 | Neeta Narang | D7B | Participation |
| 17 | Gunjan Chhaproo | D7A | Participation |
| 18 | Sahil Dodeja | D7A | Participation |
| 19 | Isha Desai | D7A | 1st position |
| 20 | Prathamesh Thakur | D7A | 1st position |
| 21 | Priotosh Mondal | D7A | Participation |
| 22 | Navin Idnani | D7C | Participation |

| | | | |
|---|---|---|---|
| 23 | Sanjana Bhojwani | D7C | Participation |
| 24 | Chitra Atlani | D7C | Participation |
| 25 | Tanmay Thakare | D7B | Participation |
| 26 | Teesha Karotra | D7B | Participation |
| 27 | Varad Deshmukh | D7B | Participation |
| 28 | Sahil kishnani | D7C | Participation |
| 29 | Japneet rajput | D7C | Participation |
| 30 | Gaurav Ambartani | D7C | Participation |
| 31 | Ritika Vanjarani | D7B | Participation |
| 32 | Diya Janyani | D7B | Participation |
| 33 | Swapnil Thatte | D7C | Participation |
| 34 | Madhura Mhatre | D7C | Participation |
| 35 | Siya Doshi | D7C | Participation |

**11. Event Name: WLAN**
**Date: 15th, 16th, 17th & 19th February 2022**
**#Total no of Participants: 55**
**Total no. of CMPN Participants: 15**

| Games | Student Name | Class | Award / Participation |
|---|---|---|---|
| BGMI | Japneet Rajput | D7C | Participation |
| | Harsh Karira | D7C | Participation |
| | Aayush Talreja | D7C | Participation |
| | Anuj Bagad | D7C | Participation |
| | Reshoo Nehru | D7B | 1st position |
| | Dheeraj Yadav | D12C | Participation |
| | Hitesh Ramrakhyani | D7A | 1st position |
| | Yash Ahuja | D12C | Participation |
| | Manish Khilwani | D12B | Participation |
| | | | |
| Rocket League | Japneet Rajput | D7C | Participation |
| | Akhil Chakkungal | D12B | Participation |
| | | | |
| COD-M | Japneet Rajput | D7C | 1st position |
| | Harsh Karira | D7C | 1st position |
| | Aayush Talreja | D7C | 1st position |

| | | | |
|---|---|---|---|
| | Khushi Makhijani | D17C | Participation |
| | Mrudul Parab | D12B | Participation |
| | | | |
| Valorant | Aayush Talreja | D7C | Participation |
| | Japneet Rajput | D7C | Participation |
| | Harsh Karira | D7C | Participation |
| | Sahil Madhyan | D7C | Participation |
| | Gaurav Amartani | D7C | Participation |
| | Vivek Balani | D7B | Participation |
| | Kaustubh Kharche | D7B | Participation |

**12. Event Name: Cricomania**
**Date: 26th & 27st March 2022**
**#Total no of Participants: 33**
**Total no. of CMPN Participants: 26**

| Sr No. | Student Name | Class | Award / Participation | |
|---|---|---|---|---|
| | | | | |
| 1 | Anmol Devnani | D17B | Participation | Yet to recieve |
| 2 | Tanvi Shetty | D17B | Participation | Yet to recieve |
| 3 | Vedant Sawant | D17B | Participation | Yet to recieve |
| | | | | |
| 4 | Preet Jain | D17A | Participation | Yet to recieve |
| 5 | Krish Amesur | D17A | Participation | Yet to recieve |
| | | | | |
| 6 | Japneet Rajput | D7C | Participation | Yet to recieve |
| 7 | Aayush Talreja | D7C | Participation | Yet to recieve |
| 8 | Sudhanshu Sabale | D7C | Participation | Yet to recieve |
| | | | | |
| 9 | Anuj bagad | D7C | Participation | Yet to recieve |
| 10 | Navin idnani | D7C | Participation | Yet to recieve |
| 11 | Niranjan yeole | D7C | Participation | Yet to recieve |
| | | | | |
| 12 | Gautam Wadhwani | D7B | Participation | Yet to recieve |
| 13 | Jayesh Dayani | D7B | Participation | Yet to recieve |
| 14 | Harsh Bhaktar | D7B | Participation | Yet to recieve |

| | | | | |
|---|---|---|---|---|
| | | | | |
| 15 | Aayush Shribatho | D7A | Participation | Yet to recieve |
| 16 | Nikhil Haswani | D7A | Participation | Yet to recieve |
| 17 | Shreyas Sawant | D7A | Participation | Yet to recieve |
| | | | | |
| 18 | Varun Tripathy | D12A | Participation | Yet to recieve |
| 19 | Manigandan Kasimani | D12A | Participation | Yet to recieve |
| 20 | Aashutosh Baraskar | D12A | Participation | Yet to recieve |
| | | | | |
| 21 | Hitesh Ramrakhyani | D7A | 1st position | Yet to recieve |
| 22 | Kaushik Sahasranaman | D7A | 1st position | Yet to recieve |
| 23 | Manasi Shah | D7A | 1st position | Yet to recieve |
| | | | | |
| 24 | Aaryan Manawat | D7A | Participation | Yet to recieve |
| 25 | Figo Cardozo | D7A | Participation | Yet to recieve |
| 26 | Drishti Samvedi | D7B | Participation | Yet to recieve |

**13. Event Name: Sherlock and Watson**

**Date: 30th March,2022**

**#Total no of Participants: 60**

**Total no. of CMPN Participant:12**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Hitakrit Goplani | D7A | Participation |
| 2 | Shruti Dalvi | D7A | Participation |
| | | | |
| 3 | Aayush Shribatho | D7A | Participation |
| 4 | Prathamesh Thakur | D7A | Participation |
| | | | |
| 5 | Sakshi Bhojwani | D7B | Participation |
| 6 | Varad Deshmukh | D7B | Participation |
| | | | |
| 7 | Yash Brid | D7B | Participation |
| 8 | Gaurav Amarnani | D7A | Participation |
| | | | |

| | | | |
|---|---|---|---|
| 9 | Gautam Wadhwani | D7A | Participation |
| 10 | Tanmay Thakare | D7A | Participation |
| | | | |
| 11 | Isha Desai | D7A | Participation |
| 12 | Kaustubha Sahu | D7A | Participation |

**14. Event Name: Amazing Race**
**Date: 31st March, 2022**
**#Total no of Participants:156**
**Total no. of CMPN Participants: 90**

| Sr No. | Student Name | Class | Award / Participation |
|---|---|---|---|
| | | | |
| 1 | Vinesh Paralkar | D2C | Participation |
| 2 | Sadhak Kumar | D2C | Participation |
| 3 | Soham Tawade | D2C | Participation |
| 4 | Nikhil Singh | D2C | Participation |
| | | | |
| 5 | Soham Kelaskar | D2C | Participation |
| 6 | Pratham Shetty | D2C | Participation |
| 7 | Atharva Jadhav | D2C | Participation |
| 8 | Ajay Iyer | D2C | Participation |
| | | | |
| 9 | Madhura Gaval | D2B | Participation |
| 10 | Vanshika Lalwani | D2B | Participation |
| 11 | Netal Bhansali | D2B | Participation |
| 12 | Kashika Chandwani | D2B | Participation |
| | | | |
| 13 | Anurag Shirsekar | D2A | Participation |
| 14 | Ajay Gangwani | D2A | Participation |
| 15 | Linto chirakkara | D2A | Participation |
| | | | |
| 16 | Ravi Valecha | D2C | Participation |
| 17 | Taufique Ansari | D2C | Participation |
| 18 | Anurag Tripathi | D2C | Participation |
| 19 | Himesh Hotwani | D2C | Participation |

| | | | |
|---|---|---|---|
| 20 | Prakash Meghani | D2B | Participation |
| 21 | Prathamesh Jawlale | D2B | Participation |
| 22 | Somnath Batra | D2B | Participation |
| 23 | Rishi Kathpal | D2B | Participation |
| | | | |
| 24 | Neha Valecha | D2B | Participation |
| 25 | Priyanshu Gurwani | D2A | Participation |
| | | | |
| 26 | Bhanu Shamdasani | D2B | 1st position |
| 27 | Manas Ruchandani | D2C | 1st position |
| 28 | Vedant Pawar | D2C | 1st position |
| | | | |
| 29 | muskan talreja | D2B | Participation |
| 30 | neha sewani | D2B | Participation |
| 31 | dinesh ubrani | D2B | Participation |
| 32 | someet verlyani | D2B | Participation |
| 33 | Akshita Bathija | D2C | Participation |
| | | | |
| 34 | Tanvi Naik | D2C | Participation |
| 35 | sanika hadap | D2C | Participation |
| 36 | ruchir Jain | D2B | Participation |
| 37 | vishaka mangtani | D2B | Participation |
| | | | |
| 38 | Kavish Punjabi | D2B | Participation |
| 39 | Soham Panjabi | D2B | Participation |
| 40 | Aryan Hinduja | D2A | Participation |
| 41 | Yashodhan Sharma | D2B | Participation |
| 42 | Jiya Gangwani | D2A | Participation |
| | | | |
| 43 | johan john | D2B | 2nd position |
| 44 | pranav rane | D2B | 2nd position |
| 45 | vedang rathi | D2B | 2nd position |
| 46 | manali patil | D2B | 2nd position |

| | | | |
|---|---|---|---|
| 47 | aryan manghi | D2B | 2nd position |
| | | | |
| 48 | Niranjan Yeole | D7C | 3rd position |
| 49 | Anuj Bagad | D7C | 3rd position |
| | Aaditya Khetwani | D7C | 3rd position |
| 50 | Ritika Bhat | D7B | Participation |
| 51 | Sakshi Bhojwani | D7B | Participation |
| 52 | Tanmay Thakare | D7B | Participation |
| 53 | Tanay Phatak | D7B | Participation |
| 54 | Teesha Karota | D7B | Participation |
| | | | |
| 55 | Piyush Waghmare | D7A | Participation |
| 56 | Shreya Kukreja | D7A | Participation |
| | | | |
| 57 | Hitakrit Goplani | D7A | Participation |
| 58 | Shruti Dalvi | D7A | Participation |
| 59 | Isha Desai | D7A | Participation |
| 60 | Sahil Madhyan | D7A | Participation |
| | | | |
| 61 | Vivek Balani | D7B | Participation |
| 62 | Yash Pahlani | D7B | Participation |
| 63 | Reshoo Nehru | D7B | Participation |
| | | | |
| 64 | Siddarth Bugtani | D17A | Participation |
| 65 | Vishwesh Jagtap | D17A | Participation |
| 66 | Kabir Rajpal | D17A | Participation |
| 67 | Sejal Budhani | D17A | Participation |
| | | | |
| 68 | Saurabh Lalwani | D17A | Participation |
| 69 | Yash Lodha | D17A | Participation |
| 70 | Amit Joshi | D17A | Participation |
| 71 | Omkar Mangalballi | D17A | Participation |
| | | | |
| 72 | Bhavika Chhattani | D12C | 2nd position |

| | | | |
|---|---|---|---|
| 73 | Manasvi Patva | D12C | 2nd position |
| | | | |
| 74 | Gautam Wadhwani | D7B | Participation |
| | | | |
| 75 | Figo Cardozo | D7A | Participation |
| 76 | Drishti Samvedi | D7B | Participation |
| 77 | Prathamesh Thakur | D7A | Participation |
| 78 | Kaustubha Sahu | D7A | Participation |
| 79 | Hitesh Ramrakhyani | D7A | Participation |
| | | | |
| 80 | Tanvi Shetty | D17B | 1st position |
| 81 | Maitrayiyi Dandekar | D17B | 1st position |
| 82 | Anmol Devnani | D17B | 1st position |
| 83 | Gurudatt Goankar | D17B | 1st position |
| | | | |
| 84 | Laksh Lalwani | D12C | Participation |
| 85 | Jitesh Ladhani | D12C | Participation |
| 86 | Bhavesh Meghwani | D12C | Participation |
| | | | |
| 87 | Japneet Rajput | D7C | Participation |
| 88 | Vedansh Udhawani | D7C | Participation |
| 89 | Romesh Lulla | D7C | Participation |
| 90 | Yash Kaka | D7C | Participation |

**2.7.2.1.4 ISA EVENTS**

1. **Event Name: Analog Electronic Workshop**
   **Date: 15/01/2022 & 16/01/2022**
   **#Total no of Participants: 33**
   **Total no. of CMPN Participants: 1**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Sakshi Rane | D7B | Participation |

2. **Event Name: Data Analytics**
**Date: 12/02/2022-13/02/2022**
**#Total no of Participants: 26**
**Total no. of CMPN Participants: 1**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Aman Kachru | D12B | Participation |

3. **Event Name: Dashboard Making Competition**
**Date: 25/09/2021**
**#Total no of Participants: 10**
**Total no. of CMPN Participants: 1**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Aditi Bhatia | D7A | 1st Position |

4. **Event Name: Programming with APIs**
**Date: 29/01/22 - 30/01/22**
**#Total no of Participants: 13**
**Total no. of CMPN Participants: 2**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Digvijay Kocharekar | D7B | Participation |
| 2 | Niyanti Padave | D12C | Participation |

**2.7.2.2 Praxis 2022 :**

## Total Participation of computer students- 330

| Praxis'2022 | | | | | | |
|---|---|---|---|---|---|---|
| **Praxis'22 Events- Table 1** | | | | | | |
| **Sr. No** | **Date** | **Event Name** | **Timing** | **participation details** | **Computer students** | |

| | | | | (file link) | participation details (count) | |
|---|---|---|---|---|---|---|
| 1 | 20th March 2022 | VRC : Speaker series on “Towards Vibrant Innovation Ecosystem” | 10.00-12.00 | Link | 27 | |
| 2 | 19th March 2022 | VRC : Internal Hackthon for SIH22 | 8.30-5.30 | Link | 77 | |
| 3 | 25th March 2022 | IEEE : Seminar on Space Exploration and Technologies | 3.00 - 5.00 PM | Link | 30 | |
| 4 | 28th March 2022 | E-Cell : Learn to compound your money ! | 2.45 PM | Link | 08 | |
| 5 | 29th March | ISTE: Techtrix | 12 noon | Link | 11 | |
| 6 | 30th March 2022 | CSI : Sherlock & Watson | 3:00 - 5:00 PM | Link | 92 | Link |
| 7 | 29th March 2022 | ISA: The Tech-Game Quadrangle | 2:45 pm onwards | Link | 07 | Link |

| Praxis'22 Events :Day 1 -Table 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sr. No** | **Date** | **Event Name** | **Timing** | **participation details (file link)** | **computer students participation details (count)** | **Winners list (file link)** | **Report (file link)** |
| 1 | 31st March 2022 | VRC : Robotics | Full Day | Link | 06 | Link | Link |
| 3 | 31st March 2022 | E-cell : VESIT Valley | Full Day | Link | 10 | NA | Link |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4 | 31st March 2022 | ISTE : Dalal Street | 1.00-4.30 | Link | 62 | Link | Link |
| 5 | 31st March 2022 | CSI : Amazing Race | 9.00-12.30 | Link | 76(already counted in CSI event table 1 ) | Link | Link |
| 6 | 31st March 2022 | ISA : Scavenge to Build | 1.00-4.30 | Link | 07(already counted in ISA event table 1) | Link | Link |

**Gallery**

*Participants getting their results checked by our Managing Secretary Prerak Moolchandani(D12A) for the POWER OF TWO Round*

**2.8** ExtraCurricular Activities

2.8.1 Participation in Inter College Competitions

| Sr. No. | Name of the student | Date | Event | Awrd |
|---|---|---|---|---|
| 1 | Akansha Ahuja | 2022 | Freestyle Group Dance Competition Alegria | 2nd position |

2.8.2 Participation in Intra College Activities

2.8.2.1 SoRT Activities

1. **Event Name: Voter Registration Drive**
   **Date: 06-01-2022 to 25-01-2022**
   **#Total no of Participants: 554**
   **Total no. of CMPN Participants: 75**

| Sr. No. | Name | Class | Award/ Participation |
|---|---|---|---|
| 1 | Palak Garg | D12B | Participant |
| 2 | Nikita Narwani | D7A | Participant |
| 3 | Omkar Mahajan | D7B | Participant |
| 4 | Yash Kaka | D7B | Participant |
| 5 | Ayush Jain | D7B | Participant |
| 6 | Tanmay Damle | D7B | Participant |
| 7 | Soham Bhole | D7B | Participant |
| 8 | Tithi Jhamnani | D7B | Participant |
| 9 | Sahil Madhyan | D7C | Participant |
| 10 | Khan Nausheen Dilshad | D7C | Participant |
| 11 | Varun Milind Salvi | D7C | Participant |
| 12 | Mansi Bellani | D7C | Participant |
| 13 | Madhura Mhatre | D7C | Participant |
| 14 | Sahil Talreja | D7C | Participant |
| 15 | Tarun Shetty | D7C | Participant |
| 16 | Japneet Rajput | D7C | Participant |
| 17 | Mihir Bhatkar | D7C | Participant |
| 18 | Siyona Singh | D7C | Participant |
| 19 | Shubham Gupta | D7C | Participant |
| 20 | Navin idnani | D7C | Participant |
| 21 | Chitra Prakash Atlani | D7C | Participant |
| 22 | Siya Doshi | D7C | Participant |
| 23 | SHUBHAM DEVIDAS CHELANI | D2A | Participant |
| 24 | Aman Kumar | D2A | Participant |
| 25 | CHENGALVA SAI HARIKHA | D2A | Participant |
| 26 | ANCHAL SHARMA | D2A | Participant |
| 27 | Shamal Dhanaji Dhekale | D2A | Participant |
| 28 | Sneha Tanna | D2A | Participant |

| | | |
|---|---|---|
| 29 | CHIRAKKARA LINTOMON SAJI | D2A | Participant |
| 30 | Ketaki Paresh Sahasrabudhe | D2A | Participant |
| 31 | Manish Mulchandani | D2A | Participant |
| 32 | Uzair Shaikh | D2A | Participant |
| 33 | Aniket anil pradhan | D2A | Participant |
| 34 | Ishita Sudhir Marathe | D2A | Participant |
| 35 | ANAGHA ARVIND KULKARNI | D2A | Participant |
| 36 | Aditya mangtani | D2A | Participant |
| 37 | Amisha Chandwani | D2A | Participant |
| 38 | Yashodhan Sharma | D2B | Participant |
| 39 | Rashika Chandwani | D2B | Participant |
| 40 | Pranav Rane | D2B | Participant |
| 41 | Deep Bhanushali | D2B | Participant |
| 42 | Aman Sande | D2B | Participant |
| 43 | Vaishnavi Ganpat Chavan | D2B | Participant |
| 44 | Shreya Hadkar | D2B | Participant |
| 45 | Janvi Paryani | D2B | Participant |
| 46 | Vedang Rathi | D2B | Participant |
| 47 | Manasi Sharma | D2B | Participant |
| 48 | Vedant Vinish Tawade | D2C | Participant |
| 49 | Piyush Jitendra Malviya | D2C | Participant |
| 50 | Tanvi Naik | D2C | Participant |
| 51 | Amaan Radhanpura | D2C | Participant |
| 52 | TANMAY SANDEEP CHAUDHARY | D2C | Participant |
| 53 | Sadhak Kumar | D2C | Participant |
| 54 | Pavan Thakur | D2C | Participant |
| 55 | Atharva Jadhav | D2C | Participant |
| 56 | Karira Richita Heman | D2C | Participant |
| 57 | Aaryan Mahadik | D2C | Participant |
| 58 | Vinesh Paralkar | D2C | Participant |
| 59 | Dipanshu Ghime | D2C | Participant |
| 60 | Param Pandey | D2C | Participant |
| 61 | Pratham Shetty | D2C | Participant |
| 62 | Sanika Mangesh Hadap | D2C | Participant |

| | | | |
|---|---|---|---|
| 63 | kunal khubchandani | D2C | Participant |
| 64 | Sania Khan | D2C | Participant |
| 65 | Prerna banswnai | D2c | Participant |
| 66 | Varsha Mukesh Makhija | D2C | Participant |
| 67 | Devangana Barua | D2C | Participant |
| 68 | Nikhil Singh | D2C | Participant |
| 69 | Simran Ahuja | D2C | Participant |
| 70 | Manav Mahesh Keswani | D2C | Participant |
| 71 | Dipti Walmik Hemnani | D2C | Participant |
| 72 | PANDE MALHAR RAJESH | D2C | Participant |
| 73 | Kalpana Gurnani | D2C | Participant |
| 74 | AJAY S. IYER | D2C | Participant |
| 75 | Ravi Valecha | D2C | Participant |

**2. Event Name: Poster Making Competition**
**Date: 19-01-2022 announcement of poster making, 07-02-2022 last date for submission, 16-02-2022 the day we declared results.**
**#Total no of Participants: 24**
**Total no. of CMPN Participants: 10**

| Sr. No. | Name | Class | Award/ Participation |
|---|---|---|---|
| 1 | Sahil Deshmukh | D12A | Organizer and volunteer |
| 2 | Palak Garg | D12B | Organizer and volunteer |
| 3 | Shreya Nalawade | D2B | Participant |
| 4 | HITESH PUNJABI | D2B | Participant |
| 5 | Netal Mukund Bhansali | D2B | Participant |
| 6 | Richita Karira | D2C | Participant |
| 7 | TASMIYA KHAN | D2A | Participant |
| 8 | Kashish Jadhwani | D2A | Participant |
| 9 | Sneha Tanna | D2A | Participant |
| 10 | CHIRAKKARA LINTOMON SAJI | D2A | Participant |

**3. Event Name: Show of Hands**
**Date: 20-01-2022 to 25-01-2022**
**#Total no of Participants: 272**
**Total no. of CMPN Participants: 66**

| Sr. No. | Name | Class | Award/ Participation |
|---|---|---|---|
| 1 | Roshnee Matlani | D17A | Participant |
| 2 | Aditya | D12A | Participant |
| 3 | Rakshit Deshmukh | D12A | Participant |
| 4 | Adwait Shirodkar | D12A | Participant |
| 5 | Hema Gallani | D12C | Participant |
| 6 | Tejas Gala | D12C | Participant |
| 7 | Gauri | D12C | Participant |
| 8 | Shreya Kukreja | D7A | Participant |
| 9 | Shrey | D7A | Participant |
| 10 | Riya Nadagire | D7A | Participant |
| 11 | Vansh Pahuja | D7A | Participant |
| 12 | Gauri Nagral | D7A | Participant |
| 13 | LAVESH LULLA | D7A | Participant |
| 14 | Aditya Nehete | D7B | Participant |
| 15 | Neeraj Chawla | D7B | Participant |
| 16 | Tanay Phatak | D7B | Participant |
| 17 | Denzil | D7B | Participant |
| 18 | Sakshi Rane | D7B | Participant |
| 19 | Swapnil Umesh Sakpal | D7B | Participant |
| 20 | Ananya Pandey | D7C | Participant |
| 21 | Ashutosh Mishra | D7C | Participant |
| 22 | Japneet Rajput | D7C | Participant |
| 23 | Hiten Kataria | D2A | Participant |
| 24 | Shamal Dhekale | D2A | Participant |
| 25 | Sachin kundal | D2A | Participant |
| 26 | Aditya mangtani | D2A | Participant |
| 27 | Manav daryani | D2A | Participant |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 28 | Manish Mulchandani | D2A | Participant |
| | | | 29 | Pratik Wagharalkar | D2A | Participant |
| | | | 30 | Anagha Arvind Kulkarni | D2A | Participant |
| | | | 31 | Sairaj Deshpande | D2A | Participant |
| | | | 32 | Chengalva Sai Harikha | D2A | Participant |
| | | | 33 | Amisha Chandwani | D2A | Participant |
| | | | 34 | Uzair Shaikh | D2A | Participant |
| | | | 35 | Sneha Tanna | D2A | Participant |
| | | | 36 | Chirakkara Lintomon Saji John | D2A | Participant |
| | | | 37 | Ishita Marathe | D2A | Participant |
| | | | 38 | Aniket pradhan | D2A | Participant |
| | | | 39 | Shubham Chelani | D2A | Participant |
| | | | 40 | Ajay Gangwani | D2A | Participant |
| | | | 41 | Uday Harisinghani | D2A | Participant |
| | | | 42 | Ketan Paryani | D2B | Participant |
| | | | 43 | Aman Sande | D2B | Participant |
| | | | 44 | Vishakha Mangtani | D2B | Participant |
| | | | 45 | Shreya Hadkar | D2B | Participant |
| | | | 46 | Yashodhan Sharma | D2B | Participant |
| | | | 47 | Pratham Nathani | D2B | Participant |
| | | | 48 | Riddhi Prakash Labde | D2B | Participant |
| | | | 49 | Kunal Vishwakarma | D2B | Participant |
| | | | 50 | Manasi Sharma | D2B | Participant |
| | | | 51 | Vedant Pawar | D2C | Participant |
| | | | 52 | Soham Kelaskar | D2C | Participant |
| | | | 53 | Richita Heman Karira | D2C | Participant |
| | | | 54 | Taufique Ansari | D2C | Participant |
| | | | 55 | Kalpana Gurnani | D2C | Participant |
| | | | 56 | Himesh Hotwani | D2C | Participant |
| | | | 57 | Dipti Walmik Hemnani | D2C | Participant |
| | | | 58 | Aaryan Mahadik | D2C | Participant |
| | | | 59 | Varsha Makhija | D2C | Participant |
| | | | 60 | Ilham syed | D2C | Participant |
| | | | 61 | Sejal | D2C | Participant |

| | | | |
|---|---|---|---|
| 62 | Amaan Radhanpura | D2C | Participant |
| 63 | Param Pandey | D2C | Participant |
| 64 | Tanvi Naik | D2C | Participant |
| 65 | Sania Khan | D2C | Participant |
| 66 | Sanika Mangesh Hadap | D2C | Participant |

**4. Event Name: U&I Registration**
**Date: 20-02-2022**
**#Total no of Participants: 91**
**Total no. of CMPN Participants: 24**

| Sr. No. | Name | Class | Award/ Participation |
|---|---|---|---|
| 1 | Hitesh | D12C | Participant |
| 2 | Sahil Deshmukh | D12A | Organsier and volunteer |
| 3 | Palak Garg | D12B | Organsier and volunteer |
| 4 | Tanishq Harchandani | D7A | Participant |
| 5 | Arya Banavali | D2A | Participant |
| 6 | Anurag Ganesh Shirsekar | D2A | Participant |
| 7 | Sairaj Deshpande | D2A | Participant |
| 8 | TASMIYA KHAN | D2A | Participant |
| 9 | Ajay Gangwani | D2A | Participant |
| 10 | Vishakha Singh | D2B | Participant |
| 11 | Prakash Meghani | D2B | Participant |
| 12 | Johan | D2B | Participant |
| 13 | Kunal Rakesh Vishwakarma | D2B | Participant |
| 14 | Riddhi Prakash Labde | D2B | Participant |
| 15 | Ketan Paryani | D2B | Participant |
| 16 | Prakash Meghani | D2B | Participant |
| 17 | Prasad Sadanand Chaudhari | D2B | Participant |
| 18 | Mahendra jitendrasing Girase | D2B | Participant |
| 19 | Anjali Aghicha | D2B | Participant |
| 20 | Karan khatri | D2B | Participant |

| | | | |
|---|---|---|---|
| 21 | Saumya Tripathi | D2B | Participant |
| 22 | Netal Mukund Bhansali | D2B | Participant |
| 23 | Prerna banswani | D2C | Participant |
| 24 | Himesh Hotwani | D2C | Participant |

**5. Event Name: Drops of hope**
**Date: 15-03-2022**
**#Total no of Participants: 244**
**Total no. of CMPN Participants: 28**

| Sr. No. | Name | Class | Award/ Participation |
|---|---|---|---|
| 1 | Yash leddha | D17A | Participant |
| 2 | Amit Joshi | D17A | Participant |
| 3 | Prithvi Kumar | D12A | Participant |
| 4 | Chaitanya Sondur | D7A | Participant |
| 5 | Anish Nair | D7B | Participant |
| 6 | Chirag Dayaramani | D12A | Participant |
| 7 | Atharva Kathane | D12C | Participant |
| 8 | Shrey Panchamia | D7A | Participant |
| 9 | Abhishek Patwardhan | D12A | Participant |
| 10 | Saurav Kalaskar | D17C | Participant |
| 11 | Mansi Shah | D7A | Participant |
| 12 | Siya Doshi | D7C | Participant |
| 13 | Ayush Jain | D7C | Participant |
| 14 | Varad Deshmukh | D7B | Participant |
| 15 | Kunal Kotkar | D17B | Participant |
| 16 | Himanshu Behra | D12B | Participant |
| 17 | Ajay Khalsa | D17C | Participant |
| 18 | Ikjot Khurana | D12B | Participant |
| 19 | Varnit Batheja | D12A | Participant/Volunteer |
| 20 | Amit Chhabria | D17C | Participant |
| 21 | Tanish Sahijwani | D17C | Participant |
| 22 | Rohan Ghosalkar | D17C | Participant |
| 23 | Meet Patel | D12A | Participant |

| | | | |
|---|---|---|---|
| 24 | Sahil Deshmukh | D12A | Participant/Volunteer |
| 25 | Yash Wadhwani | D17C | Participant |
| 26 | Sarthak Thakur | D17C | Participant |
| 27 | Aryan Gupta | D12A | Participant |
| 28 | Hitakrit Goplani | D7A | Participant |

6. **Event Name: Umeed volunteers**
   **Date: 04-04-2022 to 07-04-2022**
   **#Total no of Participants: 23**
   **Total no. of CMPN Participants: 8**

| Sr. No. | Name | Class | Award/ Participation |
|---|---|---|---|
| 1 | Sahil Deshmukh | D12A | Volunteer |
| 2 | Palak Garg | D12B | Volunteer |
| 3 | Aditya Nehete | D7B | Volunteer |
| 4 | Bhavika Chattani | D12C | Volunteer |
| 5 | Muskan Bahrani | D7B | Volunteer |
| 6 | Manasvi Patwa | D12C | Volunteer |
| 7 | Jasmine Sawara | D12C | Volunteer |
| 8 | Varnit Batheja | D12A | Volunteer |

**2.8.2.2 SPORTS Activities:**

1. **Event Name: Sphurti - Table Tennis(Boys)**
   **Date: 29-03-22 to 18-04-22**
   **#Total no of Participants: 3**
   **Total no. of CMPN Participants: 3**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Anuj Bagad | D7C | Semi-finals |
| 2 | Anurag Ghatge | D7A | Semi-finals |
| 3 | Pratik Thakur | D7C | Semi-finals |

2. **Event Name: Sphurti - Table Tennis(Girls)**
   **Date: 29-03-22 to 18-04-22**

**#Total no of Participants: 3**
**Total no. of CMPN Participants: 3**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Ayushi Salunkhe | D7C | Semi-finals |
| 2 | Ketaki Jambhekar | D7C | Semi-finals |
| 3 | Ritika Bhat | D7B | Semi-finals |

3. **Event Name: Sphurti-Chess(Boys)**
   **Date: 29-03-22 to 18-04-22**
   **#Total no of Participants: 2**
   **Total no. of CMPN Participants:2**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Pushkaraj | D7B | Semi-finals |
| 2 | Yash Sahane | D7B | Semi-finals |

4. **Event Name:Sphurti-Chess(girls)**
   **Date: 29-03-22 to 18-04-22**
   **#Total no of Participants: 2**
   **Total no. of CMPN Participants: 2**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| **1** | **Deanna Fernandes** | **D7B** | **Semi-finals** |
| **2** | **Vanshika Thakur** | **D7C** | **Semi-finals** |
| | | | |

5. **Event Name:Sphurti-Carrom(Boys)**
   **Date: 29-03-22 to 18-04-22**
   **#Total no of Participants: 4**
   **Total no. of CMPN Participants: 4**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Harsh | | Participation |
| 2 | Ritesh Tahilramani | D7B | Participation |
| 3 | Hrishikesh Patil | D7B | Participation |

6. **Event Name:Sphurti-Carrom(Girls)**
   **Date: 29-03-22 to 18-04-22**
   **#Total no of Participants: 4**
   **Total no. of CMPN Participants: 4**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Sakshi Rane | D7B | Participation |
| 2 | Drishti Samvedi | D7B | Participation |
| 3 | Prabha Pamula | D7B | Participation |

7. **Event Name:Sphurti-Futsal(Boys)**
   **Date: 29-03-22 to 18-04-22**
   **#Total no of Participants: 6**
   **Total no. of CMPN Participants:6**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Figo Cardozo | D7A | Participation |
| 2 | Divesh Mangtani | D7C | Participation |
| 3 | Pratik | D7C | Participation |
| 4 | Yash Sahane | D7B | Participation |
| 5 | Samarth Gavli | D7B | Participation |
| 6 | Niranjan | D7C | Participation |

**8. Event Name: Futsal(Girls)**
**Date: 29-03-22 to 18-04-22**
**#Total no of Participants: 06**
**Total no. of CMPN Participants:**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Sakshi Rane | D7B | Participation |
| 2 | Deanna Fernandes | D7B | Participation |
| 3 | Drishti Samvedi | D7B | Participation |
| 4 | Namrata Avhad | D7A | Participation |
| 5 | Sanjana Bhojwani | D7C | Participation |
| 6 | Sakshi Bhojwani | D7B | Participation |

**9. Event Name: Tug of War(Boys)**
**Date: 29-03-22 to 18-04-22**
**#Total no of Participants: 11**
**Total no. of CMPN Participants: 11**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Muskan Behrani | D7B | Participation |
| 2 | Roshini Panjwani | D7A | Participation |
| 3 | Namrata Ahved | D7A | Participation |
| 4 | Nikkita Gurnani | D7A | Participation |
| 5 | Sakshi Rane | D7B | Participation |
| 6 | Sonal Belani | D7A | Participation |
| 7 | Aditi Bhatia | D7A | Participation |
| 8 | Meera Desai | D7A | Participation |

| | | | |
|---|---|---|---|
| 9 | Deanna Fernandes | D7B | Participation |
| 10 | Vishakha | D7A | Participation |
| 11 | Sanjana Bhojwani | D7C | Participation |

**10. Event Name:Tug of War(Girls)**
**Date: 29-03-22 to 18-04-22**
**#Total no of Participants: 11**
**Total no. of CMPN Participants: 11**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Samarth Gawali | D7B | Participation |
| 2 | Denzil Nelson | D7B | Participation |
| 3 | Raghav Pratap Singh | D7B | Participation |
| 4 | Varad Deshmukh | D7B | Participation |
| 5 | Ayush Jain | D7B | Participation |
| 6 | Hitakrit Goplani | D7A | Participation |
| 7 | Figo Cardozo | D7A | Participation |
| 8 | Nikhil Mahajan | D7A | Participation |
| 9 | Aaryan Manawat | D7A | Participation |
| 10 | Krish Mehta | D7A | Participation |
| 11 | Pushkaraj Baradkar | D7B | Participation |

**11.Event Name:Dodgeball(Boys)**
**Date: 29-03-22 to 18-04-22**
**#Total no of Participants: 9**
**Total no. of CMPN Participants:9**

| **Sr. No.** | **Name of the Student** | **Class** | **Award / Participation** |
|---|---|---|---|

| | | | |
|---|---|---|---|
| 1 | Dhananjay Pai | D7B | Participation |
| 2 | Neeraj Chawla | D7B | Participation |
| 3 | Samarth Gawali | D7B | Participation |
| 4 | Chirag Panjwani | D7B | Participation |
| 5 | Aaditya Nehete | D7B | Participation |
| 6 | Harsh Patil | D7A | Participation |
| 7 | Aaryan Manawat | D7A | Participation |
| 8 | Aayush Jain | D7B | Participation |
| 9 | Nikhil Mahajan | D7A | Participation |

**12.Event Name:Dodgeball(Girls)**
**Date: 29-03-22 to 18-04-22**
**#Total no of Participants: 9**
**Total no. of CMPN Participants:9**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Sakshi Rane | D7B | Participation |
| 2 | Drishti Samvedi | D7B | Participation |
| 3 | Ananya Pandey | D7C | Participation |
| 4 | Aarya Lotke | D7C | Participation |
| 5 | Sakshi Bhojwani | D7B | Participation |
| 6 | Prerna Bajaj | D7B | Participation |
| 7 | Sakshi Patil | D7C | Participation |
| 8 | Sanjana Bhojwani | D7B | Participation |
| 9 | Deanna Fernandes | D7B | Participation |

**13.Event Name: Kho–Kho(Boys and Girls)**
**Date: 29-03-22 to 18-04-22**
**#Total no of Participants: 12**
**Total no. of CMPN Participants: 12**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Muskan Behrani | D7B | Participation |
| 2 | Drishti Samvedi | D7B | Participation |
| 3 | Sakshi Bhojwani | D7B | Participation |
| 4 | Ananya Pandey | D7C | Participation |
| 5 | Aarya Lotke | D7C | Participation |
| 6 | Kaustubh Kharche | D7B | Participation |
| 7 | Aayush Jain | D7B | Participation |
| 8 | Kapil Bhavnani | D7A | Participation |
| 9 | Navin Idnani | D7C | Participation |
| 10 | Aaditya Nehete | D7B | Participation |
| 11 | Ritesh Tahilramani | D7B | Participation |
| 12 | Nikhil Haswani | D7A | Participation |

**14.Event Name: Volleyball(Boys**
**Date: 29-03-22 to 18-04-22**
**#Total no of Participants:**
**Total no. of CMPN Participants: 6**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Aryan Manawat | D7A | Runners-up |
| 2 | Abhiman Singh | D7A | Runners-up |
| 3 | Krish Mehta | D7A | Runners-up |

| | | | |
|---|---|---|---|
| 4 | Harsh Patil | D7A | Runners-up |
| 5 | Abhayvir Singh | D7A | Runners-up |
| 6 | Soham Bhole | D7B | Runners-up |
| 7 | Kaustubh Kharche | D7B | Runners-up |
| 8 | Raghav Pratap Singh | D7B | Runners-up |

**2.8.2.3 MUSIC EVENTS**

1. **Event Name:Bliss**
   **Date: 12 February 2022**
   **#Total no of Participants:22**
   **Total no. of CMPN Participants: 6**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Praneel Rastogi | D17C | Participation |
| 2 | Kaushik Sahasranaman | D7A | Participation |
| 3 | Manasi Shah | D7A | Participation |
| 4 | Vinit Patil | D7B | Participation |
| 5 | Gaurav Ambartani | D7C | Participation |
| 6 | Aditya Mohan | D17C | Participation |

2. **Event Name: Republic day**
   **Date: 26th january,2022**
   **#Total no of Participants: 7**
   **Total no. of CMPN Participants: 3**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Mansi Shah | D7A | Participation |
| 2 | Kaushik Sahasranaman | D7A | Participation |

| | | | |
|---|---|---|---|
| 3 | Anand Tekwani | D12C | Participation |

**3. Event Name:Octaves- Voice of VESIT**
**Date: 4th April,2022**
**#Total no of Participants: 9**
**Total no. of CMPN Participants: 1**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Anjali Hassani | D17C | Participation |

**4. Event Name:Octaves- Instrumental Faceoff**
**Date: 5th April, 2022**
**#Total no of Participants: 6**
**Total no. of CMPN Participants: 2**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Omkar Manganpalli | D17A | 3rd Prize |
| 2 | Manoj Ayyappan | D17B | 3rd Prize |

**5. Event Name: Octaves- Battle of Bands**
**Date: 5th April,2022**
**#Total no of Participants: 28**
**Total no. of CMPN Participants: 2**

| Sr. No. | Name of the Student | Class | Award / Participation |
|---|---|---|---|
| 1 | Praneel Rastogi | D17C | 2nd Prize |
| 2 | Aditya Mohan | D17CF | 2nd Prize |

**2.9** Internships

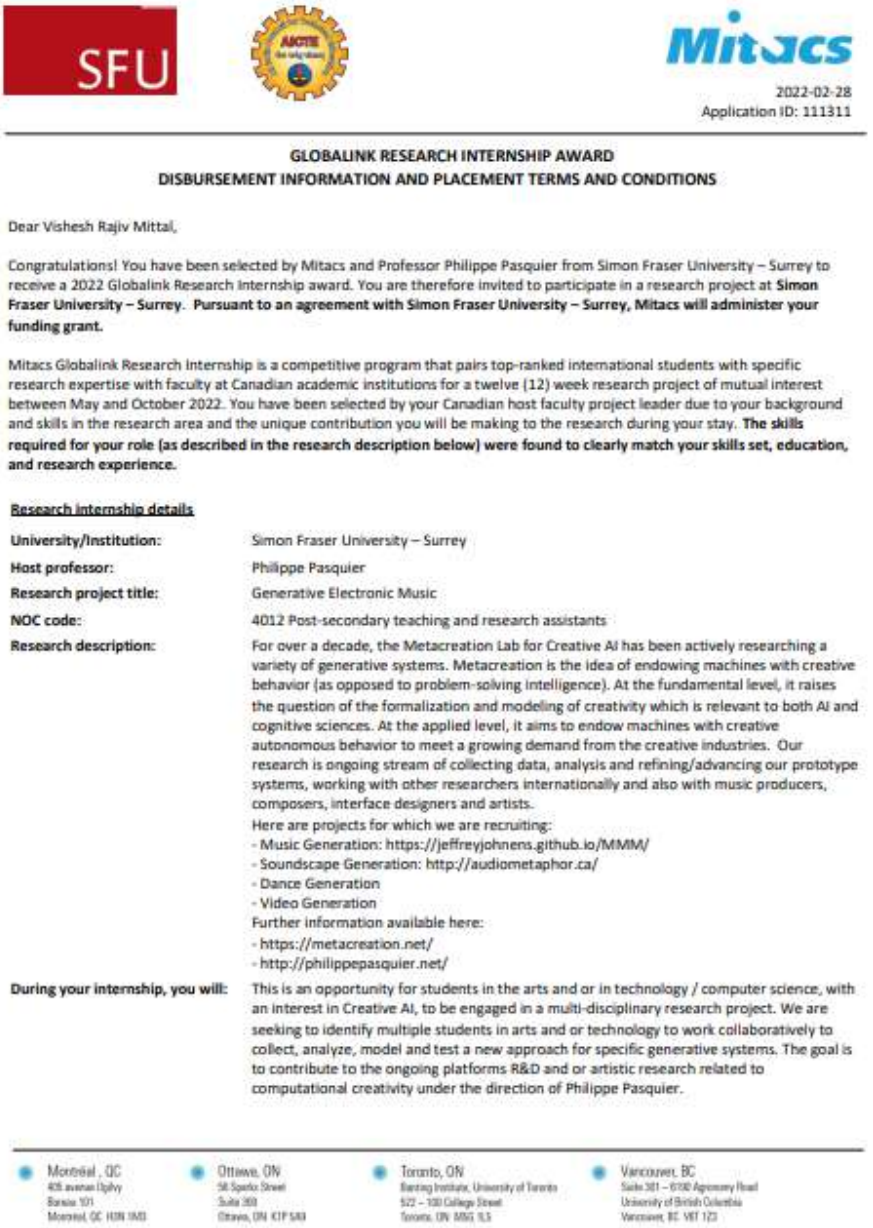
| Sr. No. | Student Name | Class | Company Name | Title of Project | Starting date of internship | End date of internship |
|---|---|---|---|---|---|---|
| 1 | Nikita Narwani | D7C | Ace Writers Hub | Web developme nt | 1/7/2022 | 2/7/2022 |
| 2 | Yash Kaka | D7B | Exposys data labs | Webchat using Django | 12/4/2021 | 1/4/2022 |
| 3 | Deanna Jerry Fernandes | D7B | Exposys Data Labs | Web Chat using Django | 12/4/2021 | 1/4/2022 |
| 4 | Tithi Jhamnani | D7B | Exposys Data Labs | Content writing | 12/6/2021 | 1/5/2022 |
| 5 | Figo Evander Cardozo | D7A | Exposys Data Labs | Encryption using triple DES | 12/3/2021 | 1/2/2022 |
| 6 | Shubhangi Zope | D12B | Technotreon Intellectual Ventures | Startup project Fitolo - website and research and developme nt on ERP | 7/7/2021 | 1/7/2022 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7 | Shivani Shenai | D17B | IIT Bombay | Document Analysis Tools under IIT Decile Team | 3/20/2022 | 9/20/2022 |

**2.10 Scholarships Applied / Received:**

| Sr No | Student Name | Class / Department | Trust Name | Amount (Rs.) |
|---|---|---|---|---|
| 1 | Hitesh Ramarakhiyani | CMPN - II YEAR | Sai Vilayatrai Sai Jiwatsingh & Sai Vishindas | 20000 |
| 2 | Hitesh Ramarakhiyani | CMPN - II YEAR | Bhartiya Sindhu Sabha | 15000 |
| 3 | Yerawar Om Sakharam | CMPN - IV YEAR | Vivekanand Jyoti Scholarship | 25000 |
| 4 | Pranav Jitendra Ubarhande | CMPN SE | Student Aid | 15000 |
| 5 | Viral Shripad Joshi | CMPN SE | Student Aid | 15000 |
| 6 | Mohit Rajeshkumar Peshwani | CMPN BE | Student Aid | 15000 |
| 7 | Muskan Deepakial Chhabrla | CMPN SE | Student Aid | 15000 |
| 8 | Ramrakhyani Hitesh Devanand | CMPN SE | Student Aid | 15000 |
| 9 | Harsh Bakhtar | CMPN SE | Student Aid | 15000 |
| 10 | Khushboo Vijay Dalwani | TE - CMPN | Jadavpur University Alumni Association - BB Trust Late R. M. Bardhan and Mamata Bardhan 2021-22 | Rs.20,000 |
| 11 | Harsh Loya | SE CMPN | Jadavpur University | Shortlisted |

| | | | | | |
|---|---|---|---|---|---|
| | | | | Alumni Association - BB Trust Late R. M. Bardhan and Mamata Bardhan 2021-22 | |
| | | 12 | Om Sakharam Yerawar | CMPN BE | Students Aid | Shortlisted |
| | | 13 | Pranav Jitendra Ubarhande | CMPN SE | Students Aid | Shortlisted |
| | | 14 | Viraj Shripad Joshi | CMPN SE | Students Aid | Shortlisted |
| | | 15 | Mohit RajeshKumar Peshwani | CMPN BE | Students Aid | Shortlisted |
| | | 16 | Muskan Deepaklal Chhabria | CMPN SE | Students Aid | Shortlisted |
| | | 17 | Vaswani Girish Pritam | CMPN BE | Students Aid | Shortlisted |
| | | 18 | ROHIT RAMCHAND VADHYA | CMPN BE | Students Aid | Shortlisted |
| | | 19 | RAMRAKHYANI HITESH DEVANAND | CMPN SE | Students Aid | Shortlisted |
| | | 20 | Harsh Bakhtar | CMPN SE | Students Aid | Shortlisted |
| | | 21 | Harsh Loya | SE CMPN | Students Aid | Shortlisted |
| | **2.11** | **Awards/Achievements:**<br>● Vishesh Mittal (D12B) selected by Mitacs and Professor Philippe Pasquier from Simon Fraser University – Surrey to receive a 2022 Globalink Research Internship award. | | | |



2022-02-28
Application ID: 111311

**GLOBALINK RESEARCH INTERNSHIP AWARD**
**DISBURSEMENT INFORMATION AND PLACEMENT TERMS AND CONDITIONS**

Dear Vishesh Rajiv Mittal,

Congratulations! You have been selected by Mitacs and Professor Philippe Pasquier from Simon Fraser University – Surrey to receive a 2022 Globalink Research Internship award. You are therefore invited to participate in a research project at **Simon Fraser University – Surrey**. **Pursuant to an agreement with Simon Fraser University – Surrey, Mitacs will administer your funding grant.**

Mitacs Globalink Research Internship is a competitive program that pairs top-ranked international students with specific research expertise with faculty at Canadian academic institutions for a twelve (12) week research project of mutual interest between May and October 2022. You have been selected by your Canadian host faculty project leader due to your background and skills in the research area and the unique contribution you will be making to the research during your stay. **The skills required for your role (as described in the research description below) were found to clearly match your skills set, education, and research experience.**

**Research internship details**

| | |
|---|---|
| **University/Institution:** | Simon Fraser University – Surrey |
| **Host professor:** | Philippe Pasquier |
| **Research project title:** | Generative Electronic Music |
| **NOC code:** | 4012 Post-secondary teaching and research assistants |
| **Research description:** | For over a decade, the Metacreation Lab for Creative AI has been actively researching a variety of generative systems. Metacreation is the idea of endowing machines with creative behavior (as opposed to problem-solving intelligence). At the fundamental level, it raises the question of the formalization and modeling of creativity which is relevant to both AI and cognitive sciences. At the applied level, it aims to endow machines with creative autonomous behavior to meet a growing demand from the creative industries. Our research is ongoing stream of collecting data, analysis and refining/advancing our prototype systems, working with other researchers internationally and also with music producers, composers, interface designers and artists.<br>Here are projects for which we are recruiting:<br>- Music Generation: https://jeffreyjohnens.github.io/MMM/<br>- Soundscape Generation: http://audiometaphor.ca/<br>- Dance Generation<br>- Video Generation<br>Further information available here:<br>- https://metacreation.net/<br>- http://philippepasquier.net/ |
| **During your internship, you will:** | This is an opportunity for students in the arts and or in technology / computer science, with an interest in Creative AI, to be engaged in a multi-disciplinary research project. We are seeking to identify multiple students in arts and or technology to work collaboratively to collect, analyze, model and test a new approach for specific generative systems. The goal is to contribute to the ongoing platforms R&D and or artistic research related to computational creativity under the direction of Philippe Pasquier. |

Montréal, QC · Ottawa, ON · Toronto, ON · Vancouver, BC

- Hanisha Mohinani, Shivangee Kaw, Vinita Chugh, Om Yerawar and Mrs. Indu Dokare won Best paper presenter award in the International conference Interdisciplinary Research in Technology and Management 2022 held from 24th-26th february. Title of the research paper was "Vegetable and Fruit Leaf Diseases Detection Using ResNet".

International Conference on
INTERDISCIPLINARY RESEARCH IN TECHNOLOGY & MANAGEMENT
CERTIFICATE
OF BEST PRESENTER
THIS IS PROUDLY PRESENTED TO
Indu Dokare (Mumbai University, India)
For the paper titled
Vegetable and Fruit Leaf Diseases Detection Using ResNet
IN THE SESION
INFORMATION THEORY & CODING (SESION 3)
AT IRTM 2022 HELD FROM 24TH-26TH FEBRUARY 2022
Prof. Satyajit Chakrabarti, Director, IEM, India
Dr. Omkar Rai, General Chair IRTM 2022

- Sarthak Thakur, Anjali Badlani, Sanket Chowdhary, Harshita Kanal and Sharmila Sengupta Received Best Paper Award for Vayu - A proposal to address the SDG for maintaining AQI through 5G/6G mobile network,in International Conference on Interdisciplinary Research in Technology and Management held during 24th -26th Feb 2022.

**IFET COLLEGE OF ENGINEERING**

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to Anna University,
Recognized under section 2(f) & 12(B) of UGC Act- 1956.
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IEEE MADRAS SECTION

International Conference
on
Smart Technologies and Systems for Next Generation Computing
(ICSTSN 2022)

**BEST PAPER AWARD**

*Presented to*

Sharmila Sengupta
Associate Professor, Vivekanand Education Society's Institute of Technology

*For the paper entitled*

*Vayu - A proposal to address the SDG for maintaining AQI through 5G/6G mobile network*

*Which was presented in IEEE International Conference on "Smart Technologies and Systems for Next Generation Computing" held at IFET College of Engineering on 25th and 26th March 2022.*

Conference Chair | Principal | Chairman

- **Our** distinguished alumni (**Computer Engineering- Batch 2010**) **Squadron Leader Suraj Nair** conferred the coveted **"Vayu Sena Award" on 26th January, 2022** for his bravery.

## Squadron Leader Suraj Nair (32105) is on posted strength of a Mi-17 V5 Helicopter Unit.

**New Delhi. On 3 April 2021, San Ldr Nair volunteered to take part in a daring Casualty Evacuation mission in the vicinity to an ambush site in a known Naxalite infested area. He provided priceless inputs to the higher authorities at the control centre for effective planning and successful accomplishment of the mission. He planned the preparation and launch of the helicopters in a short notice; serving as an asset to his mission leader. After recce of the ambush site, his inputs were instrumental in effective execution of the dynamic mission.**

The mission involved high risk due to the unfamiliar hostile area with Naxalites operating in proximity to the hills. During the initial recce, he manoeuvred his helicopter clear of the mission leader, simultaneously looking for disposition of own and hostile forces and locating a suitable spot for extraction. During the Cas Evac, displaying good situational awareness, he effectively guided the third helicopter towards his leader. His immaculate handling of the aircraft proved instrumental in safely recovering mortal remains from the restricted landing site with an uneven surface which was surrounded by tall trees. His deft Crew Resource Management ensured safe accomplishment of the task in a hostile area.

In the subsequent missions for support of these operations, he recovered eight mortal remains from the ambush site. He was also involved in the insertion of 120 commandos for augmenting operations. With exceptional commitment to the assigned task, presence of mind and optimum utilisation of resources at hand, he was able to effect safe and expeditious conduct of missions in the vicinity of volatile combat site.

For his act of exceptional courage and disregard to personal safety in a very hostile combat zone, Sqn Ldr Suraj Nair is conferred with the award of **Vayu Sena Medal (Gallantry).**

**Vivekanand Education Society's Institute of Technology**

**Department of Instrumentation Engineering**

**Academic Year 2021-22 (Even Sem)**

**Department Report (From 1st Jan -31st May 2022)**

## 1.Faculty Contribution

1.1 Courses Conducted by Faculty

1.2 NPTEL Certification

1.3 Research Forum Activities

## 2.Student Achievement

2.1 Student Participation Workshops /Seminars/ Internship/Training

2.2 Industry Interactions/Training

## 3.Professional Society Activities (ISA)

3.1ANALOG ELECTRONICS WORKSHOP

3.2 API WORKSHOP

3.3 Data Analytics Workshop

3.4 BE & Beyond Workshop

3.5 Tech-Talks

3.6 IoT Bootcamp Report

## 1.Faculty Contribution

### 1.1 Courses Conducted by Faculty

| Sr. No. | Conducted By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Kader Shaikh | Hands-on training in Automation Workshop | VESIT-AIA | 4/4/22 to 7/4/22 | 4 days |

### 1.2 NPTEL Certifications

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Kadambari Sharma | NPTEL Online Certification on Introduction to Machine Learning | IITM | Jan-Apr 2022 | 4 Months |

## 2.Student Achievement

### 2.1 Industry Interactions/Training (Industrial Visit)

To gain clarity regarding the concepts in textbooks and their practical applicability, it is essential to visit an industry. Such visits will also acquaint the students with the industrial environment.

| Sr. No. | Name of the Industry | Industry Visit Location /Venue | Industry Visit-Duration | Industry Visit-Description |
|---|---|---|---|---|
| 1 | R.K. Dutt Concerns | Plot A, 88, Rd Number 18, Neheru Nagar, Wagle Industrial Estate, Thane West, Thane, Maharashtra 400604 | 09/04/2022 | The 1st factory that students visited was R.K.Dutt. They were explained about different types of Flow Measurement equipments such as Electromagnetic Flow meter,Rotameter etc.They were also shown the process of making some of the Equipments |
| 2 | R.K. Control Instruments Pvt. Ltd. | Thane Manaharshtar 400604 | 09/04/22 | The 2nd factory that students visited was R.K.Instruments.In R.K.Instruments they were explained about different types of valves.Also students saw the different parts of valve and its |

| | | | | |
|---|---|---|---|---|
| | | | | making process. The assembly of the actuator was also shown. They were also shown the process of how leakage in the valve is checked.The need of valve positioner was also conveyed to them with demonstration. They saw two types of valve i.e.air to open & air to close. |

## 2.2 Student Participation Workshops /Seminars /Internship/Training/Extra Activities:

| Sr. No. | Name of The Student | Class | Title of Training/Internship /Workshop | Organizing Industry/Institute Name | No.of Days |
|---|---|---|---|---|---|
| 1 | Kumbhare Raunik Laxman | BE | Analog Electronics workshop | ISA-VESIT | 2 Days |
| 2 | CHAVAN VEDANG NITIN | TE | Analog Electronics Workshop | ISA-VESIT | 2 Days |
| 3 | PORE SHREYAS ASHISH | BE | Webinar on '7 Habits of Highly Effective People' | NIT ANDHRA PRADESH | 2 hours |
| 4 | Nair Nidhi | TE | Personal and Professional Achievement Program | VESLang CIrcle | 6 Weeks |
| 5 | Gharat Srushti Sunil | BE | Sphurti Kho Kho winner | Sports council | 3 Days |
| 6 | Negi Shikha | BE | Ciia Exhibition Competition | Mumbai University and Ciia | 2 Days |
| 7 | Sutar Baburao Nitish | BE | Sports Kho Kho | Sports council VESIT | 1week |
| 8 | DHENDE RESHMA GULAB | TE | SPHURTI | Sports Council VESIT | 1 week |
| 9 | Hirugade Omkar Satish | BE | Ingenious 2022 - National Level Hackathon. | ISA VIT | 10 Days |
| 10 | Pakhale Hrutika | BE | President at ISA-VESIT | ISA-VESIT | 1 Year |
| 11 | COIMBATORE PARAG RAJENDRA | SE | iNTERNSHIP | COLLEGE | 30 days |
| 12 | Nair Nidhi | TE | Python Online Course | Coursera | 7 weeks |
| 13 | Pillai Shivashakti | BE | VESIT AIA workshop | B&R Automation | 4 Days |
| 14 | Koshti Suyash | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 15 | Jadhav Pranav | BE | VESIT AIA Workshop | B&R Automation | 4 Days |

| | | | | | |
|---|---|---|---|---|---|
| 16 | Shewale Sahil | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 17 | Talnikar Vaishnavi | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 18 | Thikade Sanket | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 19 | Yadav Ajay | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 20 | Bagul Vaibhavi | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 21 | Yadav Pratibha | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 22 | Mohta Fravash | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 23 | Jaiswar Prabhat | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 24 | Sayyed Usman | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 25 | Kadam Aditya | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 26 | Jadhav Sanskruti | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 27 | Pawar Omkar | BE | VESIT AIA Workshop | B&R Automation | 4 Days |
| 28 | Hirugade Omkar Satish | BE | Data Science and Machine learning | Internship at Learn and Build organization | 1 Months |
| 29 | Govilkar Gaurav Shailendra | TE | Digital Meter for Ultracapacitor | CiiA National Level Innovation Exhibition | 2 Days |
| 30 | Patil Rahul Sanjay | TE | Digital Meter for Ultracapacitor | CIIA | 2 Days |
| 31 | Negi Shikha | BE | Digital meter for ultracapacitor | VESIT | 2 Days |

## 3.Professional Society Activities (ISA)

## ISA Activity (Students Platform)

ISA-VESIT took a huge leap this year on the path to give the service of a Technical Society in the true sense. Set out to achieve technical prowess, it has surely come a long way.ISA-VESIT has now become a more technical oriented society and aims at imparting technical skills to its members in tandem with recreational events and skill enhancing workshops. The various activities conducted under ISA are:

### 3.1 ANALOG ELECTRONICS WORKSHOP

ISA-VESIT conducted a workshop on ‘Analog Electronics’ for its SE members on the 15th and 16th of January, 2022. The workshop was based on the

components of Joining kits provided to the newly joined SE members. It consisted of four sessions, two on each day, held between 10:30 a.m. to 2:30 p.m.

The first session was conducted by Gaurav Govilkar, Executive Officer at ISA-VESIT. The session started with a list of dos and don'ts for handling the components. Later the participants were introduced to the fundamentals of components such as BC547. The session also consisted of quiz rounds which made it interactive.

The second session was project based and was conducted by Prajakta Ukarande, Graphics Executive at ISA-VESIT. The first project in the session was to use BC547 as a switch. The second project was a darkness detector LED made using a LDR. The participants were then given a task of making a street light controller using multiple LEDs.

The third session was again conducted by Gaurav Govilkar. The participants were familiarized with the concepts of voltage divider rule, operational amplifiers, SR flip flops, and comparators. Later IC 555 was introduced along with its pin layout and configuration.

The final session was conducted by Hrutika Pakhale, Executive Officer at ISA-VESIT. The session started with making a LED flash using IC 555. The participants were then asked to make two LEDs flash alternately as a task. The last project consisted of making a touch probe-based LED. The session ended with the SE coordinators displaying a few other projects.

The workshop was able to impart the knowledge of analog electronics and helped participants develop project-making skills. The entire workshop was conducted and concluded successfully.

## 3.2 API WORKSHOP

ISA-VESIT conducted a workshop on ‘Programming with APIs’ on 29th and 30th of January, 2022. This workshop was conducted by Mr. Souvik Saha, a VESIT alumnus and an Embedded Software Developer at Sleepiz AG.

The fundamentals of Object Oriented Programming (OOP) like class and inheritance, basic information regarding API and the use of 'Postman' software were elucidated on the first of the workshop for making the concepts more clear and fortifying the foundation.

The second day started with an explanation of the 'request' module followed

by getting a hang of it by experimenting with various requests and APIs. The second session consisted of making a program which displayed cryptocurrency rates every 10 seconds. A flowchart was presented which made the process easy to understand. The program made use of CryptoCompare and Voice RSS APIs wherein the data received from CryptoCompare was given to Voice RSS as an input parameter. The participants got to experience the fun of coding first-hand at the end of the session.

We are gratified to announce the successful completion of our 'Programming with APIs' workshop, which aided in understanding and implementing APIs effectively.

### 3.3 Data Analytics Workshop

ISA-VESIT conducted a workshop on 'Data Analytics' for its SE members on 12th and 13th of February, 2022. The workshop covered all the fundamentals of data analytics as well as some projects were implemented based on that knowledge. The workshop consisted of four sessions, two on each day, held between 10.30 a.m. to 2.30 p.m.

The first session was conducted by Omkar Hirugade, Jr. Treasurer at ISA-VESIT. The basics of data analytics like problem statement, data acquisition, data wrangling and data visualization as well as the Python libraries like NumPy, Pandas and Matplotlib were covered in this session.

The second session was conducted by Janhavi Bhutki, Jr. Editor at ISA-VESIT. Participants made a very interesting project in this session, wherein they analysed the YouTube channel 'Mr. Beast'.

The first session of day 2 began with an explanation of Machine learning, Artificial intelligence and the Python library Sklearn, which was explained by Omkar Hirugade. By the end of the first session, participants were taught Machine learning models like linear and logistic regression.

The final session was conducted by Madhura Padge, Jr. Public Relations Officer at ISA-VESIT, wherein participants were given insights about the KNN and Decision tree models. Later, participants performed the predictive analysis of the 'Shark Tank' dataset using KNN, Logistic Regression and Decision tree models.

This workshop was conducted successfully by ISA-VESIT, which gave an overview of data analytics and how it can be implemented in different projects. We would like to thank all the participants for their cooperation and for making this workshop a huge success.

### 3.4 BE & Beyond Workshop

ISA-VESIT conducted the 'BE & Beyond’ workshop for its SE and TE members on the 19th and 20th of February, 2022. The workshop was held to provide guidance to students about various competitive exams and placement process, thereby informing them about the various career opportunities after BE. It was hosted gracefully by Mr. Nachiket Suryawanshi, SE Co-ordinator at ISA-VESIT.

The first session had a diverse set of speakers who shared the best preparation strategies for acing various competitive exams. Ms. Aarya Naik shared her plan of action to ace GRE and TOEFL. Mr. Saheb Wadhwa provided useful tips to qualify GATE along with its perks. Mr. Manas Maskar guided students about examinations like CAT and GMAT in order to get an MBA degree.

The second session of day 1 on the placement process was led by Mr. Omkar Mangalpalli, Mr. Rohan Panchal and Mr. Shubham Metkar. Mr. Omkar Mangalpalli elucidated about the campus placement scenario. Mr. Rohan Panchal gave a list of dos and don'ts for securing core placements. Mr. Shubham Metkar gave some advice and assistance on how to enter into the IT sector being a core student. By the end of the session, participants were given an opportunity to clear all of their doubts.

Day 2 started with an Aptitude Test for the participants in which they had to answer a series of aptitude, verbal and technical questions. Mock interviews were also conducted to familiarize the participants about the interview process, wherein they were given excellent tips to improve their skills.

Overall it was an informative workshop that answered all of the questions of the attendees and informed them about the numerous fields they can opt for, after BE.

## 3.5 Tech-Talks

ISA-VESIT organized 'Tech Talks' on the 12th and 13th of March 2022, to guide the students about Financial Independence, Embedded Systems, Data Science and Profile Building.

On the first day, Mr Tanvir Shaikh, Data strategist at a reputed company, emphasized the importance of financial independence and how to plan effectively for maximizing the income. He shared his insights on how to build wealth.

On the second day, Mr. Diptarshi Chakraborty, a firmware engineer at a leading tech company in California provided attendees with insights into embedded systems, cellular firmware, and the role of embedded firmware. He explained how to build a good profile and how working on projects can help hone your skills.

Further he explained the need of networking. Towards the end of the session, he dispelled common myths about embedded systems.

The session was very interactive as it clarified all the doubts of the participants. All in all it was a successful event.

### 3.6 IoT Bootcamp Report

ISA-VESIT successfully launched a customized and upgraded version of its IoT kit on 27th February, 2022. After receiving an overwhelming response to this initiative and to help the students get started with working on it, ISA-VESIT arranged an 'IoT Bootcamp'. This Boot Camp was held in the smart classroom located on the 4th floor of VESIT on the 14th, 16th, 17th, 21st, 23rd, 24th and 25th of March, 2022 and was conducted by Mr. Shripad Kulkarni (Technical Officer at ISA-VESIT), Ms. Nidhi Mundhada (Jr. Editor at ISA-VESIT) and Ms. Hrutika Pakhale (Executive Officer at ISA-VESIT).

The first day of the workshop started with a brief introduction about the 'Internet of Things'. The difference between Arduino and ESP, Microprocessors and microcontrollers was also a part of the discussion in the first session which was very beneficial for the attendees. The session concluded with a basic 'LED blinking' project which the participants found interesting due to the enlightening theory session. The second day of the bootcamp started with an explanation about the basic structure of the ISA Shield with the help of its pinout diagram and ISA ESP Board provided in the kit. This was followed by the participants being guided about several projects like alternate LEDs blinking in a loop and all LEDS glowing, using buzzer and push buttons. All the participants tried these projects and enjoyed this session thoroughly. The third day of the bootcamp started with an introduction to the ADC (Analog to Digital Converter). The participants were also elucidated on the topics like potentiometer, voltage divider and 7-segment display. The session concluded with some amazing projects based on LDR and 7-segment display.

In the second week, participants explored IoT in more depth. The fourth and fifth day covered some important concepts like Bluetooth, BLE and WiFi. Projects based on the same like Bluetooth Voice Controller, BLE Server Data Transfer, WiFi Web Server, Firebase Realtime database were discussed and built. Mr. N. Gopalkrishnan conducted the workshop on the 24th of March, 2022. He talked about relays and their functioning which was continued by a brief introduction to RTOS. He also discussed the plethora of opportunities that the Internet of Things brings with itself, home automation being one of the main applications. The interactive session concluded with a small demonstration of switching a LED ON/OFF using human voice. The final day of the bootcamp included building many interesting projects as well as a doubt solving session.

The bootcamp concluded by giving the attendees various ideas on how they can implement the knowledge received from the workshop to create their very own projects. Altogether it was a completely riveting and edifying bootcamp which made the participants aware about the numerous applications of IoT.

# VIVEKANAND EDUCATION SOCIETY'S
# INSTITUTE OF TECHNOLOGY

# DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

## Departmental Report

## (March 2021 to January 2022)

# INDEX


| Sr. No. | Contents |
|---|---|
| **Faculty Contribution** | |
| 1 | Orientation Program conducted by Faculty |
| 2 | Orientation Program attended by Faculty |
| 3 | Workshops/Courses conducted by Faculty |
| 4 | Workshops/Courses attended by Faculty |
| 5 | Project Exhibition |
| 6 | Skill Enhancement Lectures (SEL) |
| 7 | National Initiative for Technical Teachers Training (NITTT) courses attended by faculty |
| 8 | Research Paper Publications |
| 9 | Alumni Interactions |
| 10 | Accomplishments |
| **Student Achievements** | |
| 1 | Academic Excellence |
| 2 | Placement Statistics |
| 3 | Placement Activities |
| 4 | Award received |
| 5 | Scholarship received |
| 6 | Workshops/Seminars attended by students |
| 7 | Internship attended by students |
| 8 | NPTEL courses enrolled by students |
| 9 | Participation in co-curricular activities<br>1. Inter-college<br>2. Intra-college |
| 10 | Participation in extracurricular activities<br>1. Inter-college<br>2. Intra-college |
| 11 | Higher Studies |

# Department Report (From 1st March 2021 to 31st January 2022)

Various activities conducted in the Department of Electronics & Telecommunication, from 1st March 2021 to 31st January 2022 have been categorized as mentioned below.

## Faculty Contribution

### 1. Orientation Programs conducted by Faculty

| Sr. No. | Conducted By | Course description | Organized by | Date |
|---|---|---|---|---|
| 1 | Mrs. Ashwini Sawant | Random Signal Analysis | FCRIT, Vashi and VPPCOE & VA, Sion | 09/07/2021 |
| 2 | Mrs. Neeta Chavan | Data Compression and Cryptography | Don Bosco Institute of Technology, Kurla | 12/07/2021 |
| 3 | Mr. Mrugendra Vasmatkar | Mini Project-2A: Embedded system Design | APSIT, Thane | 15/07/2021 |
| 4 | Department of EXTC | Orientation program on department level and Institute level elective subjects for Sem VI & Sem VIII | VESIT, EXTC | 14/11/2021 |
| 5 | Mr. Mrugendra Vasmatkar | Image Processing and Machine Vision (ECC 603) | Vivekanand Education Society's Institute of Technology | 13/01/2022 |
| 6 | Mr. Mrugendra Vasmatkar | Mini Project 2B (ECM601) | Vivekanand Education Society's Institute of Technology | 15/01/2022 |

### 2. Orientation Programs attended by Faculty

| Sr. No. | Attended By | Course description | Organized by | Date |
|---|---|---|---|---|
| 1 | Mrs. Manisha Joshi | Discrete Time Signal Processing | Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai | 09/07/2021 |

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| 2 | Mrs. Manisha Joshi | "Mini-Project 2A: Embedded System Project (ECM501)" | A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE | 15/07/2021 |
| 3 | Mrs. Manisha Joshi | Digital VLSI, ECC503 & ECL 503, Rev 2019 C Scheme, semester V, EXTC | Atharva College of Engineering, Malad | 10/07/2021 |
| 4 | Dr. Ranjan Bala Jain | Random Signal Analysis (ECC504) | Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai and VPPCOE & VA, Sion | 09/07/2021 |
| 5 | Dr. Nadir N. Charniya | Data Compression and Cryptography (ECCDLO5012) | Don Bosco Institute of Technology, Kurla, Mumbai on behalf of University of Mumbai | 12/07/2021 |
| 6 | Mr. Chintan Jethva | Data Compression & Cryptography (ECCDLO5012) Rev 2019 C-Scheme | Don Bosco Institute of Technology, Kurla, Mumbai on behalf of University of Mumbai | 12/07/2021 |
| 7 | Mr. Chintan Jethva | Mini Project 2A (ECM501) | A.P Shah Institute of Technology, Thane | 15/07/2021 |
| 8 | Dr. Saylee Gharge | Data Compression and cryptography (ECCDLO5012) | Don Bosco Institute of Technology, Kurla, Mumbai on behalf of University of Mumbai | 12/07/2021 |
| 9 | Mrs. Rasika B. Naik | Data Structures and Algorithm (ECCOLO 5014) | Anjuman-I-Islam's Kalsekar Technical Camus. School of Engineering & Technology, New Panvel | 12/07/2021 |
| 10 | Mrs. Rasika B. Naik | Mini Project 2A: Embedded System Project (ECM501) | A.P Shah Institute of Technology, Thane on behalf of University of Mumbai | 15/07/2021 |
| 11 | Mr. Shobhit K. Khandare | Data Compression & Cryptography (ECCDLO5012) Rev 2019 'C' scheme | Don Bosco Institute of Technology, Kurla, Mumbai on behalf of University of Mumbai | 12/07/2021 |

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| 12 | Mr. Shobhit K. Khandare | "Mini-Project 2A: Embedded System Project (ECM501)" | A.P Shah Institute of Technology, Thane on behalf of University of Mumbai | 15/07/2021 |
| 13 | Mr. Gaurav Tawde | Mini-Project 2A: Embedded System Project (ECM501)" (Rev-2019 C Scheme) | A.P Shah Institute of Technology, Thane on behalf of University of Mumbai | 15/07/2021 |
| 14 | Mr. Gaurav Tawde | Faculty Orientation Programme for TE Sem V, C - Scheme, Rev. - 2019, Department Level Optional Course as Data Structure & Algorithm | Anjuman-I-Islam's Kalsekar Technical Camus. School of Engineering & Technology, New Panvel | 12/07/2021 |
| 15 | Mr. Gaurav Tawde | Digital VLSI, ECC503 & ECL 503, Rev 2019 C Scheme | Atharva College of Engineering, Malad | 10/07/2021 |
| 16 | Mr. Gaurav Tawde | "Digital & IPTV Engineering (ECCDLO5011)" Rev 2019 'C' Scheme | Terna Engineering College, Nerul, Navi Mumbai on behalf of University of Mumbai | 14/07/2021 |
| 17 | Mrs. Arti Sawant | Data Compression & Cryptography (ECCDLO5012) Rev 2019 'C' Scheme | Don Bosco Institute of Technology, Kurla, Mumbai on behalf of University of Mumbai | 12/07/2021 |
| 18 | Mrs. Arti Sawant | Mini Project 2A (ECM501) | A.P Shah Institute of Technology, Thane | 15/07/2021 |
| 19 | Mr. Mrugendra Vasmatkar | TE Sem V, C - Scheme, Rev. - 2019, Department Level Optional Course as Data Structure & Algorithm | Anjuman-I-Islam's Kalsekar Technical Camus. School of Engineering & Technology, New Panvel | 12/07/2021 |
| 20 | Mrs. Anuradha Jadiya | "Mini-Project 2A: Embedded System Project (ECM501)" | A.P Shah Institute of Technology, Thane | 15/07/2021 |
| 21 | Mrs. Anuradha Jadiya | "Discrete Time Signal Processing (ECC 502 and ECL 502)" | Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai | 09/07/2021 |
| 22 | Mrs. Ashwini Sawant | "Discrete Time Signal Processing (ECC 502 and ECL 502)" | Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai | 09/07/2021 |

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| 23 | Mrs. Ashwini Sawant | "Mini-Project 2A: Embedded System Project (ECM501)" | A.P Shah Institute of Technology, Thane | 15/07/2021 |
| 24 | Mrs. Ashwini Sawant | "Digital Communication" | SIES Graduate school of Technology, Navi Mumbai | 07/07/2021 |
| 25 | Mrs. Jyoti Bagate | "Mini-Project 2A: Embedded System Project (ECM501)" | A.P Shah Institute of Technology, Thane | 15/07/2021 |
| 26 | Mrs. Jyoti Bagate | "Mini-Project 2A: Embedded System Project (ECM501)" | A.P Shah Institute of Technology, Thane | 15/07/2021 |
| 27 | Mrs. Himali Patel | "Mini-Project 2A: Embedded System Project (ECM501)" | A.P Shah Institute of Technology, Thane | 15/07/2021 |
| 28 | Dr. Monali Chaudhari | Image Processing and Machine Vision (ECC 603) | Vivekanand Education Society's Institute of Technology. Chembur | 13 Jan 2022 |
| 29 | Dr. Monali Chaudhari | Mini Project 2B (ECM601) | Vivekanand Education Society's Institute of Technology. Chembur | 15 Jan 2022 |
| 30 | Dr. Monali Chaudhari | Computer Communication network (ECC602) | SIES Graduate School of technology | 14th Jan 2022 |
| 31 | Mr. Chintan Jethva | Mini Project 2B (ECM601) | VESIT Chembur | 15th Jan 2022 |
| 32 | Mr. Chintan Jethva | Computer Communication network (ECC602) | SIES Graduate School of technology | 14th Jan 2022 |
| 33 | Mrs.Manisha Joshi | Mini Project 2B (ECM601) | Vivekanand Education Society's Institute of Technology. Chembur | 15 Jan 2022 |
| 34 | Mrs.Manisha Joshi | "Artificial Neural Network and Fuzzy Logic | Vivekanand Education Society's Institute of Technology. Chembur | 15 Jan 2022 |
| 35 | Mrs. Himali Patel | Mini Project 2B (ECM601) | VESIT Chembur | 15th Jan 2022 |
| 36 | Mrs. Himali Patel | Skill Lab : Linux & Networking & Server | TERNA ENGINEERING COLLEGE, NERUL | 15th Jan 2023 |
| 37 | Mrs. Ashwini Sawant | Mini Project 2B (ECM601) | Vivekanand Education Society's Institute of Technology. Chembur | 15th Jan, 2022 |

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| 38 | Mrs. Ashwini Sawant | "Artificial Neural Network and Fuzzy Logic | Vivekanand Education Society's Institute of Technology. Chembur | 15th Jan, 2022 |
| 39 | Mrs. Ashwini Sawant | Image Processing and Machine Vision (ECC 603) | Vivekanand Education Society's Institute of Technology. Chembur | 13th Jan, 2022 |
| 40 | Mrs. Ashwini Sawant | Electromagnetics and Antenna (ECC 601)) | Vivekanand Education Society's Institute of Technology. Chembur | 18th Jan, 2022 |
| 41 | Dr. Nandini Ammanagi | Mini Project 2B (ECM601) | VESIT Chembur | 15th Jan 2022 |
| 42 | Dr. Nandini Ammanagi | Electromagnetics and Antenna (ECC 601)) | Vivekanand Education Society's Institute of Technology. Chembur | 18th Jan, 2022 |
| 43 | Dr. Nandini Ammanagi | Skill Lab : Linux & Networking & Server | Terna Engg College | 15th Jan 2023 |
| 44 | Dr. Ranjan Bala Jain | Wireless Technology and Sensor Lab of SEM-VI IT, R-2019 syllabus | Department of Information Technology, SIES Graduate School of Technology | 7th Jan 2022 |
| 45 | Mr. Gaurav Tawde | "Artificial Neural Network and Fuzzy Logic (ECC604)",Rev 2019 'C' Scheme | Vivekanand Education Society's Institute of Technology ,Chembur | 15/01/2022 . |
| 46 | Mr. Gaurav Tawde | "Image Processing and Machine Vision (ECC603+ECL603)", Rev 2019 'C' Scheme | Vivekanand Education Society's Institute of Technology ,Chembur | 13/01/2022 . |
| 47 | Mr. Gaurav Tawde | "Mini-Project 2B: FPGA BASED Project (ECM601)" | "VES Institute of Technology, Chembur Mumbai" | 15/01/2022 . |
| 48 | Mr. Gaurav Tawde | Computer Communication Network (ECC602) & Computer Communication Networks Lab (ECL 602) Rev 2019 'C' Scheme | SIES Graduate School of Technology, Nerul, Navi Mumbai | 14th Jan 2022 |
| 49 | Mr. Gaurav Tawde | Database Management System, SEM-VI, Rev 2019 'C' Scheme | Ramrao Adik Institute of Technology, Nerul, Navi Mumbai | 12th Jan 2022 |

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| 50 | Ms. Anuradha Jadiya | Mini Project 2B (ECM601) | Vivekanand Education Society's Institute of Technology. Chembur | 15 Jan 2022 |
| 51 | Ms. Anuradha Jadiya | Skill Lab: Linux & Networking & Server | Terna Engg College | 15th Jan 2023 |

### 3. Workshops/Courses conducted by Faculty

| Sr. No. | Conducted By | Course description | Organized by | Date |
|---|---|---|---|---|
| **1** | Dr. Nadir Charniya | Introduction to Raspberry Pi | Department of EXTC | 21/03/2021 |
| 2 | Dr. Nadir Charniya | AICTE Sponsored ATAL FDP on "Cyber Security" | VESIT VRC cell in association with Electronics Dept, MCA and VESIT IIC | 05/07/2021 to 09/07/2021 |
| 3 | Dr. Monali Chaudhari | ATAL sponsored FDP on Electrical vehicles | ATAL Academy and VESIT | 05/07/2021 to 09/07/2021 |
| 4 | Mr. Mrugendra Vasmatkar | ATAL sponsored FDP on Electrical vehicles | ATAL Academy and VESIT | 05/07/2021 to 09/07/2021 |
| 5 | Mr. Mrugendra Vasmatkar | VLSI emerging tools and Its applications | M. H. Saboo Siddik college of engineering | 08/08/2021 |
| 6 | Mr. Mrugendra Vasmatkar | VLSI Technology 1.0 - VHDL Programming and IP Implementation Through FPGA" | VCET IETE-SF | 13/10/2021. |

### 4. Workshops/Courses attended by Faculty

| Sr. No. | Attended By | Course description | Organized by | Date |
|---|---|---|---|---|
| 1 | Manisha Joshi | Regional Orientation Workshop for Participating Institutes (PIs) of Unnat Bharat Abhiyan (UBA) | IITB | 13th March 2021 |
| 2 | Manisha Joshi | Women entrepreneurs and achievers | VESIT | 20th March 2021 |

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| 3 | Dr. Nandini Ammanagi | Orientation session for all students & faculties by Innovation Ambassador | VESIT | 1st April, 2021 |
| 4 | Dr. Nandini Ammanagi | Workshop on Intellectual Property Rights (IPR) and IP Management for Start-up | VESIT | 3rd April 2021 |
| 5 | Dr. Nandini Ammanagi | Online Panel Discussion on "Innovation and Start-up System Enablers" | VESIT | 17th April 2021 |
| 6 | Mr. Gaurav Tawde | Online Panel Discussion on "Innovation and Startup System Enablers" organized by VESIT E-CELL in association with VESIT IIC | VESIT | 17th April 2021 |
| 7 | Mr. Gaurav Tawde | Mentoring session for all students & faculties by Innovation Ambassador | VESIT | 10th April, 2021 |
| 8 | Ms. Anuradha Jadiya | Women entrepreneurs and achievers | VESIT | 20th March 2021 |
| 9 | Ms. Himali Patel | Mentoring session for all students & faculties by Innovation Ambassador | VESIT | 10th April, 2021 |
| 10 | Ms. Jyoti Bagate | Mentoring session for all students & faculties by Innovation Ambassador | VESIT | 10th April, 2021 |
| 11 | Ms. Jyoti Bagate | Women entrepreneurs and achievers | VESIT | 20 March 2021 |
| 12 | Ms. Arti Sawant | ATAL FDP on "Internet of Things (IoT) | GOVERNMENT COLLEGE OF ENGINEERING., New Delhi | 15/03/2021 to 19/03/2021 |
| 13 | Ms. Arti Sawant | Women entrepreneurs and achievers | VESIT | 20 March 2021 |
| 14 | Manisha Joshi | Natural Language Processing with Google | Usha Mitta Institute of technology, SNDT Mumbai university | 21/05/2021 to 26/05/2021 |

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| | | AI and Dialog flow and its applications | | |
| 15 | Manisha Joshi | Soft Computing Techniques and their Applications in Electrical Engineering | National Institute of Technology, Patna (ATAL) | 28/06/2021 to 2/07/2021 |
| 16 | Manisha Joshi | Blockchain and its application | VESIT (AICTE sponsored) | 12-17July 2021 |
| 17 | Manisha Joshi | Electric Vehicles | VESIT(ATAL) | 5-9July 2021 |
| 18 | Manisha Joshi | Blockchain and its application-IV | VESIT (AICTE sponsored) | 16-21Aug 2021 |
| 19 | Rasika Naik | Positive Psychology | Coursera | 2 June 2021 |
| 20 | Rasika Naik | including Universal Values in Technical Education | AICTE | 1-5Feb 2021 |
| 21 | Rasika Naik | Blockchain and its application | VESIT (AICTE sponsored) | 16-21Aug 2021 |
| 22 | Monali Chaudhari | Personality Development | Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra. | |
| 23 | Neeta Chavan | FDP on "Cyber Security: Storage System Architecture and File System Forensics" | ATAL, SIDDAGANGA INSTITUTE OF TECHNOLOGY. | 13/9/21-17/9/21 |
| 24 | Neeta Chavan | NPTEL - Intellectual Property | NPTEL | Jan-April 21(exam conducted on 24/9/21 |
| 25 | Dr. Ranjan Bala Jain | AICTE sponsored ATAL FDP on Data Science | Indian Institute of Information Technology, Kottayam. | 28th July 2021-1st August 2021 |

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| 26 | Dr. Ranjan Bala Jain | ASPIRE & ACHIEVE 3 Days \| 3 Hours \| 3 Skills | Infosys Springboard | 3rd Aug-5th August 2021 |
| 27 | Dr. Ranjan Bala Jain | Webinar on Databases and Research Metrics | Nagar Yuwak Shikshan Sanstha Airoli<br>Datta Meghe College of Engineering, Airoli Department of Electronics Engineering<br>in Association with ISTE | 16th September 2021 |
| 28 | Dr. Nandini Ammanagi | Smart Antenna and its role in 6G Communication | Electronics and Communication Engineering, Chandigarh Engineering College, Landran, Mohali | June (22-26), 2021 |
| 28 | Dr. Nandini Ammanagi | AICTE Sponsored STTP on "Blockchain & Its Applications" | VESIT Institution's Innovation Council (IIC) | 16 Aug. to 21 Aug. 2021 |
| 29 | Dr. Nadir Charniya | AICTE Innovation Ambassador training | AICTE and MoE organized Innovation Ambassador training program | 30 June to 30 July 2021 |
| 30 | Gaurav Tawde | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Cyber Security" | Vivekanand Education Society's Institute Of Technology Chembur | 2021-07-05 to 2021-07-09 |
| 31 | Gaurav Tawde | Webinar Research Talk on "Exploring Patenting through Research" | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum in association with VESIT-IIC | 30th July 2021. |
| 32 | Gaurav Tawde | e-Session on Design Thinking: A Tool for | Dept of Electronics and Telecom | 26 July 2021. |

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| | | Problem Solving -Project to Product | Engineering in Association with VESIT- Institution's Innovation Council (IIC) and VESIT-IQAC | |
| 33 | Gaurav Tawde | Faculty Development Program on IBM Skills Build – Basics of Artificial Intelligence | Pravin Patil College of Diploma Engineering and Technology | 5th July 2021 to 7th July 2021. |
| 34 | Gaurav Tawde | National Level Online One Week Virtual Workshop On "Personality Development" | Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra. | 18th August - 25th August 2021 |
| 35 | Dr. Saylee Gharge | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Cyber Security" | Vivekanand Education Society's Institute Of Technology Chembur | 2021-07-05 to 2021-07-09 |
| 36 | Dr. Saylee Gharge | National Level Online One Week Virtual Workshop On "Personality Development" | Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra. | 18th August - 25th August 2021 |
| 37 | Dr. Saylee Gharge | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Combating Cancer: Role of ML Techniques in prevention and treatments | Kalaignar Karunanidhi Institute of Technology, Coimbatore | 7/06/2021 to 11/06/2021 |
| 38 | Dr. Saylee Gharge | AICTE Training And Learning (ATAL) Academy FDP on "Cyber Security: Step | Engineering college, Ajmer | 14/6/2021 to 18/06/2021 |

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| | | towards awareness of crime" | | |
| 39 | Mrs. Arti Sawant | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Electric Vehicles" | VESIT | 05/07/2021 to 09/07/2021 |
| 40 | Mrs. Arti Sawant | Design Thinking: A Tool for Problem Solving - Project to Product o | VESIT | 26/07/2021 |
| 41 | Mrs. Arti Sawant | Inception, Irrigation, Harvest and Innovation need to build Atmanirbhar India | VESIT | 01/05/2021 |
| 42 | Mrs. Ashwini Sawant | Women entrepreneurs and achievers | VESIT | 20th March 2021 |
| 43 | Mrs. Ashwini Sawant | Orientation session for all students & faculties by Innovation Ambassador | VESIT | 1st April, 2021 |
| 44 | Mrs. Ashwini Sawant | Workshop on Intellectual Property Rights(IPR) and IP Management for Startup | VESIT | 3rd April 2021 |
| 45 | Mrs. Ashwini Sawant | Natural Language Processing with Google AI and Dialog flow and its applications | Usha Mittal Institute of technology, SNDT Mumbai university (AICTE sponsored) | 21/05/2021 to 26/05/2021 |
| 66 | Mrs. Ashwini Sawant | Electric Vehicles | VESIT(ATAL) | 5-9July 2021 |
| 47 | Mrs. Ashwini Sawant | Soft Computing Techniques and their Applications in Electrical Engineering | National Institute of Technology, Patna (ATAL) | 28/06/2021 to 2/07/2021 |
| 48 | Mrs. Ashwini Sawant | Blockchain and its application_III | VESIT (AICTE sponsore | 12-17July 2021 |
| 49 | Mrs. Ashwini Sawant | Blockchain and its application-IV | VESIT (AICTE sponsored) | 16-21Aug 2021 |

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| 50 | Mrs. Ashwini Sawant | Smart Antenna and its role in 6G Communication | EXTC, Chandigarh Engineering College, Landran, Mohali | June (22-26), 2021 |
| 51 | Mrs. Jyoti Bagate | Mathematical modelling and control system design | Dept. of Electronics, RAIT | 28th June to 3rd July,2021 |
| 52 | Mrs. Himali Patel | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Cyber Security" | Vivekanand Education Society's Institute Of Technology Chembur | 2021-07-05 to 2021-07-09 |
| 53 | Mrs. Himali Patel | e-Session on Design Thinking: A Tool for Problem Solving -Project to Product | Dept of Electronics and Telecom Engineering in Association with VESIT | 26 July 2021. |
| 54 | Anuradha Jadiya | Mathematical modelling and control system design | Dept. of Electronics, RAIT | 28th June to 3rd July,2021 |
| 55 | Dr. Monali Chaudhari | "Geo-informatics for Biodiversity Conservation Planning" | Indian Institute of remote sensing, Dehradun | 06-12-2021 to 17-12-2021 |
| 56 | Dr. Monali Chaudhari | PRACTICAL PERSPECTIVE ON DECISION MAKING EDUCATION | AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology. | 3/1/2022-7/1/2022 |
| 57 | Dr. Monali Chaudhari | renewable Energy: Afuture alternative | AICTE Training and Learning (ATAL) Academy, Government Polytechnic Thane | 17/01/22 - 21/1/22 |
| 58 | Mrs Rasika B. Naik | PRACTICAL PERSPECTIVE ON DECISION MAKING EDUCATION | AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology. | 3/1/2022-7/1/2022 |

| | | | | |
|---|---|---|---|---|
| 58 | Mrs Rasika B. Naik | "Geo-informatics for Biodiversity Conservation Planning" | Indian Institute of remote sensing, Dehradun | 06-12-2021 to 17-12-2021 |
| 60 | Mrs.Manisha Joshi | PRACTICAL PERSPECTIVE ON DECISION MAKING EDUCATION | AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology. | 3/1/2022-7/1/2022 |
| 61 | Mr. Chintan Jethva | "Geo-informatics for Biodiversity Conservation Planning" | Indian Institute of remote sensing, Dehradun | 06-12-2021 to 17-12-2021 |
| 62 | Mrs. Ashwini Sawant | PRACTICAL PERSPECTIVE ON DECISION MAKING EDUCATION | AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology. | 3/1/2022-7/1/2022 |
| 63 | Dr. Nandini Ammanagi | FDP on Electromagnetic Interference (EMI) and Electromagnetic Compatibility (EMC) | AICTE Training and Learning (ATAL) Academy, TPCT's Terna Engineering College | 13/12/2021 - 17/12/2021 |
| 64 | Dr. Nandini Ammanagi | PRACTICAL PERSPECTIVE ON DECISION MAKING EDUCATION | AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology. | 3/1/2022-7/1/2022 |
| 65 | Dr. Ranjan Bala Jain | Atal FDP on Sensor data Analytics | Mahendra Engineering College | 29/11/2021 to 03/12/2021 |
| 66 | Dr. Ranjan Bala Jain | Atal FDP on Artificial Intelligence Enabled Sensors and Networks for 5G Wireless Communications | Mahendra Engineering College | 06/12/2021 to 10/12/2021 |

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|---|---|---|---|---|
| 67 | Dr. Ranjan Bala Jain | Atal FDP on 6G Wireless Communication | Indian Institute of Technology, Dharwad. | 20/12/2021 to 24/12/2021 |

### 5. Project Exhibition

| Sr. No. | Project description | Date |
|---|---|---|
| 1 | E-SANCHAR 2021 | 01/07/2021 to 07/07/2021 |
| 2 | Drive Value from Data (DVD-2021) | 13/11/2021 to 15/11/2021 |

### 6. Skill Enhancement Lectures (SEL)

| S. No | Company Name | Name of Speaker | Designation | Date | No of students | Subject | Topic | Subject Teacher |
|---|---|---|---|---|---|---|---|---|
| 1 | Micro device Technologies | Mr. Govind Gaundalkar | Partner, Microdevice Technologies | 26/03/21 | 120 | Microcontroller and Applications | Time Triggered Embedded Systems | Mr. Gaurav Tawde, Mr. Shobhit Khandare |
| 2 | Tata Comunications Pvt. Lmt. | Mr. Amitesh Ghatak | Deputy General Manager | 13/03/2021 | 104 | Network Management for Telecommunication | Software Defined Networks | Mrs. Arti Sawant Mrs. Himali Patel |
| 3 | Micro device Technologies | Mr. Govind Gaundalkar | Partner, Microdevice Technologies | 02/04/21 | 75 | Microcontroller and Applications | Time Triggered Embedded Systems | Ms. Anuradha Jadiya, Mr. Shobhit Khandare |
| 4 | BARC | Dr. Binoy Goswami | Head (Laser application section Retired) | 03/08/21 | 131 | Optical comm. | New Frontiers in Controls and in ultra- | Dr. Monali C, Dr. Nadir Charniya |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | secured fibre-optic communication | |
| 5 | Nesa Radiation Solutions Pvt. Ltd. | Mr. Vikas Singh | Chief RF Engineer | 07/08/2021 | 151 | Mobile comm. | Radiation Hazards and remedies | Mrs. Rasika Naik, Dr. Saylee Gharge |
| 6 | VESIT | Dr. M. Vijayalakshmi | Vice Principal | 18/10/2021 | 40 | DCC | Machine Learning, Artificial Intelligence & Cyber Security"- The Future of Cyberspace | Mrs. Arti Sawant |
| 7 | IIT Bombay | Dr. Ashwini Gajarushi | Senior Technical Officer, IIT Bombay | 10/11/2021 | 92 | EDC | Integrated Circuit fabrication technology | Mrs. Rasika Naik, Mrs. Himali Patel |

**7. National Initiative for Technical Teachers Training courses attended by faculty**

| Sr. No. | Attended By | Module No. | Course description |
|---|---|---|---|
| 1 | Mr. Chintan Jethva | 1 | Orientation Towards Technical Education and Curriculum Aspects |
| | | 2 | Professional Ethics & Sustainability |
| | | 3 | Communication Skills & Knowledge Dissemination |
| | | 4 | Instructional Planning and Delivery |
| | | 5 | Technology Enabled Learning and Life-long self-learning |
| | | 6 | Student Assessment and Evaluation |

| | | | |
|---|---|---|---|
| | | 7 | Creative Problem Solving, Innovation and Meaningful research and development |
| | | 8 | Institutional Management & Administrative Procedures |
| 2 | Mr. Gaurav Tawde | 1 | Orientation Towards Technical Education and Curriculum Aspects |
| | | 2 | Professional Ethics & Sustainability |
| | | 3 | Communication Skills and Knowledge Dissemination |
| | | 4 | Instructional Planning and Delivery |
| | | 5 | Technology Enabled Learning and Life-long self-learning |
| | | 6 | Student Assessment and Evaluation |
| | | 7 | Creative Problem Solving, Innovation and Meaningful research and development |
| | | 8 | Institutional Management & Administrative Procedures |
| 3 | Mrs. Himali Patel | 1 | Orientation Towards Technical Education and Curriculum Aspects |
| | | 2 | Professional Ethics & Sustainability |
| | | 3 | Communication Skills and Knowledge Dissemination |
| | | 4 | Instructional Planning and Delivery |
| 4 | Mrs. Anuradha Jadiya | 1 | Orientation Towards Technical Education and Curriculum Aspects |
| | | 2 | Professional Ethics & Sustainability |
| | | 3 | Communication Skills and Knowledge Dissemination |
| | | 4 | Instructional Planning and Delivery |
| | | 5 | Technology Enabled Learning and Life-long self-learning |
| | | 6 | Student Assessment and Evaluation |
| | | 7 | Creative Problem Solving, Innovation and Meaningful research and development |
| | | 8 | Institutional Management & Administrative Procedures |
| 5 | Mrs. Neeta Chavan | 1 | Orientation Towards Technical Education and Curriculum Aspects |
| | | 2 | Professional Ethics & Sustainability |
| | | 3 | Communication Skills and Knowledge Dissemination |
| | | 4 | Instructional Planning and Delivery |

| | | | |
|---|---|---|---|
| | | 5 | Technology Enabled Learning and Life-long self-learning |
| | | 6 | Student Assessment and Evaluation |
| 6 | Mrs. Arti Sawant | 1 | Orientation Towards Technical Education and Curriculum Aspects |
| | | 2 | Professional Ethics & Sustainability |
| | | 3 | Communication Skills and Knowledge Dissemination |
| | | 4 | Instructional Planning and Delivery |
| | | 5 | Technology Enabled Learning and Life-long self-learning |
| | | 6 | Student Assessment and Evaluation |
| | | 7 | Creative Problem Solving, Innovation and Meaningful research and development |
| | | 8 | Institutional Management & Administrative Procedures |
| 7 | Mrs. Jyoti Bagate | 1 | Orientation Towards Technical Education and Curriculum Aspects |
| | | 2 | Professional Ethics & Sustainability |
| | | 3 | Communication Skills and Knowledge Dissemination |
| | | 4 | Instructional Planning and Delivery |
| | | 5 | Technology Enabled Learning and Life-long self-learning |
| | | 6 | Student Assessment and Evaluation |
| | | 7 | Creative Problem Solving, Innovation and Meaningful research and development |
| | | 8 | Institutional Management & Administrative Procedures |

**8. Research Paper Publications**

| S. No | Name of authors | Title | Date | National/ International | Journal/ Conference | Organised By | Publisher |
|---|---|---|---|---|---|---|---|
| 1 | Mrs. Shoba Krishnan, Dr. Nadir N. Charniya, Piyusha Pakhare | A Survey on Recent Advances in Cyber Assault Detection using Machine Learning | June, 2021 | International | Conference | International Conference on Sentimental Analysis and Deep Learning (ICSADL 2021) | Springer |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | and Deep Learning | | | | | |
| 2 | Mrs. Shoba Krishnan, Dr. Nadir N. Charniya, Piyusha Pakhare | Malicious URL Detection using Machine Learning and Ensemble Modelling | June 2021 | International | Conference | International Conference on Computer Networks, Big Data and IoT (ICCBI 2020) | Springer |
| 3 | Dr. Nandini Ammanagi, Ravi M. Yadahalli | Book Chapter: Slot Loaded Capacitive Fed Suspended RMSA with Meandered Ground Plane: A Recent Study" | August 2021 | International | Journal | New Approaches in Engineering Research Vol. 14, 25 August 2021, Page 50-58 | - |
| 4 | Dr. Ranjan Bala Jain | Severity Classification of Diabetic Retinopathy using Customized CNN | August 2021 | International | Conference | 5th International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI-2021) | - |
| 5 | Mr. Gaurav Tawde | Smart Parking Model | July 2021 | International | Journal | International Research Journal of | UGC approved in 2017 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | using Ultrasonic sensor and Arduino for a Bluetooth Controlled Car | | | | Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 08 Issue: 07 \| July 2021 | |
| 6 | Mrs. Manisha Joshi | Covid-19 Based Automated Screening System | October 2021 | International | Conference | Proceedings of the Second International Conference on Smart Electronics and Communication (ICOSEC). | - |
| 7 | Mrs. Ashwini Sawant | Performance Analysis of Medical Image Denoising Techniques | May 2021 | International | Conference | International conference on "Image Processing and capsule networks" (ICIPCN 2021) | Springer |
| 8 | Mr. Shobhit Khandare | Lane Assist and over speed Detection of Vehicle to avoid road accidents | June 2021 | International | Conference | 6th International Conference on Engineering Research & Innovation | - |
| 9 | Shital Firke, Ranjan Bala Jain | Convolutional Neural Network | 25-27 March 2021 | International | Conference | International Conference | IEEE |

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|---|---|---|---|---|---|---|---|
| | | for Diabetic Retinopathy Detection | | | | on Artificial Intelligence and Smart Systems ICAIS 2021 | |

**9. Alumni Interactions**

| S. No. | Name of Alumni | Passing Year | Designation | Date | Target Audience | Topic of Discussion |
|---|---|---|---|---|---|---|
| 1 | Dr. Siddhartha Raja | 2002 | Regional Cluster Lead for South Asia, World Bank Country Office, Kathmandu, Nepal | 04/08/2021 | VESIT students (FE to BE) | "Odyssey to the Pinnacle"- Talks about his journey to the pinnacle of his career and shares interesting anecdotes from his time in college. |
| 2 | Mr. Ameya Puranik | 2016 | Security Specialist, Northwave Intelligent Security Operations, Netherlands, UK | 04/08/2021 | VESIT students (FE to BE) | "Engineering to Forensics"- Sharing an astute description of his job portfolio in Forensics and insightful suggestions for people pursuing the same. |
| 3 | Mr. Yogesh Sharma | 2011 | Senior Program Manager, Cloud & AI Security – Microsoft, USA | 17/08/2021 | VESIT students (FE to BE) | "Decennium in Vocation"- Discover the insider secrets right from acing the interview to one of the Fortune Global 500 companies to paving their path successfully to establish themselves at Microsoft. |
| 4 | Ms. Rajasi Desai | 2014 | UX Specialist, The MathWorks/ Natick, Massachusetts, USA | 17/08/2021 | VESIT students (FE to BE) | "The Power of Women in Technology: Triumphs and Challenges"-Inspiring vignettes from our own women in technology. Learn beyond their stories and journey! |
| 5 | Ms. Preeti Wadhwa | 2013 | Senior Engineer, Qualcomm (5G WRND) San Diego, USA | 17/08/2021 | VESIT students (FE to BE) | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | Ms. Neha Chaudhari | 2011 | Trading Risk Manager, Cambridge Global Payments, Toronto, Canada | 17/08/2021 | VESIT students (FE to BE) | |

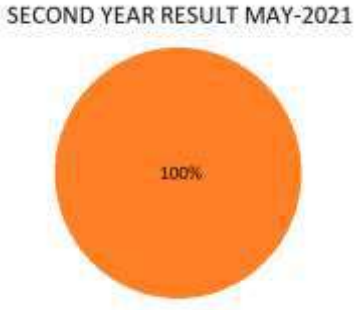
## 10. Accomplishments

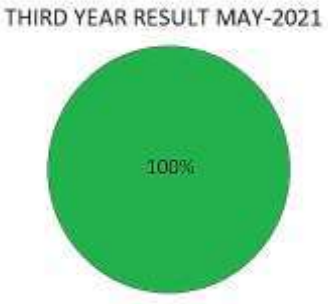
Dr. (Mrs.) Monali Chaudhari, Assistant Professor, EXTC, completed her Ph.D. degree from Sir Padampat Singhania University in August, 2021. Her thesis, titled 'Hybrid Energy Harvesting aware LEACH protocol for WSN', focuses on providing real-time meteorological data for improving the energy efficiency and lifetime of the sensor network.

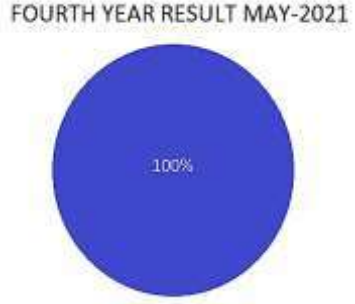
## Students Achievements

### 1. Academic excellence

Statistical graphs illustrating the performance of the students by the end semester results from University of Mumbai (2020-21): The following graphs show the pass/fail percentage and end semester performance of students for Semester IV, VI and VIII.



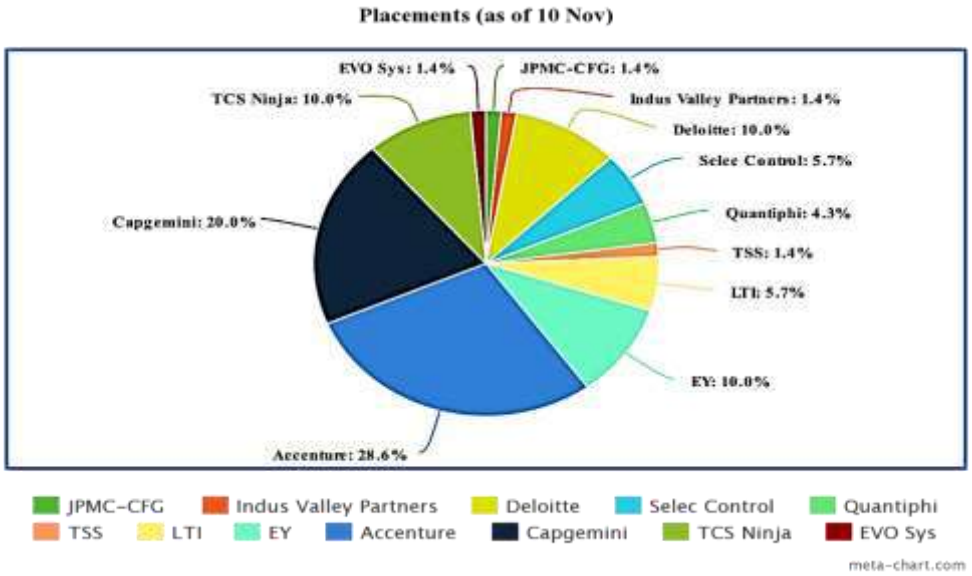




The final year students who bagged the meritorious positions are listed below:

| Final Year -MAY-2021 | | |
|---|---|---|
| **NAME** | **CGPA** | **RANK** |
| Masaye Poonam Ramesh Renuka | 9.89 | First |
| Parab Bhakti Shashikant Sadhana | 9.76 | Second |
| Khan Juveriya Gulam Hussain Qamar Jahan | 9.74 | Third |
| Mandal Ankita Asim Kumar Tanusri | 9.71 | Fourth |

## 2. Placement statistics

This academic year, EXTC students are placed in renowned organizations with very good packages. A total of 71 offers from various companies like JPMC CFG, IVP, Deloitte, TSS, Accenture, L&T IT, Capgemini, Quantiphi, EY, TCS, EVOsys till date. These include 14 dream offers and 4 core job offers. Details are as follows:




| S. No. | Company | Number of Job offers | Salary Lacs/Annum |
|---|---|---|---|
| 1 | JPMC-CFG | 1 | 14 |
| 2 | Indus Valley Partners | 1 | 7.52 |
| 3 | Deloitte | 7 | 7.6 |
| 4 | Selec Control | 4 | 4.25 |
| 5 | Quantiphi | 3 | 8.5 |
| 6 | TSS | 1 | 4 |
| 7 | LTI | 4 | 5 |
| 8 | EY | 7 | 4.25 |
| 9 | Accenture | 20 | 5/6.5 |
| 10 | Capgemini | 14 | 4/6.5 |
| 11 | TCS Ninja | 7 | 3.36 |
| 12 | EVO Sys | 1 | 3.6 |

### 3. Placement Activities

The placement cell GRIN of the department of EXTC has conducted various activities in the Academic year, 2021-22 for the student to prepare for the placement process. These activities include online Mock Aptitude Tests (MAT), various sessions on Campus Placement: A winning Strategies, **Eligibility, Employability & Resume building, Resume Writing & Skill Set Analysis, Transactional Analysis, Aptitude Training Course (ATC).** The details of the activities are as follows:

| Sr. No | Date | Time | Topic | Resource Person | Class & no of students attended |
|---|---|---|---|---|---|
| 1 | 13/09/2021 | 11:00pm-1:00 pm | Eligibility, Employ-ability and Resume Building | Mr. A. Nagananda | SE (78) |
| 2 | 18/09/2021 | 10:30am-12:30 pm | Resume Writing, & Skill Set Analysis | Mr. A. Nagananda | TE (64+56) |
| 3 | 03/09/21 | 10:30am to 12:00pm | Finishing School on Enhancing Coding Skill | Ms. Sukanya Roychaudhary | BE (34) |
| 4 | 08/08/21 | 10:30am to 12:00pm | IT for Non IT-Session on Fundamentals of JAVA | Mr. Sunny Nahar | BE (77) |
| 5 | 24/07/21 | 10:00am to 12:00pm | Finishing School on Digital Electronics | Mrs. Manisha Joshi | BE (57) |
| 6 | 17/07/21 | 10:00am to 12:00pm | Finishing School on Analog Electronics | Mrs. Rasika Naik & Mr. Chintan Jethva | BE (76) |
| 7 | 01/07/2021-06/07/2021 | 2 pm to 3:30 pm | Aptitude Training Course (ATC) | Mr. Shobhit Khandare | BE |
| 8 | 28/06/2021 | 11:30am to 1:00pm | Transactional Analysis | Mr. A. Nagananda | TE 48 |

**4. Award received**

Mohit Singh Adhikari, a final year student of the EXTC department, received an amount of Ten thousand rupees (₹ 10,000) under the scholarship scheme "**VES Shreshtha Award".**

**5. Scholarship received**

| Sr. No. | Name Of Student | Class | Scholarship Received | Amount |
|---|---|---|---|---|
| **1** | Purva Mahendra Saindane | TE - EXTC | Suman Tulsiani Trust Scholarship | Rs.10000/- |
| 2 | Abhishek Sunil Desale | BE - EXTC | Suman Tulsiani Trust Scholarship | Rs. 8000/- |
| 3 | Poonam Ramesh Masaye | BE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 4 | Pradyumn Subhash Giri | BE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 5 | Master Tiwari Sanjay Dinesh | SE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 6 | Raj Vithoba Jadhav | SE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 7 | Sahil Sambhaji Jadhav | TE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 8 | Riddhi Kishor Rane | TE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 9 | Meghana M Athanikar | BE - EXTC | Suman Tulsiani Trust Scholarship | Rs.10000/- |
| 10 | Devendra Singh | BE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 11 | Urmila R Shinde | BE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |
| 12 | Rushikesh Sambhaji Palekar | SE - EXTC | Suman Tulsiani Trust Scholarship | Rs.8000/- |

**6. Workshops/Seminars attended by students**

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Rajat Sunil Mhatre | Cyber Security and Ethical Hacking | Inmovidu Tech | 1 June 2021 | 2 Months |
| 2 | Rajat Sunil Mhatre | Campus Ambassador in AIDS bootcamp | Vkonex AI | 7 July 2021 | 1 Month |
| 3 | Rajat Sunil Mhatre | Data Science and Artificial Intelligence Bootcamp | Vkonex AI | 7 August 2021 | 1 Week |
| 5 | Saheb Wadhwa | Design Thinking workshop | VESIT IIC | 26th July 2021 | 1 day |
| 6 | Tanya Dubey | Design Thinking workshop | VESIT IIC | 26th July 2021 | 1 day |
| 7 | Tanya Dubey | MSP430 | EDGATE Technologies | 23rd August 2021 | 1 day |

| | | | | | |
|---|---|---|---|---|---|
| 8 | Paritosh Borkar | MSP 430 | EDGATE Technology | 23rd August 2021 | 1 day |
| 9 | Shreyas Ashok Patil | MSP430 | Edgate Technology | 23rd August 2021 | 1 day |
| 10 | Omkar Sakpal | MSP430 | EDGATE Technology | 23rd August 2021 | 1 day |
| 11 | Mcvean Soans | Design Thinking Workshop | VESIT IIC | 26th July 2021 | 1 day |
| 12 | Kirti Khairnar | Design The Thinking | VESIT IIC | 31st July 2021 | 1 day |
| 13 | Pratham Patil | AI and DS | Vkonex AI | 21st August 2021 | 2 weeks |
| 14 | Pooja Narayanan | Data Science and Artificial Intelligence Bootcamp | Vkonex AI | 21 August 2021 | 2 weeks |
| 15 | Pooja Narayanan | Global Virtual Technology Summit PI-WOT 2021 | PanIIT | 17 September 2021 | 2 days |
| | Shubham Singh | Embedded System Design using Swadeshi Processor on FPGA | NIELIT Calicut | 7th April 2021 | 5 days |

### 7. Students Internship

| Sr. No. | Attended By | Course description | Company Name | Date |
|---|---|---|---|---|
| 1 | Gargi Khanvilkar | Core | 512 Army Base Workshop | 21/06/2021to 17/07/2021 |
| 2 | Deepesh Shahdadpuri | Developer Program | Accenture | 24/05/2021 - 30/06/2021 |
| 3 | Vedant Parte | Python for data science and Artificial Intelligence | Dalvik apps (DA-WEORG) | 17/06/21 to 7/07/21 |
| 4 | Mansi Zawar | Python for data science and Artificial Intelligence | Dalvik apps (DA-WEORG) | 17/06/21 to 07/07/21 |
| 5 | Alhaad Velhal | Python for data science and Artificial Intelligence | Dalvik apps (DA-WEORG) | 17/06/21 to 07/07/21 |
| 6 | Sakshee Rode | Python for data science and Artificial Intelligence | Dalvik apps (DA-WEORG) | 17/06/21 - 07/07/21 |
| 7 | Dhaval Mahajan | Model Based Design of Electrical & Electronic Systems Internship | Decibel Labs Pvt. Ltd | 07/06/2021 - 03/07/2021 |
| 8 | akshay jain | Model Based Design of power electronics component modeling | Decibel Labs Pvt. Ltd | 7/06/2021 - 03/07/2021 |

| | | | | |
|---|---|---|---|---|
| 9 | Aaron Arimpur | Model Based Design Of Electrical and Electronic Systems | Decibel Labs Pvt. Ltd | 7/06/2021 - 3/07/2021 |
| 10 | Sumit Jadhav | Model Based Design of Electrical & Electronic System | Decibel Labs Pvt. Ltd | 07/06/2021- 03/07/2021 |
| 11 | Aryan Gupta | Model Based Design of Electrical & Electronic System | Decibel Labs Pvt. Ltd | 07/06/2021- 03/07/2021 |
| 12 | Esha Kadam | Model Based Design of Electrical & Electronic Systems | Decibel Labs Pvt. Ltd | 07/06/2021 - 03/07/2021 |
| 13 | Advait Kulhada | Model Based Design of Electrical & Electronic System | Decibel Labs Pvt. Ltd | 07/06/2021 - 03/07/2021 |
| 14 | Advait Kulhada | ML with Python | Decibel Labs Pvt. Ltd | 19/07/2021- 14/08/2021 |
| 15 | Nikhil Oza | Model Based Design of Electrical & Electronic Systems Internship | Decibel Labs Pvt. Ltd | 07/06/2021 to 03/07/2021 |
| 16 | Tejas Thoke | Model Based Design of Electrical & Electronic Systems Internship | Decibels Labs Pvt Ltd | 07/06/21 to 3/07/21 |
| 17 | Nikita Punjabi | Model Based Design of Electrical & Electronic Systems Internship | Decibels Labs Pvt. Ltd | 07/06/2021 to 03/07/2021 |
| 18 | Prajna Moorthy | Model Based Design of Electrical & Electronic Systems Internship | Decibels Labs Pvt. Ltd | 07/06/2021- 03/07/2021 |
| 19 | Yogesh Sonawane | Machine Learning | Discover Technologies | 09/06/2021 - 20/07/2021 |
| 20 | Tejas Thoke | Machine Learning | Discover Technologies | 12/06/2021- 19/07/2021 |
| 21 | Sarth Mitragotri | Machine learning | DISCOVER Technologies | 2/06/2021- 17/07/2021 |
| 22 | Swapnil Taur | Machine Learning | Discover Technologies | 05/06/2021 - 20/07/2021 |
| 23 | Omkar Kale | ML | DISCOVER TECHNOLOGY | 15/06/2021- 20/07/2021 |
| 24 | Shazia Shaikh | Machine Learning | ECS Academy | 10/06/21- 10/07/21 |
| 25 | Dhanshri Agrawal | developer program | forage- accenture | 22/04/2021 to 23/04/2021 |

| | | | | |
|---|---|---|---|---|
| 26 | Dhanshri Agrawal | password database | forage- goldman sachs | 22/04/2021 to 23/04/2021 |
| 27 | Mohit Kukreja | Ts Innovation,Optimization & Delivery,Cloud Engineering | Forage-Deloitte Virtual internship | 21/06/2021 - 23/07/2021 |
| 28 | Kartik Tiwari | Data Encryption training | Forage-Goldman Sachs Virtual Internship | 01/07/2021- 23/07/2021 |
| 29 | Om Bharwani | Industry 4.0 | Gustovalley Technovations | 21/06/2021 to 21/07/2021 |
| 30 | Harshita Kukreja | Embedded Systems, IoT, Data Science, Web Development, AR. | Gustovalley Technovations | 31/05/2021 - 30/06/2021 |
| 31 | Ayushi Pamnani | Embedded systems, IOT, Data Science, Web Development, AR | Gustovalley Technovations | 31/05/2021 - 30/06/2021 |
| 32 | Dhanshri Agrawal | WEB DEVELOPMENT | IEEE by KJ Somaiya | 21/06/2021 to 26/06/2021 |
| 33 | Paarth Rane | WEB Development | IEEE by KJ Somaiya | 21/06/21 to 26/06/21 |
| 34 | Aditya R Achar | Web Development | IEEE KJ Somaiya | 21/06/21 to 26/06/21 |
| 35 | Aayushi Ved | Web Development | IEEE KJ Somaiya | 21/06/2021 to 26/06/2021 |
| 36 | Abhishek Singhal | Web Development | IEEE KJ Somaiya | 21/06/2021 to 26/06/2021 |
| 37 | Yusuf Kulkarni | Web Development | IEEE KJ Somaiya | 21/6/2021 - 26/6/2021 |
| 38 | Sristi Kushwaha | Web Development | IEEE KJ Somaiya | 21/06/2021 - 26/06/2021 |
| 39 | Sahil Salian | Web Development | IEEE KJ Somaiya | 21/06/2021 - 26/06/2021 |
| 40 | Sagar Pujari | Web Development | IEEE KJ Somaiya | 21/06/2021 - 26/06/2021 |
| 41 | Nikhil Tekchandani | Web Development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 42 | Dhanashree Chavan | Web Development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |

| | | | | |
|---|---|---|---|---|
| 43 | Nikita Joshi | Web Development | IEEE KJSIEIT | 21/06/2021 - 26/06/2021 |
| 44 | Aniket Ingle | Web development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 45 | Purva Saindane | Web development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 46 | Bhavesh Ramchandani | web development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 47 | Omkar Salunkhe | Web Development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 48 | MohitSingh Adhikari | Web development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 49 | Asif Khan | Web development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 50 | Pankaj Talreja | web development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 51 | Jaanvi Bhatia | Web Development | IEEE KJSIEIT | 21/06/21- 26/06/21 |
| 52 | Bhavika Methwani | Web Development | IEEE KJSIEIT | 21/06/21- 26/06/21 |
| 53 | Sameer Nimse | Web Development | IEEE KJSIEIT | 21/06/21- 26/06/21 |
| 54 | Harshala Dalal | Web Development | IEEE KJSIEIT | 21/06/21- 26/06/21 |
| 55 | Shubham Verma | Web Development | IEEE KJSIEIT | 21/6/21- 26/6/21 |
| 56 | Suraj Sahu | Web Development | IEEE KJSIEIT | 21/06/21- 26/06/21 |
| 57 | Harshita Kukreja | Web Development | IEEE KJSIEIT | 21/06/2021 - 26/06/2021 |
| 58 | Ayushi Pamnani | Web Development | IEEE KJSIEIT | 21/06/2021- 26/06/2021 |
| 59 | Omkar Bodake | Web Development | IEEE KJSIEIT | 21/06/2021 - 26/06/2021 |
| 60 | Kumar Bajaj | Web Development | IEEE KJSIEIT | 21/06/2021 - 26/06/2021 |
| 61 | Pratham Angre | Web Development | IEEE KJSIEIT | 21/06/21- 26/06/21 |
| 62 | Janhavi Gogawale | Web Development | IEEE KJSIEIT | 21/06/21 - 26/06/21 |

| | | | | |
|---|---|---|---|---|
| 63 | Sristi Kushwaha | Sales & Marketing Intern | iFortis Corporate | 31/05/2021 - 14/07/2021 |
| 64 | Aditya R Achar | Microstrip antenna design for wireless application. | NPHSAT Systems Pvt. Ltd. | 23/06/21 to 10/07/21 |
| 65 | Gautam Govindaraju | Small Satellite Design | NPHSAT Systems Pvt. Ltd. | 23/06/2021 - 10/07/2021 |
| 66 | Adarsh PS | Small Satellite Design | NPHSAT Systems Pvt. Ltd. | 23/06/2021 - 10/07/2021 |
| 67 | Omkar Bodake | Machine Learning | Pantech Solutions | 01/05/2021 - 30/05/2021 |
| 68 | Kumar Bajaj | Machine Learning | Pantech Solutions | 01/05/2021 - 30/05/2021 |
| 69 | Aman Kadam | Operations | SCINNTC SUPPLY CHAIN SOLUTION | 15/06/2021 to 12/07/2021 |
| 70 | Janhavi Gogawale | Python & Data Analytics | SHAPEAI | 15/06/21 - 21/06/21 |
| 71 | Dhanshri Agrawal | Core Java and SQL Internship Program. | TCR INNOVATION | 12/06/2021- 30/07/2021 |
| 72 | Mcvean Soans | Curriculum Development (Education) - English (Grade 6) | Team Everest (NGO) | 23/06/2021 - 07/07/2021 |
| 73 | Mayur Shinde | Data Science and Business Analytics | The Sparks Foundation | 01/05/2021 to 01/06/2021 |
| 74 | Omkar Bodake | Web Development | The Sparks Foundation | 01/05/2021 - 1/06/2021 |
| 75 | Kumar Bajaj | Web Development | The Sparks Foundation | 01/04/2021- 01/05/2021 |
| 76 | Esa Malik | Web Development | The Sparks Foundation | 01/05/2021 - 01/06/2021 |
| 77 | Manasee Parulekar | teaching | UnI (NGO) | 26/01/2021- 28/05/2021 |
| 78 | Manu Siddharth | Data Science | Unschool | 04/05/2021 |
| 79 | Dishika Kishnani | change maker | Womenite | 10/05/2021- 16/06/2021 |
| 80 | Advait Kulhada | Decibel Lab Pvt Ltd | Machine Learning with Python | July 19, 2021 |
| 81 | Jitesh Shamdasani | Exposys Data Labs | Web Development | December 5, 2021 |
| 82 | Atharva Kulkarni | Decibels Lab Private Limited | Machine Learning with Python | July 19, 2021 |

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|---|---|---|---|---|
| 83 | Rajat Sunil Mhatre | Vkonex AI | Artificial Intelligence and Data Science | August 7, 2021 |
| 84 | Trupti Anil Sonawane | VESIT Renaissance Cell | Machine Learning | July 15, 2021 |
| 85 | Ameya Dikshit | Learn for Cause | Python Instructor | July 14, 2021 |
| 86 | Sahil Kishor Borghare | Kenilworth Global Consulting | Data Analytics | July 15, 2021 |
| 87 | Ameya Dikshit | Internshala | Solving queries of students of Internshala's Python Training | August 31, 2021 |
| 88 | RAMRAKHIANI ANUCH RAJESH | ANAND RATHI WEALTH LIMITED | DATA ENGINEERING | July 5, 2021 |
| 89 | Aishvarya Mahadeo Birambole | EdGAte University Program | Embedded System Design | August 31, 2021 |
| 90 | Shrutika Saket Patel | VERZEO | Machine Learning Using Python | July 1, 2021 |
| 91 | Shrutika Saket Patel | EdGate Pvt. Ltd. | Embedded System Design. | August 31, 2021 |
| 92 | Atharv mahesh phadale | Exposys data labls | Data science internship | December 2, 2021 |
| 93 | Esha Pradeep Kadam | Hindustan Petroleum Corporation Limited | Artificial Intelligence with Python | December 6, 2021 |
| 94 | Risa Samanta | Hindustan Petroleum Corporation Limited | Artificial Intelligence with Python | December 6, 2021 |
| 95 | Vignesh Poojary | Exposys Data Lab | UI/UX designer | December 3, 2021 |
| 96 | Satyam mishra | Tech learn.live | Campus leader | December 1, 2021 |
| 97 | Sameer Nimse | Saint Louis University | Data Analyst | November 29, 2021 |
| 98 | Chunay Chaudhari | VI Solutions | IoT, Machine Learning, Deep Learning | June 30, 2021 |
| 99 | Sameer Nimse | The Sparks Foundation | Data Science and Business Analyst | July 1, 2021 |

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|---|---|---|---|---|
| 100 | Harshala Dalal | The Sparks Foundation | Data Science and Business Analytics | July 1, 2021 |
| 101 | Kshitij Koli | VESIT Renaissance Cell | Image Processing | June 15, 2021 |
| 102 | Arjun Satheesh | EdGate Technologies Pvt Ltd | Enbedded System Design | August 31, 2021 |
| 103 | Priyanshu Bhagat | Edgate technologies Pvt Ltd | Embedded system Design | August 31, 2021 |
| 104 | Manish Sonje | of Electronics & Telecommunication Engineers - IETE, Mumbai | Data Analytics using Python | August 9, 2021 |
| 105 | Paarth Pramod Rane | Exposys Data Labs | Web Development | December 3, 2021 |
| 106 | Moopnar Priyanka Subramaniyam | VI Solutions, Bangalore | Online internship on IIoT, Machine Learning and Deep Learning | June 30, 2021 |
| 107 | Altaf Bin Sarfraz | Siddhivinayak Consulting | Business Development | December 8, 2021 |
| 108 | Gunjan Sureka | Learnovate Ecommerce | Web site development | December 13, 2021 |
| 109 | Risa Samanta | VI Solutions | IOT, Machine Learning, Deep Learning | June 30, 2021 |
| 110 | Risa Samanta | Decibels Lab Pvt Ltd | Machine Learning with Python | August 9, 2021 |
| 111 | Saheb Wadhwa | Startscratch | Networking with Python | January 7, 2021 |
| 112 | Saheb Wadhwa | VESIT renaissance | Image Processing and ML | January 7, 2021 |
| 113 | Prajna Moorthy | Decibels Lab Private Limited | Model Based Designing of Electrical Systems | July 6, 2021 |
| 114 | Mrunal Murudkar | The Sparks Foundation | Web Development | 07/07/2021 |
| 115 | Arjun Satheesh | Alcon Electronics Pvt Ltd | instrumentation | June 10, 2021 |
| 116 | Saakshi Karkera | Decibels Lab Pvt Ltd | Machine Learning with Python | 19/07/2021 |
| 117 | Niraj Wadile | Invithi Softwares | Web Development | January 7, 2021 |

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|---|---|---|---|---|
| 118 | Kritika Pathak | ECS Academy | Data Science Intern | January 9, 2021 |
| 119 | Kritika Pathak | The Sparks Foundation | Data Science Intern | January 10, 2021 |
| 120 | vinayak kokate | ECON ENGINEERING SERVICES | Industrial automation & sales | October 6, 2021 |
| 121 | sakshi singh | EXPOYSY DATALABS | Web development | 20/01/2022 |
| 122 | Ishan Kharat | Decibels Lab | Robotics and Control System | January 6, 2021 |
| 123 | Neha Nishad | VI Solutions | IoT, Machine Learning, Deep Learning | 30/06/2021 |
| 124 | Sumit Jadhav | Decibels Lab | Mathematical control system | July 6, 2021 |
| 125 | Sumit Jadhav | Auto-DL | Creative Internship | July 1, 2021 |
| 126 | Gaurav Jagwani | VI Solutions | IoT, Machine Learning, Deep Learning | 30/06/2021 |
| 127 | Prathamesh Rakesh Jadhav | VESIT Renaissance Cell | Machine Learning | July 15, 2022 |

**8. NPTEL courses enrolled by students**

| Sr. No. | Year | No. Of Students Enrolled | NPTEL Course description | Period |
|---|---|---|---|---|
| 1 | TE | 55 | Ethics in Engineering Practices | July-Nov 2021 |
| 2 | SE | 85 | Developing Soft Skills and Personality | July-Nov 2021 |
| 3 | BE | 118 | Entrepreneurship | July-Nov 2021 |

**9. Participation in co-curricular activities**

9.1 Inter-college

| Sr. No. | Name Of the Student | Name Of the Event | Name Of College | Awards | Level |
|---|---|---|---|---|---|
| 1 | Tanya Dubey | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 2 | Tanya Dubey | AI-Syberthon | AI-Syberthon | Selected for Finals | College Level |
| 3 | Mcvean Soans | Devfest India 2021 | Devfest India 2021 | Contest Winner (Flutter Track) | National Level |

| | | | | | |
|---|---|---|---|---|---|
| 4 | Hridesh Kamal | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 5 | Manu Siddharth | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National Level |
| 6 | Pooja Narayanan | Crack IT | Crack IT | 1st prize | college level |
| 7 | Saheb Wadhwa | Toycathon '21 by AICTE | Toycathon '21 by AICTE | Finalist | National level |
| 8 | Tanvi Soni | Toycathon '21 by AICTE | Toycathon '21 by AICTE | Finalist | National level |
| 9 | Yusuf Kulkarni | Toycathon '21 by AICTE | Toycathon '21 by AICTE | Finalist | National level |
| 10 | Nishant Pathare | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 11 | Dhruv Wankhede | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 12 | Dhaval Mahajan | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 13 | Atharva Kulkarni | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 14 | Sumit Jadhav | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 15 | Prajna Moorthy | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 16 | Isha Chavan | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 17 | V. Anuparvathi | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 18 | Chelsi Prakash | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 19 | Chunay Chaudhari | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 20 | Manu Siddharth | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National level |
| 21 | Vaishnavi Shetty | Samvedan 2021 | Samvedan 2021 | Participation | National Level |
| 22 | Shrutika Patel | Samvedan 2021 | Samvedan 2021 | Participation | National Level |
| 23 | Nidhi Mundhada | Samvedan 2021 | Samvedan 2021 | Participation | National Level |

| | | | | | |
|---|---|---|---|---|---|
| 24 | Yukta Talagana | L&T competition | L&T competition | Participation | National level |
| 25 | Saakshi Karkera | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National Level |
| 26 | Aishvarya Birambole | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National Level |
| 27 | Risa Samanta | Samvedan 2021 | Samvedan 2021 | Selected for Quarter finals | National Level |

**10. Participation in Extracurricular activities**

10.1 Inter-college

| Sr. No. | Name Of the Student | Name Of the Event | Name Of College | Awards | Level |
|---|---|---|---|---|---|
| 1 | Pooja Narayanan | Poster making (VESLit x UBI) | VESIT | 1st prize | college level |

**11. Higher Studies**

| Sr. No. | Name of Student | University | Field of Specialisation |
|---|---|---|---|
| 1 | Anusha Krishnan | ETH Zurich | MSc in EEIT |
| 2 | Aishwarya Patange | Boston University | MS in ECE |
| 3 | Madhura Karadkar | University of Maryland, College Park | MS in ECE |
| 4 | Anish Talwelkar | University of Maryland, College Park | MS in MIS |
| 5 | Saummya Kulkarni | Northeaster University | MSIS |
| 6 | Saummya Kulkarni | University of Maryland, College Park | Masters in Human Computer Interaction |
| 7 | Isha Bhonge | University of Minnesota, Twin Cities | |

## FACULTY CONTRIBUTION

- **Courses Conducted by Faculties**
- **Orientation Programs**

| Sr. No. | Faculty Name | Conducted By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|---|
| 1 | Dr. Shalu Chopra | VESIT (Dr.Shalu Chopra) | Software Testing and Quality Assurance | VESIT | 14/07/2022 | 1 Day |
| 2 | Dr. Shalu Chopra | VESIT (Dr.Shalu Chopra) | ECS_DO501 Software Testing and QA | VESIT | 14/07/2022 | 1 Day |
| 3 | Charushela Nehete | SAKEC | DMBI, BI Lab | SAKEC | 05/01/2022 | 1 Day |
| 4 | Jayshree Hajgude | SAKEC | DMBI, BI Lab | SAKEC | 05/01/2022 | 1 Day |
| 5 | Kajal Jewani | TPCT's Terna Engineering College, Nerul, Navi Mumbai | MAD & PWA Lab 604 | TPCT's Terna Engineering College, Nerul, Navi Mumbai | 4th January 2022 | 1 Day |
| 6 | Kajal Jewani | Rajiv Gandhi Institute of Technology | Mini Project- 2B Based on Machine Learning (ITM601) | Rajiv Gandhi Institute of Technology | 14th Jan 2022 | 1 Day |
| 22-23 | | | | | | |
| 7 | Anil Ahir | L R Tiwari College of Engineering | ROSPL ITL 704 | L R Tiwari College of Engineering | 11th July 2022 | 1 Day |

- **Workshop/Courses Conducted by Faculties**

| Sr. No. | Conducted by | Course Description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | | | | | |

- **Courses Attended by Faculty**

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Asha Bharambe | STTP on Artificial Intelligence towards data scienceApplication | VCET(Vidyavardhini College of Engineering and Technology | 27th June to 8th July | 1 Week |
| 2 | Jayshree Hajgude | ATAL Academy - Overview of Speech Processing | ATAL Academy | 20th Dec 2021 to 24th Dec 2021 | 1 Week |
| 3 | Vidya Pujari | AICTE-ISTE Sponsored FDP Program on Machine Learning with Python | GNDEC Bidar | January 5th to January 11th, 2022. | 1 Week |
| 4 | Vidya Pujari | STTP on Computational Intelligence in Remote Sensing | RAIT,Nerul | 6th December 2021 to 11th December 2021 | 1 Week |
| 5 | Vinita Mishra | STTP on Artificial Intelligence towards data scienceApplication | VCET(Vidyavardhini College of Engineering and Technology | 27th June to 8th July | 1 Week |
| 6 | Pooja Shetty | STTP on Artificial Intelligence towards data scienceApplication | VCET(Vidyavardhini College of Engineering and Technology | 27th June to 8th July | 1 Week |
| 7 | Anil Ahir | Research forum talk on Trends in recommender system | VESIT Chembur | 12th March 2022 to 12th March 2022 | 1 Day |
| 8 | Anil Ahir | Inculcating Universal HumanValues in Technical Education | AICTE | 9th May 2022 to 13th May 2022 | 1 Week |
| 9 | Jitendra Madavi | Research forum talk on Trends in recommender system | VESIT Chembur | 12th March 2022 to 12th March 2022 | 1 Day |
| 10 | Jitendra Madavi | 5 day National level FDP on "Secure application development" | DMCE Airoli Navi Mumbai | 27th June 2022 to 1st July 2022 | 1 Week |

- **NPTEL Certifications**

| Sr. No. | Name of the Faculty | NPTEL Course Description | Organized by | Period | Score |
|---|---|---|---|---|---|
| 1 | | | | | |

## Research Forum Activities

- **Expert Talks**

| Sr. No. | Date | Name of the Expert | Designation & Organisation | Topic | Attended By |
|---|---|---|---|---|---|
| 1 | 12th March,2022 | Dr. Suhash Shinde | Professor in Computer Engineering Department and Vice Principal, Lokmanya Tilak College of Engineering, Navi Mumai. | Trends in Recommender System | VESIT Staff Members |
| 2 | 5th March,2022 | Prof. Gajanan Birajdar | Department of Electronics Engineering, Ramrao Adik Institute of Technology Nerul, Navi Mumai. | Deep Learning Architectures and AppÚications | VESIT Staff Members |
| 22-23 | | | | | |
| 3 | 5th August,2022 | Dr. Kranti Ghag | Associate Professor in Computer Engineering Department of D. J.Sanghvi College of Engineering, Vile parle | Sentiment Analysis for Text Reviews | VESIT Staff Members and Students |

- **Minor Research Grant Proposals**

| | Name of Faculty | Title of Project | Domain | Sanctioned Amount |
|---|---|---|---|---|
| 1 | | | | |

- **Research Paper Published**

- Mrs Asma Parveen I Siddavatam , ”Design and Simulation of Single Channel Analyzer for radionuclide Identifier Device,” International Conference on Electrical Electronics and Data Communication”, Jan 2022G
- Mrs Charusheela Nehete,” AI based Dynamic model for Question Paper Generation and Performance Monitoring (AI-DQPPM)”,International Conference on Applied Artificial Intelligence and Computing (ICAAIC - 2022,proceedings by IEEE)),9th - 13th May 2022G
- Vidya Pujari,”SPEECH EMOTION vECOGNITION”, International research Journal of Engineering and Technology (IvJET), April 2022,Volume: 09 Issue: 04,ISSN: 2395-0056 G
- Vidya Pujari,”Price Negotiating Chatbot on E-commerce website”, International research Journal of Engineering and Technology (IvJET), April 2022,Volume: 09 Issue: 04,ISSN: 2395-0056 G
- Vinita Mishra ,”Automatic grading of Hand written answers”, International research Journal of Engineering and Technology (IvJET), May 2022, Volume: 09 Issue: 05, ISSN: 2395-0072G
- Vinita Mishra ,”Face Verification Using Mtcnn & Keras Vgg-Face ”, International research Journal of research(IJvAv) , May 2022, Volume: 09 Issue: 02, ISSN: 2349-5138
- Asha Bharambe,"Prediction of Dengue Outbreaks in Mumbai Region Based on Disease Surveillance and Meteorological Factors using Big Data Approach,International Journal of Innovative Research in Technology,44593,613-620,ISSN: ISSN: 2349-6002
- Asma Parveen I. Siddavatam,Asma Parveen I. Siddavatam,Dr.(Mrs).J.M.Nair, Dr. P.P.Vaidya," Series Title :Springer’s Lecture Notes in Electrical Engineering Book Title :Advances in Electrical and Computer TechnologiesThird International

Conference on Advances in Electrical and Computer Technologies 2021 (ICAECT 2021) 29th-30th october 2021.

- Kajal Jewani,Muskan Tanna, Diksha Ramnani, Nikita Samtrai, Kajal Jewani,"Weather, Pollution Prediction and Ozone Level Detection Using ML,Journal of Emerging Technologies and Innovative Research,October-2021 | Volume: 8 | Issue: 10,10.6084/m9.figshare.JETIRFD06036
- Kajal Jewani,Kajal Jewani, Baldev Sundarani, Abhishek Waghmare, Simran Gurnani, Hitesh Santani," ,"SMART VOTING SYSTEM USING RETINAL IMAGE DETECTION,Journal of Emerging Technologies and Innovative Research,October-2021 | Volume: 8 | Issue: 10,,10.6084/m9.figshare.JETIRFD06046
- "Mrs. Kajal Jewani,Varun Bhat, Manasee Parulekar,"" ,"",International Research Journal of Engineering and Technology (IRJET),Volume: 09 Issue: 01 | Jan 2022,1057-1062,e-ISSN: 2395-0056 p-ISSN: 2395-0072"

## Other Achievements

- **Patent**

| Academic Year | Type of User | Patent - Application No | Patent - Application Date | Patent - Name | Patent - Inventor Name | Patent - Description | Patent - (Co-Inventor) If Any | Patent - Status |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

- **Book Publication**

| Books Published - Name (Title. FirstName MiddleName Surname) | Books Published - Name of Co-Authors | Books Published - Name of book | Books Published - Publication | Books Published - Month and year of publication |
|---|---|---|---|---|

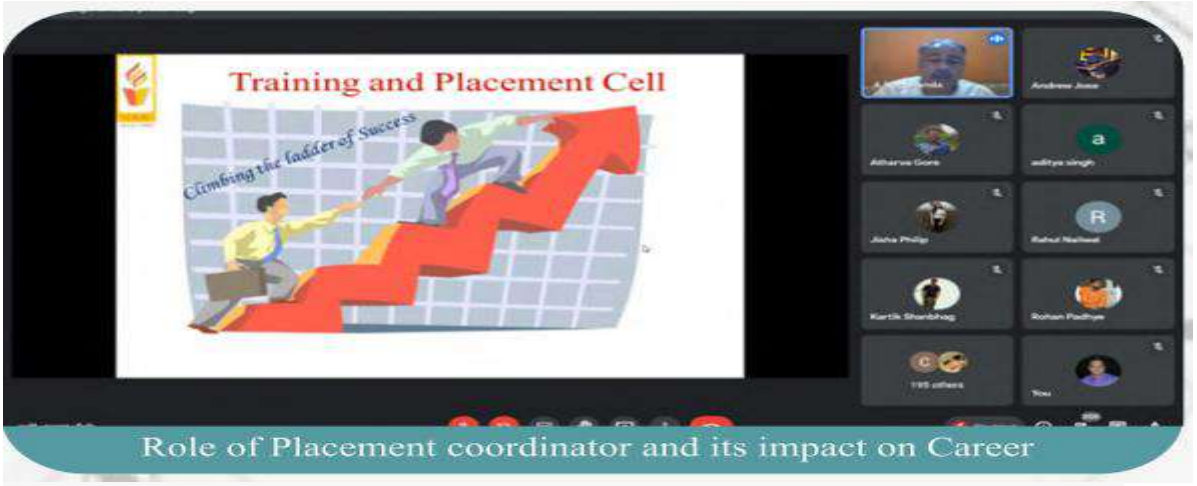
## Entrepreneurship Initiatives

## Photos

Dr. Subhash Shinde is presenting
Content-based Recommender Systems
Item profiles
likes
build
recommend
match
Red
Circles
Triangles
User profile
MAYURI TERANDE
VATSAL GADARIA
Richard Joseph
MIKIL LALWANI
Rohini Sawant
KEDAR GAWHANKAR
26 others
You
11:34 AM | Research Forum Talk Title "Trends in Reco...
Trends in Recommender System

Deep learning architectures and applications
Gajanan K Birajdar
Department of Electronics Engineering
Ramrao Adik Institute of Technology
March 05, 2022
Gajanan Birajdar
Kajal Jewani
Jitendra Madavi
Machhindra Patil
Vidya Pujari
Deepti Khimani
12 others
You
Deep Learning Architectures and Applications

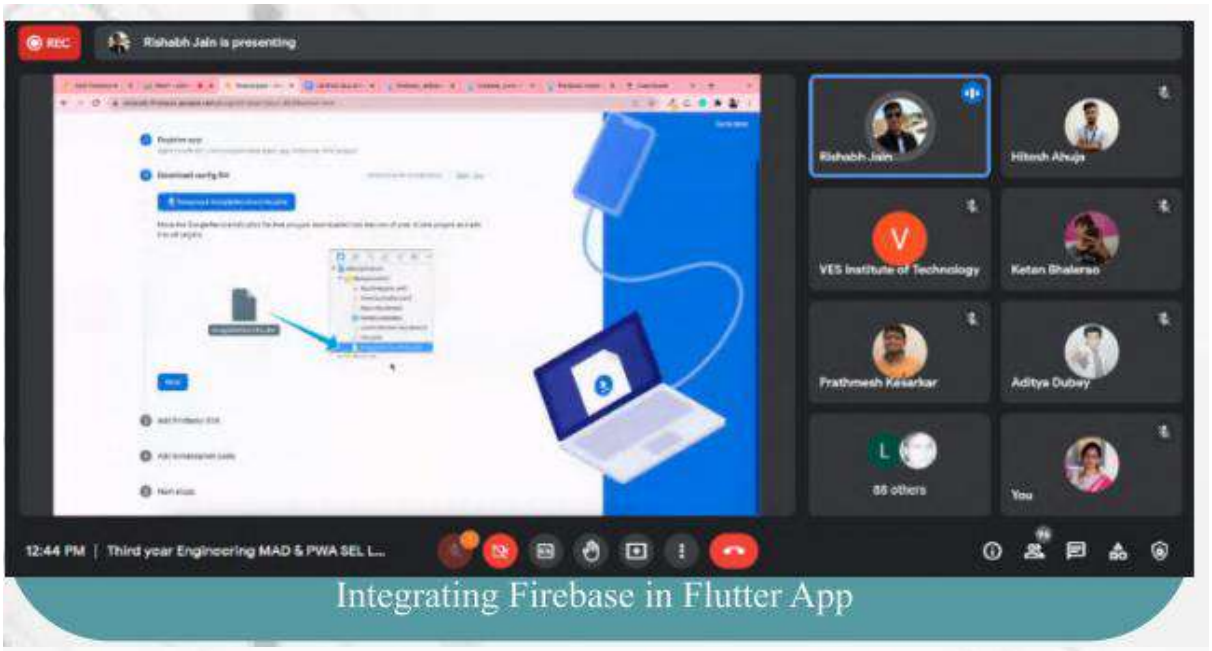
Kranti Ghag is presenting
Sentiment
A view or opinion that is held or expressed.
Positive
Negative
Neutral
Bincy Chellapandi
Ravita Mishra
Kajal Jewani
Amrita Jhaveri
Atharva Gore
Vinita Mishra
40 others
You
11:19 AM | Research Forum Talk Title "Sentiment Analysis ...

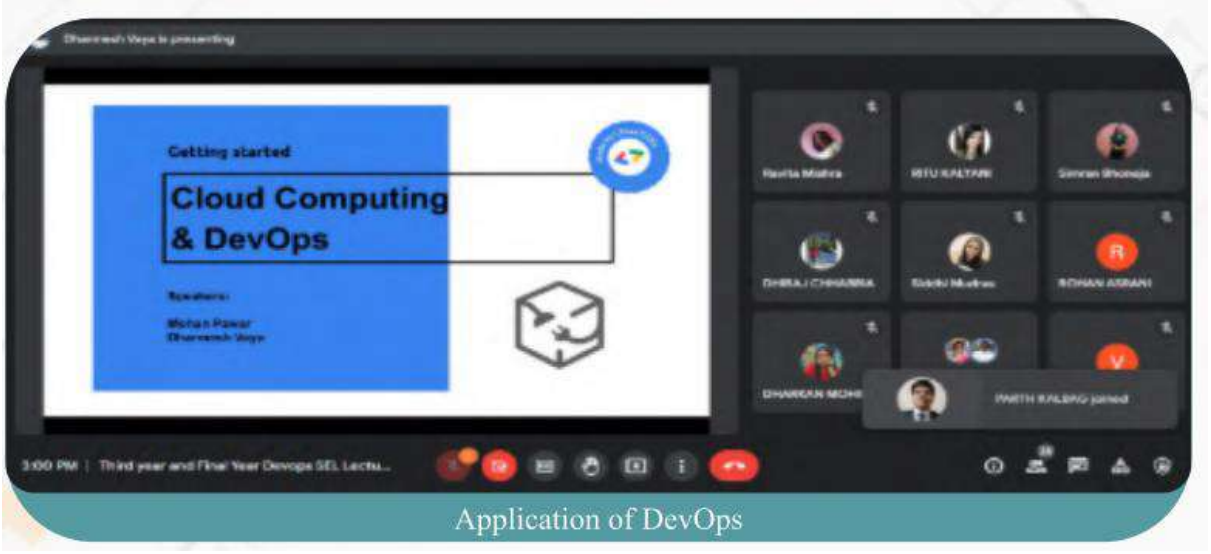



Role of Placement coordinator and its impact on Career

Eligibility, Employability and Resume Building Date

Transaction Analysis




## Achievements

Asma Parveen I. Siddavatam,Bagged 1st runner up prize of Rs 25,000/-at Student Research Forum Award for “Design and construction of Precision and Sliding Pulse Generator.”,The 35th International Conference on VLSI Design and The 21st International Conference on Embedded Systems (VLSID2022)

- **SEL(Skill Enhancement Lecture)**

| Sr. No. | Resource Person | Course Description | Name/s of the faculty | Date | Number of days |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | | | **coordinator** | | |
| 1 | Mr. Hitesh Ahuja CEO AlgoOcean Technologies Pvt. Ltd. and Mr. Rishabh Jain Senior Developer at AlgoOcean Technologies Pvt. Ltd. | SEL Lecture on Integrating Firebase in Flutter App. | Amit singh & Kajal Jewani | 24-02-2022 | 1 |
| 2 | 1.Mr. Dharmesh Vaya Google Developer Expert 2. Mr. Mohan Pawar Senior DevOps Engineer at Cimpress India | Skill Enhancement Lecture on Applications of DevOps | Kajal Jewani | 04th March 2022 | 1 |
| **22-23** | | | | | |
| 1 | Mr. Gopalakrishnan N., Assistant Professor in Instrumentation Department, VESIT | SEL: IoT an Hardware Perspective | Dr. Shanta Sondur, Mrs. Dimple Bohra | 19thSep 2022 to 20th Sep 2022 | 2 |
| 2 | Ms.Priyanka Gandhi (Vesit Alumni ) Associate Engineer, JP Morgan Chase & Co. | SEL: Applications of Data Structures in Industry | Mrs. Kajal Jewani & Mrs. Charusheela Nehete | 12th August 2022 | 1 |

- **QuestIT Activities**

| **Sr. No.** | **Resource Person** | **Course Desc** | **Name/s of the faculty coordinator** | **Date** | **Number of days** |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| | | **riptio n** | | | |
| 1 | Sreekesh Iyer<br><br>Third year student from D15A, Web Development Enthusiast, Content Contributor for the year 2019-Realme Community India, Professional writing experience of 2 years in various domains, Runner Up in VESIT AI-Syberthon | Resume Building using Tailwind CSS | Asha Bharambe | 16th January, 2022 | 1 |
| 2 | In collaboration with ISTE-VESIT | INVICTUS'22 Hackathon | Asha Bharambe | 20th February, 2022 | 1 |
| 3 | Devdatta Khoche<br><br>Final year student from D20, Runner-up for competitions such as VESIT Hacks'19, Edisha'19, Currently placed in JPMC, Completed internships at Bennett University and Tech Mahindra.<br><br>Aditya Kotkar<br><br>Final year student from D20, Won various competitions such as VESIT Hacks'19, Code Slam'19, etc, Currently placed in Barclays, Completed internships and also freelanced for 8 | Understanding Machine Learning | Asha Bharambe | 5th March, 2022 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| | months. | | | | |
| 22-23 | | | | | |
| 1 | QuestIT Cell<br>Aamir Ansari (D20A)<br>Sreekesh Iyer (D20A)<br>Omkar Pawar (D20B) | Quick Start DevOps | Kajal Jewani | 28/07/2022 ,29/07/2022 01/08/2022 | 3 |
| 2 | V Krishnasubramaniam (D20A)<br>Siddhi Murdas (D20A) | Java Workshop | Kajal Jewani | 21st and 22nd September, 2022 | 2 |

- **Placement Cell Activities**

| Sr. No. | Course Description | Date | Resource Person |
|---|---|---|---|
| 1 | Role of Placement coordinator and its impact on Career | 28th January 2022 | Mr. Nagananda |
| 2 | Eligibility,Employability and Resume Building | 25th January 2022 | Mr. Nagananda |
| 3 | Transaction Analysis | 1st February 2022. | Mr. Nagananda |

# STUDENT ACHIEVEMENTS

- **Competitive Exams:**

| Sr. No. | Names of students selected/ qualified | Registration number/roll number for the exam |
|---|---|---|
| 1 | Harsh Jain | TOEFL-6711609215013101 GRE-: 9270062 |
| 2 | Nagesh Nayak | GRE-0106285 TOEFL-8999510215210716 |

- **Higher studies details:**

students got admitted for higher studies in Indian and foreign universities which includes

| Name of the Student | University | Field of Specialization |
|---|---|---|
| Harsh Jain | University of ILLINOIS URBANA-CHAMPAIGN | Information Management - MS Program |
| Nagesh Nayak | Syracuse University | Master in Computer Science |

- **Student Participation**

**D10A**

- **Technical Events**
- Sarvesh Patil secured 2nd pos1t10n in CODE-O-FIESTA hackathon organized by QuestIT Cell, IT Department and also participated in Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- Tejas Samant participated in CodeKaze organized by Coding Ninja platform.

- Shreyansh Singh participated in a hackathon organized by MCT Rajiv Gandhi Institute of Technology.
- Manav Tanna participated in the Invictus Hackathon organized by ISTE VESIT.
- Sahil Pabale participated in TSEC Hacks organized by TSEC.
- Amogh Pujari has participated in a Cloud Engineering program organized by Google.
- Diya Shah participated in the Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- Divisha Gupta participated in CODE-O-FIESTA hackathon organized by QuestIT Cell and participated in Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- Upendra Falak secured 2nd position in CODE-O-FIESTA hackathon organized by QuestIT Cell and participated in Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- Khushi Mahamunkar participated in the Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- Urvi Pandit participated in the Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- Bhargav Bodhankar participated in the Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- Bhavya Kurup participated in CODE-O-FIESTA hackathon organized by QuestIT Cell and participated in Invictus Hackathon organized by ISTE VESIT and QuestIT, IT Department.
- **Non Technical Events**
- Vineet Vijaykumar participated in the Badminton Team of VESIT organized by Sports Council of VESIT.
- Diya Shah secured 2nd position in Treasure hunt ofUTSAV'20 organized by Cultural Council ofVESIT.
- Diya Shah secured 3rd position in ALLURE organized by Cultural Council ofVESIT.
- Divisha Gupta secured 1st position in the Poetry Writing Competition organized by the Cultural Council of VESIT.

- Divisha Gupta secured 2nd position in Blow the whistle competition organized by VESLit Circle.
- Divisha Gupta secured 2nd position in Techtrix organized by ISTE VESIT.
- Upendra Falak secured 2nd position in Techtrix organized by ISTE VESIT.
- Upendra Falak participated in Debate competition in UTSAV'22 and in Scandal organized by Cultural Council ofVESIT.
- Upendra Falak secured 2nd position in Group drama organized by Cultural Council of VESIT.
- Urvi Pandit participated in Cultratri organized by Cultural Council of VESIT.
- Bhargav Bodhankar secured 3rd position in solo singing at UTSAV'22
- Chirag Chawla secured 3rd position in Drama organized by Cultural Council ofVESIT.
- Sahil Kodwani secured 3rd position in Drama organized by Cultural Council ofVESIT.
- **Workshops / Seminars**

  **D10A**

  - Manav Jawrani attended a workshop of ReactJS and Material UI organized by CSI VESIT.
  - Manav Jawrani attended a workshop of PHP and Laravel organized by CSI VESIT.
  - Manav Jawrani attended a workshop of Graph up with ChartJS organized by ISA VESIT.
  - Khushi Mahamunkar attended a workshop on Google Cloud Community Days organized by GDC Cloud Community.
  - Jay Shah a workshop on Java organized by CSI VESIT.
  - Bhargav Bodhankar attended a workshop on Python and Django organized by CSI VESIT.
  - Bhargav Bodhankar attended a workshop of Graph up with ChartJS organized by ISA VESIT.
  - Bhargav Bodhankar attended a workshop of ReactJS and Material UI organized by CSI VESIT.
  - Varun Motiyani attended a workshop on UI/UX organized by IEEE VESIT.

### D10B

- Krish Jakharia completed an IP awareness workshop organized by NIPAM.
- Shree Samal completed the Chai API Charcha workshop organized by VESIT.
- Ankit Balwani completed the Chai API Charcha workshop organized by VESIT.
- Rohit Yadav completed Basic Web Dev - With Bootstrap workshop organized by SHAPEAI, GitHub & Docker and Bootstrap organized by CSI-VESIT and Chai API Charcha organized by CodeCell VESIT
- Sakshi Patil completed Bootstrap, Java and Python & Django workshops organized by CSI-VESIT and participated in Chai API Charcha and Codeastra organized by CodeCell VESIT and CSI Vidyalankar Institute of Technology respectively.
- Nandana Nair completed the following Workshops on NodeJs & MongoDB, ReactJs and Material UI and Web 3.0 all under CSI-VESIT.
- Prajwal Patil completed the following workshops Web 3.0, GitHub, Docker and Bootstrap organized by CSI-VESIT.

### D15A

- Ajay Kachchela attended the Workshop on problem solving and ideation conducted by VESIT IQAC and VESIT IIC on 2nd February, 2022.

## ● Industry Interactions

### D10A

- Sarvesh Patil completed an internship as an Android Developer at Exposys Data Las.
- Amogh Pujari completed an internship in Social Media Marketing at Grow y Little.
- Samartha Rayguru completed an internship in We Development at KJSIEIT.
- Diya Shah completed an internship in teaching are weCHANGE organization.

- Omkar Chugh completed an internship as an PHP developer at Hertzsoft.
- Divisha Gupta completed an internship as an Android Developer at Exposys Data Las.
- Atharva Bhoite completed an internship as an Android Developer at Exposys Data Las.
- Upendra Falak completed an internship as an Android Developer at Exposys Data Las.
- Upendra Falak completed an internship in Data Analytics and Visualization at Takenmind organization.
- Viren Khana completed an internship as Python Developer at Trivia Softwares.
- Chirag Chawla completed an internship as Python Developer at Trivia Softwares.

## D10B

- Krish Jakharia completed an internship as a Campus Ambassador at NEO.
- Kunal Purswani completed an internship as an Intern in Development team at Springfield Olympiads.

## D15A

- Aamir Ansari is currently interning as a Software Development Intern at Project Utkarsh in collaboration with Star Union Daichi Life Insurance LtdF
- Sreekesh Iyer is currently interning as a Software Development Intern at Project Utkarsh in collaboration with Star Union Daichi Life Insurance LtdF
- V Krishna Subramanian is currently interning as a Software Development Intern at Project Utarsh in collaboration with Star Union Daichi Life Insurance LtdF
- Ninad Rao is currently interning as a Software Development Intern at Project Utkarsh in collaboration with Star Union Daichi Life Insurance LtdF

- Khan Riyaz Ahmad Ishraq is currently interning as a Web development intern at Swechcha Project in collaboration with VESIT Renaissance CellF
- Shilpa Thokar interned as a Web Developer at LetsGrowmore for one month from 1st January, 2022 and at Spars foundation as a Web Developer for a month from 1st January, 2022F
- Anusha Shetty interned as a Web Developer at LetsGrowmore for one month from 1st January, 2022.

**D15B**

- Vini Talreja completed an internship as a Web Developer organized by Sparks Foundation
- Jatin Gogia completed an internship as a Python Development Intern with a third party organization.
- Khushi Hotwani completed an internship as a Web Development Intern with The Sparks Foundation.
- Teena Lawani completed an internship as a Web Development Intern with The Sparks Foundation.
- Ayush Tickoo completed an internship as an Intern in Web Development with the sparks foundation.
- Mangesh Sokalwar completed an internship as Group and Python Leader with Ganit App In collaboration with COEP Virtual Lab.

**D20**

- Devdatta Khoche has done a 6 month internship as Backend Developer at RedCarpetup.
- Dharkan Mohinani has completed an internship in Data Science at the Sparks Foundation.

## ● Industrial Visit

| Industry Visit - Company Name | Industry Visit - Location/Venue | Industry Visit - Start Date | Industry Visit - Duration | Industry Visit - Description |
|---|---|---|---|---|

## ● Project Innovations

- **Industry Projects**

| Sr. No. | Name of the Industry | Title of Project | Name of Students | Resource Person | Project Mentor |
|---|---|---|---|---|---|
| **22-23** | | | | | |
| 1 | Star Union Dai-Chi Life insurance company | Claims Validation and Churn Prediction | Ninad Rao, V Krishna, Shalaka Waghmale | | Dr Shanta Sondur |
| 2 | Star Union Dai-Chi Life insurance company | Insurance Eligibility Validation and Fraud Control | Aamir Ansari,Sreekesh Iyer, Aditi Singh | | Dr Shanta Sondur |

- **Skill Development Activities**

  Skill Enhancement Lectures (SEL)
  NPTEL
  Certification Programs

- **Co-curricular Activities**

  Intra College Activities
  Professional Society Activities

- **Extra-curricular activities**

  Participation in Inter College Competitions
  Participation in Intra College Competitions

# DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

The Department of Humanities and Applied Sciences provides a robust foundation to the students through basic courses and expanded value-added teaching in areas of the technical field, personality development, and competitive abilities. It acts as a bridge in between the basic sciences and engineering procedure. The ambience of the department is always energetic & enthusiastic. The department is enriched with experienced, efficient and dedicated faculty members who teach students to think logically, judge critically and communicate clearly.

## Staff Activities

## Courses Attended by Faculty

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Dr. Keya Doshi | UGC Sponsored Online Workshop on " Good Academic Research Practices, Academic Research Integrity | HRDC- Rashtrasant Tukdoji Maharaj, Nagpur University, Nagpur | 12 Th July 2022 | 1 Day |

## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

| | | | | | |
|---|---|---|---|---|---|
| 2 | Netto Mertia.A | Workshop on 'Research Methodology' &'Research and Publication Ethics" | Noorul Islam Centre for Higher Education ,Kumarakovil ,Kanyakumari District, Tamil Nadu -629180 | 8th June to 21st June<br><br>-Offline | 15 days |

### NPTEL Certifications

| Sr. No. | Name of the Faculty | NPTEL Course Description | Organized by | Period | Score |
|---|---|---|---|---|---|
| 1 | Dr.Pooja Kundu | Public Speaking | IIT Roorkee | 12 Weeks | Awaited |
| 2 | Ms. Ramya .T | Public Speaking | IIT Roorkee | 12 Weeks | Awaited |

## Student Activities

### Awakening The Scientists Competition 2021-22

### (The perfect platform to express your innovative ideas)

An engineer needs to be observant on how basic science makes a difference in our day to day life. Awakening the Scientist is such a platform provided to the First year students to express their innovative ideas. It is organized by H&AS department in association with VESIT IIC and IQAC.

To make students aware of this opportunity, an inaugural speech was conducted by Prof. A Nagananda (Training and Placement officer, VESIT) for three days. The speech was for an hour in which Prof. A Nagananda explained the importance of idea pitching and application of discoveries and inventions in the basic science domain. He also explained rapid changes in technology and related the past, present, and future of few technologies. Not only he made students aware of the importance of having sound technical knowledge in this competitive world but also on the art of working in a group with an attitude of sharing and caring.

First year students make groups, and each group identifies the basic engineering and technology used in the gadget and tools used in everyday life. This year , 14 groups with a total number of 54 students had registered for this event. The enrolled students were asked to submit a one page synopsis which includes

name of the gadget or equipment, principle of operation, scientific laws applicable, engineering and technological aspects, future trends and domain. A special seminar was conducted by Prof.A.Nagananda on 'How to make PPT' which would focus on Do's and Don'ts while making and presenting PPT.

Elimination round was conducted for all the groups enrolled and 6 groups were selected for the final round. Final round was conducted on 7 th May 2022. Each group was given 10 minutes time for presenting their gadget in both the rounds followed by a 5 minutes question and answer session. Total 3 positions were announced from 6 groups along with 2 best speakers and 2 most promising speakers. Students were given participation and winning certificates.

# Vivekanand Education Society's
## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

**Enrolled Groups:**

| S.No. | Group Leader | Topic |
|---|---|---|
| 1 | Mohit Kailas Patil | Earphone |
| 2 | Sai Nilesh Thikekar | Contact lens |
| 3 | Johan john | Lock |
| 4 | Sneha Dharmendra Tanna | Torch |
| 5 | Tejas Sharma | Speaker |
| 6 | Nikita Kumawat | Pen |

## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

| | | |
|---|---|---|
| 7 | AATHARVAA KETAN SHIVESHWARKAR | PULSE OXIMETER |
| 8 | Abhinaya Danda | Smart Watch |
| 9 | SNEHA RAVINDRA NAIK | SIM CARD |
| 10 | Vishal Yadav | Refrigerator |
| 11 | Bhakti Daga | Mosquito repellent |
| 12 | Sharvari Patwardhan | Charger |
| 13 | Kaushik puli | Water heater |
| 14 | Aditya Mangtani | Projector |
| 15 | Khyati Hegde | Hair Straightener |

**Coordinators:**

**1] Mr.Mahesh Singh**

**2] Ms.Ramya T**

**3] Mr.Vijay Shejwalkar**

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## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

### Poster of Online Poster Making Competition

World Environment Day was celebrated on 6 June 2022 by H & AS Department in association with VESIT IQAC and IIC.The Online Poster competition was conducted so that students could express their creative thoughts through slogans on world environment which is today's hot topic. The poster presentation was kept to express their ideas confidently. The Coordinators for Competition were Dr Maya Bhat Assistant Professor H& As Department and Dr Gresha Bhatia Associate professor of Department of Computer Engineering.1972. The UN General Assembly designates 5 June as World Environment Day, **marking the first day of the Stockholm Conference on the Human Environment**. Another resolution,

adopted by the General Assembly the same day, leads to the creation of the UN Environment Program.To celebrate this event, World Environment day was observed.

Following were the Rules for poster making

Guidelines for online Poster making:-

- Use Paint & Brush/PPT/Word Format to Make Your Poster.
- You can take help of images from the internet or click pictures from your phone or your own drawings.
- Make a Slogan or Message by combining these images, drawings, pictures creatively based on world environment day Theme.
- Slogan or message should be of less than 10 words.
- Convert the Poster to PDF form and Upload the PDF to Google form.
- PDF file Name is Your Name_DIvision_Slogan

The Posters made by by the FE students were quite appealing.The thoughts expressed through slogans did suit the topic.The students has done a wonderful job.The FE students have Wholeheartedly participated in the competition We got 8 entries of posters.The judging is done by Dr Maya Bhat and Dr Gresha Bhatia

Following Students got prizes

1. Atharva_D1E_it is our duty to protect the Earth's beauty. - ATHARVA GODKAR
2. VanshDhoka_D1E_Your actions will determine your Fate - VANSH DHOKA
3. Tasmiya Khan_D2A_Plant More Trees make environment pollution free - TASMIYA KHAN
4. Environment Day D4A - VEDANT PATIL

# DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

## UHV Workshop for first year Engineering Students

This year, since the college started in offline mode, UHV FE induction sessions were conducted in offline mode in the Auditorium for all the First year students on 1 April 2022- 4 April 2022.Total 410 students participated in the workshop.. The main motive behind conducting these sessions was to familiarize the students with the ethos and environment of the institution and inculcate and reinforce basic universal human values in them.

The sessions were taken by Dr.Pooja Kundu and Dr. Sushil Dhuldhar ,Assistant Professors ,Humanities and Applied Sciences Department . Dr. Pooja Kundu commenced the session with the basic introduction to values and Universal Human Values and its prime importance in one's life. The session then outlined that the prime need of value education is to understand human aspirations, to discover what is truly valuable (human value) in life. Students were asked to draw their tree of life and give their introduction in a particular given format. The content of education as being universal, rational, natural, verifiable and leading to harmony was described. It was stressed that the process of value education has to be a process of self exploration, rather than being prescriptive. It explored the role of right understanding, relationship and physical facility for the happiness and prosperity of human beings.Dr. J.M. Nair, Principal VESIT also motivated the students and told them to work hard in order to achieve their goals in life. She also acquainted the students with the holistic approach which the college employs to develop the overall personalities of the students.

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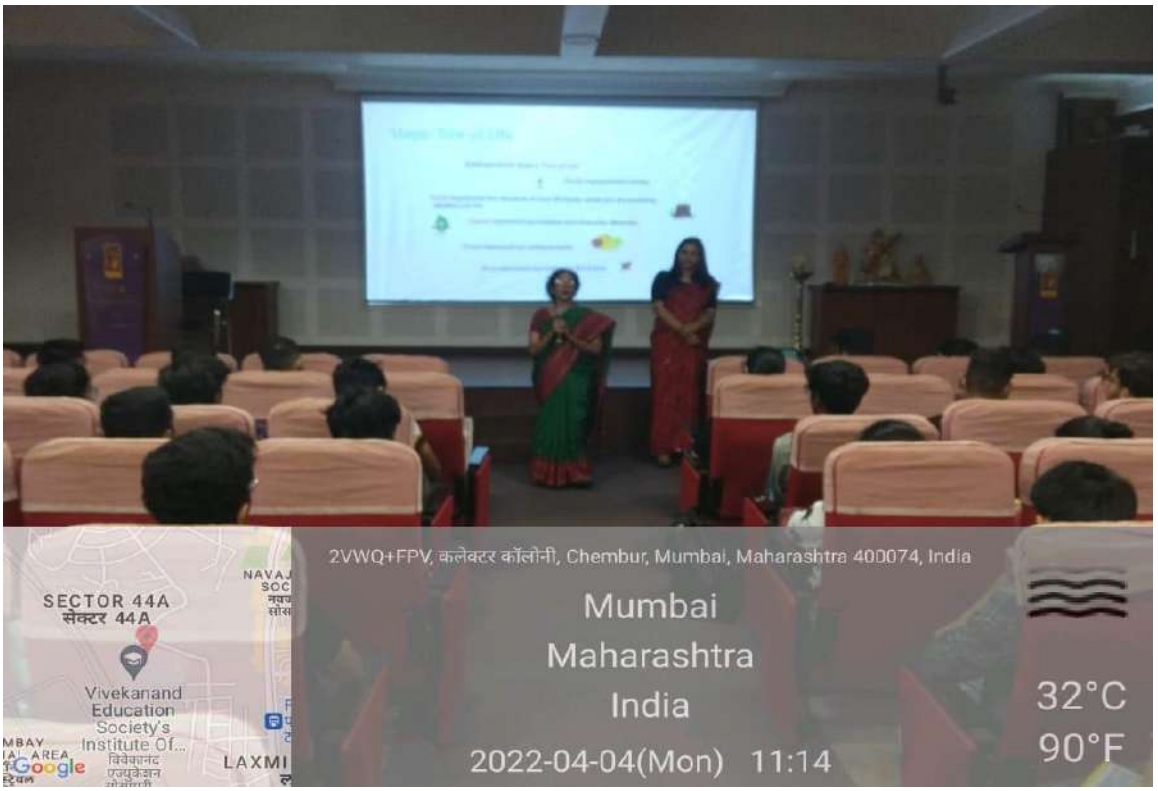
## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES



## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

The students thoroughly enjoyed and enthusiastically shared their introductions and basic human aspirations.

## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

Through various concrete and diverse examples it was proposed that basic human aspiration for all human beings is happiness and prosperity. A short film was also screened called"Identity" after which the literal and implied meaning of the movie was discussed. The students thoroughly enjoyed the sessions and gave the feedback that more sessions like this should be organized to build the right understanding and confidence in students.

# DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

## Students' Participation

| Name of Activity | Faculty members involved | Date | No of student participants |
|---|---|---|---|
| Awakening the Scientist | Mr Vijay Shejwalkar<br>Ms. Ramya .T<br>Mr. Mahesh Singh | 7/5/22 | 54 |
| UHV Workshop | Dr.Pooja Kundu<br>Dr.Sushil Dhuldhar | 1/4/22,4/4/22 | 410 |
| Science Day Debate | Dr.Pooja Kundu,Dr.Sushil Dhuldhar | 15/1/22 | 30 |
| National Energy Conservation Day Online Poster competition | Dr Maya Bhat,<br>Mr Vijay Shejwalkar | 8/1/22 | 14 |
| National Pollution control day Essay Competition | Dr Maya Bhat,<br>Mr Vijay Shejwalkar<br>Dr Pooja Kundu | 27/1/22 | 60 |

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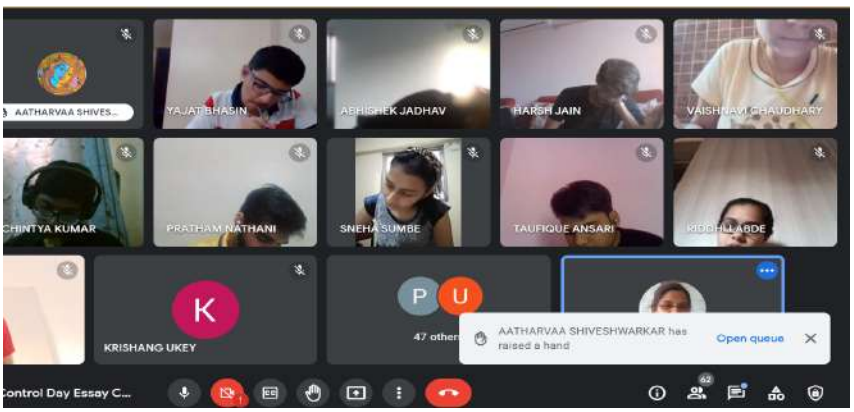
## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

| Name of Activity | No of student participants |
|---|---|
| Workshop/Seminar /Courses | 36 |
| Co-Curricular/Extra Curricular Activities Intra College | 30 |
| Co-Curricular /Extracurricular Activities Inter College | 6 |

### Photos/ Sample Certificates

**National Pollution control day Essay Competition**



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## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

**Online Poster competition organized on the occasion of National Energy Conservation Day**

**Poster :Science Day Debate**

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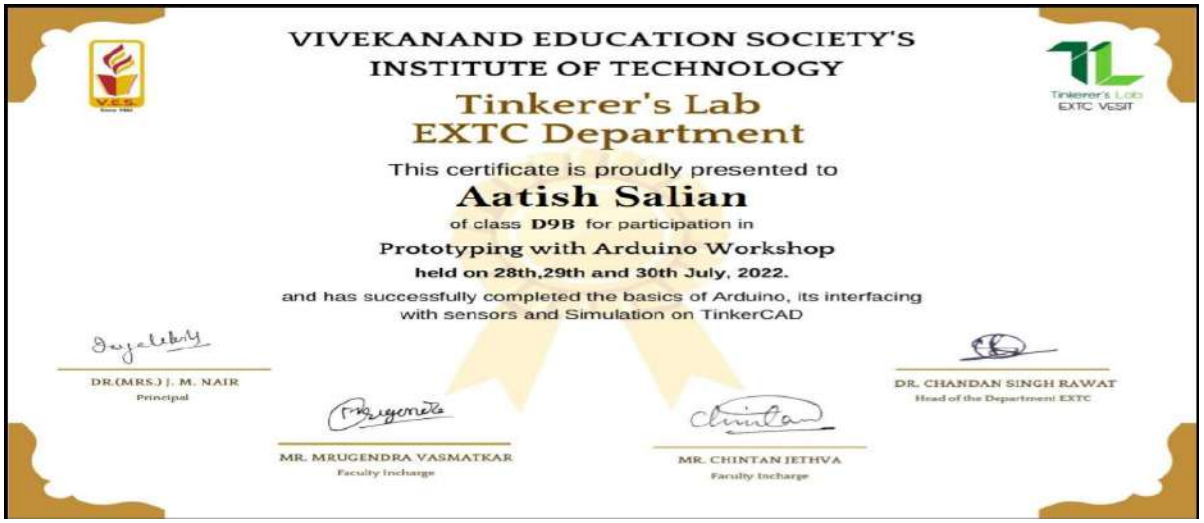
## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

**Faculty giving their valuable feedback during Science Day Debate**


VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY
Tinkerer's Lab
EXTC Department
This certificate is proudly presented to
**Aatish Salian**
of class **D9B** for participation in
Prototyping with Arduino Workshop
held on 28th,29th and 30th July, 2022.
and has successfully completed the basics of Arduino, its interfacing with sensors and Simulation on TinkerCAD

DR.(MRS.) J. M. NAIR
Principal

MR. MRUGENDRA VASMATKAR
Faculty Incharge

MR. CHINTAN JETHVA
Faculty Incharge

DR. CHANDAN SINGH RAWAT
Head of the Department EXTC

## DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

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Address: HAMC, Collector's Colony, Chembur, Mumbai - 400074 Website: ves.ac.in/vesit

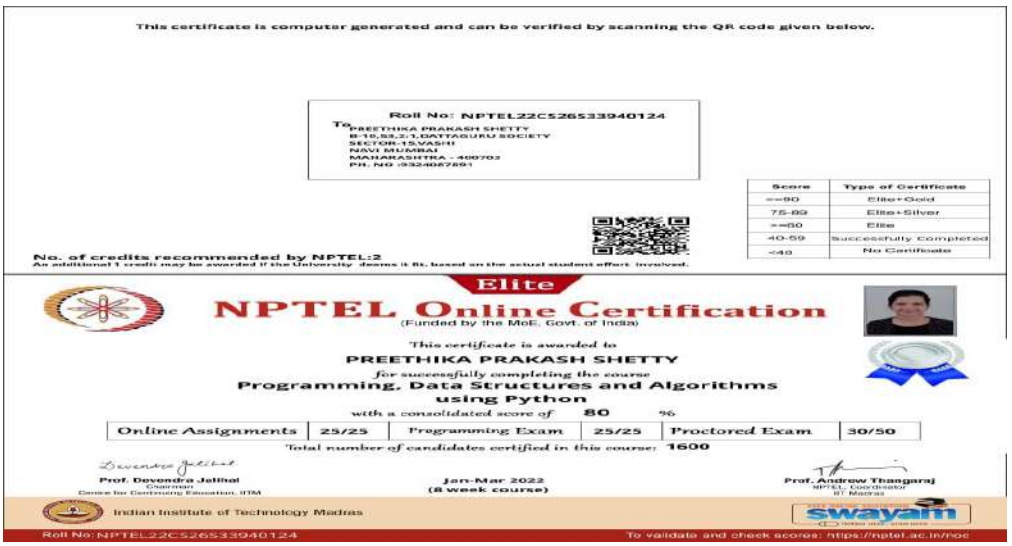
VESLang

CERTIFICATE OF PARTICIPATION

This certificate is awarded to Mr. / Ms. **Richita Karira** of **D2C**, for his/her participation in the **6 weeks** long **Personal and Professional Achievement Program** from **08-02-2022 to 24-03-2022** organized by the VESLang Circle.

Dr. J.M.NAIR
Principal

Dr. GEETA AJIT
Staff In-Charge



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS26533940124

To PREETHIKA PRAKASH SHETTY
B-16,S3,2-1,DATTAGURU SOCIETY
SECTOR-15,VASHI
NAVI MUMBAI
MAHARASHTRA - 400703
PH. NO :9324087891

| Score | Type of Certificate |
|---|---|
| >=90 | Elite+Gold |
| 75-89 | Elite+Silver |
| >=60 | Elite |
| 40-59 | Successfully Completed |
| <40 | No Certificate |

No. of credits recommended by NPTEL:2

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
PREETHIKA PRAKASH SHETTY
for successfully completing the course
Programming, Data Structures and Algorithms using Python
with a consolidated score of 80 %

| Online Assignments | 25/25 | Programming Exam | 25/25 | Proctored Exam | 30/50 |
|---|---|---|---|---|---|

Total number of candidates certified in this course: 1600

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2022
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL22CS26533940124 To validate and check scores: https://nptel.ac.in/noc

# VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF MCA

Departmental Report

## (2021-22 Even SEM )

| FACULTY CONTRIBUTION |
|---|
| FDP Organized |

| Sr. No. | Conducted By | Course description | EVENT Type (FDP/STTP/ Workshop/ Seminar etc.) | Organized by | Date |
|---|---|---|---|---|---|
| 1 | Sunny Nahar | Entrepreneurship as a Career | Seminar | Department of Master of Computer Applications(MCA) In Association with VESIT-IIC and VESIT-IQAC | 4th January 2022 |
| 2 | Sunny Nahar | E-Session on “Mentoring” | Seminar | Department of Master of Computer Applications(MCA) In Association with VESIT-IIC and VESIT-IQAC | 8th January 2022 |
| 3 | Vaishali Gatty | E Session on “Future Prospects of Deep Learning” | Seminar | Research Forum of VESIT in association with Department of Master of Computer Applications (MCA) under the guidance of VESIT-IQAC and VESIT -IIC | 21st April 2022 |

| FDP/STTP/Workshop Attended by Faculty | | | | |
|---|---|---|---|---|
| Sr. No. | Faculty Name | Course description | Organized by | Date |
| 1 | Dr. Dhanamma Jagli | E-Session on Entrepreneurship as a Career | Department of MCA under the guidance of VESIT IQAC & IIC | 4th January 2022 |

| | | | | |
|---|---|---|---|---|
| 2 | Dr. Dhanamma Jagli | E-Session on Mentoring | Department of MCA under the guidance of VESIT IQAC & IIC | 8th January 2022 |
| 3 | Dr. Dhanamma Jagli | Innovation & Creativity Session | Vivekanand Education Society's Institute of TechnologyIn association with VESIT IQAC and IIC | 13th January 2022 |
| 4 | Dr. Dhanamma Jagli | Innovation Festival 2022 | Webinar | 22nd January 2022 |
| 5 | Dr. Dhanamma Jagli | Research Talk on "Fauda / Jugaad: Online Teaching Pedagogy" | Department of CMPN under the guidance of VESIT IQAC & IIC | 9th February 2022. |
| 6 | Dr. Dhanamma Jagli | E-Session onSustainable Development Goals | Webinar | 10th January 2022 |
| 7 | Dr. Ramesh Solanki | E-Session on Entrepreneurship as a Career | Department of MCA under the guidance of VESIT IQAC & Approved by Ad-hoc Board of Studies in MCA, University of Mumbai | 4th January 2022 |
| 8 | Dr. Ramesh Solanki | E-Session on Mentoring | Department of MCA under the guidance of VESIT IQAC & Approved by Ad-hoc Board of Studies in MCA, University of Mumbai | 8th January 2022 |
| 9 | Dr. Ramesh Solanki | "Block Chain Awareness, Use Cases and Challenges" | ISTE approved STTP by Dept of Computer Engineering | 3rd to 7th Jan 2022 |
| 10 | Dr. Ramesh Solanki | Research Talk on "Fauda / Jugaad: Online Teaching Pedagogy" | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum in association with VESIT-IIC, | 9th February 2022. |
| 11 | Dr. Ramesh Solanki | participated in the online training/webinar on IEEE Xplore | "IEEE Xplore" organized by VESIT | 24th February 2022 |
| 12 | Dr. Ramesh Solanki | Research Forum Session on "Future Prospects of Deep Learning" | Research Forum VESIT In association with Department of Master of Computer Applications(MCA) under the guidance of VESIT-IQAC and VESIT -IIC | 21st April, 2022 |
| 13 | Dr. Ramesh Solanki | ENTREPRENEURSHIPAWARENESS CAMP Sponsored by Entrepreneurship Development Institute of India (EDI-), Ahmedabad under DST NIMAT Project 2019-20 | Maharashtra Centre for Entrepreneurship Development, Mumbai Sub Urban, In Collaboration with Vivekanand Education Society Institute of Technology In Association with VESITIIC | 14/03/2022 To 16/03/2022 |

| | | | | |
|---|---|---|---|---|
| 14 | Dr. Ramesh Solanki | E-Session on Design Thinking & Its Applications | Department of MCA under the guidance of VESIT IQAC & Approved by Ad-hoc Board of Studies in MCA, University of Mumbai | 14th May 2022 |
| 15 | Dr. Ramesh Solanki | Research Forum Talk On"Trends in Recommender System" | Research Forum VESIT In association with Department of Information Technology | 12th March 2022 |
| 16 | Dr. Ramesh Solanki | E-Session on “Accelerators/ Incubation - Opportunities for Students & Faculties - Early Entrepreneurs” | VESIT - Institution’s Innovation Cell (IIC) In Association with VESIT-IQAC | 30th July 2022 |
| 17 | Indira Bhattacharya | Computer Vision & Deep Learning | Department of Computer Engineering, V. E. S. Polytechnic | 17 May to 21 May, 2022. |
| 18 | Indira Bhattacharya | Online training/webinar on “IEEE Xplore” | Vivekanand Education Society's Institute of Technology | 24-2-2022 |
| 19 | Ruchi Rautela | One Week Online Faculty Development Program on "Computer Vision & Deep Learning" | Organized by the Department of Computer Engineering, V. E. S. Polytechnic in association with CSI Chapter | 17 May to 21 May, 2022. |
| 20 | Ruchi Rautela | Online training/webinar on “IEEE Xplore” | Vivekanand Education Society's Institute of Technology | 24-2-2022 |
| 21 | Ruchi Rautela | E-Session on Entrepreneurship as a Career | Department of Master of Computer Applications(MCA) In association with VESIT IQAC and IIC, Vivekanand Education Society's Institute of Technology | 4th January 2022 |
| 22 | Ruchi Rautela | E-Session on Mentoring | Department of Master of Computer Applications(MCA) In association with VESIT IQAC and IIC, Vivekanand Education Society's Institute of Technology | 8th January 2022 |
| 23 | Ruchi Rautela | Research Forum Session on “Future Prospects of Deep Learning” | Research Forum VESIT In association with Department of Master of Computer Applications(MCA) under the guidance of VESIT-IQAC and VESIT -IIC | 21st April, 2022 |
| 24 | Ruchi Rautela | Research Forum Talk On "Deep Learning Architectures and Applications" | Research Forum VESIT In association with Department of Information Technology (INFT) | 5th March 2022 |

| | | | | |
|---|---|---|---|---|
| 25 | Ruchi Rautela | Innovation & Creativity session | Vivekanand Education Society's Institute of Technology in association with VESIT IQAC and IIC | 13th January 2022 |
| 26 | Ruchi Rautela | Research Talk on "Fauda / Jugaad: Online Teaching Pedagogy" | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 9th February 2022. |
| 27 | Ruchi Rautela | Distributed System and Cloud Computing | Bharti Vidyapeeth's Institute of Management and Information Technology and VIVA Institute of Technology | 25 September 2021 |
| 28 | Ruchi Rautela | One week AICTE-ISTE approved Short Term Training Program on "Data Science and its Applications" | Department of Electronics and Telecommunication, Department of Computer Engineering & Department of Information Technology, Shivajirao S. Jondhale College of Engineering, Sonarpada, Dombivli (East), | 25th to 30th of June 2022. |
| 29 | Ruchi Rautela | IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION | Intellectual Property Office, India | February 23,2022 |
| 30 | Ruchi Rautela | E-Session onSustainable Development Goals | Vreach, SoRT ,VESIT IQAC&IIC | 10th January 2022 |
| 31 | Ruchi Rautela | AICTE-ISTE approved orientation/refresher program on "Artificial Intelligence and Robotic Process Automation: Tools , Techniques, Challenges and solutions" | Sardar Patel Institute of Technology, Mumbai | 19 January 2022 to 25 January 2022 |
| 32 | Ruchi Rautela | E-Session on Design Thinking & Its Applications | Department of MCA under the guidance of VESIT IQAC & IIC | 14th May 2022 |
| 33 | Ruchi Rautela | Research Forum Session on "Future Prospects of Deep Learning" | Research Forum VESIT In association with Department of Master of Computer Applications(MCA) under the guidance of VESIT-IQAC and VESIT -IIC | 21st April, 2022 |

| | | | | |
|---|---|---|---|---|
| 34 | Ruchi Rautela | Innovation & Creativity session | Vivekanand Education Society's Institute of Technology In association with VESIT IQAC and IIC | 13th January 2022 |
| 35 | Ruchi Rautela | E-Session on Entrepreneurship as a Career | Department of MCA under the guidance of VESIT IQAC & IIC | 4th January 2022 |
| 36 | Ruchi Rautela | E-Session on Mentoring | Department of MCA under the guidance of VESIT IQAC & IIC | 8th January 2022 |
| 37 | Ruchi Rautela | e-Quiz on antarrashtriya matrubhasha divas | Department of Library, VESIT | 21st February 2022 |
| 38 | Ruchi Rautela | Computer Vision & Deep Learning | Department of Computer Engineering, V. E. S. Polytechnic | 17 May to 21 May, 2022. |
| 39 | Ruchi Rautela | IP Awareness/Training program | Intellectual Property Office, India | 23rd February 2022 |
| 40 | Meenakshi Garg | "Computer Vision & Deep Learning" | Department of Computer Engineering, V. E. S. Polytechnic | 17 May to 21 May, 2022. |
| 41 | Meenakshi Garg | participated in the online training/webinar on IEEE Xplore | "IEEE Xplore" organized by VESIT | 24th February 2022 |
| 42 | Meenakshi Garg | IP Awareness/Training program | Intellectual Property Office, India | 23rd February 2022 |
| 43 | Vaishali Gatty | E-Session on Entrepreneurship as a Career | Department of MCA under the guidance of VESIT IQAC & IIC | 4th January 2022 |
| 44 | Vaishali Gatty | Online Advanced FDP on "Cyber Security" | AICTE Training And Learning (ATAL) Academy | 03/01/2022 to 07/01/2022 |
| 45 | Vaishali Gatty | Innovation & Creativity session | Vivekanand Education Society's Institute of Technology In association with VESIT IQAC and IIC | 13th January 2022 |
| 46 | Vaishali Gatty | E-Session on Mentoring | Department of MCA under the guidance of VESIT IQAC & IIC | 8th January 2022 |
| 47 | Vaishali Gatty | Research Forum Session on "Future Prospects of Deep Learning" | Research Forum VESIT In association with Department of Master of Computer Applications(MCA) under the guidance of VESIT-IQAC and VESIT -IIC | 21st April, 2022 |
| 48 | Vaishali Gatty | Computer Vision & Deep Learning | Department of Computer Engineering, V. E. S. Polytechnic | 17 May to 21 May, 2022. |

| Research Forum Activities Conducted | | | | | |
|---|---|---|---|---|---|
| **Sr. No.** | **Date** | **Name of the Expert** | **Designation & Organisation** | **Topic** | **Attended By** |
| 1 | 21st April 2022 | Dr. Asha S Manek | Dept of CSE, RV Institute of Technology and Management, Bangalore | “Future Prospects of Deep Learning” | Faculties & Students |

| Research Paper Published | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sr. No.** | **Faculty Name** | **Publication - Author List** | **Publication - Date** | **Publication - National / International** | **Publication - Publisher** | **Publication - ISBN Number** | **Publication Details:page no./Volume/Issue** |
| 1 | Sunny Nahar | Pranav Chaudhari, Sunny Nahar | June 2022 | International | International Research Journal of Engineering and Technology (IRJET) | 2395-0056 | Page No.2324-2326/Volume 09/Issue 6 |

# Report on Student Achievement

## Academic Year: Jan to July 22

## In-charge: Dr.Ramesh Solanki/Mrs. Monali Rajput

- **Student Achievements(Certificates, Outside events, Higher Studies)**

Course/Workshop Attended

| Sr. no | Name | Class (FY) | Achievement Category | Title Of Course/Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 01 | Sahil Farukh Khan | Division B | Workshop | Cloud Computing Workshop | 2 | 5-03-2022 | **Google Meet** | ISTE-VESIT | On day 1 - Cloud Computing , What's Azure and explore the services.<br>On day 2 - creating own VM project using Microsoft Azure and Ubuntu |

Certification Course

| Sr. no | Name | Class (FY) | Title Of Certification | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|
| 02 | Narender Keswani | Division B | Hackerrank Node (Basic) Certificate | 1 | 9-02-2022 | **Mumbai** | HackerRank is a place where programmers from all over the world come together to solve problems in a wide range of Computer Science domains such as algorithms, machine learning, or artificial intelligence, as well as to practice different programming paradigms like functional programming | The exam was about 1:30 hr , where 2 questions are given at hackerrank , after solving the questions the each test case should be passed. |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 03 | Arya Varma | Division B | Joy of computing using python | 90 | 23/4/2022 | **Powai** | swayam nptel | The course brings programming to your desk with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. As part of the course, you will be learning how to practice and culture the art of programming with Python as a language. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions. |
| 04 | GAURI DUDAVADKAR | Division B | DATA ANALYTICS WITH PYTHON | 84 | 23/04/22 | **NPTEL ONLINE CERTIFICATION** | swayam nptel | NPTEL (National Programme on Technology Enhanced Learning) for Engineering provides Online Certification Courses. |

# Report on Shreshtha

| Point To be Addressed | Description |
|---|---|
| **Academic Year** | 2021-22 |
| **Type of Event** | Outdoor |
| **Date of the Event** | 30th April 2022 |
| **Duration Of the Event** | Single Day Event |
| **Venue** | Polytechnic Ground, VES |

| | |
|---|---|
| **Target audience** | Students of VESIT MCA department. (FY, SY, TY) |
| **About The Program,** | the MCA Sports council organized an exclusive sports event, Shreshtha. Shreshtha comprises outdoor sports namely; futsal, cricket, dodgeball, and tug of war. |
| **Objective Of The Program** | Sports help bring peers and seniors together. With no bias for gender or seniority, Shreshtha aimed to be an ice-breaker event between all MCA batches and negate the anonymity amid the online-offline batches altogether.<br>It was also the final event for the particular batch of 2022 as for the first and possibly the last time in MCA, 2 Batches will pass out from the college simultaneously. |

**Report and photographs (with captions)**

*Faculty In-charge Dr. Ramesh Solanki gracing*

*the field as part of the event*

*MCA Sports Council*

*Cricket Winners (MCA1)*

*Shreshtha Overall Class winners MCA1 with the winning trophy*

| | |
|---|---|
| **Outcomes of the event** | Students thoroughly enjoyed the first offline sports event after 2 years. Students of all the 3 batches got to know each other and spend some quality time on the ground through sports.<br>Shreshtha made the rebound to the offline mode more exuberating and helped make new memories. |

**Any Other Achievements**

| Sr.no | Name | Class (FY) | Achievement Category | Date | Achievements |
|---|---|---|---|---|---|
| 01 | Raja Gwalani | Division A | Blood Donation Drive | 29-11-2022 | Blood Donation Drive conducted by SYMCA at Thane Station |
| 02 | Daksha Gaud | Division A | Internship | 29-07-2021 | Worked as a Data Analyst Intern (work from home) at IndikaAI Pvt. Ltd for 1 month. |
| 03 | Daksha Gaud | Division A | IRS activity | 19-02-2022 | Volunteered at Swadhey Foundation for the distribution of water and snacks to our police on 19th February |

**Alumni Interaction**

| Sr. No. | Topic | Name of the Alumini | Designation & Organisation | Batch/Year of Alumini Passout | Date |
|---|---|---|---|---|---|
| 1 | Career Option in Blockchain: "Get into Blockchain and Join the Revolution" | Mr. Mehul Tuteja, | Blockchain developer, Rapid Innovation | 2019 | 29/01/2022 |

| Entrepreneurship Initiatives & IIC, E-cell | | | | | | |
|---|---|---|---|---|---|---|
| **Sr. No.** | **Topic** | **Name of the Expert** | **Designation & Organisation** | **Organized by** | **Attended By** | **Date** |
| 1 | E-session on Entrepreneurship as a Career | Dr. K. Ramakrishna, Ph.D(CSE) Professor of IT, Convener IIC & Director R&D Cell | Professor of IT, Convener IIC & Director R&D Cell,Stanley College of Engineering & Technology for Women, Hyderabad. Director, Sankaran Standard, EduTech STEMA Entrepreneur. | IIC MCA | Faculty and students | 4/1/2022 |
| 2 | E Session On Mentoring | Dr. B.L. Gupta Professor, Department of Management and Dean Academics and Research NITTTR, Shamla Hills, Bhopal. | Professor, Department of Management and Dean Academics and Research NITTTR, Shamla Hills, Bhopal. | IIC MCA | Faculty | 8/1/2022 |

## Department of Master of Computer Application presents e-session on Universal Human Values

| | |
|---|---|
| **Title** | Universal Human Values - Understanding Basic Human Aspiration : The Human Goal |
| **Description** | To understand basic human aspiration, basics of happiness, vision about clear aspiration |
| **Speaker** | Dr. Shiv Kumar Goel, HOD MCA Department, UHV Coordinator VESIT |
| **Dates** | 22/01/2022, 02:00 PM-04:00 PM |

## Screen Shot

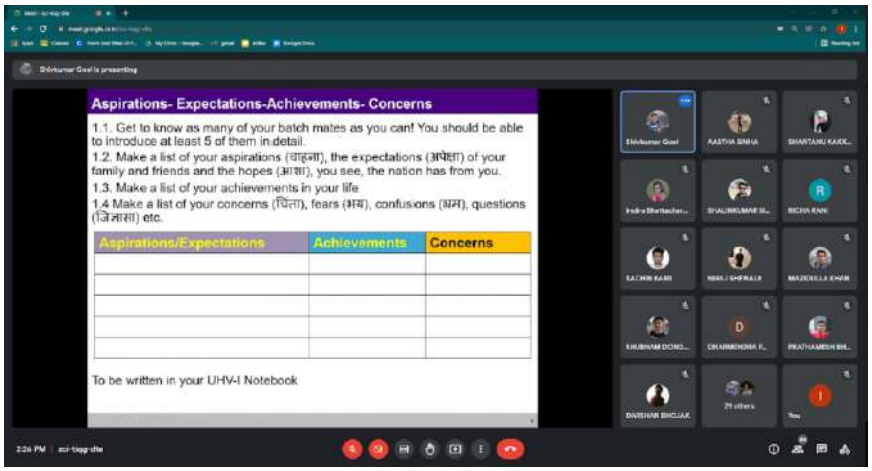



**Fig 1: Session in Progress Briefing About Aspiration**

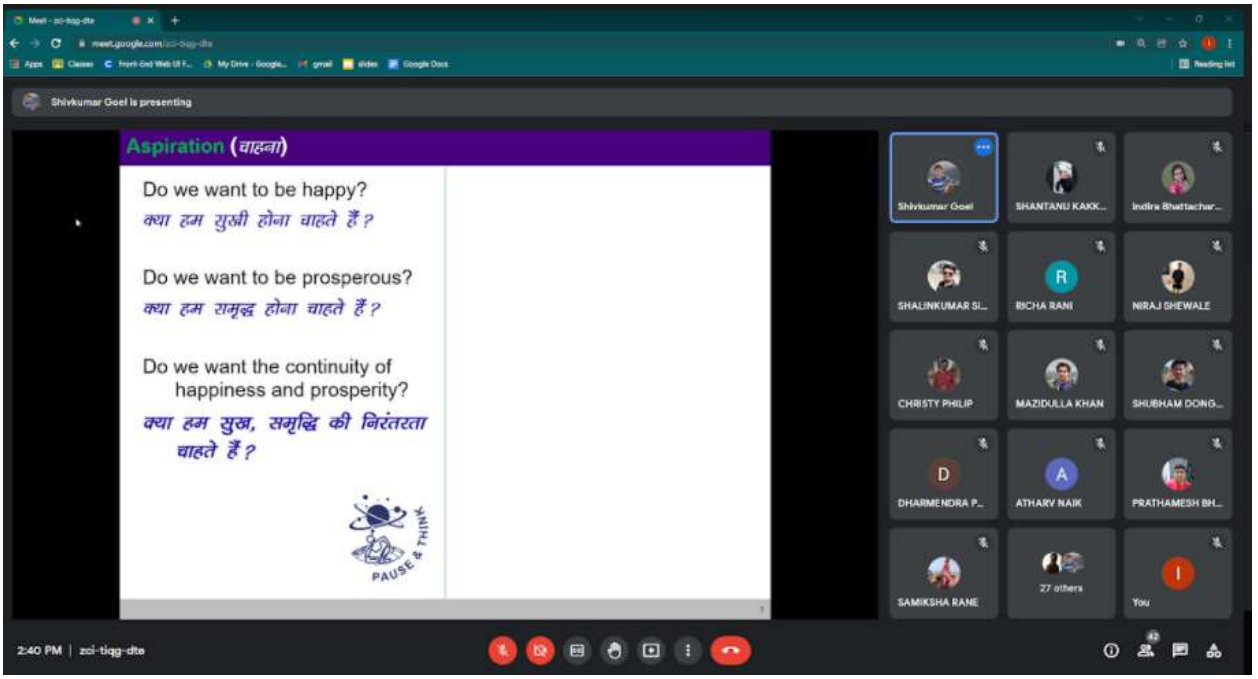


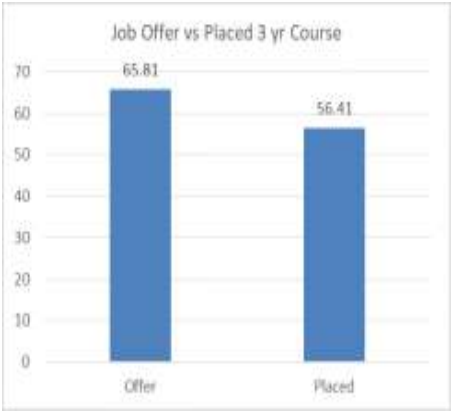

**Fig2: Think and Pause**

# Placement (2021-2022)

**VESIT has a policy of more than one job offer for a particular student. The total job offer refers to the count of the number of offers received by students. Placed refers to the actual how many students got placed counting one job per student.**

**Overall (2yr Course + 3 year Course)**

- **MaximumSalary: 14 LPA**
- **Minimum Salary: 2.4 LPA**
- **Average Salary: 6.02**
- **Number of Companies: 33**



**Job Offer Vs Placed 2 Year Course** **Job Offer Vs Placed 3 Year Course**

**(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)**

## Department of Master of Computer Applications

# Research Forum Event

## Event : E Session on “Future Prospects of Deep Learning”

**Organized by: Research Forum of VESIT in association with**
**Department of Master of Computer Applications (MCA)**
**under the guidance of VESIT-IQAC and VESIT -IIC**

**Speaker: Dr. Asha S Manek,Dept of CSE, RV Institute of Technology an Management, Bangalore**

**Date: 21st April 2022**

**Time: 12:45PM to 2:45PM**

The Research Talk started with a brief introduction to the speaker by Mrs. Vaishali Gatty the MOC of the day. The speaker Dr. Asha S Manek, started the session with a discussion of concepts such as Artificial Intelligence, Deep Learning.

Speaker explained these concepts with the help of engaging examples.

She also provided insights into

- Types of Machine Learning and Deep Learning
- Projects using Machine Learning
- Research Areas in DL

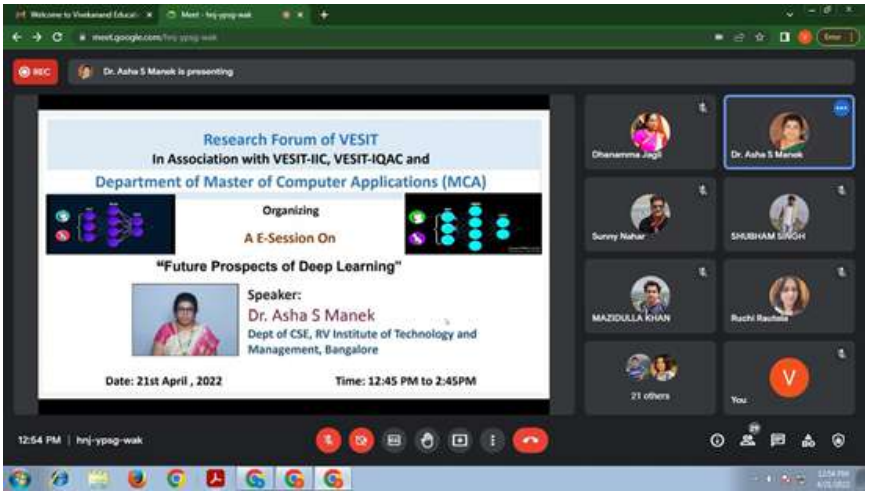
The questions asked by the participants were well handled by the speaker.The event was well

received by the participants.

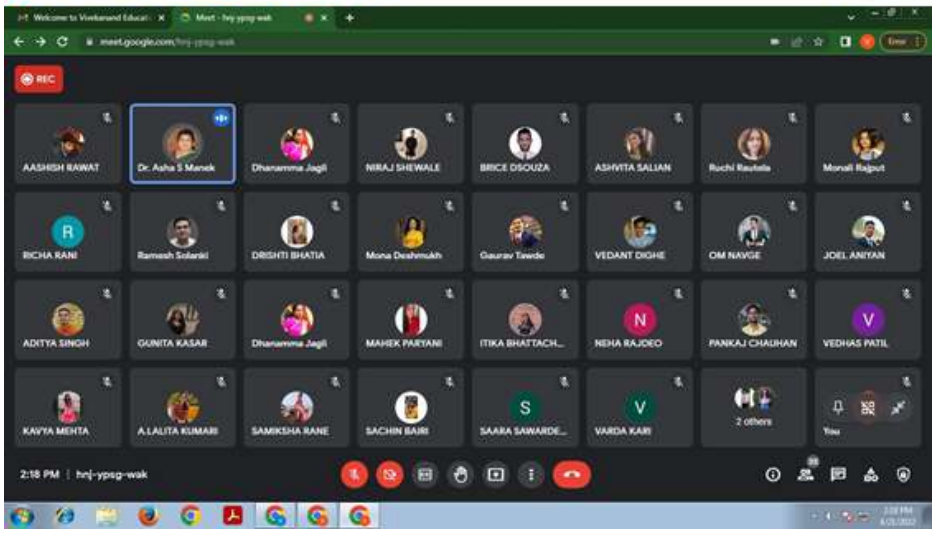
Total Participation:

- Number of Student Participants = 22
- Number of Faculty Participants = 7

**Screenshots:**


Dr. Asha S Manek is presenting
Research Forum of VESIT
In Association with VESIT-IIC, VESIT-IQAC and
Department of Master of Computer Applications (MCA)
Organizing
A E-Session On
"Future Prospects of Deep Learning"
Speaker:
Dr. Asha S Manek
Dept of CSE, RV Institute of Technology and Management, Bangalore
Date: 21st April , 2022
Time: 12:45 PM to 2:45PM
12:54 PM | hnj-ypsg-wak

Dr. Asha S Manek is presenting
Reinforcement Learning
1:20 PM | hnj-ypsg-wak


2:18 PM | hnj-ypsg-wak

**Orientation on Research/Research Papers Related Details**

Date & Time: **10th December, 2021 &11:00 am** Venue: **Online**
Conducted by: **Dr.Dhanamma Jagli** Target Audience:**FYMCA**

**About Program:**

- To meet the challenge of ensuring excellence in Master Program in Computer Applications(MCA: referred as Master of Computer Applications) education, the issue of quality needs to be addressed, debated and taken forward in a systematic manner. In addition to outcome based education,semester based credit and grading systems are also introduced to ensure quality of Master of Computer Applications (MCA) education.

**Key Points:**

- Guidance given to students about the research forum activities at the college level.
- Discussed Course Objectives and Course Outcomes of Research Paper(MCAR42)
- Discussed the guidelines for Research Paper, MCA Sem.- IV
- Briefly discussed the paper structure and the IEEE format.
- Briefly discussed the format and structure of the Research Paper presentation.
- Given brief idea about approaching various conferences and journals for paper publication.
- Discussed the importance of ethics of research and plagiarism issues.
- Students are given guidelines for Internal Assessment of research papers.
- Overall students were given the procedure of research paper publications.

**About Speaker:**

- Dr.Dhanamma Jagli, Deputy HOD,
- Department of MCA
- dhanamma.jagli@ves.ac.in

**List of Participants:**

```
00:00:20.963,00:00:23.963
Daksha gaud: Daksha Gaud

00:00:21.908,00:00:24.908
Aditi Upadhyaya: Aditi Upadhyaya

00:00:24.288,00:00:27.288
Sohail Ansari: Sohail Ansari

00:00:24.624,00:00:27.624
Kavya Mehta: Kavya Mehta

00:00:25.103,00:00:28.103
Nikhil Panjwani: Nikhil Panjwani

00:00:25.139,00:00:28.139
Kishan Chauhan: Kishan Chauhan

00:00:25.702,00:00:28.702
Devendra Yadav: Devendra Yadav

00:00:25.768,00:00:28.768
Jason Lobo: Jason Lobo

00:00:27.065,00:00:30.065
Varun Nhavkar: Varun Nhavkar

00:00:27.826,00:00:30.826
divesh kataria: Divesh Kataria

00:00:30.339,00:00:33.339
Roshan Bangera: Roshan Bangera

00:00:30.655,00:00:33.655
Priyanka Singh: Priyanka Singh
```

```
00:00:30.709,00:00:33.709
gauriiie: Gauri Dudavadkar

00:00:33.302,00:00:36.302
Rahul Verma: Rahul verma

00:00:33.837,00:00:36.837
Daksh Sawant: Daksh Sawant

00:00:42.079,00:00:45.079
Yogesh Pahuja: Yogesh Pahuja

00:00:50.999,00:00:53.999
SURAJ HIRALAL YADAV: Suraj Yadav

00:01:07.628,00:01:10.628
Panda's Hub: Saroj Panda

00:02:22.407,00:02:25.407
SURAJ HIRALAL YADAV: Suraj Yadav

00:03:43.588,00:03:46.588
Kavya Mehta: Kavya Mehta

00:04:16.805,00:04:19.805
SURAJ HIRALAL YADAV: Suraj Yadav

00:10:27.051,00:10:30.051
SURAJ HIRALAL YADAV: Maam lec will be online or offline
```

## Images:

<table>
<tr><th rowspan="2">Course Code</th><th rowspan="2">Course Name</th><th rowspan="2">Assessment (University/ Institute)</th><th>Teaching Scheme (Contact Hours)</th><th colspan="2">Credits Assigned</th></tr>
<tr><th>Presentation</th><th>Presentation</th><th>Total</th></tr>
<tr><td rowspan="2">MCAR42</td><td rowspan="2">Research Paper</td><td rowspan="2">Institute</td><td>01</td><td>01</td><td>01</td></tr>
<tr><td colspan="3">Examination Scheme</td></tr>
<tr><td colspan="2">Internal Assessment</td><td rowspan="2">Total</td></tr>
<tr><td>Mid term Presentation I</td><td>Mid term Presentation II</td></tr>
<tr><td>25</td><td>25</td><td>50</td></tr>
</table>

Department of Master of Computer Application presents e-session on Career Guidance

| | |
|---|---|
| **Title** | Career Option in Blockchain: "Get into Blockchain and Join the Revolution" |
| **Description** | To understand blockchain, career opportunities in Blockchain |
| **Speaker** | Mr. Mehul Tuteja, Blockchain developer, Rapid Innovation |
| **Date** | 29/01/2022, 02:00 PM-04:00 PM |

**Screenshot**

**Fig 1: Session in Progress Briefing About Blockchain**

# SPICE

Date: 19th February, 2022 Venue: Google Meet Incharge/Conducted by/organized by:

SPICE COMMITTEE Target Audience: SY & TYMCA

- About Program:

  - Introduction:

We are all in the last semester of our college, struggling through different things and finding our ways to complete each and every part of the curriculum in the best possible way.

Looking ahead we believe that it will be our first time to publish a Research paper as part of our college syllabus.

"Research is to see what everybody else has seen, and to think what nobody else has thought," says Albert Szent-Gyorgyi.

How to start with a research paper? How to select the topic that we are interested in? How to start with the initial phases of research?

How to study the topic? How to publish the research paper? Ohh wait, you all must have these and many questions in your mind right now.

SPICE presents to you a session on **Structuring your Research Paper.**

All SY and TY MCA students are invited for this session. Attendance

is compulsory. Attend this session and know the WHAT and HOW of

the Research paper.

Details of the session on Structuring your Research Paper.

Speaker: Prof.Dr. Dhanamma Jagli (Deputy HOD, Dept.of MCA)

  - Conclusion:

This event was conducted successfully with a good response from students.

- About Speaker:

  - Name& Designation:

    Details of the session on Structuring your Research Paper.

Speaker: Prof.Dr. Dhanamma Jagli (Deputy HOD, Dept.of MCA)


○ Affiliation:
V.E.S. Institute of Technology (V.E.S.I.T.)

○ Email:

dhanamma.jagli@ves.ac.in

# Personal Interview

**Date:** 19th March, 2022

**Venue:** Google Meet

**Incharge/Conducted by/organized by:** SPICE COMMITTEE

**Target Audience:** FYMCA

## About Program:

## Introduction:

In this view, MCA- SPICE arranged an interactive session on Personal Interview by Dr. Pooja Kundu who guided us on important points.

## Conclusion:

This event was conducted successfully with a good response from students.

## About Speaker:

**Name& Designation:**
Dr. Pooja Kundu
Associate Professor

# Personality Development

**Date:** 26th February, 2022

**Venue:** Google Meet

**Incharge/Conducted by/organized by:** SPICE COMMITTEE

**Target Audience:** FYMCA

## About Program:

## Introduction:

Personality is the conscious choice to improve one's life to become a better person and to grow as an individual. As we all know the placement season will be starting soon, having a clear and focused strategy is critically important for your chances of getting placed into a dream firm. Starting off with the journey of placements it is very important to know
about how to present yourself as an individual.

In this view, MCA- SPICE arranged an interactive session on Personality Development by Dr. Pooja Kundu who guided us on important points.

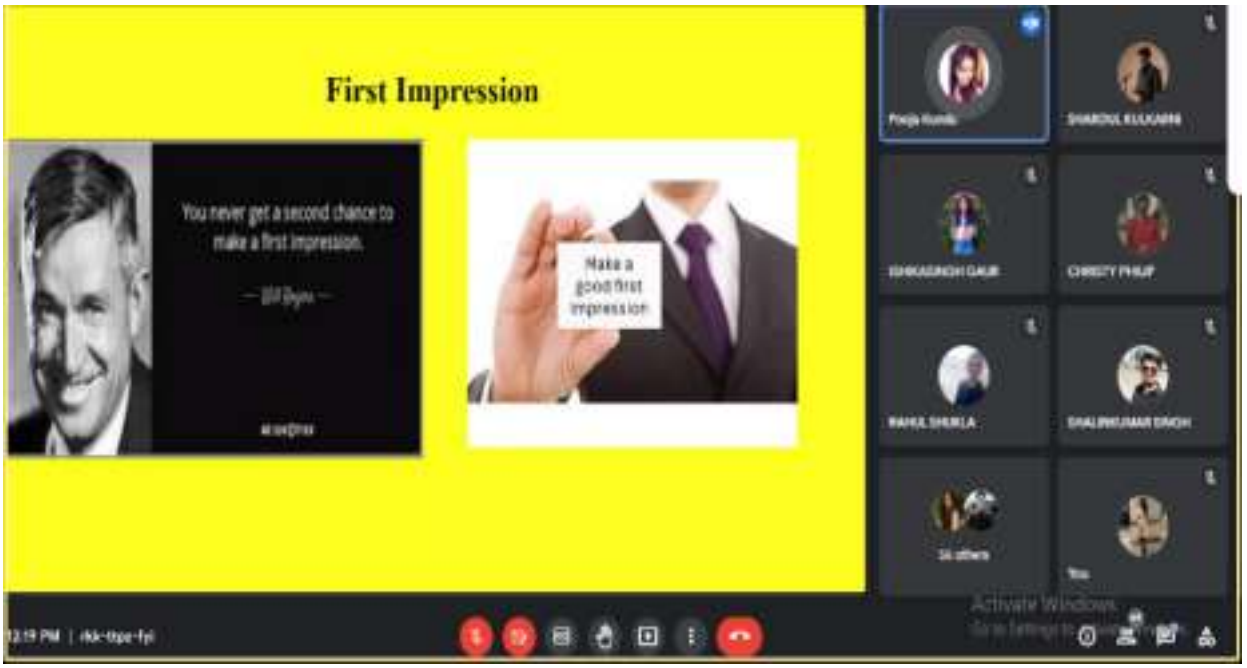
## Conclusion:

This event was conducted successfully with a good response from students.

**About Speaker:**

**Name& Designation:**

Dr. Pooja Kundu
Associate Professor
V.E.S. Institute of Technology (V.E.S.I.T.)




# Group Discussion

**Date:** 5th March, 2022

**Venue:** Google Meet

**Incharge/Conducted by/organized by:** SPICE COMMITTEE

**Target Audience:** FYMCA

**About Program:**

**Introduction:**

In this view, MCA- SPICE arranged an interactive session on Group Discussion by Dr. Pooja Kundu who guided us on important points.

**Conclusion:**

This event was conducted successfully with a good response from students.

## About Speaker:

**Name& Designation:**

Dr. Pooja Kundu
Associate Professor
V.E.S. Institute of Technology (V.E.S.I.T.)

### e-session on Universal Human Values

| | |
|---|---|
| **Title** | Universal Human Values - Understanding Basic Human Aspiration : The Human Goal |
| **Description** | To understand basic human aspiration, basics of happiness, vision about clear aspiration |
| **Speaker** | Dr. Shiv Kumar Goel, HOD MCA Department, UHV Coordinator VESIT |
| **Dates** | 22/01/2022, 02:00 PM-04:00 PM |

### Screen Shot

**Fig 1: Session in Progress Briefing About Aspiration**

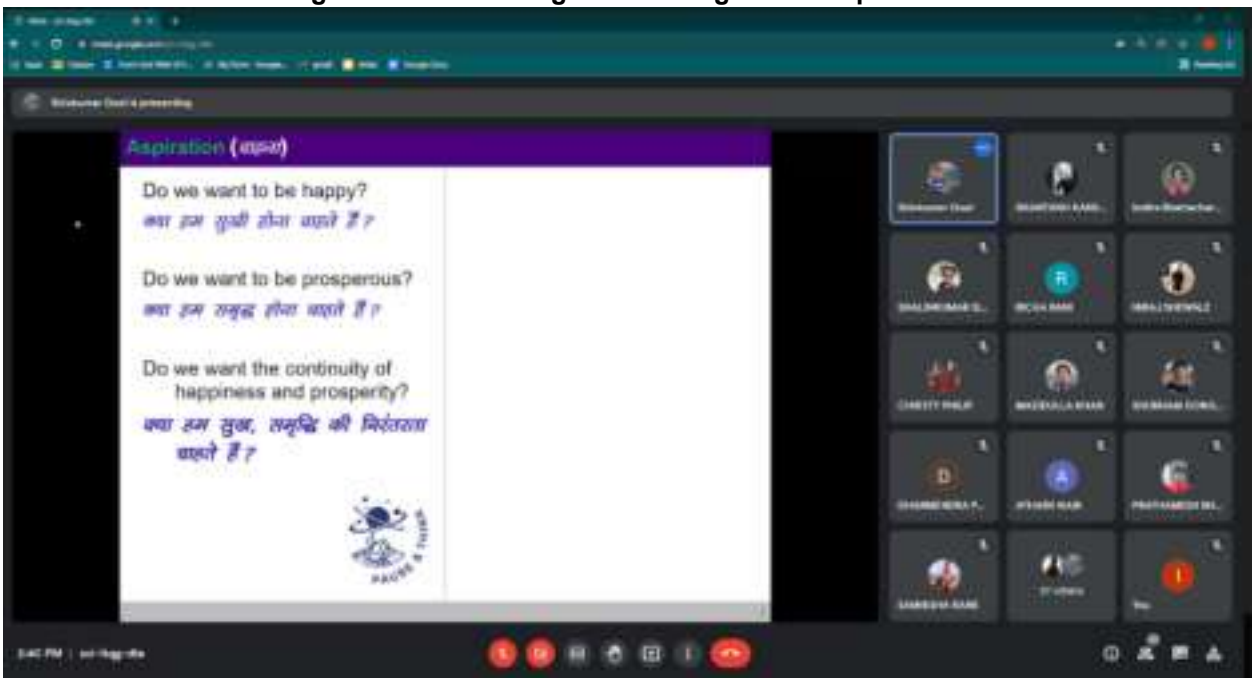



**Fig2: Think and Pause**

# MCA IIC

E-session on Design Thinking and its Applications was conducted on 14th May 2022 from 11am to 12:00pm via google meet. Dr. Dhanamma Jagli Innovation Ambassador VESIT-IIC, Mumbai was the speaker for the session. The session covered the basic understanding of Design Thinking. Participants were able to analyze differentParticipants were able to analyze different stages of design thinking. Participants can use design thinking extensively to improve the quality of education.Many queries from the participants were attended by the speaker. The session was very well received by all of us. Master Of Ceremony(MOC) was Gunita Kasar, Department of Master of Computer Applications.

Vivekanand Education Society's
Institute of Technology
Design Thinking &
Its Applications
Dr. Dhanamma Jagli
Innovation Ambassador
VESIT-IIC, Mumbai.

# Programme Assessment Committee (PAC)

## PAC (2020-21/ ODD SEM)

**Call to order**

A meeting of Programme assessment committee(PAC), Department of MCA was held Online on 14 January 2022 in online mode using Google meet.

**Action items:**

The committee had a discussion on the Result Analysis submitted by the Result Analysis Team for all the subjects (Sem I, III, V).

- It has been observed that results of all the subjects of all 3 semesters are good.
- For subjects such as Advanced Java and Advanced Database Management System, students can be given tasks to implement what they have learned.
- Since this Examination was **pandemic hit , exam was conducted in online mode** ● In order to enhance the grades, the committee has suggested conducting remedial lectures as well as practical examples, case studies, etc for some subjects.

**E-session on Entrepreneurship** as a career was conducted on 4th January 2022 from 3pm to 4:30 pm via google meet and was also casted on youtube. Dr. K. Ramakrishna, Professor of IT, Innovation Ambassador, Convenor IIC & Director R&D cell, Stanley College of Engineering & Technology for Women, Hyderabad, was the speaker for the session. The session covered the skills required for an Entrepreneur, also distinguishing between a Business and Entrepreneur role, understanding qualities of successful entrepreneurs, understanding Entrepreneurship Process Cycle, how to build Entrepreneurial Mindset. Many queries from the participants were attended. The session was very well received by all the participants. Master Of Ceremony(MOC) was Prof. Vaishali Gatty, Department of Master of Computer Applications.

# Vivekanand Education Society's Institute of Technology

## Department of Electronics Engineering

1. Faculty Contribution
    - 1.1. Courses Conducted by faculty members
    - 1.2. Courses attended by faculty member
    - 1.3. Research Forum Activities
    - 1.4. Research paper published
    - 1.5. Research Grants
    - 1.6. Interaction with Outside World
2. Student Activities
    - 2.1. Student Achievements
        - 2.1.1. Academic Performance
        - 2.1.2. Placement Activities
        - 2.1.3. Higher Studies
    - 2.2. Skill Development Activities
    - 2.3. Co-curricular Activities
    - 2.4. Extracurricular Activities
    - 2.5. Alumni Interaction

### 2.5.1. V-REACH 21: An Alumni Engagement Initiative

## 2.6. Internships

**Vivekanand Education Society's Institute of Technology Department of Electronics Engineering**

**Academic Year 2021-22 (Odd Semester)**

**Department Report**

Various activities conducted in the Department of Computer Engineering in the Odd Semester of the academic year 2021-22 have been categorized as mentioned below:

1. Faculty Contributions

1.1. Courses Conducted / Organised by faculty members

| Sr. No. | Conducted /Organized By | Course Description | Organized by | From Date | To Date | Number of Days |
|---|---|---|---|---|---|---|
| 1 | Dr. Rajani Mangala | AICTE Sponsored Online Short Term Training Program (STTP) Series on "Blockchain & Its Applications Phase-III" | Department of IT In Association with Department CMPN and MCA - VESIT | 12/07 /2021 | 17/07 /2021 | 1 Week |
| 2 | Mr. Abhishek Chaudhari | The AICTE Learning and Training Academy (ATAL) sponsored Faculty Development Program (FDP) on "Cyber Security" | VESIT Renaissance Cell (VRC) in association with Dept of Electronics Engineering, MCA and VESIT-IIC | 05/07 /2021 | 09/07 /2021 | 1 Week |

## 1.2. Courses attended by faculty members

| Sr. No. | Attended By | Course Description | Organized by | From Date | To Date | Number of Days |
|---|---|---|---|---|---|---|
| 1 | Mrs. Anushree Prabhu | The AICTE Learning and Training Academy (ATAL) sponsored Faculty Development Program (FDP) on “Cyber Security” | VESIT Renaissance Cell (VRC) in association with Dept of Electronics Engineering, MCA and VESIT-IIC | 05/07/ 2021 | 09/07/ 2021 | 1 Week |
| 2 | Yogesh Pandit | One week online faculty development program on "Electric Vehicles" | VESIT Renaissance Cell (VRC) in association with Dept of EXTC , Instrumentation and VESIT-IIC | 7/5/20 21 | 7/9/20 21 | 1 week |
| 3 | Dipti Jigar Karani | PCS Orientation | RAIT | 7/28/2 021 | 7/28/2 021 | 1 day |
| 4 | Abhijit Shete | Electric Vehicles | VESIT Renaissance Cell (VRC) in association with Dept of EXTC , Instrumentation and VESIT-IIC | 7/5/20 21 | 7/9/20 21 | 1 week |
| 5 | Dr. T.Rajani Mangala | IoT based Condition Monitoring | Veermata Jijabai Technological Institute VJTI Mumbai. | 06/12/ 2021 | 10/12/ 2021 | 1 week |
| 6 | Mrs. Kavita Tewari | Current Industry and Research Trends and its Impact on Atmanirbhar Bharat | Department of Electronics in Association with Research Forum VESIT | 15/12/ 2021 | - | 1 Day |
| 7 | Mrs. | Current Industry and | Department of | 15/12/ | - | 1 Day |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Anushree Prabhu | Research Trends and its Impact on Atmanirbhar Bharat | Electronics in Association with Research Forum VESIT | 2021 | | |
| 8 | Mrs.Dipti Karani | Current Industry and Research Trends and its Impact on Atmanirbhar Bharat | Department of Electronics in Association with Research Forum VESIT | 15/12/2021 | - | 1 Day |
| 9 | Mrs.Amrita Jhaveri | Current Industry and Research Trends and its Impact on Atmanirbhar Bharat | Department of Electronics in Association with Research Forum VESIT | 15/12/2021 | - | 1 Day |
| 10 | Mr.Abhishek Chaudhari | Current Industry and Research Trends and its Impact on Atmanirbhar Bharat | Department of Electronics in Association with Research Forum VESIT | 15/12/2021 | - | 1 Day |
| 11 | Mr. Yogesh Pandit | Current Industry and Research Trends and its Impact on Atmanirbhar Bharat | Department of Electronics in Association with Research Forum VESIT | 15/12/2021 | - | 1 Day |
| 12 | Mr. Abhijit Shete | Current Industry and Research Trends and its Impact on Atmanirbhar Bharat | Department of Electronics in Association with Research Forum VESIT | 15/12/2021 | - | 1 Day |
| 13 | Mrs. Sarika Kuhikar | Current Industry and Research Trends and its Impact on Atmanirbhar Bharat | Department of Electronics in Association with Research Forum VESIT | 15/12/2021 | - | 1 Day |
| 14 | Dr. Asawari Dudwadkar | Digital Communication orientation | RAIT , NERUL | 2/8/2021 | 2/8/2021 | 1 Day |

| | | | | | | |
|---|---|---|---|---|---|---|
| 15 | Dr. Abhay Kshirsagar | Outcome Based Teaching, Assessment and Evaluation | NBN Sinhgad School of Engineering, Puneand Inpods Inc. USA | 02/08/2021 | 04/08/2021 | 3 Days |
| 16 | Mrs.Dipti Karani | V-Reach 21 "The path towards Embedded System Engineer " | VES Institute of Technology | 9/08/2021 | | 1 Day |
| 17 | Mrs. Amrita Jhaveri | V-Reach 21 "The path towards Embedded System Engineer " | VES Institute of Technology | 9/08/2021 | | 1 Day |
| 18 | Mr. Yogesh Pandit | V-Reach 21 "The path towards Embedded System Engineer " | VES Institute of Technology | 9/08/2021 | | 1 Day |
| 19 | Mr. Abhishek Chaudhari | V-Reach 21 "The path towards Embedded System Engineer " | VES Institute of Technology | 9/08/2021 | | 1 Day |
| 20 | Mrs.Dipti Karani | V-Reach 21 “ "Entrepreneurship Pathways" | VES Institute of Technology | 26/08/2021 | | 1 Day |
| 21 | Mrs. Amrita Jhaveri | V-Reach 21 “ "Entrepreneurship Pathways" | VES Institute of Technology | 26/08/2021 | | 1 Day |
| 22 | Mr. Abhishek Chaudhari | V-Reach 21 “ "Entrepreneurship Pathways" | VES Institute of Technology | 26/08/2021 | | 1 Day |

## 1.3. Research Forum Activities

**1. Event: Current Industry and Research Trends and its Impact on Atmanirbhar Bharat**

Organized by:
VESIT Research Forum In Association with VESIT-IIC,VESIT IQAC and Department of Electronics Engineering

**Speaker**: Dr. (Mrs.)Anita Diwakar
Ph.D EducationTechnology,IIT Bombay

**Date: 15th December 2021**
**Time: 2:00PM to 3:30PM**

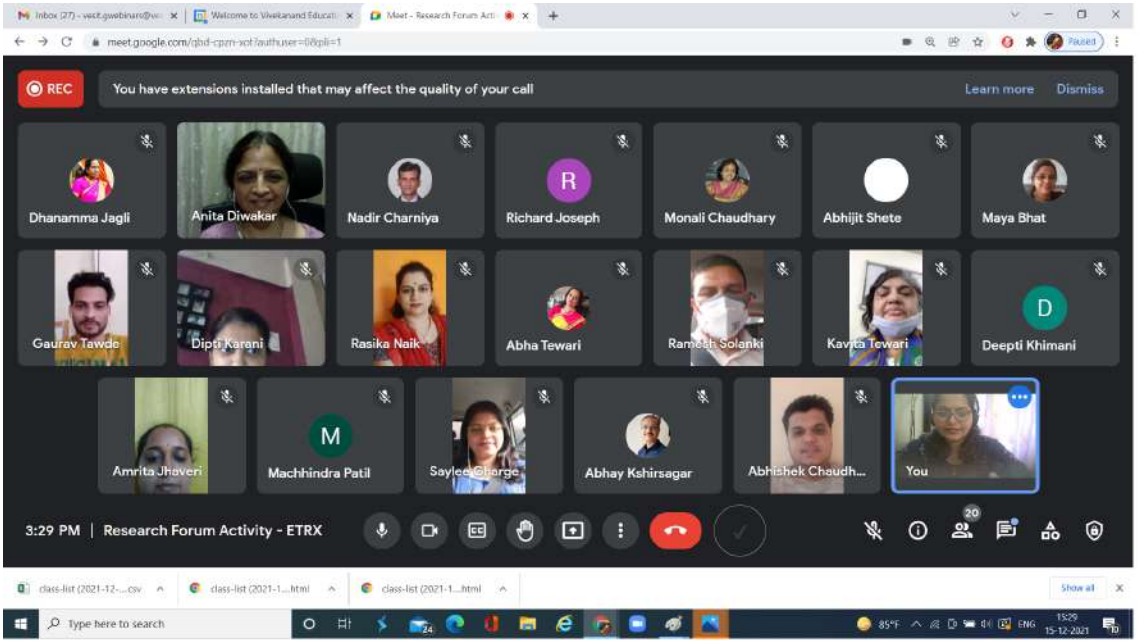
No of Participants Attended:25

On 15th December 2021 VESIT Research Forum In Association with VESIT-IIC,VESIT IQAC and Department of Electronics Engineering organized a session on topic “Current Industry and Research Trends and its Impact on Atmanirbhar Bharat '' by Dr Anita Diwakar.

The session gave insight regarding Educational Technology and its importance in current situation.Various factors based on National and International factors are very discussed.Various Research Trends very discussed.Role of Educational Technology in the National Educational Policy were discussed.Technologies such as Content Authoring Tools,ID tools,Simulations,Visualizations,virtual lab can be integrated into a teaching learning environment to help the process of achieving teaching goals.

Various funding agencies for major grants and government policies were discussed.And by using these resources we can be Atma Nirbhar Bharat.

Session was very well received by the participants.It was Interactive sessions followed by question and answers.Around 25 participants attended the session.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Learn more
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Anita Diwakar
Nadir Charniya
Richard Joseph
Monali Chaudhary
Abhijit Shete
Maya Bhat
Gaurav Tawde
Dipti Karani
Rasika Naik
Abha Tewari
Ramesh Solanki
Kavita Tewari
Deepti Khimani
Amrita Jhaveri
Machhindra Patil
Saylee Gharge
Abhay Kshirsagar
Abhishek Chaudh...
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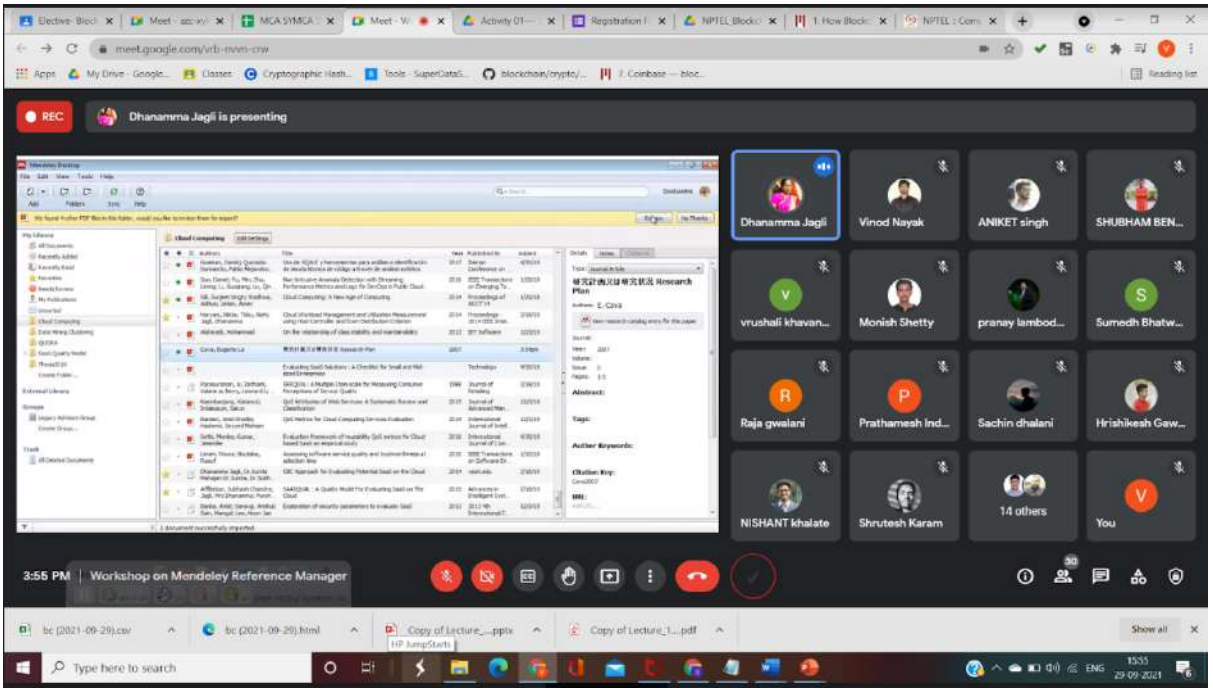
3:29 PM | Research Forum Activity - ETRX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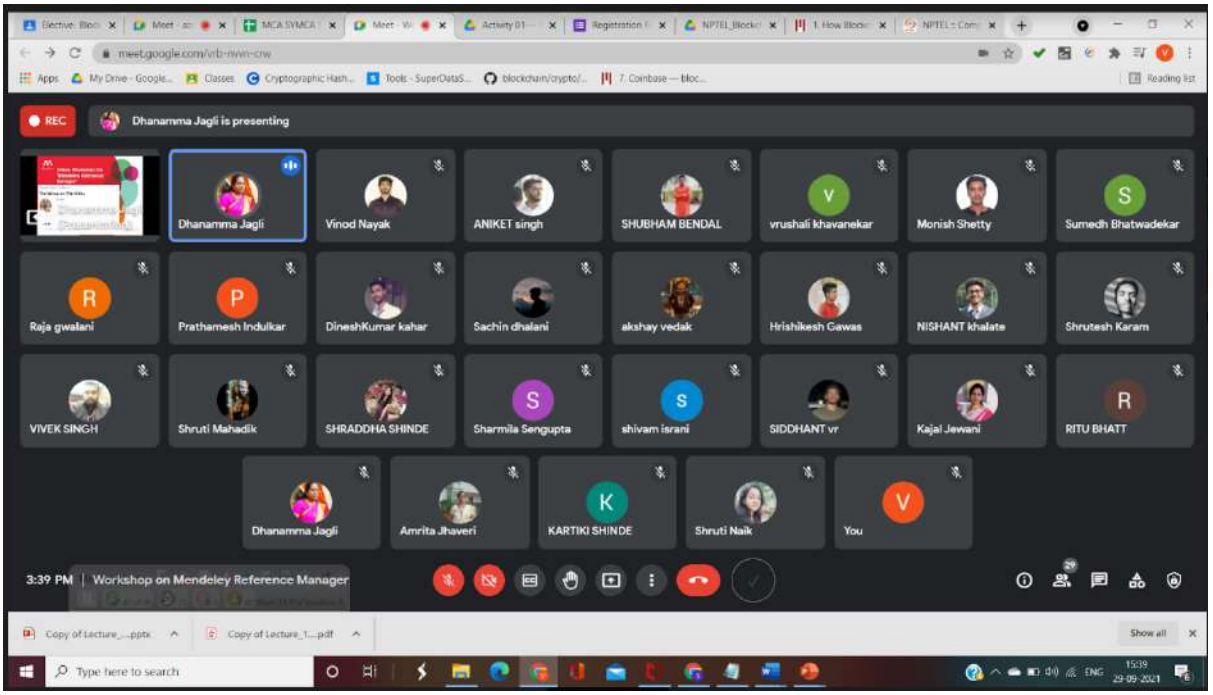
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Raja gwalani
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Shrutesh Karam
VIVEK SINGH
Shruti Mahadik
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Dhanamma Jagli
Amrita Jhaveri
KARTIKI SHINDE
Shruti Naik
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3:39 PM | Workshop on Mendeley Reference Manager
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## 1.4. Research paper published

1. Mrs. Kavita Tewari, Raj Talshikar," Analysing the effect of Hyperparameters on Convolutional Neural Network and finding optimal Solution with a limited Dataset" IEEE 2021 International Conference on Advances in Computing, Communication and Control (ICAC3'21) 7thEdition(3rd and 4th December 2021)

2. Mrs. Kavita Tewari,Aaryan Agrawal, Suyog Sawant. " COVID-19 prediction and analysis using neural Network and Pearson correlation", IEEE 2021 International Conference on Advances in Computing, Communication and Control (ICAC3'21) 7thEdition(3rd and 4th December 2021)

3. Kavita Tewari and R.K. Kulkarni, "Locating Cracks in 1050 Aluminium Alloy by Digital Image Correlation'', Samriddhi –A Journal of Physical Sciences, Engineering and Technologies. Volume 13, Issue 2, December 2021, ISSN: 2229-7111 (Print) and ISSN: 2454-5767 (Online) pp 104-108.

4. Kavita Tewari and R. K. Kulkarni, "Statistical Analysis of Estimated Displacement Measurements using Digital Image Correlation", ADBU-Journal of Engineering Technology. Volume 10, Issue 4, December 2021, ISSN:2348-7305. 0100401613(5PP)1-5.

5. Kavita Tewari and R.K. Kulkarni, "Application of Digital Image Correlation Technique to Study Strain Localization in Fe-Ni-W Alloy", Third International Conference on Advances in Electrical and Computer Technologies 2021 (ICAECT 2021) October 29-30, 2021, (Springer Conference).

6. Jayamala Adsul, "Design of Versatile Reconfigurable ADC for Wide Range of Resolution and Conversion Time", Second International Conference on Advances in Electrical and Computer Technologies 2021, 16th July 2021

7. Jayamala Adsul ,"A New Method of Reconfigurable ADC with Automatically Optimized Parameters", 3rd International conference on Communication, Computing and Electronics Systems ICCCES 2021, 9th Oct 2021

8. Jayamala Adsul, Harsh Sawardekar, "Reconfigurable Successive Approximation Register ADC and SAR-Assisted Pipeline ADC" SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology, 12th September 2021.

9. Rajani Mangala ,Amogh Gajare; Yogesh Tembe; AmeySonje; Sayli Sawant; "CircuitScribe: Block Diagram based Circuit Simulation Application", IEEE Xplore, 2021 IEEE Mysore Sub Section International Conference (MysuruCon), Date of Conference: 24-25 Oct. 2021 Date Added to IEEE Xplore: 22 December 2021

10. Mrs. Naveeta Kant. "Effect of Variation of Radius of Ground Plane on the Performance of a Water DRA",2021 2nd Global Conference for Advancement in Technology (GCAT), 1 and 3rd October 2021.

11. Dr. Abhay Kshirsagar, “IoT based smart lock with predictive maintenance”, THE TWELFTH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES July 6 - 8, 2021, Indian Institute of Technology - Kharagpur.

## 1.5. Research Grants

| Sr. No. | Name of Faculty | Title of Project | Amount | Sanctioning Organization |
|---|---|---|---|---|
| 1 | Mrs. Anushree Prabhu | Water Monitoring System using IoT | Rs.20,000 | University of Mumbai |

## 1.6. Interaction with Outside World

### Conference / Journal Reviewer

| Sr. No. | Name of Faculty | Conference / Journal Description | Review Date | Number of Papers |
|---|---|---|---|---|
| 1 | Mrs. Kavita Tewari | ICAC3'21 | 28/10/2021 | 2 |
| 2 | Dr. Rajani Mangala | ICAC3'21 (Member of Program Committee) | 24/09/2021 | 4 |

### Department of Electronics is recognized as IIRS under Indian Space Research Organization, Department of Space, Govt. of India

About IIRS

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organization, Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GPS Technology for Natural Resources, Environmental and Disaster Management, Founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia.

It functions as a constituent Unit of Indian Space Research Organization (ISRO), Department of Space, Government of India. While nurturing its primary endeavor to build capacity among the user community by training mid-career professionals, the Institute has enhanced its capability and evolved many training & education programmes that are tuned to meet the requirements of various target groups, ranging from fresh graduates to policy makers including academia.

Remote Sensing and Geoinformation Science have become key technology tools for the collection, storage and analysis of spatially referenced data for resource planning and decision making. Today it is the backbone to many decision-making systems and location-based services emerging in the New Information Economy. Planners and decision makers' that utilize these Geo-spatial technologies for a variety of applications in forestry, mining, water resources, environmental analysis as well as the infrastructure.The training and education programmes at IIRS includes the short duration customized courses, PG Diploma, Master’s Degree (M.Tech and M.Sc.) in various

discipline IIRS received two national awards for excellence in training for outreach and e-learning programme by the Department of Personnel & Training (DoPT), Govt. of India in collaboration with United Nations Development Programme (UNDP).

Objectives

To provide an opportunity for individuals to learn Remote Sensing and Geoinformation Science for the benefit of their professional career. This basic course in Remote Sensing and Geoinformation Science will allow graduates to build their knowledge and practical expertise in RS and GIS technologies with independent study and project experience at the certificate level. To provide considerable flexibility allowing students to quickly gain the RS and GIS knowledge and qualification they need today, and to add to their credentials. Students develop a capacity for independent research, problem analysis and solution.To empower students undertaking this course to develop their knowledge and understanding through formal coursework and a program of independent reading. It has a practical component and a project associated with it to develop learners' research, analytical and problem-solving skills.

To enhance the outreach of geospatial technologies and its applications, IIRS has initiated its interactive distance mode of capacity building under IIRS outreach programme in 2007 using online learning platforms. ·Presently the courses are delivered through two modes:

- Live and Interactive classroom based courses
- e-Learning based online courses.
- Course Fee: NIL (There is no Course fee for live and interactive course)

Some useful links for more details

1) Official website: IIRS e-Learning (Basic Courses are available here)

2) IIRS Documentary: https://youtu.be/-by57uKkwa8

3) Official Youtube Channel: https://www.youtube.com/user/edusat2004

4) Careers in GIS and Remote Sensing:

https://www.stoodnt.com/blog/careers-in-gis-and-remote-sensing/

5) Course updates details will be available on: https://www.iirs.gov.in/EDUSAT-News

6) Course Registration link: https://elearning.iirs.gov.in/edusatregistration/student

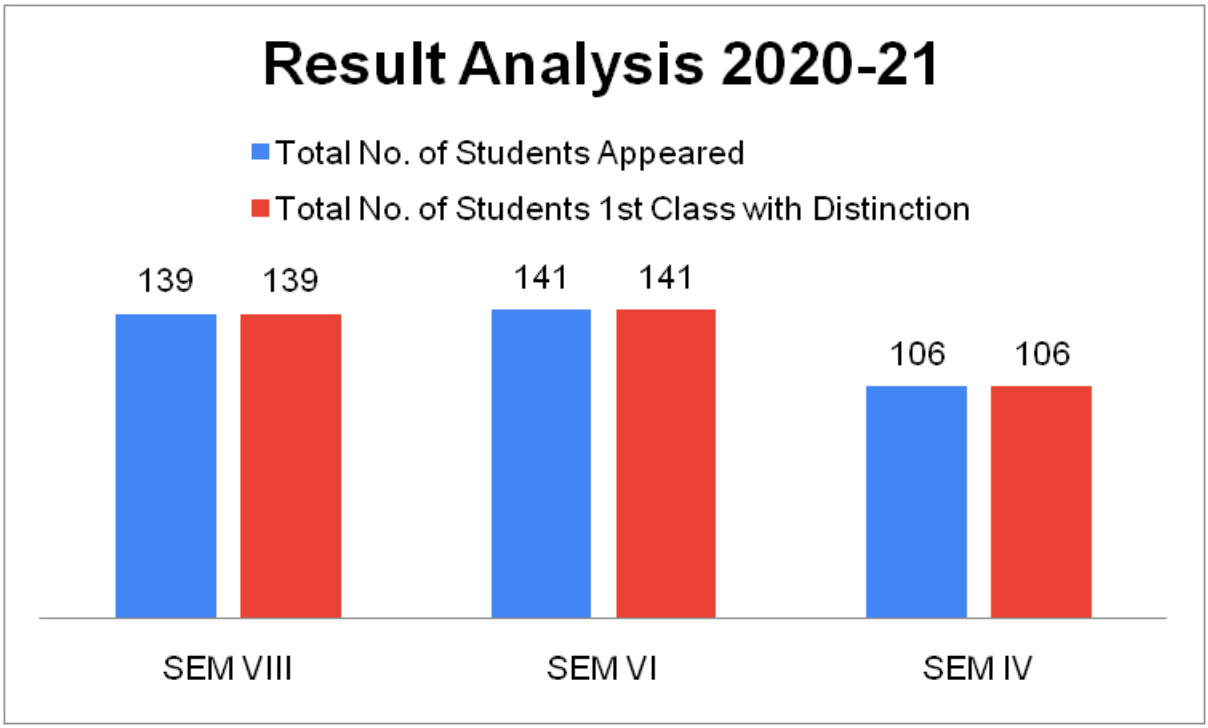
Following Courses / Workshops are arranged under this Scheme

1. Geoinformatics for Biodiversity Conservation Planning" from December 06-17, 2021.
2. Geospatial Modeling Driven Urban Hazard and Risk Analysis" on December 21, 2021.
3. Overview of Geoprocessing using Python" is from January 17-28, 2022.

## 2. Student Activities

### 2.1. Student Achievements

#### 2.1.1. Academic Performance



## 2.1.2. Placement Activities

### Highlights

★ **16 students have got the dream job offers**
★ **Highest salary offered is (10+1) LPA**
★ **18 companies have visited the campus till date for the Electronics Engineering stream.**

A) Placement Activities conducted for year 2021-22

i. **Placement Sessions**

| Sr. No. | Date | Time | Topic | Resource Person | Class | Batch | Mode of conduct |
|---|---|---|---|---|---|---|---|
| 1 | 11 Aug 2021 | 4:30 - 6:30 PM | IT for Non IT | Mr. Amit singh | D16A & D16B | 2018-2022 | Online |
| 2 | 30 Sep 2021 | 7:00 pm onwards | Mini Project - A Stepping Stone | Prof. A Nagananda , TPO, VESIT | SE D6 | 2020-2024 | Online |
| 3 | 4 Oct 2021 | 5:30 pm to 6:30 pm | Resume writing and skill set analysis | Prof. A Nagananda , TPO, VESIT | TE D11 A and D11B | 2019-2023 | Online |
| 4 | 5 Oct 2021 | 2:00 pm onwards | Eligibility,Employability and Resume building | Prof. A Nagananda , TPO, VESIT | SE D6 | 2020-2024 | Online |
| 5 | 6 Oct 2021 | 3:15 pm onwards | Steering the interview | Prof. A Nagananda , TPO, VESIT | TE D11A and D11 B | 2019-2023 | Online |

## ii.Finishing School Activity

| Department Of Electronics | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Placement Activity - Finishing School | | | | | | | | |
| For BE D16 A & D16 B - AY 2021-22 | | | | | | | | |
| | | | | | | | | |
| **Sr.no.** | **Date** | **Day** | **Timing** | **Topic/Subject** | **speaker** | **organization** | **mode** | **No. Attendees** |
| 1 | 12 July 2021 | Monday | 1:30-2:00 PM | Introduction about Finishing School and welcome note | | ETRX, VESIT | online | No. of Attendants: 96<br>D16A: 46<br>D16B: 41<br>Faculty: 8<br>Speaker: 1 |
| | | | | Address by DHOD | Mrs. Naveeta Kant | Deputy HOD & Associate Professor , ETRX,VESIT | online | |
| | | | | Importance of FInishing School | Mr. A. Nagananda | TPO, VESIT | online | |
| | | | 2- 3:30 PM | Digital Linear Integrated Circuits | Mrs. Jaymala Adsul | Assistant Professor , ETRX,VESIT | online | |
| | | | | | | | | |
| 2 | 13 July 2021 | Tuesday | 2-3:30 PM | Database management System | Dr. Abhay Kshirsagar | Associate Professor , ETRX,VESIT | online | No. of Attendants: 91<br>D16A: 42<br>D16B: 45<br>Faculty: 3<br>Speaker: 1 |
| | | | | | | | | |
| 3 | 14 July 2021 | wednesday | 2-3:30 PM | Interview Preparation | Mr. V.M.Joshi | Ex- BARC, R & D, VESIT | online | No. of Attendants: 88<br>D16A: 42<br>D16B: 43<br>Faculty: 2<br>Speaker: 1 |
| | | | | | | | | |
| 4 | 15 July 2021 | Thursday | 2-3:30 PM | Digital Circuit Design | Mr. Abhishek Choudhari | Assistant Professor , ETRX,VESIT | online | No. of Attendants: 71<br>D16A: 38<br>D16B: 30<br>Faculty: 2 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Speaker: 1 |
| | | | | | | | | |
| 5 | 16 July 2021 | Friday | 2-3:30 PM | Communicatio n Networks | Dr. Mrs. T. Rajani Mangala | Professor, ETRX, VESIT | online | No. of Attendants: 76<br>D16A: 36<br>D16B: 37<br>Faculty: 2<br>Speaker: 1 |
| | | | | | | | | |
| 6 | 17 July 2021 | Saturday | 11-11:30 AM | Alumni Interaction | Mr.Rahul Nair | Technical Consultant , Microsoft | online | No. of Attendants: 72<br>D16A: 32<br>D16B: 35<br>Faculty: 2<br>Speaker: 3 |
| | | | 11:30- 12 PM | Alumni Interaction | Ms. Anuja Merwade | Data Engineer, Quantiphi Analytics | online | |
| | | | 12-12:30 PM | Alumni Interaction | Mr. Omkar Tulaskar | Firmware Developer, ION Energy Inc. | online | |
| | | | | | | | | |
| 6 | 17 July 2021 | Saturday | 1:00 - 2:00 PM | Online Test | Mrs. Amrita Jhaveri | Assistant Professor , ETRX,VESIT | online | 79 students appeared for test |

# Finishing School Report

Online finishing school, one of the placement activities, is organized by the placement team of the Department of Electronics Engineering. The objective of the online finishing school is to revise fundamentals of main Electronics Engineering subjects which includes **Digital Linear Integrated Circuits, Digital Circuit Design, Database Management Systems and Communication Networks, etc.** There are also sessions on **interview preparation and alumni interaction.**

The finishing school activity was conducted on 12 July 2021 from 1:30 pm onwards. Mrs. Sarika Kuhikar, Placement In-charge, Department of Electronics Engineering delivered an introductory speech and briefed the students about the various sessions of finishing school. The welcome address was given by Mrs. Naveeta Kant, Deputy HOD, Department of Electronics Engineering. Mr. A. Nagananda, Training and Placement Officer, VESIT briefed the students about the importance of finishing school. He also explained to students how they should work on themselves to shape as better students and employees.The introductory session finished at 2:30 pm.

- **Day 1 :** The session started on 12 July 2021 at 2:30 pm. The speaker of the first session was Mrs. Jaymala Adsul, Assistant Professor, Department of Electronics Engineering. The objective of the session was to revise the concepts of Digital Linear Integrated Circuits. During the session, doubts of the students were cleared by the faculty. Vote of thanks for the session proposed by Mrs. Sarika Kuhikar, Placement In-charge Department of Electronics Engineering.

- **Day 2**: The session started on 13 July 2021 at 2.00 pm.The speaker of the session was Dr. Abhay Kshirsagar, Associate professor, Department of Electronics Engineering. The objective of the session was to revise the concepts of Database management System. During the session, doubts of the students were cleared by the faculty. Vote of thanks for the session proposed by Mrs. Amrita Jhaveri, Assistant Professor, Department of Electronics Engineering.

- **Day 3 :** The session on interview preparation was conducted 14 July 2021 at 2.00 pm. The speaker for the session was Mr. V.M.Joshi, faculty R & D, VESIT. The speaker briefed on the importance of technical knowledge of domain subjects in technical interviews. He also touched upon the importance of personality while giving the interviews. The session was followed by questions and answers.

- **Day 4 :** The session started on 15 July 2021 at 2.00 pm. The speaker of the session was Mr. Abhishek Choudhari, Assistant Professor, Department of Electronics Engineering. The objective of the session was to revise the concepts of Digital Circuit Design. The session was followed by doubt solving of the students.

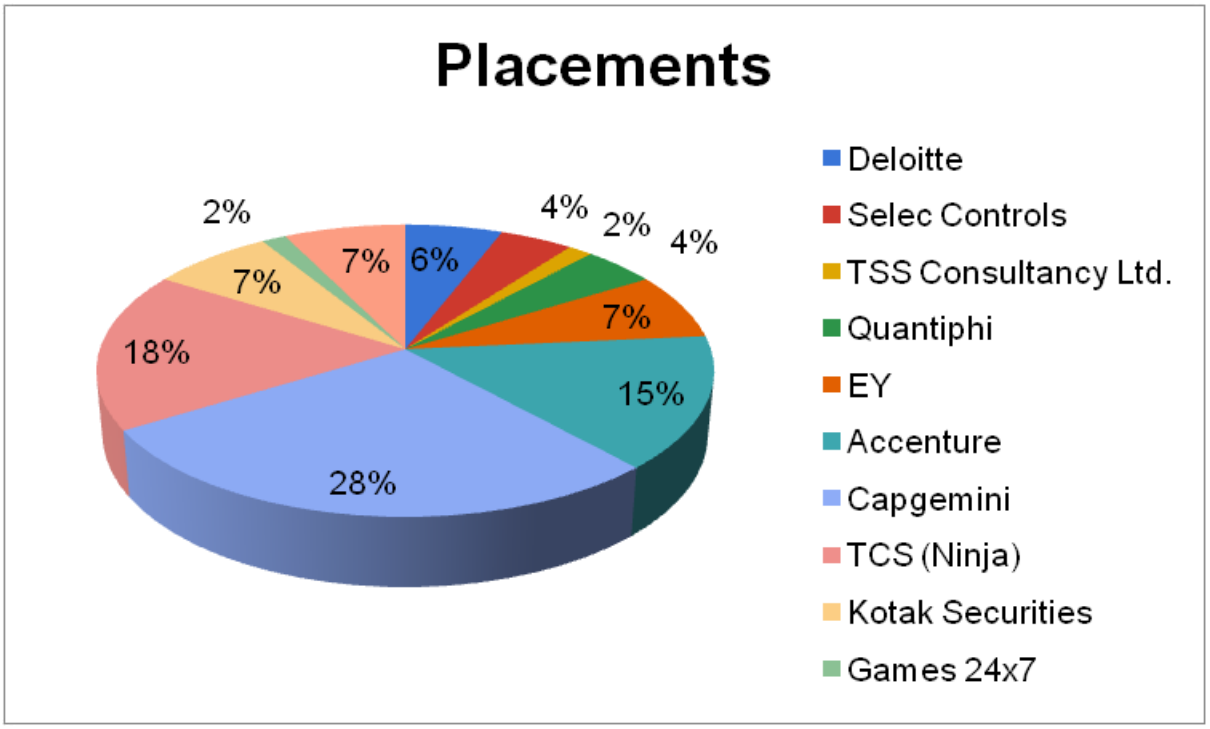
- **Day 5 :** The session started on 16 July 2021 at 2.00 pm. The speaker for the session was Dr. T. Rajani Mangala, Professor, Department of Electronics Engineering. The objective of the session was to revise the concepts of Communication Networks. Post session, the speaker addressed the doubts from the students.

- **Day 6:** Last day of the session started on 17 July 2021 at 11.00 am. The speakers for the session were Mr. Rahul Nair, Ms. Anuja Merwade and Mr. Omkar Tulaskar, alumni of Department of Electronics Engineering. The objective of the session was alumni interaction and an online test. All the speakers shared their experiences about interviews and their respective companies. After the session, Mrs Kavita Tewari, HOD, Department of Electronics Engineering encouraged the students on effectively facing the interviews. An online test was scheduled for the students. Mrs. Amrita Jhaveri, Assistant Professor, Department of Electronics Engineering proposed vote of thanks.

All the sessions were very informative for the students as it helped them to revise the main subjects and improve their technical knowledge, clear their doubts and prepare better for the upcoming interviews and placement opportunities. All the speakers were very insightful and addressed all the doubts of the students.

B) Placement Statistics for year 2021-22 ( Till Dec 2021)

| Sr. No. | Company Name | Number of Students Placed | Salary (Lacs/Annum) |
|---|---|---|---|
| 1 | Deloitte | 4 | 7.6 LPA |
| 2 | Selec Controls | 3 | 3.5 LPA |
| 3 | TSS Consultancy Ltd. | 1 | 5 LPA |
| 4 | Quantiphi | 3 | 8.5 LPA |
| 5 | EY | 5 | 5.5 LPA |
| 6 | Accenture | 10 | 4.5 LPA |
| 7 | Capgemini | 19 | 4 /7.5LPA |
| 8 | TCS (Ninja) | 12 | 3.36 LPA |
| 9 | Kotak Securities | 5 | (8+2) LPA |
| 10 | Games 24x7 | 1 | (10+1)LPA |
| 11 | NSEIT | 5 | 4.5/6 LPA |



**Summary:**

| | |
|---|---|
| Total Strength | 141 |
| Strength (Eligible & Interested) | 130 |
| Jobs Offered | 68 |
| Total Placed | 59 |
| Second (or More) Jobs | 9 |
| % Offered (Total Strength) | 48.22 |
| % Offered (Eligible) | 52.3 |
| % Placed (Eligible) | 45.38 |
| Minimum Salary | 3.36 LPA |
| Maximum Salary | (10+1) LPA |
| No of Companies visited | 18 |

## 2.1.3. Higher Studies

Records of higher studies for the AY 2020-2021

| Sr. No. | Name of students enrolling into higher education | Name of institution joined | Name of program admitted to |
|---|---|---|---|
| 1 | Tanmay Kothale | University Of Colorado, Boulder | Embedded Systems Engineering |
| 2 | Varun Anand | USC University Of Southern California | Masters In Electrical Engineering |
| 3 | Anushka Rajwade | Texas A&M University | Master Of Science In Electrical Engineering |
| 4 | Kalyani Niwrutti Ingole | Arizona State University | Computer Engineering (Electrical Engineering) (MS) Program |

## 2.2. Skill Development Activities

**Special talk on 'Mini Project - Design Thinking'**

A session on **"Mini Project - Design Thinking "** was organized by **Department of Electronics Engineering** on **2nd September 2021 Thursday from 2:00 pm- 4:00 pm .** The session was conducted for second year and third year students on online Platform : Google Meet by Mr. Anurag Chugh, Senior System Software Engineer, Tarana Wireless**.** Dr. Abhay Kshirsagar, Mrs. Dipti Karani, Mr. Abhishek Chaudhari jointly coordinated the event.
Separate Google Meet links were created from SE and TE students.

**Joining link :** for TE https://meet.google.com/vjd-jaeg-eoa
for SE https://meet.google.com/jax-wsfe-sej

Around 82 students from Third year, 32 students from second year along with few staff members attended the session.

This session gave an insight for the students to get new ideas for the selection, design and execution of their mini projects this academic year. Mr. Anurag Chugh explained various aspects of project selection as per the subjects already covered and based on different resources available online.

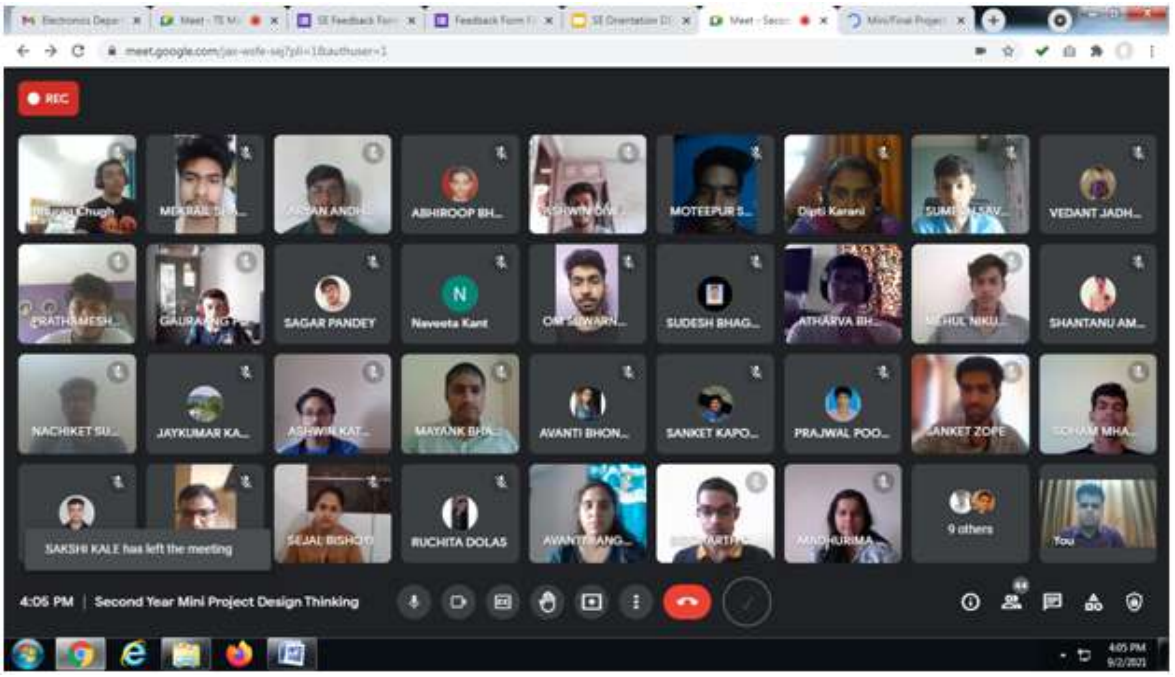
He has presented a few projects implemented by him and explained how to analyze the results obtained from software and hardware like Raspberry Pi, Node Red, Micro- bit,Make code, Some extension Boards.

Some projects discussed are

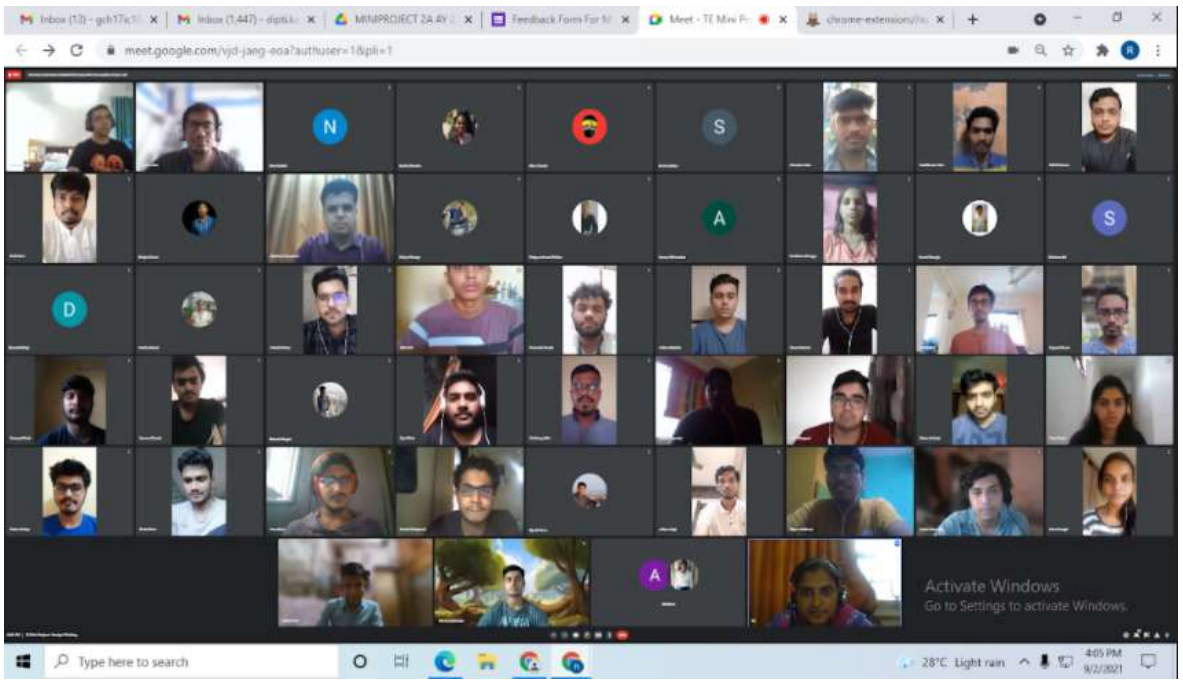
1. Citizen Science using No Code
2. Privacy friendly home automation
3. Enhance cheap sensors and actuators with algorithms and AI
4. GnuRadio
5. Replicating an Existing Product/Service
6. Embedded Linux
7. Simple Mobile Apps
8. Monitor Plant Growth
9. Pollution and Utilities Monitoring
10. Twitter Sentiment Analysis
11. Crowdsourcing of Data
12. Clock
13. Calculator

The session was very well received by students. Mr. Anurag answered all the questions to the satisfaction of students clearing their doubts.

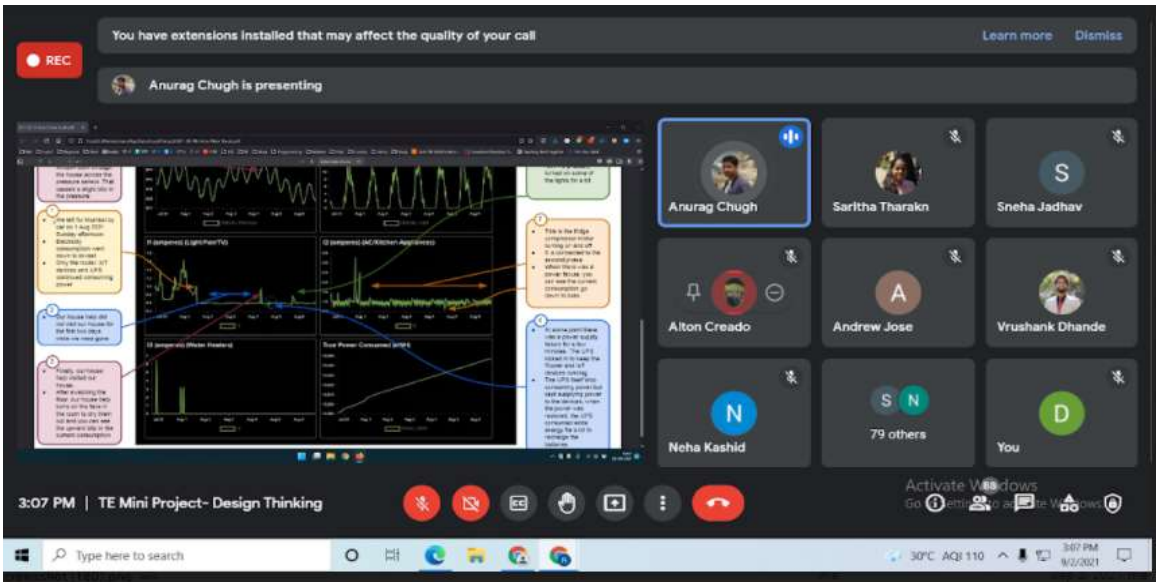
Screen shot of Attendees from Second year

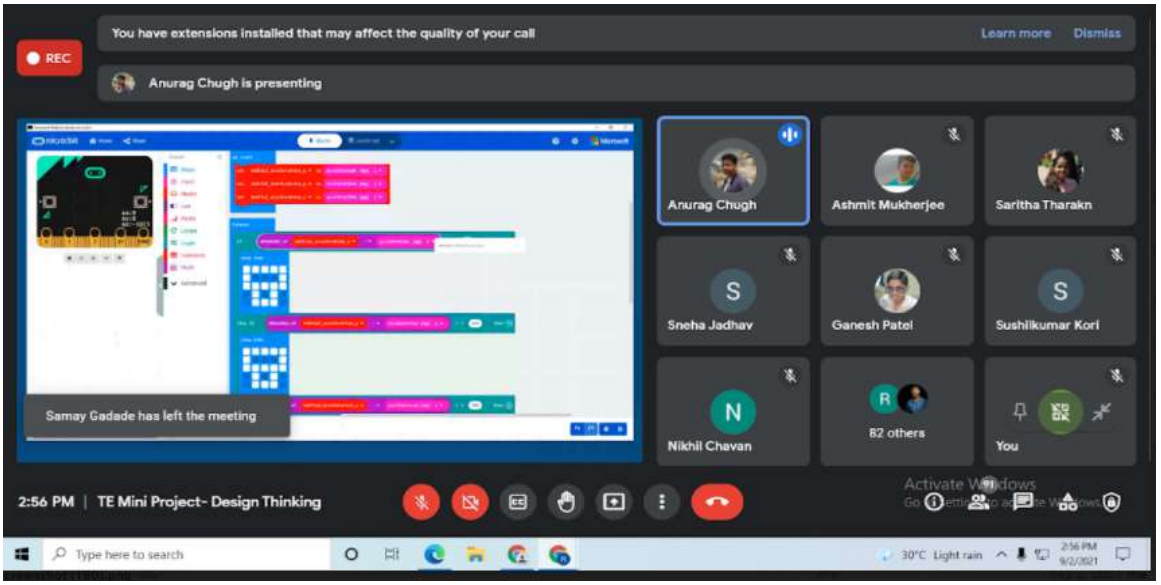


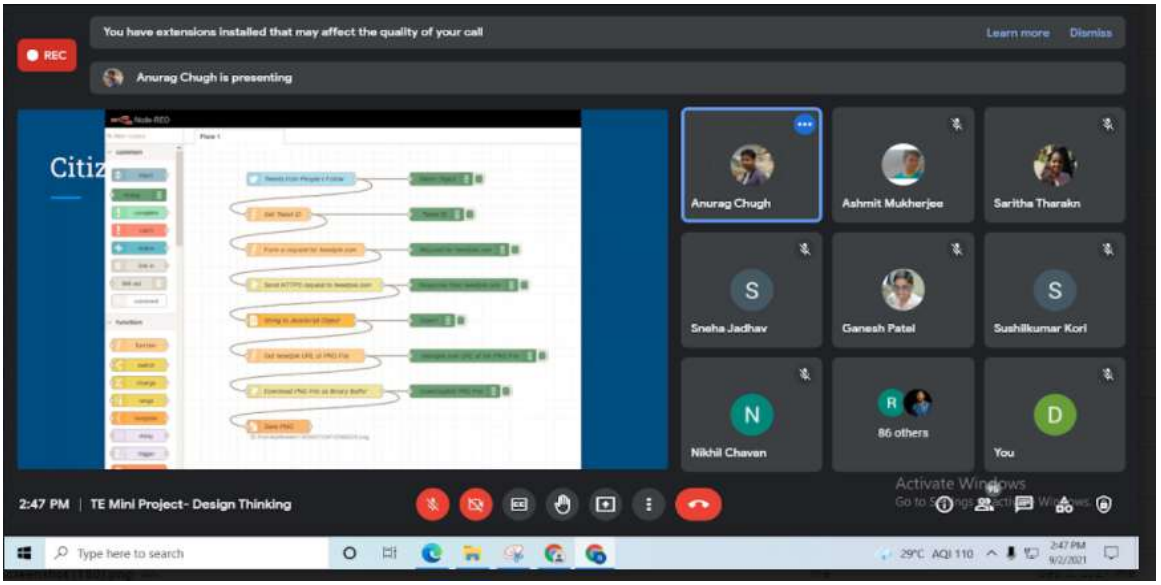

Screen shot of Attendees from Third year



Screenshots of Speaker Presenting in session




REC
You have extensions installed that may affect the quality of your call
Learn more
Dismiss
Anurag Chugh is presenting
Anurag Chugh
Ashmit Mukherjee
Saritha Tharakn
Sneha Jadhav
Ganesh Patel
Sushilkumar Kori
Nikhil Chavan
86 others
You
2:47 PM | TE Mini Project- Design Thinking
Activate Windows
Type here to search
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9/2/2021

## 2.3. Co-curricular Activities

### NPTEL Certification

| Sr.No | Name of Student | Course Description | Organized By | Period | Score |
|---|---|---|---|---|---|
| 1 | Paras Dhekale | Introduction to Embedded System Design | IIT Jammu | Jan-Apr 2021 | 69 |
| 2 | Prashanth Subramaniam Arundudhiyar | Introduction to Internet of Things | IIT Kharagpur | Jan-Apr 2021 | 67 |
| 3 | Chaitanya Anilkumar Joshi | Programming, Data Structures And Algorithms Using Python | CMI | Jan-Apr 2021 | 77 |

Certification Programs

| Sr.No | Name of Student | Course Description | Duration | Organized By |
|---|---|---|---|---|
| 1 | prajwal poojari | Web Development HTML and CSS and Data science with Python | 45 Days | INMOVIDU( IIT GUWAHATI E-CELL) |
| 2 | Anushka Prashant kamble | Front End Development - HTML | 2 Days | Great Learning Academy |
| 3 | Anushka Prashant Kamble | Front End Development - CSS | 4 days | Great learning academy |
| 4 | Piyush Tharewal | Supervised Machine Learning with Tree Based models | 4 days | Great learning |
| 5 | Piyush Tharewal | Supervised machine learning with logistic regression and naive bayes | 1 week | Great learning |

| | | | | |
|---|---|---|---|---|
| 6 | Freya Mota | My SQL Basics | 1 day | Great Learning |
| 7 | Freya Mota | DIGITAL MARKETING | 2 weeks | ACCENTURE |
| 8 | Freya Mota | TCS iON Career Edge - Young Professional | 15 days | TCS iON |
| 9 | Shrijeet Desai | Introduction to Web Development | 6 Weeks | Coursera |
| 10 | Freya Mota | DIGITAL SKILLS: ARTIFICIAL INTELLIGENCE | 3 week | ACCENTURE |
| 11 | Deeptanshu De | Introduction to Web Development | 6 Weeks | COURSERA |
| 12 | Atharva Ahire | SC-900:Microsoft security, compliance, and identity Fundamentals | 1day | Microsoft |
| 13 | Saniya Shaikh | PYTHON AND MACHINE LEARNING | 7 days | Shape AI with Google Developer Ranchi |
| 14 | Rohan Sawant | Internship - Shavison Electronics Pvt. Ltd. Ambernath(E) | 1 month Internship | Shavison Electronics Pvt. Ltd. - Ambernath industry |
| 15 | Shrijeet Desai | Bootcamp From Zero to Hero in Python | 22 hours | Udemy website |
| 16 | Deeptanshu De | 2022 Complete Python Bootcamp From Zero to Hero in Python | 22 total hours | Udemy |
| 17 | Freya Mota | Digital Marketing and its Influence on Brand Switching (Internship) | 45 hrs | TCS iON |
| 18 | Jaie Vengurlekar | AIML Workshop on Building AI-Enabled | 2 days | Edureka |

| | | | | |
|---|---|---|---|---|
| | | Face Mask Detector | | |
| 19 | Saniya Shaikh | Starting with Aptitude Preparation | 5 days | Talent Battle Pvt ltd |
| 20 | Harsh Jadhav | Starting with aptitude preparation | 5 Days | Talent Battle |
| 21 | Gaurav dhande | Gaurav dhande | 65.5 hours | Udemy |
| 22 | Jaie Vengurlekar | Data Science Workshop on Analysing PUBG Data | 2 days | Edureka |
| 23 | Aditi Jamwal | Game Theory | 8 weeks | Stanford University & The University of British Columbia |
| 24 | Mahesh Bhagat | Master Class on Deep Learning | 1 month | Pantech Prolabs India Pvt Ltd |
| 25 | Mahesh Bhagat | IOT Master Class | 1 month | Pantech Prolabs India Pvt Ltd |
| 26 | Aman Singh | Python for Computer Vision with OpenCV and Deep Learning | 4 days | UDEMY |
| 27 | Ajith Nair | Internshala Student Partner 25 (student Ambassador) | 1 Month | Internshala |
| 28 | Ratul Kumar Modak | CERTIFICATE OF PARTICIPATION FOR WEB AUTOMATION | 2DAYS | VESIT-ISA |
| 29 | Atharva Ahire | The fundamentals of digital marketing | 2 days | Google |
| 30 | Deeptanshu De | TCS iON Career Edge - Young Professional | 2 Months | TCS iON |
| 31 | AVIN SHEJWAL | TCS iON Career Edge - Young Professional | 3 month and 11 days | TCS iON |
| 32 | sneha jadhav | 3D PRINTING | 1 DAY | VESIT-ISA |

| | | | | |
|---|---|---|---|---|
| 33 | Kiran Ramgiri | 3D Printing | 1day | ISA VESIT |
| 34 | Shrijeet Desai | TCS ION Career Edge - Young Professional | 2 weeks | TCS ION |
| 35 | Sushil kumar radheshyam kori | Graph up with chart.js | 1 day | ISA-VESIT |
| 36 | Raj Talashilkar | Analog and Digital Electronics & PCB Design | 3 Days | VESIT-Tinkerer's Lab |
| 37 | Harsh Jadhav | The path towards Embedded System Engineer | 1 Day | VESIT- IQAC |
| 38 | Mayur Ambhore | English for oral communication | 4 weeks | IIT BOMBAY |
| 39 | Ganesh Patel | Python Complete Course For Beginners | 1 Days Course | Udemy |
| 40 | Vipul Vishe | Python Programming | 6 week | AISkool |
| 41 | Gautami Manoj Patil | PYTHON AND MACHINE LEARNING, WEB DEVELOPMENT, CYBER SECURITY | 1 week | SHAPEAI |
| 42 | Prachi Sunil Bhalerao | Internshala Training | 1 month | Internshala Training |
| 43 | Alton Creado | Excel for Beginners | 3 days | Great Learning Academy |
| 44 | Rohit Rajendra More | Summer Internship IEEE RAIT 2020 | 6 weeks | IEEE RAIT |
| 45 | Bivab Sahoo | Online Educational Website | 6 week | VESIT - VRC |
| 46 | Isha Girathe | VESIT tinkerer’s lab ‘IOT based weather monitoring system’ | 1 month | VESIT tinkerer’s lab |
| 47 | Piyush Tharewal | IoT based Noise Pollution Monitoring | 1 month | VESIT - Tinkerer's Lab |

| | | | | |
|---|---|---|---|---|
| | | System | | |
| 48 | FREYA MOTA | Internship on project "Iot based Air Pollution Monitoring System " | 1 Month | VESIT- Tinkerer's lab |
| 49 | Rohan Sawant | IOT based earthquake prediction | 4 weeks | Vesit tinkerer's lab |
| 50 | Madhurima Kaustubh Tamhankar | IoT based weather monitoring | 24 days | Tinkerer's Lab |
| 51 | Alton Creado | Java Programming | 3 days | Great Learning Academy |
| 52 | Abhishek Bharat Tupe | Online internship in python | 6 week | Hexnbit |
| 53 | Tushar Wanave | Web development at Verzeo | 7 weeks | Verzeo team |
| 54 | Pratiksha Bhagwan Mhadgut | Programming with python | 6 weeks | Internshala |
| 55 | Manasi Nerurkar | Machine Learning | 11 weeks | Coursera |
| 56 | Saniya Shaikh | Design Thinking In Engineering | 2 days | VESIT-ISA |
| 57 | Harsh Hiraman Jadhav | Design Thinking in Engineering | 2 Days | VESIT- ISA |
| 58 | Harsh Raut | HTML, CSS, Javascript forWeb developers by Jhons hopkins University provided by coursera | 6 weeks | Coursera |
| 59 | Sushil kumar radheshyam kori | Trading and investing workshop | 1 day | ISTE-VESIT |
| 60 | Vipul Vishe | Trading and Investing Workshop | 1 Day | ISTE-VESIT |
| 61 | Manasi Nerurkar | The Python Mega | 6 Weeks | Udemy |

| | | | | |
|---|---|---|---|---|
| | | Course | | |
| 62 | Deepti Singh | Advance Excel | 1 day | JS academy |
| 63 | Manasi Nerurkar | Python and Computer Vision | 7 days | ShapeAI |
| 64 | Abhishek Bharat Tupe | Workshop on Photoshop | 1day | Institution of engineers |

- **Co-curricular Activities**

| Sr.No | Student's Name | Class | Event Name | Organized by | Achievement |
|---|---|---|---|---|---|
| 1 | Amey Mukesh Sonje | D16A | E-Hardware Hackathon | VESIT- ISA | Runner up |
| 2 | Yogesh Dnyaneshwar Tembe | D16A | ISA E-Hardware Hackathon | VESIT-ISA | Runner up |
| 3 | Neeraj Samadhan Patil | D16A | E-hardware Hackathon | ISA Vesit | Runner up |
| 4 | Saurav Pandit | D11A | Project Competition | VPPCOE-ITSA | participation |
| 5 | Saurav Pandit | D11A | Coding Competition | VPPCOE-ITSA | Participation |
| 6 | Paras Dhanaji Dhekale | D11A | VJTI Robotics Competition | TECHNOVANZA 2021 | Participation |
| 7 | Rajesh Rabindra Muni | D6 | Peruse | Technovanza - VJTI | Participation |
| 8 | Rajesh Rabindra Muni | D6 | Escaperoom | Technovanza - VJTI | Participation |
| 9 | Aditya Ajay Singh | D6 | Hardware Auction | VESIT-ISA | Second Position |

| | | | | | |
|---|---|---|---|---|---|
| 10 | Rajesh Rabindra Muni | D6 | Filter it Out | VESIT-ISA | Participation |
| 11 | Atharva Godse | D11A | E-Yantra Sprint Dream Lab Design Competition | IITB | Honorable mention |
| 12 | Preet Jain | D11A | E-Yantra Sprint Dream Lab Design Competition | IITB | Honorable mention |
| 13 | Rohit Gwalani | D11A | E-Yantra Sprint Dream Lab Design Competition | IITB | Honorable mention |
| 14 | Shubham Metkar | D16A | Inspirobiz competition | VES Management College | First Runner Up |
| 15 | Shlok Jagushte | D16B | Inspirobiz competition | VES Management College | First Runner Up |
| 16 | Satyam Vishwakarma | D16B | Inspirobiz competition | VES Management College | First Runner Up |
| 17 | Manav Kukreja | D11B | Inspirobiz competition | VES Management College | Qualified for the Third Round |
| 18 | Mahesh Bhagat | D11B | Inspirobiz competition | VES Management College | Qualified for the Third Round |
| 19 | Mayur Ambhore | D11B | Inspirobiz competition | VES Management College | Qualified for the Third Round |
| 20 | Abhishek Bharat Tupe | D16A | E- VES Robotics challenge | Vesit e-Praxis | Participation |

| | | | | | |
|---|---|---|---|---|---|
| 21 | Vivek Palande | D16A | e-VES Robotics Challenge | VESIT e-Praxis 2021 | Winner |
| 22 | Amey Advirkar | D16A | E-VES Robotics challenge | VESRC | Winner |
| 23 | Akshay Patil | D16A | e-Praxis | VESIT-Praxis | Runner up |
| 24 | Andrew Jose | D11B | Smartinternz Hack challenge 2021 | Smart Internz | Participation |
| 25 | Ashwini Gawhale | D11B | TCS iON Career Edge - Young Professional | TCS | Achievement |
| 26 | Madhurima Kaustubh Tamhankar | D6 | Elucimate 2.0 | ISA-VESIT | Participation |
| 27 | Freya Mota | D11B | National Level Quiz on Python Programmin g | Sigma Institute of Engineering | Participation |
| 28 | Paras Dhanaji Dhekale | D16A | VJTI Robotics Challenge 8.0 | VJTI | Participation |
| 29 | Bivab Sahoo | D11B | LBS | VESIT IIC | Winner |
| 30 | Gaurav G. Salgaonkar | D11A | LBS competition 2020-21 | VESIT IIC & IQAC | Participation certificate |
| 31 | Rohan Sawant | D11B | LBS (Learning | VESIT - IIC , IQAC | Finalist |

| | | | | | |
|---|---|---|---|---|---|
| | | | Beyond Syllabus) Competition | | |
| 32 | Hrithik Sapkale | D11B | LBS Competition | VESIT IQAC & IIC | Participation |
| 33 | Madhurima Kaustubh Tamhankar | D6A | Elucimate 2.0 | ISA-VESIT | Participation |
| 34 | sneha jadhav | D11B | Hack Challenge 2021 | SmartBridge -IBM | Participation |
| 35 | Raj Talashilkar | D16A | E-Yantra Robotics Competition | IIT-Bombay | Participation |
| 36 | Manasi Nerurkar | D11B | IBM Hack Challenge | IBM | Participation |
| 37 | Bivab Sahoo | D11B | DEEP BLUE | Mastek Ltd | Runner up |

Tinkerer’s Lab Activity

## Internship and Training

Tinkerer’s lab electronics organized a 4-week internship programme from 14th June to 15th July 2021, where students learned about designing and developing a solution to a specific problem statement. Each student is assigned a project on an individual basis. They were provided with the basic learning material. Furthermore, they are provided with a certificate upon successful completion of the project.

Learning Objectives

- Understand the definition and significance of the Internet of Things, Web designing, Analog and digital design, PCB design, and data science.
- Discuss the architecture, operation, and benefits of the solution.
- Examine the potential opportunities that the solution can uncover.
- Explore the integration of IoT, Web designing, Analog and digital design, and data analysis.

# List of Internship Projects

| Sr. No. | Project Title | Name of Students |
|---|---|---|
| 1 | IoT based air pollution monitoring system | AYUSH GAUR |
| | | Ajith Nair |
| | | Chinmay Gedam |
| | | Freya Mota |
| | | Gaurav Salgaonkar |

| | | |
|---|---|---|
| | | Hrithik Sapkale |
| | | Jogendra Balotiya |
| | | MRUNALI SHINGRE |
| | | SANKET ZOPE |
| 2 | IoT based flood prediction system | Avin Shejwal |
| | | Manasi Nerurkar |
| | | Prachi Bhalerao |
| | | Pratiksha Mhadgut |
| | | Rajesh Muni |
| | | Tanmay Shinde |
| 3 | IoT based earthquake prediction | ATHARVA BHAINDARKAR |
| | | Bivab Sahoo |
| | | GRUSHA SHETTY |
| | | Ganesh Patel |
| | | Kartik Shanbhag |
| | | Nimish Deshpande |
| | | RISHABH GORAY |
| | | Rohan Sawant |
| | | SHATRUNJAY PALKAR |
| 4 | IoT based forest fire monitoring system | AVANTI RANGDAL |

| | | |
|---|---|---|
| | | JASRAJ BHERWANI |
| | | Mahesh Bhagat |
| | | PRASHANTH ARUNDUDHIYAR |
| | | RISHABH SAJIN |
| | | SRISHTI SHARMA |
| | | Shrijeet Desai |
| | | Sushilkumar Kori |
| 5 | IoT based landslide prediction and prevention | ADITYA LIMKAR |
| | | GAURAV GHUGARE |
| | | Gauri karale |
| | | HARSHAL JOURAS |
| | | HRITIK PATIL |
| | | MANAV DULANI |
| | | Namrata Jadhav |
| | | RATULKUMAR MODAK |
| | | RITIK CHOUDHARY |
| 6 | IoT based noise pollution monitoring system | ADITYA TAMSE |
| | | ARCHITA MALGAONKAR |
| | | Aaryan Wani |
| | | Andrew Jose |

| | | |
|---|---|---|
| | | Bhairavi Joshi |
| | | Mayur Ambhore |
| | | Nikhil Chavan |
| | | PRATHAMESH PARAB |
| | | Piyush Tharewal |
| 7 | IoT based Weather monitoring | Atharva Ahire |
| | | Deeptanshu De |
| | | GAURAANG PRABHUDESAI |
| | | Gaurav Autade |
| | | Gaurav Dhande |
| | | Isha Girathe |
| | | MADHURIMA TAMHANKAR |
| | | MAYANK BHATE |
| | | Rugved Pawar |
| | | SATYAM VISHWAKARMA |
| 8 | Image to speech conversion web app | AARYAN AGRAWAL |
| | | Devansh Singh |
| | | MOHD ANSARI |
| | | PRITI PRAJAPATI |
| | | Sneha Jadhav |

| | | |
|---|---|---|
| | | VAISHNAVI HARIHARA |
| 9 | Forum web app | Aaditya Gaikar |
| | | Aditya Bedekar |
| | | Alton Creado |
| | | Anushka Kamble |
| | | Ashwini Gawhale |
| | | Phalguneshwari Borikar |
| | | Poorvesh Powale |

## 2.4. Extracurricular Activities

| Sr.No | Student's Name | Class | Event Name | Organized by | Achievement |
|---|---|---|---|---|---|
| 1 | Sushil kumar radheshyam kori | B | e-Quiz on vachan prerna diwas | VESIT | Participation |
| 2 | Ashwini Gawhale | B | Music Incharge | VESIT-Cultural | Appreciation |
| 3 | Freya Mota | B | e-Quiz on Vachan Prerna Diwas | Vesit | Participation |
| 4 | Mayur Ambhore | A | "INSPIRIOBIZ 2.0" | VESIMSR | Participation |
| 5 | Anushka Kamble | B | Vachan Prerna Diwas | Department of library | Participation |

## 2.5. Alumni Interaction

### 2.5.1. V-REACH 21: An Alumni Engagement Initiative

"V-REACH", VESIT-Alumni engagement initiative, which aims at reaching out to alumni and enables sharing of their vast National and International knowledge and experience with students for widening their horizon. It also allows alumni to play an active role as a stakeholder and contribute actively in building VESIT legacy.

V-REACH Objectives:

● To provide a forum for a series of webinars covering various domains of learning and support outcome based education.

● To enable knowledge and expertise sharing of alumni for professional development of students.

● To actively engage the stakeholders to expand VESIT's outreach.

● To foster our relationship with our alumni effectively and employ their flair, ardour, knack and contributions to constructive ends for VESIT and its students.

V-REACH has tried to unlock the Teaching Learning in an innovative way, through its inceptive series of 14 webinars commencing from 02 August to 26 August 2021, which will be streamed on VESIT-youtube channel covering the following broad topics:

1. Guidance on preparing for better placements

2. Higher studies and career guidance

3. Research and innovations

4. Entrepreneurship development and

5. New trends in Technology (Covering all streams of learning)

| Sr. No. | Topic | Date/Time | Speaker | Designation / Organization |
|---|---|---|---|---|
| 1 | The path towards Embedded System Engineer | 09/08/2021 5.00 PM | Mr. Sameer Batra (ETRX-2016) | Senior Embedded Software Engineer, L&T |
| 2 | Entrepreneurship Pathways | 26/08/2021 5.00 PM | Mr. Shivkumar Krishnamurthy (ETRX - 2017) | Sales Director , Revolvo Infotech |

The path towards Embedded System Engineer

Technical Session to enlighten the engineering graduates about the existing career opportunities in the field of Embedded systems. Also to explain the aspirants about the necessary skills required to achieve success in this field.

Entrepreneurship Pathways

Journey of Entrepreneurship with Insight of it and Experience Sharing. Diversification of fields help in growing the business. Should you start your own company? Different aspects when it comes to starting your own company.

## 2.6. Internships

| Sr. No. | Name of the student | Company Name | Company Resource Person | Title of Project | Start Date | End Date | Duration |
|---|---|---|---|---|---|---|---|
| 1 | Aditya Rode | RCF THAL | D.M. RAMTEKE | MAINTENANCE ENGINEER | 01/07/2021 | 15/07/2021 | 15 days |
| 2 | Smriti Karn | Tinkerer's lab VESIT | | To complete the circuit for ECG Signal Processing and Heart Beat Rate Calculation for detection of noise signals and removing the noise to clear ECG signal | 15/06/2021 | 15/07/2021 | 1 Month |
| 3 | Vaibhav Jayprakash Sharma | J K Electronics | Atul koli | PCB Designing, Components soldering, R&D | 04/08/2020 | 03/03/2021 | 6 months |
| 4 | Tushar Wanave | Connexious 24x7 | Chandan Singh Rajguru | Related Sells and marketing | 07/06/2021 | 07/07/2021 | 4 week |
| 5 | RATUL KUMAR MODAK | VESIT | Dr. Abhay Kshirsagar | IoT based Landslide Prediction and Prevention | 15/06/2021 | 15/07/2021 | 1 MONTH |
| 6 | Sudhanshu Karwa | Krishidhan Seeds Pvt Ltd | Prakash Bhagade | Industrial Intern | 01/10/2020 | 01/02/2021 | 5 months |
| 7 | Sudhanshu Karwa | Absolute Motion Pvt Ltd | Sushil Mishra | PLC Programming | 01/09/2021 | 01/10/2021 | 1 month |
| 8 | Bivab Sahoo | VESIT | Dr. Rajani Mangala | Online Educational Website For Simulation of Amplitude & Frequency Modulation | 15/06/2021 | 30/07/2021 | 7 weeks |
| 9 | Ajith | Tinkerer's Lab | | In this internship we | 15/06/ | 15/07 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Nair | | | made a weather monitoring system which can also predict the temperature and weather conditions and displays detail on a website with the help of IOT. | 2021 | /2021 | Month |
| 10 | Ashmit Mukherjee | Jadoo magic | | Digital marketing | 16/06/2021 | 16/07/2021 | 1 month |
| 11 | Aakash Dubey | Hermes electronics pvt ltd | Khushi mam | Core company, circuit building and machine soldering etc | 15/06/2021 | 15/07/2021 | 4 week 3 days |
| 12 | Ganesh Patel | Tinkerer's Lab Electronics, VESIT | | IOT Based Earthquake Prediction | 15/06/2021 | 15/07/2021 | 4 week |
| 13 | Gaurav Salgaonkar | Tinkerer's Lab Electronics,VESIT | | IOT BASED AIR POLLUTION MONITORING SYSTEM TO MEASURE THE QUALITY OF AIR | 15/06/2021 | 15/07/2021 | 1 month |
| 14 | Hrithik R Sapkale | Tinkerer's Lab Electronics, VESIT | | Building IoT based Air Pollution Monitoring System | 15/06/2021 | 15/07/2021 | 4 weeks |
| 15 | Rohan Sawant | Vesit - Tinkerer's lab | | Internship - IOT based earthquake prediction | 15/06/2021 | 15/07/2021 | 1 month |
| 16 | Bhakti KAmbli | Internshala | | The internship provides the knowledge of important machine learning algorithms that help us in building machine learning models. It includes some python sessions at the beginning followed by some minor python projects and some major machine | 14/06/2021 | 02/08/2021 | 6 weeks |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | learning projects. | | | |
| 17 | Prachi Sunil Bhalerao | Tinkerer's lab ElectronicsElectronics, VESIT | | IoT based flood prediction system | 15/06/2021 | 15/07/2021 | 1 month |
| 18 | Pracho Sunil Bhalerao | Internshala Training | | Programming with Python | 21/06/2021 | 21/07/2021 | 1 month |
| 19 | Isha Girathe | VESIT tinkerer’s lab | | IOT based weather monitoring system | 15/06/2021 | 15/07/2021 | 1 month |
| 20 | RITIK NAGENDRA CHOUDHARY | DISCOVER TECHNOLOGIES | Discover technologies | Student database and IoT based | 10/07/2021 | 10/08/2021 | 1 Month |
| 21 | Ritik N Choudhary | Tinkerer's lab Electronics | Dr.Abhay Kshirsagar | IoT based Landslide Prediction | 15/06/2021 | 15/07/2021 | 1 Month |
| 22 | Rohan Sawant | Shavison Electronics Pvt. Ltd. - Ambernath(E) | | To Study the Manufacturing of Electronic Modules | 13/12/2021 | 09/01/2022 | 1 month internship |
| 23 | Piyush Tharewal | Tinkerer's Lab Electronics , VESIT | Neeraj Patil | IoT based noise pollution monitoring system | 15/06/2021 | 15/07/2021 | 1 month |
| 24 | Aditya Rana | Bhabha Atomic Research Centre, Tarapur | | Different electronic systems at BARC | 09/12/2021 | 31/12/2021 | 14 |
| 25 | Nikhil Chavan | Tinkerer lab electronics,VESIT | Neeraj Patil | IOT based noise pollution detection system on Proteus software | 15/06/2021 | 15/07/2021 | 1 month |

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|---|---|---|---|---|---|---|---|
| 26 | Gaurav pramod dhande | Tinkerers lab electronics (VESIT) | Dr abhay kshirsagar | Iot based weather monitoring system | 15/06/2021 | 15/07/2021 | 1month |
| 27 | Tanmay Shinde | Exposys Data Lab | | App Developer (UI/UX designer) | 03/12/2021 | 01/01/2022 | 1 month |
| 28 | Shrijeet Desai | Vivekanand Education Society Institute of Technology | Tinkerer's Lab Electronics | IoT based Forest Fire Monitoring System | 15/06/2021 | 15/07/2022 | 1 Month |
| 29 | Atharva Ahire | Vesit Renaissance Cell | Sangeetha Prasanna Ram | Design and development of advertisement videos for social media | 15/06/2021 | 30/07/2021 | one and a half months |
| 30 | Atharva Ahire | Tinkerer's-Lab -VESIT-ETRX | Dr. Abhay Kshirsagar | IOT BASED WEATHER MONITORING | 15/06/2021 | 15/07/2021 | 1 month |
| 31 | Deeptanshu De | VESIT | Tinkerer's Lab Electronics, VESIT | The aim of the internship program was to design a Weather monitoring system, using various sensors and microcontroller (Arduino UNO), on proteus software. From the microcontroller, the data from all sensors, is uploaded to the Firebase, which is central database. For the end consumer, a web app is to be designed, which retrieve the data from Firebase and display the readings in a graphical format. | 15/06/2021 | 15/07/2021 | 1 Month |
| 32 | Andrew Jose | Tinkerer's lab | | Iot based Noise pollution Monitoring system | 15/06/2021 | 15/07/2021 | 4weeks |

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|---|---|---|---|---|---|---|---|
| | | | | | | | and 3 days |
| 33 | Harsh Hiraman Jadhav | Western Regional Instrumentation Centre Mumbai | | This internship was focused on giving a brief knowledge of electronics circuit and in addition to it made a functional power supply. | 09/12/2021 | 30/12/2021 | 3 Weeks |
| 34 | Harsh Hiraman Jadhav | Western Regional Instrumentation Centre Mumbai | | In this internship a PCB circuit of Fire alarm detection was made using Diptrace software, and implemented on board. | 31/12/2021 | 07/01/2022 | 1 week |
| 35 | AVIN SHEJWAL | VESIT | Tinkerer's Lab Electronics, VESIT | As, a solution to the existing problem, an IoT based approach is taken to design a Flood prediction system, using various sensors and microcontroller, on proteus software. From the microcontroller, the data for the above parameters, is uploaded to the Firebase, which is central database. For the end consumer, a web app is designed, which retrieve the data from Firebase and display the readings in a graphical format. This project predominantly combines two-study fields-based control systems and data gathering technique, to create a large database system depending on the employed attributes to generate the presented data. | 15/06/2021 | 15/07/2021 | 1 month |

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|---|---|---|---|---|---|---|---|
| 36 | Sushil kumar radhes hyam kori | Tinkerer's lab electronics, VESIT | Neeraj patil | IoT based forest fire monitoring system | 15/06/2021 | 15/07/2021 | 1 month |
| 37 | Manasi Nerurkar | WeChange NGO | | Mentoring and teaching students for developing proficiency in English Communication Skills c | 15/03/2021 | 15/08/2021 | 6 months |
| 38 | Manasi Nerurkar | Tinkerers Lab VESIT | | IOT based Flood Prediction System | 15/06/2021 | 15/07/2021 | 1 month |
| 39 | Manasi Nerurkar | VESIT Renaissance Cell | | Analysis of number of Covid cases and other diseases | 15/06/2021 | 30/07/2021 | 1 month |
| 40 | Aman Singh | DECIBELS LAB PVT. LTD. | | Model Based Design of Control System Engineering | 07/06/2021 | 03/07/2021 | 4 weeks |
| 41 | Bhairavi Joshi | VESIT Tinkerer's Lab | | Researched on the project topic, created simulated circuit, webpage, machine learning model for predicting noise levels | 15/06/2021 | 15/07/2021 | 4 weeks |
| 42 | Freya Mota | TCS iON | | TCS iON REMOTE INTERNSHIPS on Digital Marketing and its Influence on Brand Switching | 05/12/2021 | 03/01/2022 | 45 hours |
| 43 | Kiran Ramgiri | HERMES ELECTRONICS PVT. LTD. | Mrs. Khushi | Hermes Electronics is a manufacturing company where it manufactures circuit boards and LED lights. During working as interns we worked in different departments of company which are primary department, SMD department, oven, | 15/06/2021 | 15/07/2021 | 1 Month |

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|---|---|---|---|---|---|---|---|
| | | | | assembly department. | | | |
| 44 | Rugved Vinayak Pawar | Tinkerer's lab vesit | | Weather monitoring system | 15/06/2021 | 06/08/2021 | 4 weeks |
| 45 | Aditi Jamwal | HW Innovations | Mr. Sunil Ikhe | Project intern for new line of health & wellness products. Designing and developing of the products. Marketing of the company and products to other established companies and on various social media platforms. Technical assistant, managing the website and e-commerce platforms. | 01/12/2021 | 31/01/2022 | 2 months |
| 46 | RITIK N CHOUDHARY | EXPOSYS DATA LAB | MR.Y VISHNUVARDHAN | DATA SCIENCE | 03/12/2021 | 02/01/2022 | 1 MONTH |
| 47 | Chaitanya Arun Brid | Discover Technologies | N.A | Python programming | 15/06/2021 | 09/08/2021 | 6 weeks |
| 48 | KETAKI SUNIL PUROHIT | TCR innovation | Rutuja Doiphode | Core java + SQL internship program | 12/06/2021 | 12/08/2021 | 2 months |

# Vivekanand Education Society's Institute of Technology
# Department of Computer Engineering

## Academic Year 2021-2022 (ODD SEM)
## Department Report (From 1st June 2021 to 31st December 2021)

## 1 Faculty Contributions

**1.1** Workshops Conducted for faculties

**1.2** Workshops/Courses Conducted by faculties

**1.3** Courses Attended by faculty

1.3.1 Courses Attended by faculty

1.3.2 Orientation Attended by faculty

**1.4** Skill Development Activities

1.4.1 Certification Exams

1.4.1.1 NPTEL Certifications

1.4.1.2 Coursera

1.4.1.3 NITTT Certifications

**1.5** Research Forum Activities

1.5.1 Research Grants

1.5.1.1 Major Research Grants

1.5.1.2 Minor Research Grants

1.5.2 Research Papers Published

1.5.3 Expert Talk

**1.6** Interaction with outside world

**1.7** Accomplishments

# 2 Student Portfolio

**2.1** Student Achievements

2.1.1 Academic Excellence

2.1.2 Placement Activities

2.1.3 Higher Studies

2.1.4 Competitive Exams

2.2 Skill Development Activities

2.2.1 NPTEL

2.2.2 SEL Lectures

2.2.3 Certification Programs

2.2.4 SE Mini Project Orientation

2.2.5 e-Pradarshini

**2.3** Tinkerers' Lab : Code Cell Activities

2.3.1 Django Workshop

2.3.2 React Workshop

2.3.3 Flutter Workshop

**2.4** Project Innovations / Competitions

2.4.1 E-Yantra

2.4.2 VCET Hackathon 2021

**2.5** Industry Projects

**2.6** Co-curricular activities

2.6.1 Participation in Inter College Competitions

2.6.2 Participation in Intra College Competitions

**2.7** ExtraCurricular Activities

2.7.1 Participation in Inter College Competitions

2.7.2 Participation in Intra College Competitions

**2.8** Alumni Interaction

2.8.1 V-REACH ‘21 : An Alumni Engagement Initiative

**2.9** Internships

**2.10** Scholarships Applied / Received

# Vivekanand Education Society's Institute of Technology
# Department of Computer Engineering

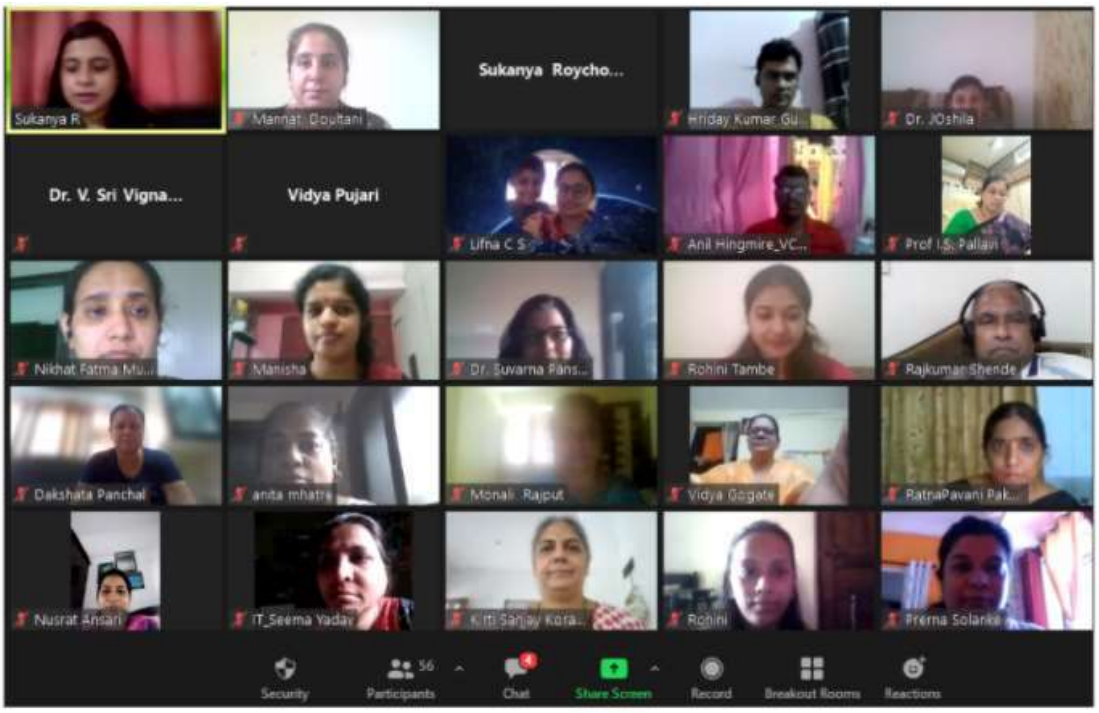
## Academic Year 2021-2022
## Department Report (From 1st July 2021 to 31st December 2021)

Various activities conducted in the Department of Computer Engineering in the academic year 2021-22 during 1st July 2021 to Dec 2021 have been categorized as mentioned below:

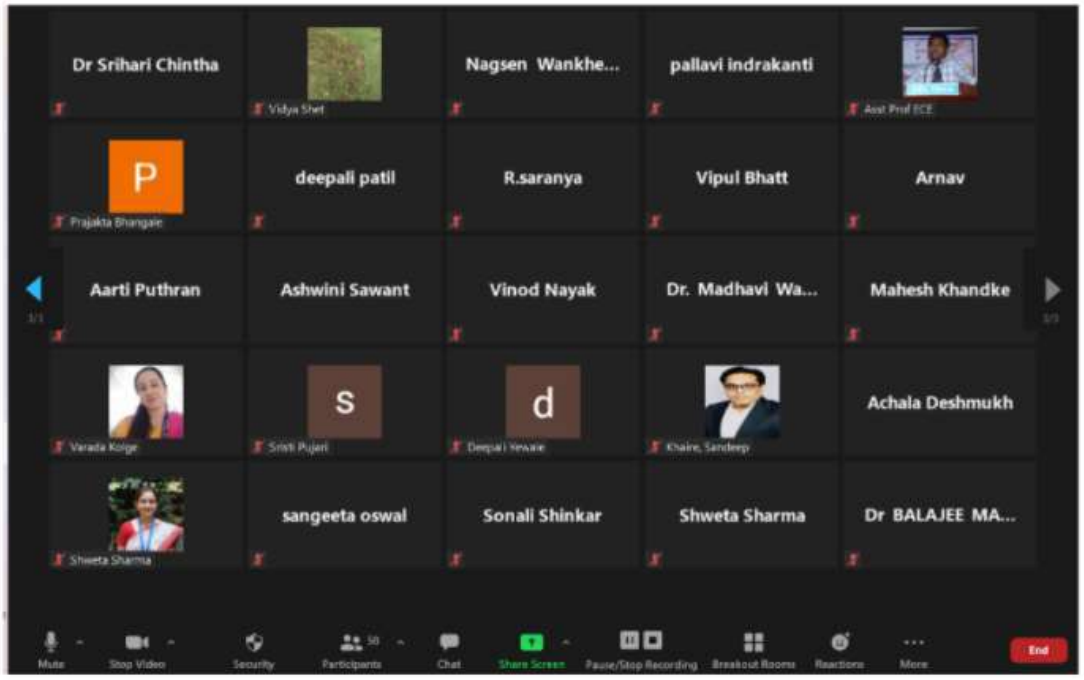
## 1. Faculty Contributions

### 1.1 Workshops Conducted for Faculties ( Total 02)

**1.1.1** AICTE Sponsored Online Short Term Training Program (STTP) program on 'Introduction to Blockchain Technology' was organized in the Phase-III of 'Blockchain & Its Applications Series' during, **12th July - 17th July 2021** by Department of Information Technology In Association with Department of Computer Engineering, Department of Master of Computer Applications, under the guidance of VESIT

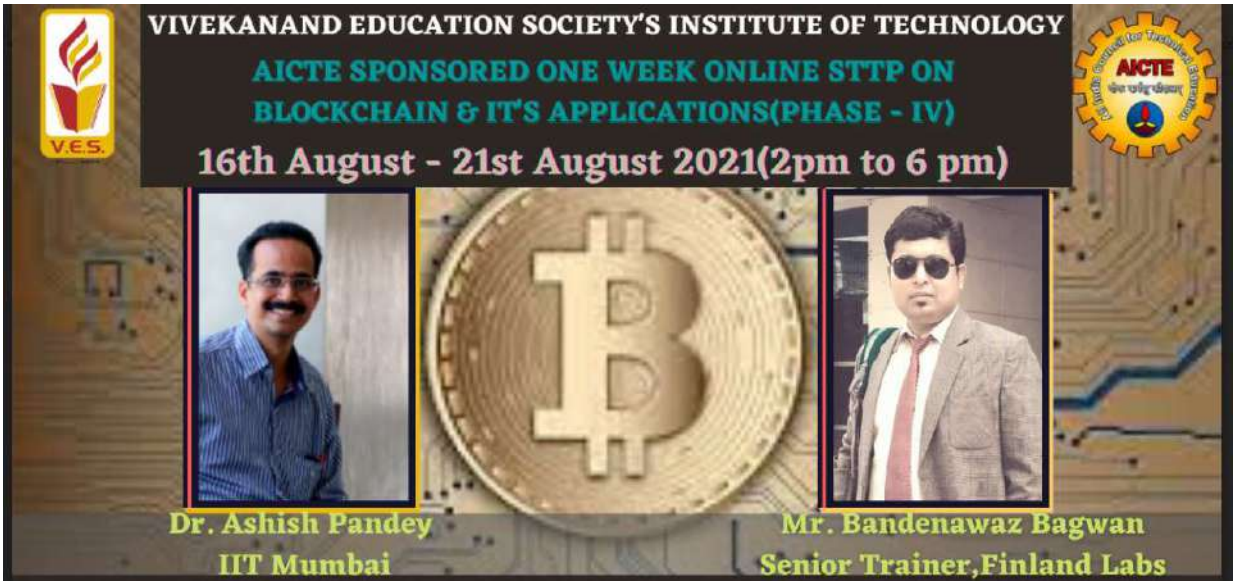


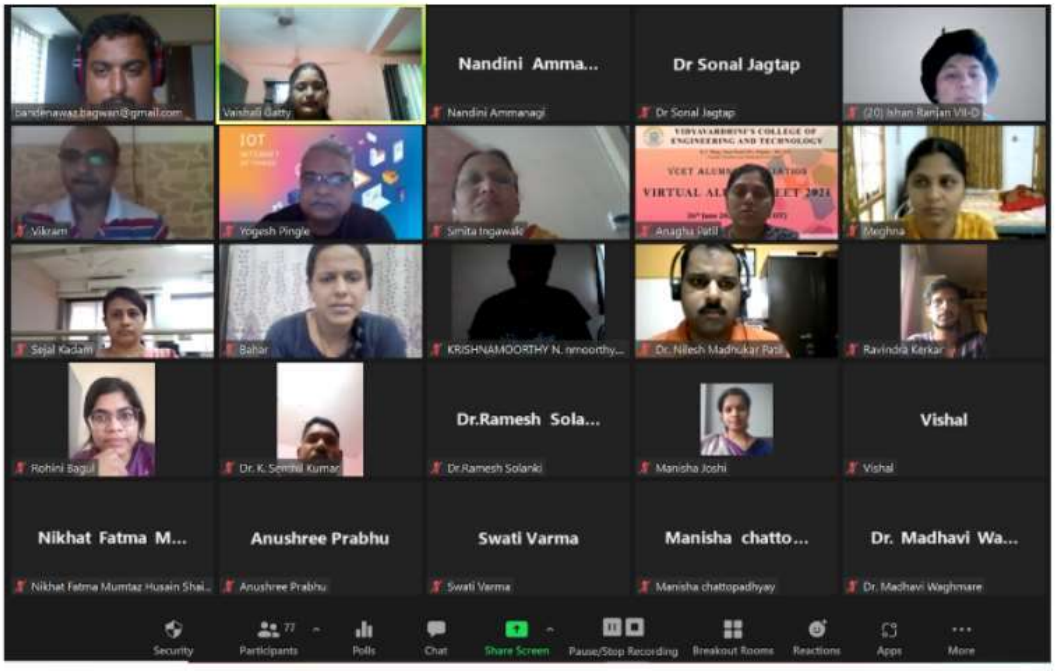

*Grid View of the Participants*



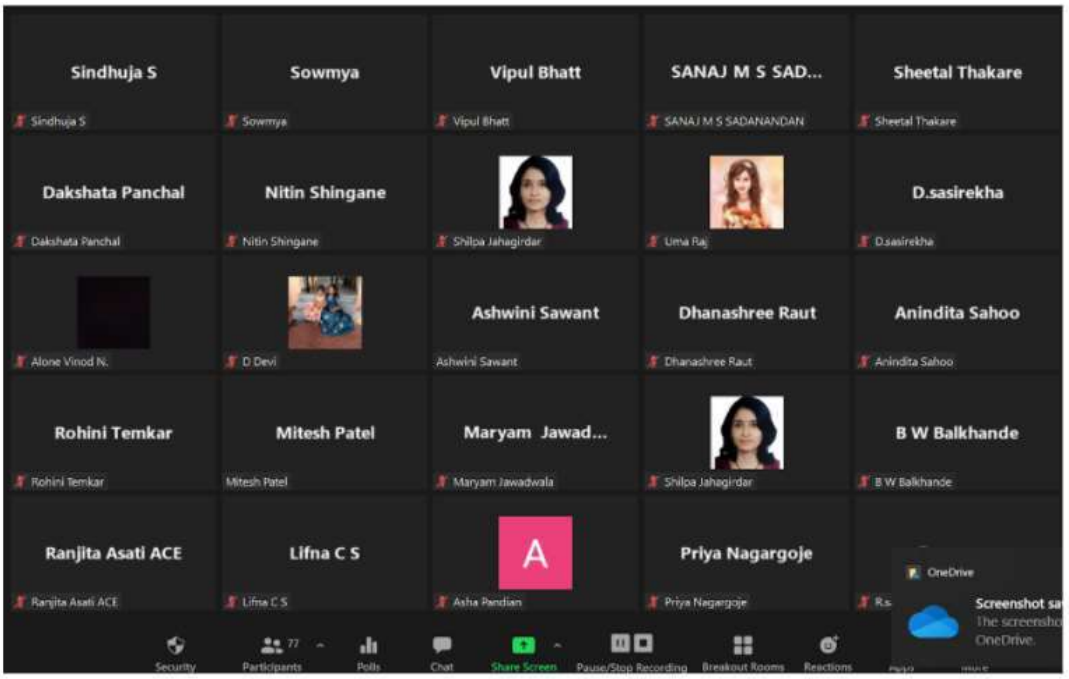

*Grid View of the Participants*

**1.1.2** AICTE Sponsored Online Short Term Training Program (STTP) program on 'Introduction to Blockchain Technology' was organized in the Phase-IV of 'Blockchain & Its Applications Series' during, **16th August - 21th July 2021** by Department of Information Technology In Association with Department of Computer Engineering, Department of Master of Computer Applications,under the guidance of VESIT



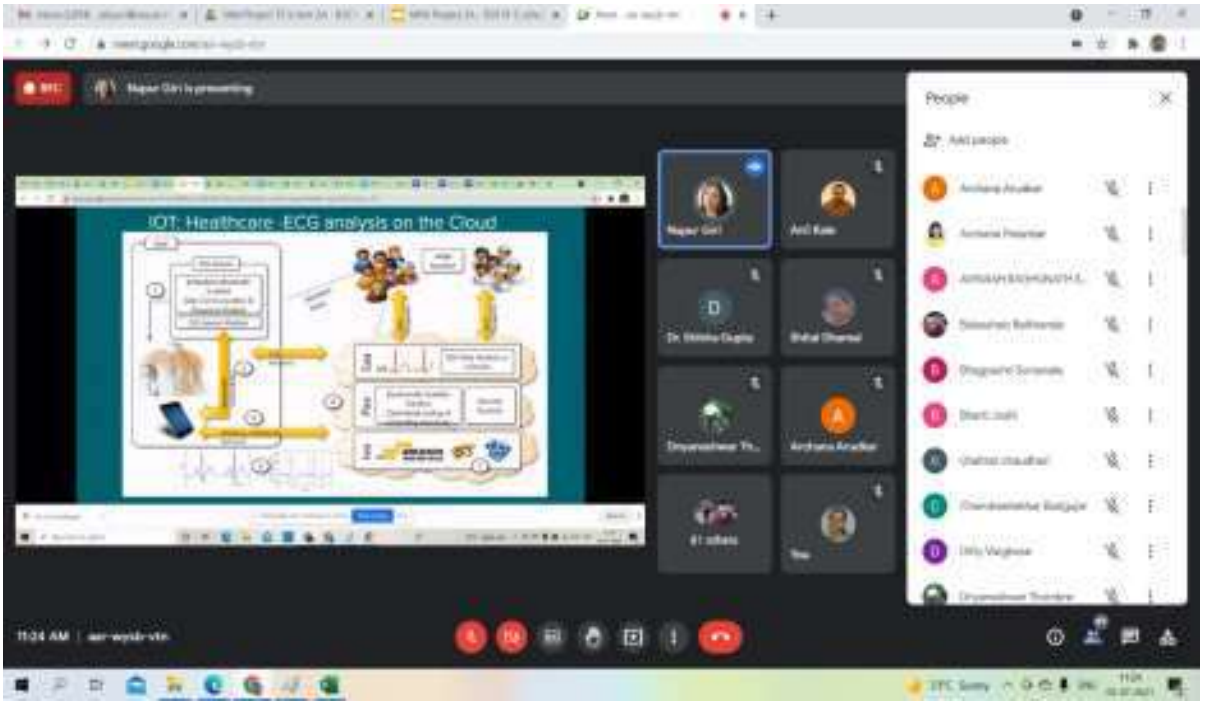

***Grid View of the Participants***

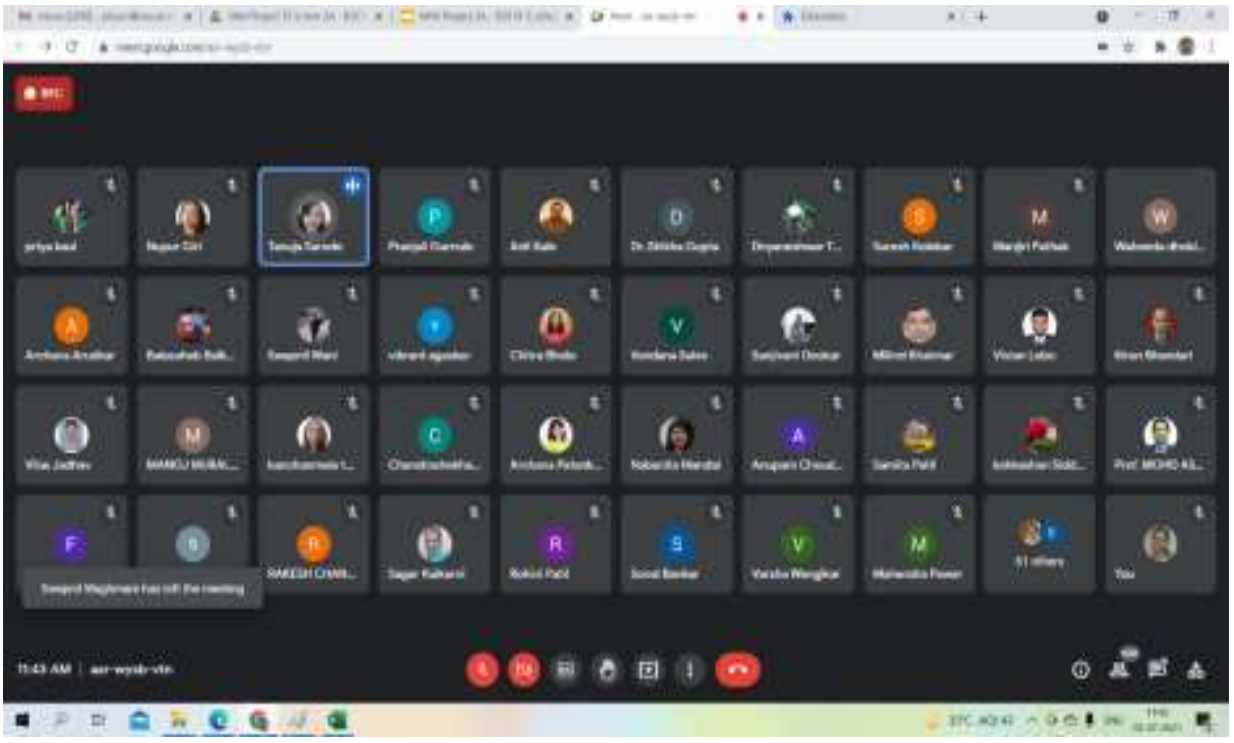



*Grid View of the Participants*

### 1.1.3 TE Mini Project Orientation

On behalf of University of Mumbai, Department of Computer Engineering, Vivekanand Education Society's Institute of Technology (VESIT), Mumbai organized a Orientation Program for the course "Mini Project – 2A" for Semester V of Rev-2019 'C' Scheme in online mode (Google Meet). The program was conducted and presented by Dr. Nupur Giri (Convener & HOD of Computer Engineering Department, VESIT), Dr. Tanuja K. Sarode (Co-Convener, Thadomal Shahani Engineering College) and Prof. Pranjali Gurnule (Lokmanya Tilak College of Engineering). The program was conducted on 5th July, 2021 from 11:00 AM to 1:00 PM. More than 100 faculties from various colleges registered and participated in the orientation program actively.



**TE Mini Project Orientation Google Meet Screenshot**

## 1.2 Workshops/Courses Conducted by faculty (Total 08)

| Sr. No. | Conducted By | Course description | Organized by | From Date | To Date | Number of days |
|---|---|---|---|---|---|---|
| **1** | Dr. Gresha Bhatia | Orientation Program on Advanced Database Management Systems(ADBMS) Dept Level Elective 1 , Course code: CSDO501 Sem-V (Comps) Rev-2019(C) Scheme of TE Computer Engineering (Rev.2019) | VESIT | 08-08-2021 | 08-08-2021 | 1 Day |
| **2** | Dr Sujata Khedkar | Conducted course on 'AI for health care - In pursuit of innovations for Atma-Nirbhar-Bharat using the Promising Technologies' | VES College of Pharmacy | 24/06/ 2021 | 01/77/2021 | 6 Days |
| 3 | Mrs. Rohini Temkar | AICTE Training And Learning Academy Sponsored One Week Faculty Development Program (Online) On Cyber Security | VESIT Renaissance Cell (In association with Department of Electronics Engineering, MCA and VESIT-IIC) | 05/07/2021 | 09/07/2021 | 1 Week |
| 4 | Mrs. Vidya Zope | SE Miniproject Orientation | Department of Computer Engineering | 27-08-2021 | 27-08-2021 | 1 Day |
| 5 | Mrs. Lifna C S | AICTE Spnsored STTP on "BlockChain & its Applications" - Phase III | Department of IT in association Department of CMPN & MCA | 12/07/ 2021 | 17/07/2021 | 5 Days |
| 6 | Mrs. Lifna C S | AICTE Spnsored STTP on "BlockChain & its Applications" - Phase IV | Department of IT in association Department of CMPN & MCA | 16/08/ 2021 | 21/08/ 2021 | 6 Days |

| | | | | | | |
|---|---|---|---|---|---|---|
| 7 | Mrs. Lifna C S | Expert Session at Two Days Online Faculty Development Programme On “Deep Learning Using Python” | Department of MCA, Vivekanand Education Society's Institute Of Technology, Under the guidance of IQAC & In collaboration with University of Mumbai. Approved by Adhoc Board of Studies MCA, University of Mumbai.on behalf of the University of Mumbai. | 29/10/2021 | 30/10/021 | 2 Days |
| 8 | Abha Tewari | AICTE Training And Learning Academy Sponsored One Week Faculty Development Program (Online) On Cyber Security | VESIT Renaissance Cell (In association with Department of Electronics Engineering, MCA and VESIT-IIC) | 05/072021 | 09/07 2021 | 6 Days |

## 1.3 Courses Attended by faculty

### 1.3 1.3.1 Courses Attended by faculty (Total 109)

| Sr. No. | Attended By | Course description | Organized by | From Date | To Date | Number of days |
|---|---|---|---|---|---|---|
| 1 | Dr. Nupur Giri | Vreach- "Technical and Soft Skills required for engineering students" | V-Reach program under VESIT-IQAC | 12/8/2021 | 12/8/2021 | 1 Day |
| 2 | Dr. Nupur Giri | Vreach- "Opportunities for Engineers in PSUs/Govt. Sector" | V-Reach program under VESIT-IQAC | 11/8/2021 | 11/8/2021 | 1 Day |
| 3 | Dr. Nupur Giri | Vreach- "Work Life Balance (Entrepreneurship and Choosing Career)" | V-Reach program under VESIT-IQAC | 10/8/2021 | 10/8/2021 | 1 Day |
| 4 | Dr. Nupur Giri | Webinar Research Talk on “Pitch Like a Pro” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 7/08/ 2021 | 7/08/ 2021 | 1 Day |

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| 5 | Dr. Nupur Giri | VREACH - "Breaking the Glass Ceiling:Placements Beyond Campus" | V-Reach program under VESIT-IQAC | 02/08/2021 | 02/08/2021 | 1 Day |
| 6 | Dr. Nupur Giri | VREACH - "Cloud Computing using Microservice Architecture" | V-Reach program under VESIT-IQAC | 05/08 2021 | 05/08 2021 | 1 Day |
| 7 | Dr. Nupur Giri | VREACH - "Booting Up! Adventures in Entrepreneurship" | V-Reach program under VESIT-IQAC | 06/08/ 2021 | 06/08/ 2021 | 1 Day |
| 8 | Dr. Nupur Giri | Webinar Research Talk on “Exploring Patenting through Research” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 30/07/2021 | 30/07/2021 | 1 Day |
| 9 | Dr. Nupur Giri | Webinar on Design The Thinking - Preparing the Entrepreneurship Mindset session | VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 31/07/2021 | 31/07/2021 | 1 Day |
| 10 | Dr. Nupur Giri | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Leadership and Excellence | ATAL Academy | | | 1 week |
| 11 | Dr. Gresha Bhatia | "Paradigm Shift: Bond Markets and Introduction to AI in Bond Pricing" | VReach- VESIT-IQAC | 25/08/2021 | 25/08/2021 | 1 Day |
| 12 | Dr. Gresha Bhatia | Research Talk on “Pitch Like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association withVESIT-IIC, | 7/08/ 2021 | 7/08/ 2021 | 1 Day |
| 13 | Dr. Gresha Bhatia | Design The Thinking - Preparing the Entrepreneurship Mindset session | Vivekanand Education Society’s Institute of Technology In association with VESIT IQAC and IIC | 31/07/2021 | 31/07/2021 | 1 day |
| 14 | Dr. Gresha Bhatia | VREACH 21- "Breaking the Glass Ceiling:Placements Beyond Campus" | VESIT-IQAC | 02/08/2021 | 02/08/2021 | 1 day |

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|---|---|---|---|---|---|---|
| 15 | Dr. Gresha Bhatia | E-Session Belling the “CAT" | V-Reach program under VESIT-IQAC | 13/8/2021 | 13/8/2021 | 1 Day |
| 16 | Dr. Gresha Bhatia | Azaadi Ki Amrut Mahotsav - Environment and Sustainability Pledge to commemorate 75 Years of Independence | Department of Computer Engineering | 27-09-2021 | 27-09-2021 | 1 day |
| 17 | Dr. Gresha Bhatia | Research Talk on “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 30/07/2021 | 30/07/2021 | 1 day |
| 18 | Dr. Gresha Bhatia | Rashtragaan | Ministry of Culture | 15-08-2021 | 15-08-2021 | 1 day |
| 19 | Dr. Gresha Bhatia | Innovation Ambassador training (Foundation Level, Total 16 Sessions,30 hours | MoE's Innovation Cell & AICTE | 30-06-2021 | 30-07-2021 | 1 Month |
| 20 | Dr. Gresha Bhatia | Research Talk on “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 04/08/2021 | 04/08/2021 | 1 Day |
| 21 | Dr Sujata Khedkar | Design The Thinking - Preparing the Entrepreneurship Mindset session | Vivekanand Education Society’s Institute of Technology In association with VESIT IQAC and IIC | 31/07/2021 | 31/07/2021 | 1 Day |
| 22 | Dr. Sujata Khedkar | Research Talk on “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, | 30/07/2021 | 30/07/2021 | 1 Day |

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| | | | in association with VESIT-IIC, | | | |
| 23 | Dr. Sujata Khedkar | FDP on "Research funding projects and IPR (part II) | R&D cell , IQAC, Department of EXTC, Computer and IT of KC College of Engineering | 07/06/2021 | 09/06/2021 | 3 Day |
| 24 | Dr. Sujata Khedkar | Research Talk on “Pitch Like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 07/07/2021 | 07/07/2021 | 1 Day |
| 25 | Dr. Sujata Khedkar | Research Talk on “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 04/08/2021 | 04/08/2021 | 1 Day |
| 26 | Dr. Sharmila Sengupta | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Green Technology for Sustainable Life: Indian Perspective | National Institute of Technology,Silchar, Assam. | 19/07/2021 | 23/07/2021 | 1 Week |
| 27 | Dr. Sharmila Sengupta | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Redemption from Plastic Pollution: Indian Railways" | NATIONAL RAIL AND TRANSPORTATION INSTITUTE. | 05/07/2021 | 09/07/2021 | 1 Week |
| 28 | Dr. Sharmila Sengupta | Webinar on "Design The Thinking - Preparing the Entrepreneurship Mindset" session | VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 31/07/2021 | 31/07/2021 | 1 Day |
| 29 | Dr. Sharmila Sengupta | "Digitization in Refineries" | V-Reach program under VESIT-IQAC | 03/08/2021 | 03/08/2021 | 1 Day |
| 30 | Dr. Sharmila Sengupta | “Online Workshop On Mendeley Reference Manager” | VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 29/09/2021 | 29/09/2021 | 1 Day |

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|---|---|---|---|---|---|---|
| 31 | Dr. Sharmila Sengupta | Webinar Research Talk on “Pitch like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 07/08/2021 | 07/08/2021 | 1 Day |
| 32 | Dr. Sharmila Sengupta | “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 04/08/2021 | 04/08/2021 | 1 Day |
| 33 | Dr. Sharmila Sengupta | “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 30/07/2021 | 30/07/2021 | 1 Day |
| 34 | Prashant Kanade | ATAL FDP on Telemedicine | NIT Jamshedpur | 09/08/2021 | 13/08/2021 | 1 Week |
| 35 | Prashant Kanade | Webinar Research Talk on “Exploring Patenting through Research” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 30/07/2021 | 30/07/2021 | 1 Day |
| 36 | Mrs. Rohini Temkar | AICTE Sponsored One Week Online Short Term Training Program on BLOCKCHAIN & IT’S APPLICATIONS (Phase – IV) . | Department of Information Technology in association with Departments of Computer Engineering & Master of Computer Applications | 16/08/2021 | 21/08/2021 | 1 week |
| 37 | Mrs.Geocey Shejy | “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 30/07/2021 | 30/07/2021 | 1 Day |

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| 38 | Mrs.Geocey Shejy | “Pitch Like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 7/08/2021 | 7/08/2021 | 1 Day |
| 39 | Mrs.Geocey Shejy | “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 04/08/2021 | 04/08/2021 | 1 Day |
| 40 | Dr.Dashrath Mane | E Session on Startup and Funding | Department of MCA,VESIT in association with VESIT IQAC | 27/08/2021 | 27/08/2021 | 1 Day |
| 41 | Dr.Dashrath Mane | Seminar on Exploring patenting through research | Department of Computer Engineering,VESIT in association with VESIT IQAC | 30/07/2021 | 30/07/2021 | 1 Day |
| 42 | Dr.Dashrath Mane | Design the thinking-Preparing the entrepreneurship Mindset | VESIT-IIC In association with IQAC | 31/07/2021 | 31/07/2021 | 1 Day |
| 43 | Dr.Dashrath Mane | VREACH 21- "Breaking the Glass Ceiling:Placements Beyond Campus" | VESIT-IQAC | 02/08/2021 | 02/08/2021 | 1 Day |
| 44 | Dr.Dashrath Mane | VREACH 21- "Digitization in Refineries" | VESIT-IQAC | 03/08/2021 | 03/08/2021 | 1 Day |
| 45 | Dr.Dashrath Mane | VREACH 21- "'Odyssey to the Pinnacle' and 'Engineering to Forensics' | VESIT-IQAC | 04/08/2021 | 04/08/2021 | 1 Day |
| 46 | Dr.Dashrath Mane | “Research Area and Funding Prospects for Academic institutions | Department of Computer Engineering,VESIT in association with VESIT IQAC,IIC | 04/08/2021 | 04/08/2021 | 1 Day |
| 47 | Dr.Dashrath Mane | VREACH 21- Cloud Computing using Microservice Architecture | VESIT-IQAC | 05/08 2021 | 05/08 2021 | 1 Day |
| 48 | Dr.Dashrath Mane | VREACH 21- Booting Up: Adventures in Entrepreneurship | VESIT-IQAC | 06/08/ 2021 | 06/08/ 2021 | 1 Day |

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|---|---|---|---|---|---|---|
| 49 | Dr.Dashrath Mane | Pitch like Pro | Department of Computer Engineering,VESIT in association with VESIT IQAC,IIC | 7/08/2021 | 7/08/2021 | 1 Day |
| 50 | Dr.Dashrath Mane | VREACH 21- " Work Life Balance (Entrepreneurship and Choosing Career) " | VESIT-IQAC | 10/08/2021 | 10/08/2021 | 1 Day |
| 51 | Dr.Dashrath Mane | Faculty Development Programme on" AI & Data Science: future of tomorrow" | Department of Computer Engineering, Rajiv Gandhi College of Engineering, Mumbai | 29/07/2021 to 31/07/201 | 5/08/2021 to 07/08/2021 | 6 Day |
| 52 | Dr.Dashrath Mane | “Mastering the Placement Game- Industry Connect, Student Competencies & Training Interventions" | IBS Mumbai | 21/08/2021 | 21/08/2021 | 1 Day |
| 53 | Dr.Dashrath Mane | National Webinar on "Career Opportunities in Networking (AMI – CISCO CONNECT)” | Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior | 01/10/2021 | 01/10/2021 | 1 Day |
| 54 | Mrs Indu Dokare | Deep Learning Onramp | MathWorks | 30/07/2021 | 03/08/2021 | 5 Days |
| 55 | Mrs Indu Dokare | Machine Learning Onramp | MathWorks | 24/10/2021 | 29/10/2021 | 5 Days |
| 56 | Mrs Indu Dokare | Vreach- "Breaking the Glass Ceiling:Placements Beyond Campus" | V-Reach program under VESIT-IQAC | 02/08/2021 | 02/08/2021 | 1 Day |
| 57 | Mrs. Vidya Zope | Research Talk on “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 30/07/2021 | 30/07/2021 | 1 Day |
| 58 | Mrs. Vidya Zope | Research Talk on “Pitch Like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 07/08/2021 | 07/08/2021 | 1 Day |

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| 59 | Mrs. Vidya Zope | “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 04/08/2021 | 04/08/2021 | 1 Day |
| 60 | Mrs. Vidya Zope | " Work Life Balance (Entrepreneurship and Choosing career)" | V-Reach program under VESIT-IQAC | 10/08/2021 | 10/08/2021 | 1 Day |
| 61 | Mrs. Vidya Zope | "Breaking the Glass Ceiling:Placements Beyond Campus" | V-Reach program under VESIT-IQAC | 02/08/2021 | 02/08/2021 | 1 Day |
| 62 | Mrs. Vidya Zope | National Webinar on Research, Innovation, and Ranking as the part of the one-year celebration of National Education Policy 2020 (NEP 2020) | MoEs’ Innovation Cell and AICTE | 11/08/2021 | 11/08/2021 | 1 Day |
| 63 | Mrs. Lifna C S | Research Talk on “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 04/08/2021 | 04/08/2021 | 1 Day |
| 64 | Mrs. Lifna C S | Research Talk on “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 30/07/2021 | 30/07/2021 | 1 Day |
| 65 | Mrs. Lifna C S | “Online Workshop On Mendeley Reference Manager” | Research Forum VESIT In association with Department of Master of Computer Applications(MCA) | 29/09/2021 | 29/09/2021 | 1 Day |
| 66 | Mrs. Lifna C S | Online Innovation Ambassador training (Foundation Level) | MoE's Innovation Cell & AICTE | 05/08/ 2021 | 31/08/2021 | Total 16 Sessions of 30 contact hours |

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| 67 | Mrs. Lifna C S | Azaadi Ki Amrut Mahotsav - Environment and Sustainability Pledge to commemorate 75 Years of Independence | Department of Computer Engineering | 27/09/2021 | 27/09/2021 | 1 Day |
| 68 | Mrs. Lifna C S | Design The Thinking - Preparing the Entrepreneurship Mindset session | Vivekanand Education Society's Institute of Technology<br>In association with VESIT IQAC and IIC | 31/07/2021 | 31/07/2021 | 1 day |
| 69 | Mrs. Abha Tewari | AICTE Atal FDP on Artificial Intelligence impacts on Telemedicine | Gokaraju Rangaraju Institute of Engineering and Technology. | 02/08/2021 | 06/08/2021 | 5 Day |
| 70 | Mrs. Abha Tewari | AICTE Atal FDP on PATENT LAW FOR ENGINEERS AND RESEARCHERS | PRATHYUSHA ENGINEERING COLLEGE. | 26/07/ 2021 | 30/07/ 2021 | 5 Day |
| 71 | Mrs. Abha Tewari | Webinar Research Talk on "Pitch like a Pro" | Department of Computer Engineering under the guidance of VESIT-IQAC and<br>VESIT-Research Forum, in association with VESIT-IIC | 07/08/2021 | 07/08/2021 | 1 Day |
| 72 | Mrs. Abha Tewari | "Research Area and Funding Prospects for Academic Institutions" | Department of Computer Engineering under the guidance of VESIT-IQAC and<br>VESIT-Research Forum, in association with VESIT-IIC | 04/08/2021 | 04/08/2021 | 1 Day |
| 73 | Mrs. Abha Tewari | Webinar on Design The Thinking - Preparing the Entrepreneurship Mindset session | VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 31/07/2021 | 31/07/2021 | 1 Day |
| 74 | Mrs. Abha Tewari | "Digitization in Refineries" | V-Reach program under VESIT-IQAC | 03/08/2021 | 03/09/2021 | 1 Day |
| 75 | Mrs. Abha Tewari | Work Life Balance (Entrepreneurship and Choosing Career) | V-Reach program under VESIT-IQAC | 10/08/2021 | 10/09/2021 | 1 Day |
| 76 | Mrs. Pallavi Gangurde | One month online internship in RESEARCH TRAINING | MSME Technology Development Centre (PPDC), Govt. of India | 05.07.2021 | 05.08.2021 | 1 Month |

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| 77 | Mrs. Pallavi Gangurde | "Cloud Computing using Microservice Architecture" | V-Reach program under VESIT-IQAC | 05/08/2021 | 05/08/2021 | 1 Day |
| 78 | Mrs. Pallavi Gangurde | Webinar Research Talk on “Research Area and Funding Prospects for Academic Institutions” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 04/08/2021 | 04/08/2021 | 1 Day |
| 79 | Mrs. Pallavi Gangurde | Webinar Research Talk on “Pitch Like a Pro” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 07/08/2021 | 07/08/2021 | 1 Day |
| 80 | Mrs. Pallavi Gangurde | Webinar Research Talk on “Exploring Patenting through Research” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 30/07/2021 | 30/07/2021 | 1 Day |
| 81 | Mrs.Nusrat Ansari | AICTE Sponsored One Week Online Short Term Training Program on “Telecommunication Networks- Phase II” conducted from . | Department of Electronics & Telecommunication Engineering Vidyalankar Institute of Technology | 05/07/2021 | 10/07/2021 | 1 Week |
| 82 | Mrs.Nusrat Ansari | Webinar Research Talk on “Pitch Like a Pro” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 07/08/2021 | 07/08/2021 | 1 Day |
| 83 | Mrs.Nusrat Ansari | Webinar on Design The Thinking - Preparing the Entrepreneurship Mindset session | VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 31/07/2021 | 31/07/2021 | 1 Day |
| 84 | Mrs.Nusrat Ansari | AICTE Sponsored One Week Online Short Term Training Program on BLOCKCHAIN & IT’S APPLICATIONS (Phase – III) | Department of Information Technology in association with Departments of Computer Engineering & Master of Computer Applications | 12/07/2021 | 17/07/2021 | 1 Week |

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| 85 | Mrs. Sunita Suralkar | "Cloud Computing using Microservice Architecture" | V-Reach program under VESIT-IQAC | 05/08/2021 | 05/08/2021 | 1 Day |
| 86 | Mrs. Sunita Suralkar | Webinar Research Talk on “Research Area and Funding Prospects for Academic Institutions” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 04/08/2021 | 04/08/2021 | 1 Day |
| 87 | Mrs. Sunita Suralkar | Webinar Research Talk on “Exploring Patenting through Research” | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 30/07/2021 | 30/07/2021 | 1 Day |
| 88 | Mrs.Rupali Hande | One week Online Elementary "Faculty Development Program on QUANTUM COMPUTING" | AICTE Training And Learning (ATAL) Academy at IIIT Dharwad. | 19/07/2021 | 23/07/2021 | 5 Days |
| 89 | Mrs.Rupali Hande | Research Talk on “Pitch Like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 07/08/2021 | 07/08/2021 | 1 Day |
| 90 | Mrs.Rupali Hande | “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 04/08/2021 | 04/08/2021 | 1 Day |
| 91 | Mrs.Rupali Hande | One Week National Level Faculty Development Program on "Android App Using Kotlin" | Department of Computer Engineering, VPPCOE & VA under IQAC in association with Spoken Tutorials IIT Bombay. | 05/08/2021 | 10/08/2021 | 5 Days |
| 92 | Mrs Sujata Khandaskar | Online FDP on "Insights of NBA". | KC college of Engineering, Thane, | 28/06/2021 | 30/06/2021 | 3 days |

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| 93 | Mrs. Pallavi Saindane | One Week National Level Faculty Development Program on "Android App Using Kotlin" | Department of Computer Engineering, VPPCOE & VA under IQAC in association with Spoken Tutorials IIT Bombay. | 05/07/2021 | 10/07/2021 | 5 Days |
| 94 | Mrs. Pallavi Saindane | One week Online Elementary "Faculty Development Program on QUANTUM COMPUTING" | AICTE Training And Learning (ATAL) Academy at IIIT Dharwad. | 19/07/2021 | 23/07/2021 | 5 Days |
| 95 | Mrs. Pallavi Saindane | Webinar Research Talk on “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 30/07/2021 | 30/07/2021 | 1 Day |
| 96 | Mrs. Pallavi Saindane | Webinar Research Talk on “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 04/08/2021 | 04/08/2021 | 1 Day |
| 97 | Mrs. Pallavi Saindane | Webinar Research Talk on “Pitch like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 07/08/2021 | 07/08/2021 | 1 Day |
| 98 | Mrs.Richa Sharma | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Quantum computing | IIIT Dharwad | 19-07-2021 | 23-07-21 | 5 days |
| 99 | Mrs.Richa Sharma | Spoken Tutorial Project at IIT Bombay, | VASANTDADA PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING & VISUAL ARTS | 05-07-2021 | 10-07-2021 | 6 days |

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| 100 | Mrs.Richa Sharma | Research Talk on “Pitch Like a Pro” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 07/08/2021 | 07/08/2021 | 1 Day |
| 101 | Mrs.Richa Sharma | Research Talk "Exploring Parenting Through Research" | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 30/07/2021 | 30/07/2021 | 1 Day |
| 102 | Mrs.Richa Sharma | E-Session on Start-up and Fund Raising | Department of Master of Computer Applications(MCA) In association with VESIT IQAC and IIC | 27/07/2021 | 27/07/2021 | 1 Day |
| 103 | Mrs.Richa Sharma | E-Session Belling the “CAT" | V-Reach program under VESIT-IQAC | 13/08/2021 | 13/08/2021 | 1 Day |
| 104 | Mrs.Richa Sharma | Research Talk on “Research Area and Funding Prospects for Academic Institutions” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 04/08/2021 | 04/08/2021 | 1 Day |
| 105 | Mrs.Ashvini Gaikwad | One week national level Faculty Development Program on "Android App Using Kotlin" | Department of Computer Engineering, VPPCOE & VA under IQAC in association with Spoken Tutorials IIT Bombay. | 05/07/2021 | 10/07/2021 | 5 Days |
| 106 | Mrs.Ashvini Gaikwad | Research Forum Talk: Research Areas and Funding prospects for Academic Institutions" | Department of CMPN under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC | 04/07/2021 | 04/07/2021 | 1 Day |
| 107 | Ashvini Gaikwad | Online Faculty Development Program on "AI and Data Science - The Future of Tomorrow!". | Department of Computer Engineering, at MCT's Rajiv Gandhi , Institute of Technology , Mumbai | 29/07/2021 31/07/2021 | 05/08/2021 07/08/2021 | 6 Days |
| 108 | Mrs.Veena Trivedi | E yantra:Technical Session on IoT | IIT Bombay | 01/10/2021 | 01/10/2021 | 1 Day |

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|---|---|---|---|---|---|---|
| 109 | Mrs.Prerna Solanke | Web development | Brainovision | 12/07/21 | 16/07/2021 | 5 days |

### 1.3.2 Orientation Programme Attended by Faculty (Total 13)

| Sr. No. | Attended By | Course description | Organized by | From Date | To Date | Number of days |
|---|---|---|---|---|---|---|
| 1 | Dr. Nupur Giri | Orientation for the subject "Computer Networks" and "Computer Networks Lab" | Universal College of Engineering | 07-07-2021 | 07-07-2021 | 1 Day |
| 2 | Dr. Gresha Bhatia | Mini Project 2A, Orientation | VESIT | 05-07-2021 | 05-07-2021 | 1 Day |
| 3 | Dr. Gresha Bhatia | "Data Warehousing and Mining" Semester V of Rev-2019C Computer Engineering | Computer Engineering Department, St.Xavier Institute of Technology | 08-07-2021 | 08-07-2021 | 1 Day |
| 4 | Dr Sujata Khedkar | Online Orientation Program of subject " Theoretical Computer Science" of Sem V, Rev-2019 'C' Scheme | M. H Saboo Siddik College of Engineering, Byculla, Mumbai on behalf of University of Mumbai | 06-07-2021 | 06-07-2021 | 1 Day |
| 5 | Dr. Sharmila Sengupta | Orientation Program of TE Computer Engineering (Rev.2019) | Universal College of Engineering | 07-07-2021 | 07-07-2021 | 1 Day |
| 6 | Geocey Shejy | “Internet Programming” (Department Level Elective I) of semester V of REV-2019 ‘C’ Scheme Computer Engineering | Computer Engineering Department, Atharva College of Engineering,Mumbai | 05-07-2021 | 05-07-2021 | |
| 7 | Dr.Dashrath Mane | "Data Warehousing and Mining" Semester V of Rev-2019C Computer Engineering | Computer Engineering Department, St.Xavier Institute of Technology | 08-07-2021 | 08-07-2021 | |

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| 8 | Mrs. Lifna C S | Online Orientation Program of subject " Theoretical Computer Science" of Sem V, Rev-2019 'C' Scheme | M. H Saboo Siddik College of Engineering, Byculla, Mumbai on behalf of University of Mumbai | 06/07/2021 | 06/07/2021 | 1 Day |
| 9 | Nusrat Ansari | Orientation for the subject "Computer Networks" and "Computer Networks Lab" | Universal College of Engineering | 07-07-2021 | 07-07-2021 | 1 Day |
| 10 | Mrs.Rupali Hande | Orientation of subject "Data Warehousing and Mining and Data Warehousing and Mining Lab semester V of REV-2019 'C' Scheme Computer Engineering | Computer Engineering Department, Xavier Institute of Engineering, Mahim. | 08/07/2021 | 08/07/2021 | 1 Day |
| 11 | Mrs.Rupali Hande | Orientation of subject "Theory of Computer Science semester V of REV-2019 'C' Scheme Computer Engineering | Computer Engineering Department,M. H. Saboo Siddik college of Engineering | 06/07/2021 | 06/07/2021 | 1 Day |
| 12 | Mrs. Pallavi Saindane | Orientation of subject "Internet Programming" (Department Level Elective I) of semester V of REV-2019 'C' Scheme Computer Engineering | organized on behalf of the University of Mumbai (online) by Computer Engineering Department, Atharva College of Engineering,Mumbai | 05/07/2021 | 05/07/2021 | 1 Day |
| 13 | Mrs.Ashvini Gaikwad | Faculty Orientation Program on ITC501: Internet Programming and ITL501: IP Lab | Department of Information Technology,Vidyavardhini's College of Engineering & Technology on behalf of University of Mumbai. | 21/06/2021 | 21/06/2021 | 1 Day |

## 1.4 Skill Development Activities

### 1.4.1 Certification Exams

#### 1.4.1.1 NPTEL Certifications (Total 02 )

| Sr. No. | Name of Faculty | Course Description | Organized By | Period | Score |
|---|---|---|---|---|---|
| 1 | Richa Sharma | German Language -II | IIT Madras | 12 Weeks | 90% |
| 2 | Richa Sharma | Cryptography and Network Security | IIT Kharagpur | 12 Week | 68% |

#### 1.4.1.2 Coursera Certifications: (Total 01)

| Sr. No. | Name of Faculty | Course Description | Organized By | Period | Score |
|---|---|---|---|---|---|
| 1 | Sunita Suralkar | Cloud Computing Applications, Part 1: Cloud Systems and Infrastructure | Coursera - University of Illinois at Urbana-Champaign | 4 weeks | 95.83% |

#### 1.4.1.3 NITTT Certifications: (Total 06)

| Sr. No. | Name of Faculty | Course Description | Score |
|---|---|---|---|
| 1 | Sanjay Mirchandani | Module 3_ Communication Skills, Modes & Knowledge Dissemination | 71.40% |
| 2 | Sanjay Mirchandani | Module 4_ Instructional Planning and Delivery | 61.10% |
| 3 | Sanjay Mirchandani | Module 4_ Instructional Planning and Delivery | 92.30% |
| 4 | Sanjay Mirchandani | Module 6_ Student Assessment and Evaluation | 89.20% |

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|---|---|---|---|
| 5 | Sanjay Mirchandani | Module 7_ Creative Problem Solving , Innovation and Meaningful R & D | 63.50% |
| 6 | Sanjay Mirchandani | Module 8_ Institutional Management & Administrative Procedures | 70.60% |

## 1.5 Research Forum Activities

### 1.5.1 Research Grants

#### 1.5.1.1 Major Research Grants ( Total 05 )

| Sr. No. | Name of Faculty | Title | Amount | Start Date | End Date |
|---|---|---|---|---|---|
| 1. | Dr. Nupur Giri | Climate, Air Pollution and Forest Fires : AI based models for Indian case study. | $5,000 | 13/10/2021 | 22/11/2022 |
| 2 | Dr. Sharmila Sengupta | AI for Earth Microsoft Azure Compute Grant for"AI based statistical analysis of pollution due to land and ocean plastic waste in India" | $15000 USD | 18/10/2021 | 22/11/2022 |
| 3. | Mrs. Priya R. L. | AI for Earth Microsoft Azure Compute Grant for"AI based statistical analysis of pollution due to land and ocean plastic waste in India" | $15000 USD | 18/10/2021 | 22/11/2022 |
| 4. | Mrs. Sunita Sahu | AI for Earth Microsoft Azure Compute Grant for"Forecasting of Carbon Emissions due to Meat Industry" | $15000 USD | 18/10/2021 | 22/11/2022 |
| 5. | Mrs.Richa Sharma | AI for Earth Microsoft Azure Compute Grant for"Forecasting of Carbon Emissions due to Meat Industry" | $15000 USD | 18/10/2021 | 22/11/2022 |

### 1.5.1.2 Minor Research Grants ( Total 06)

| Sr. No | Name of Faculty | Title of Project | Amount | Sanctioning Organization |
|---|---|---|---|---|
| 1 | Mrs. Sharmila Sengupta | Sahara: A stanchion for the blind | ₹30,000 | University of Mumbai |
| 2 | Mrs.Vidya Zope | Trail-Tracker: Antipoaching Intelligence using AI and IoT | ₹10,000 | University of Mumbai |
| 3 | Mrs. Lifna C S | Coreveillance- Making our world a “SAFER” Place | ₹15,000 | University of Mumbai |
| 4 | Mrs. Abha Tewari | Food to People: A Blockchain Solution | ₹25,000 | University of Mumbai |
| 5 | Mrs Nusrat Ansari | Cost effective electronic limbs | ₹45,000 | University of Mumbai |
| 6 | Mr. Richard Joseph | FireMan Helper | ₹15,000 | University of Mumbai |

### 1.5.3 Research Papers Published ( Total 12 )

1. Dr Nupur Giri, Dheeraj Singh Jodha, Yash Goyal, Akshay Thite, Abhay Tiwari,"Foreign money transfer using blockchain" in ITM Web Conf. Volume 40, 2021 International Conference on Automation, Computing and Communication 2021 (ICACC-2021), https://doi.org/10.1051/itmconf/20214003015.
2. Dr Nupur Giri, Jay Dulera; Rohan Ghosalkar; Arnav Bagchi; Khushi Makhijani,"Forecasting Trends of Tuberculosis in India using Artificial Intelligence and Machine Learning" in 2021 IEEE 9th International Conference on Healthcare Informatics (ICHI), 10.1109/ICHI52183.2021.00102, Electronic ISSN: 2575-2634 Print on Demand(PoD) ISSN: 2575-2626, Electronic ISBN:978-1-6654-0132-6 Print on Demand(PoD) ISBN:978-1-6654-2980-1.
3. Dr Nupur Giri, Sujitkumar Singh, Tina Chandwani, Rahul Tejwani, Suraj Shahri,"Using AI and Blockchain in the Healthcare Systems" in International Research Journal of Engineering and Technology (IRJET) Volume 8, Issue 9, , e-ISSN: 2395-0056 p-ISSN: 2395-0072.
4. Dr Nupur Giri, Siddharth Bugtani, Yashvi Hiranandani, Vishwesh Jagtap, Kabir Rajpal,"AI for sustainability Spice Yield Prediction using Indian Climatic Parameters" in Global Scientific Journal, Volume 9, Issue 8, August 2021,, , ISSN: 2320-9186,
5. Dr. Gresha S Bhatia , Pratiksha Wadibhasme,Anjali Amin, Gulhane Kataria, Vanshika Khanna,"Vardaan – A fast Secure application to assist Organ Transplantation using Green Corridor" in Cyber Security Threats and challenges in Human life: A Comprehensive Study
6. Nachnani, Dimple and Mathurvaishya, Etisha and Haswani, Sakshi and Dali, Swarangi and Sengupta, Sharmila, AiDD – Assisting the ADHD Children and Doctors (May 7, 2021). Available at SSRN: https://ssrn.com/abstract=3866807 or

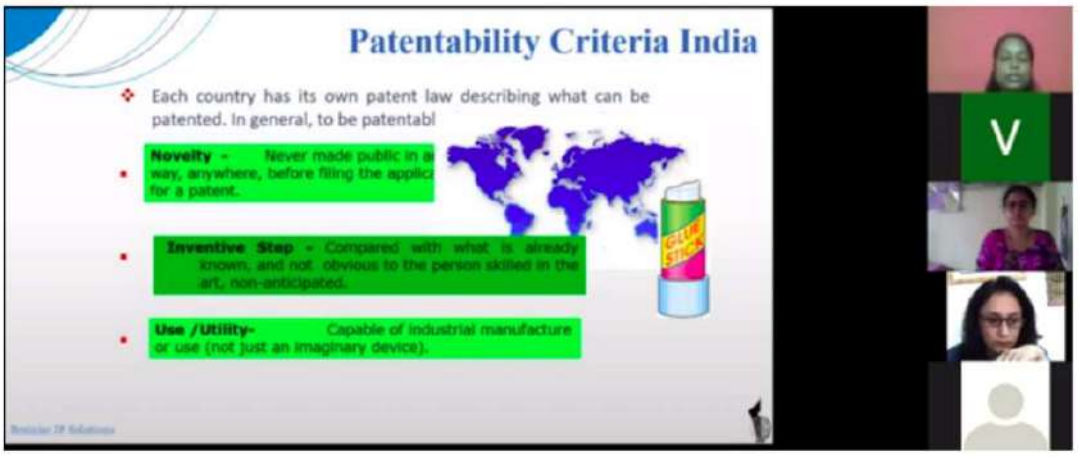
http://dx.doi.org/10.2139/ssrn.3866807.

7. Dr. Sharmila Sengupta, Shreyas Talole , Aditya Shinde , Atharva Bapat ,"Building a Neural Network for identification and localisation of diseases from images of Eye Sonography" in International Conference on Innovations in Computational Intelligence and Computer Vision (ICICV-2021) Springer.
8. Mr. Prashant Kanade, Puneet V. Meghrajani, Amit V. Joshi, Jayesh Shadi,"Chikitsak: Disease Prediction System Using Machine Learning" in International Research Journal of Engineering and Technology (IRJET), volume 8 , Issue 7, , e-ISSN 2395-0056
9. Mrs. Vidya S Zope, Nikhil Joshi Srivatsan Iyengar,Krish Mahadevan, Meher Singh,"Efficient Social Distancing Detection using Object Detection and Triangle Similarity " in Communications in Computer and Information Science book series
10. Mrs. Abha Tewari, Roshnee Matlani,Roshan Dadlani,Sharv Dumbre, Shruti Mishra,"Virtual Mouse using Hand Gestures" in International conference on technological advancements and innovations
11. Roshnee Matlani, Roshan Dadlani, Sharv Dumbre , Shruti Mishra ,Pallavi Saindane “Deppy:Your Virtual Companion” at 2nd International Conference on Data Intelligence and Cognitive Informatics ,ICDICI-2021.
12. Sejal Budhani, Roshni Kataria, Mahek Nagdev, Shikhar Niranjani , Pallavi Saindane in “Moelleux - Music Recommendation System” , at 2nd International Conference on Data Intelligence and Cognitive Informatics, ICDICI-2021

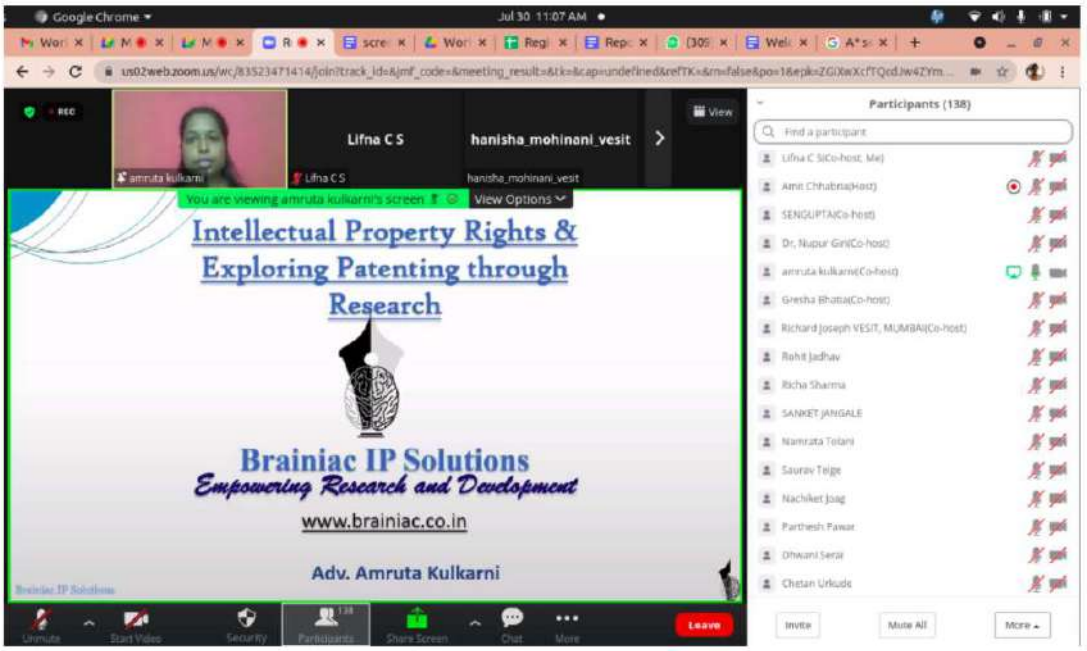
### 1.5.4 Expert Talk ( Total 03)

| Sr No | Resource Person | Title | Date |
|---|---|---|---|
| 1 | Ms. Amruta Kulkarni<br>Brainiac IP Solutions | Exploring Patenting through Research | 30th July 2021 |
| 2 | Dr. B Satyanarayana<br>India- Based Neutrino Observatory (INO) | Research Areas and Funding prospects for Academic Institutions | 4th August 2021 |
| 3 | Mr. Chintan Oza<br>Your Sherpa in Digital & beyond \| President India Region at OneQuantum Director at Founder Institute Mumbai | Pitch Like a Pro | 7th August 2021 |

## 1.Expert talk on Exploring Patenting through Research




**Ms. Amruta Kulkarni, discussing on Patentability Criteria in India**



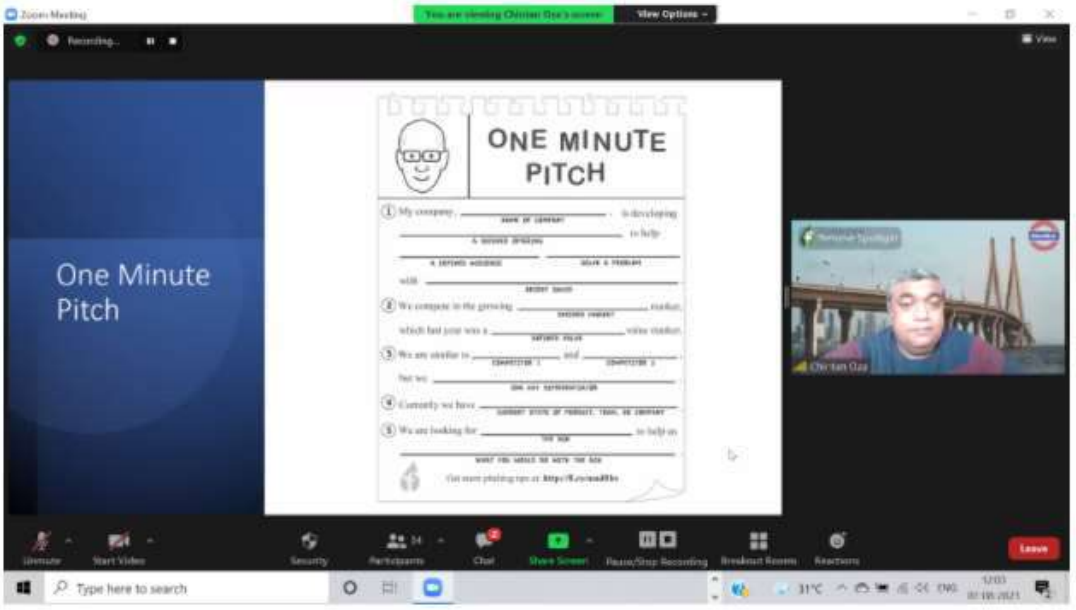

***Speaker along with the Participants during the session***

## 2.Expert talk on Research Areas and Funding prospects for Academic Institutions

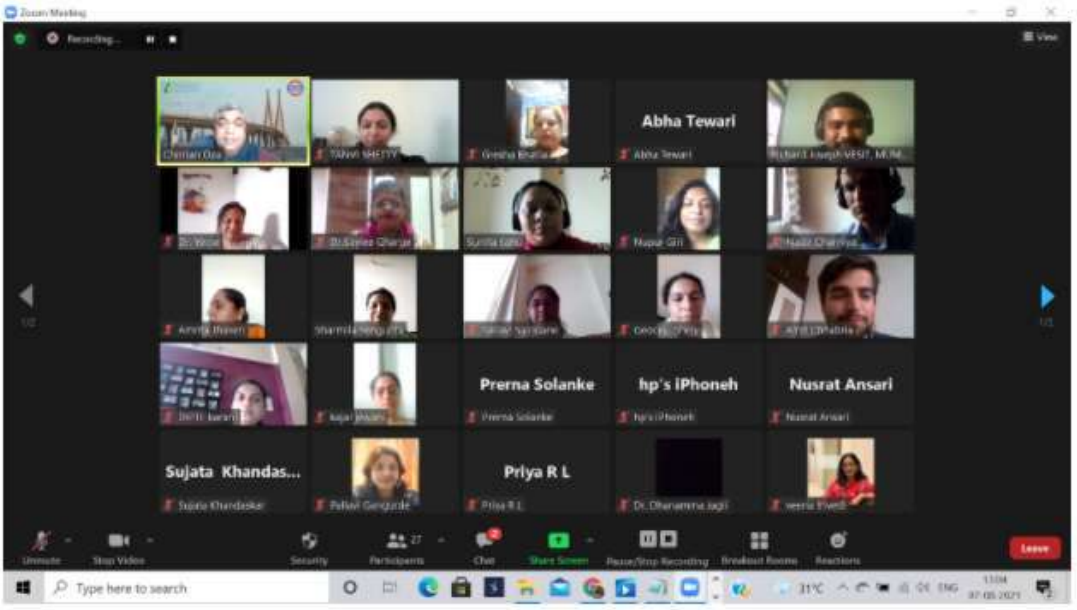
**Dr. B Satyanarayana, discussing on Funding Agencies in India**

*Speaker along with the Participants during the session*

### 3. Expert Talk on Pitch Like a Pro




**Mr. Chintan Oza, discussing one minute pitch**




***Speaker along with the Participants during the session***

## 1.6 Interaction with outside world

### 1.6.1 Conference / Journal Reviewer / Session Chair

**Paper Reviewer**

| Sr. No. | Name of Faculty | Course Description | Organized By | Review Dates | No of papers |
|---|---|---|---|---|---|
| 1. | Dr. Gresha Bhatia | IEEE Access | IEEE | 17/07/2021 | 4 |
| 2. | Dr. Gresha Bhatia | book chapter of book title "Cyber Security Threats and Challenges facing Human Life" | Taylor and Francis , CRC Press | 01-07-2021 | |
| 3. | Dr Sujata Khedkar | AICTE Sponsored International E- Conference on Advances in Information Technology and Research (ICIATR) | Organized by VIT, | 31/05/21 to 01/6/2021 | 4 |
| 4. | Dr. Sharmila Sengupta | "PAPR Reduction Methods based on Bit Flipping" in Chung-kuo Kung Ch'eng Hsueh K'an/Journal of the Chinese Institute of Engineers | Taylor and Francis | 02/10/2021 | 1 |

## 1.7 Accomplishments

Dr. Dashrath Mane was conferred with Ph.D. in Computer Science and Engineering on 28th April 2021 ,thesis entitled "An Integrated Approach Combining, Netnography and Text Mining to Assess Traveler's Perceptions Towards Online Travel Related Services in India" under the guidance of Dr. Prateek Srivastava Department of Computer Science & Engineering, School of Engineering, Sir Padampat Singhania University, Udaipur India.

Dr.(Mrs.) Rohini Temkar was conferred with PhD degree in Computer Science and Engineering on 12th October 2021, thesis entitled " Designing a framework for software quality Assurance in Internet of Things- A Data governance perspective" under guidance of Dr. Anand Bhaskar, Sir Padampat Singhania University, Udaipur

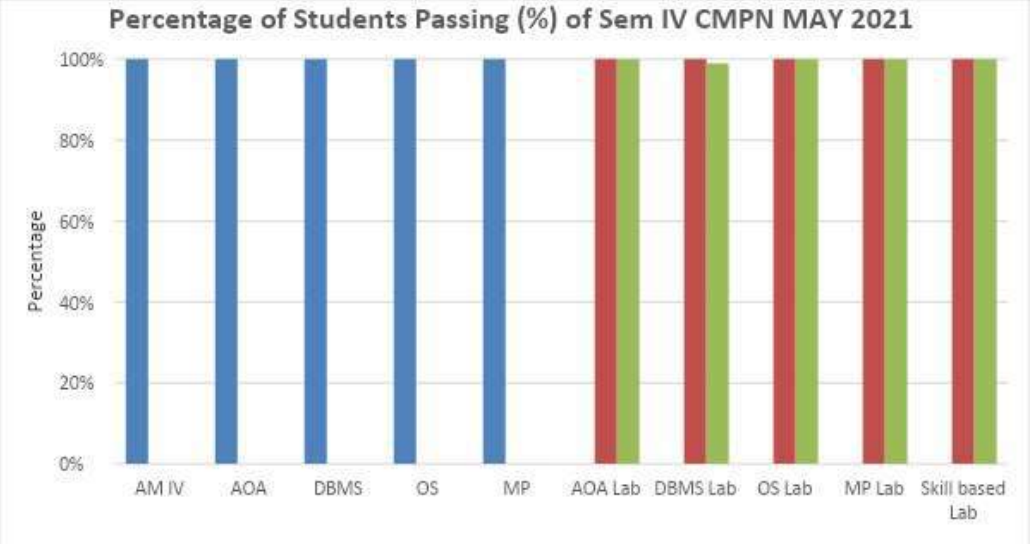
# 2 Student Portfolio

## 2.1 Student Achievements

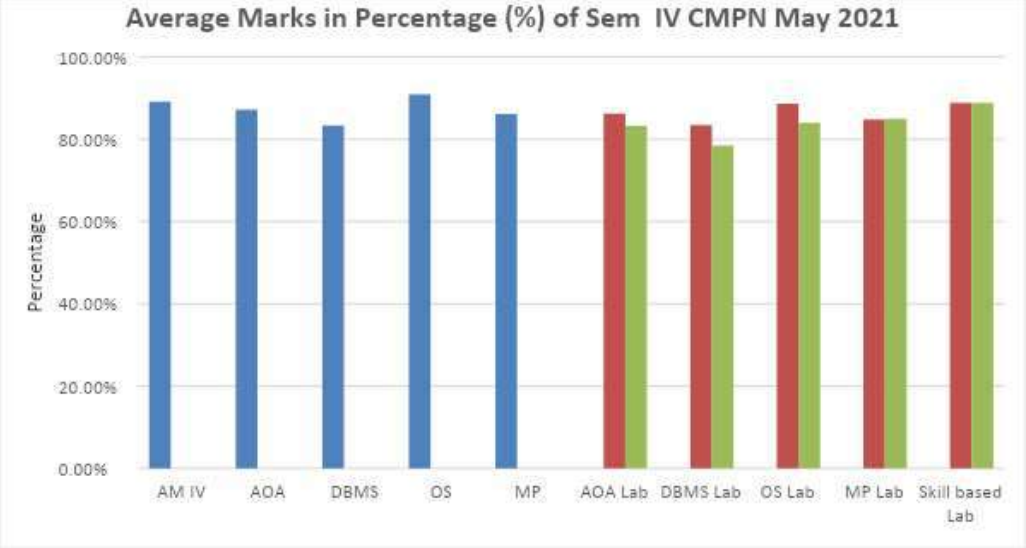
### 2.1.1 Academic Excellence :Statistical graphs illustrating the performance of the Students by the end semester results from University of Mumbai

The following graphs show the pass/fail counts and end semester performance of students for Semester IV to VIII

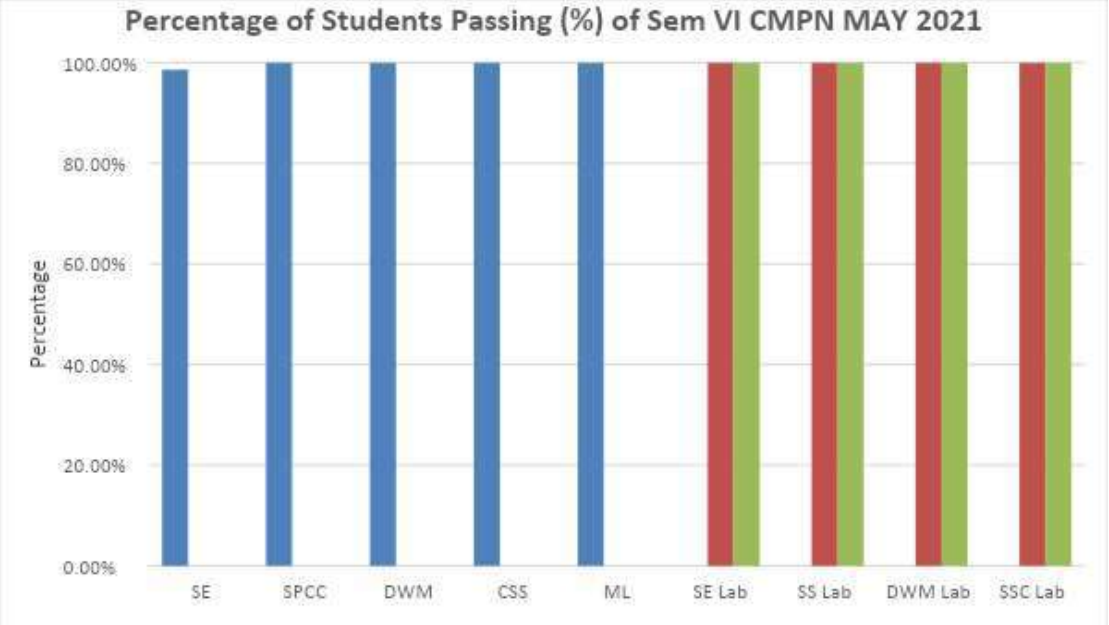
Course Performance



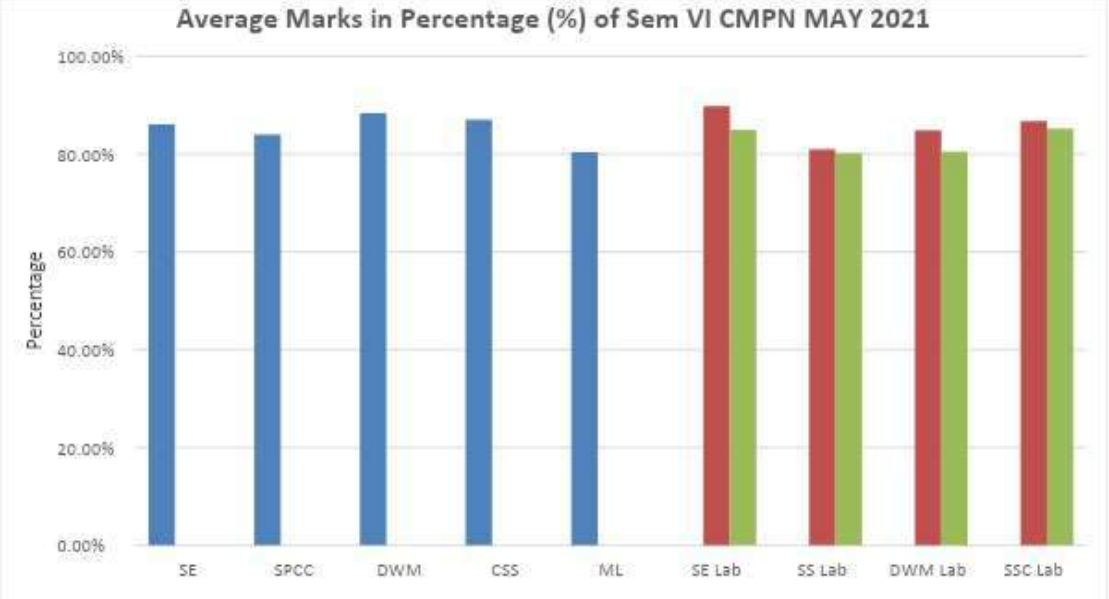

End Semester Report



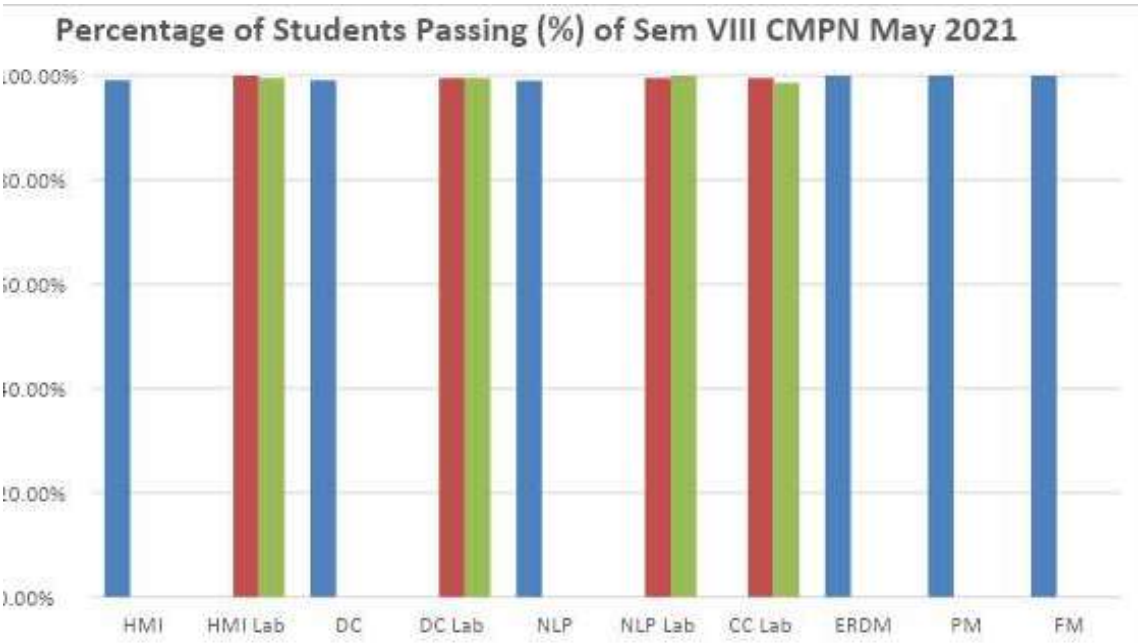
Course Performance



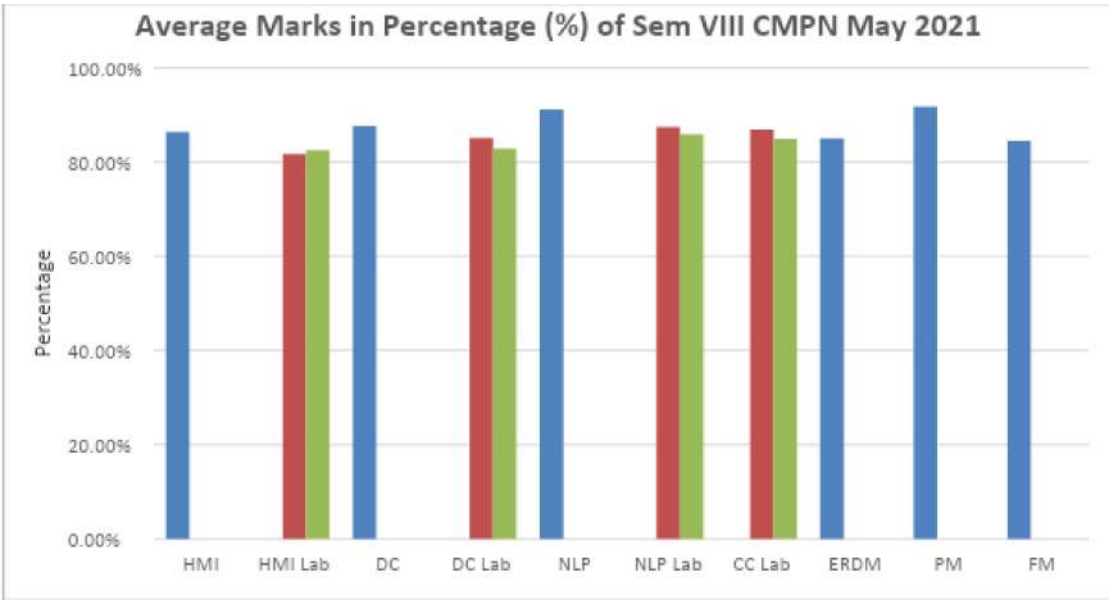

End Semester Report



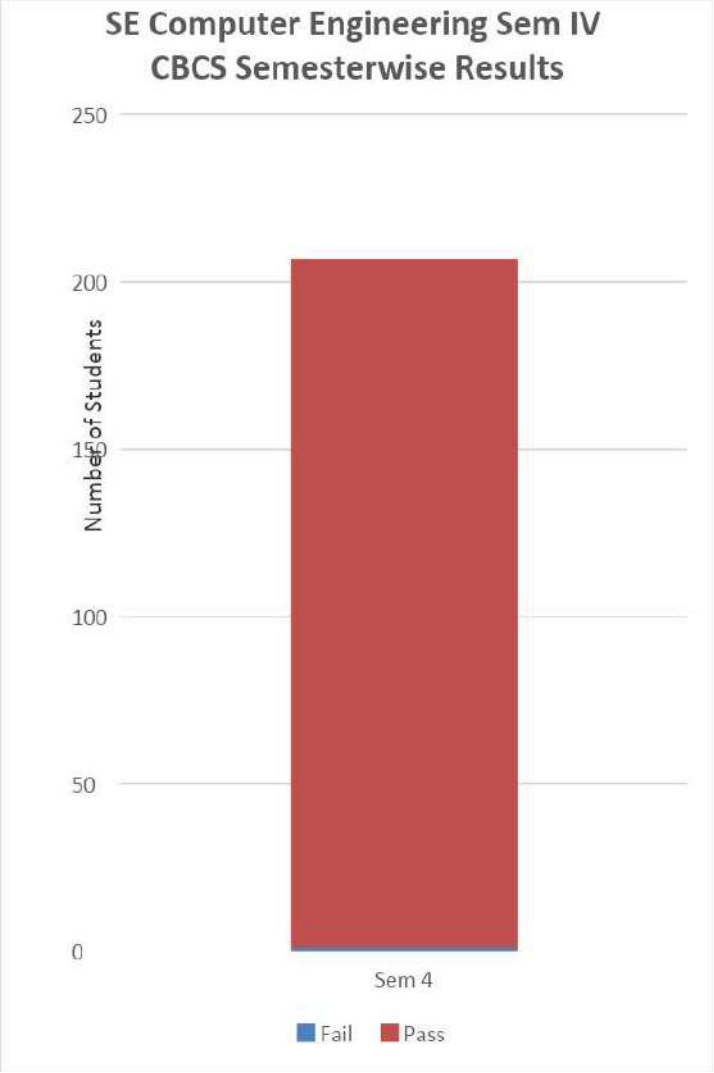
Course Performance

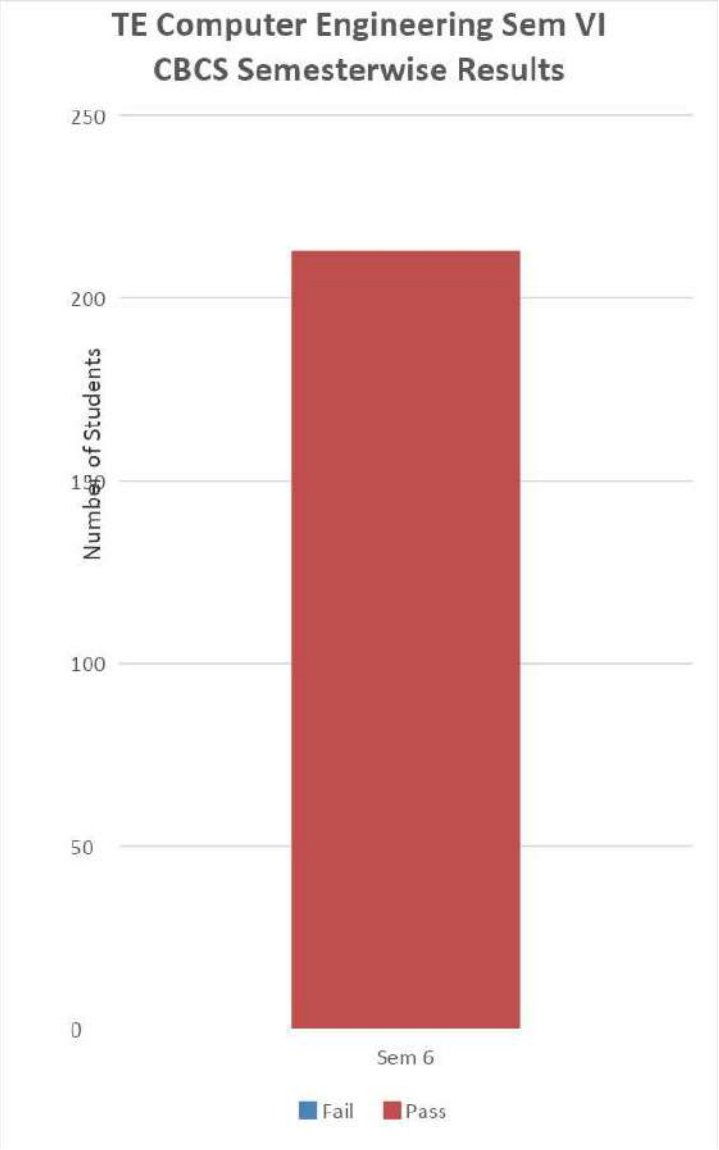


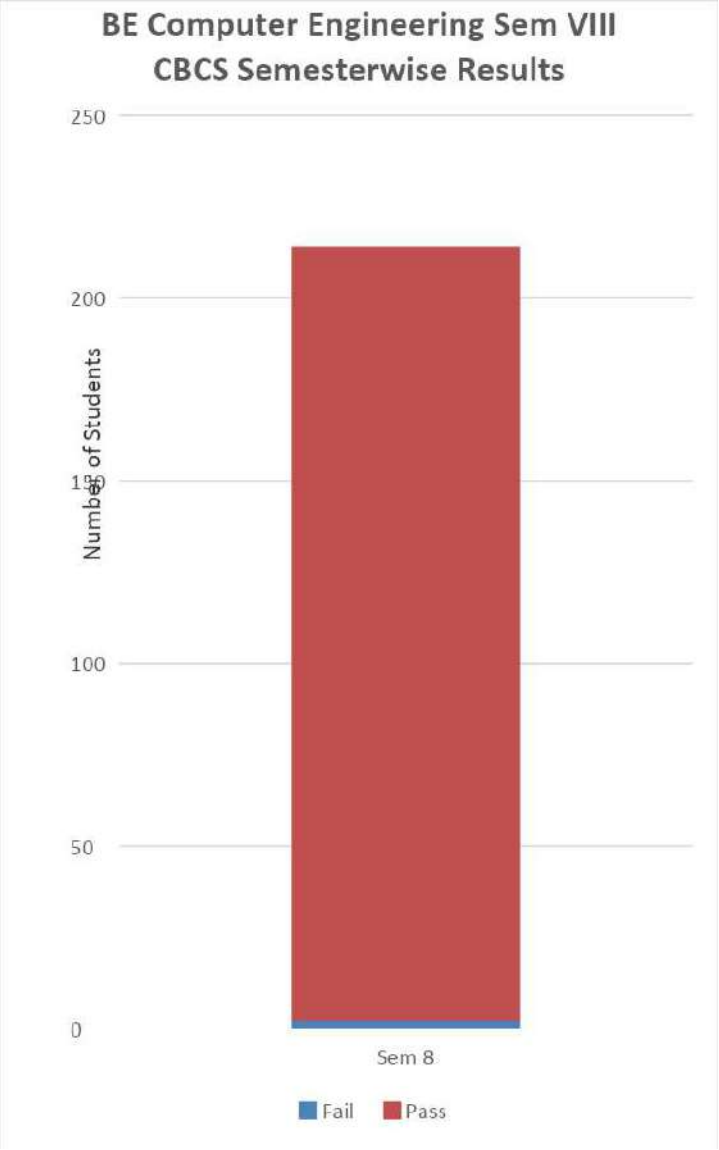

End Semester Report

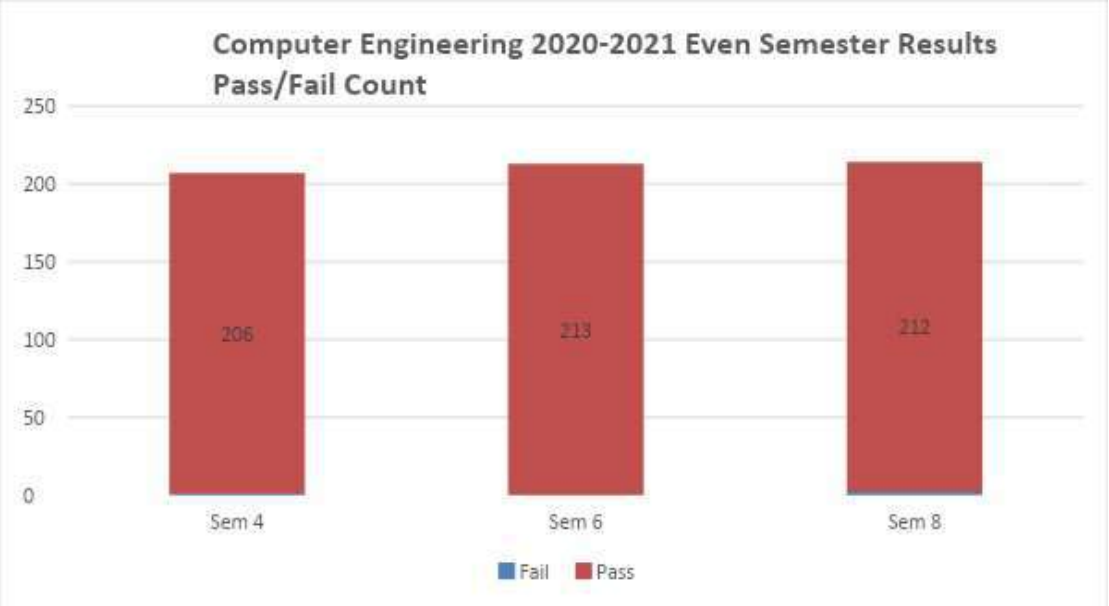


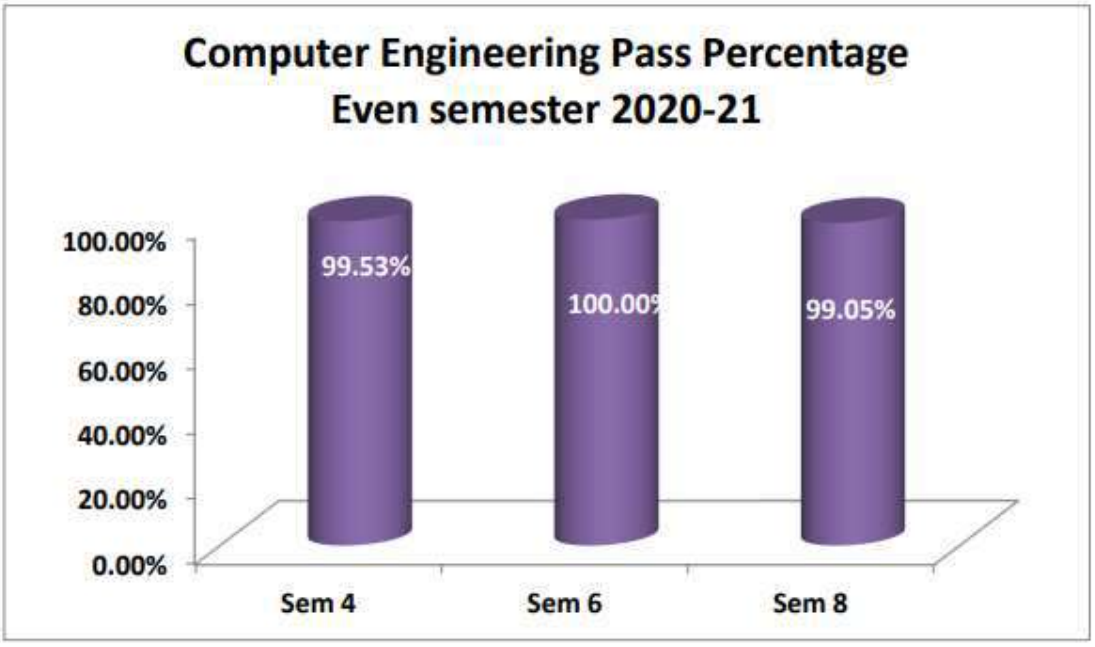
**Statistical graphs illustrating the Semester/Year Wise Result Analysis of Second Year (S.E.), Third Year (T.E.) and Final Year (B.E.):**



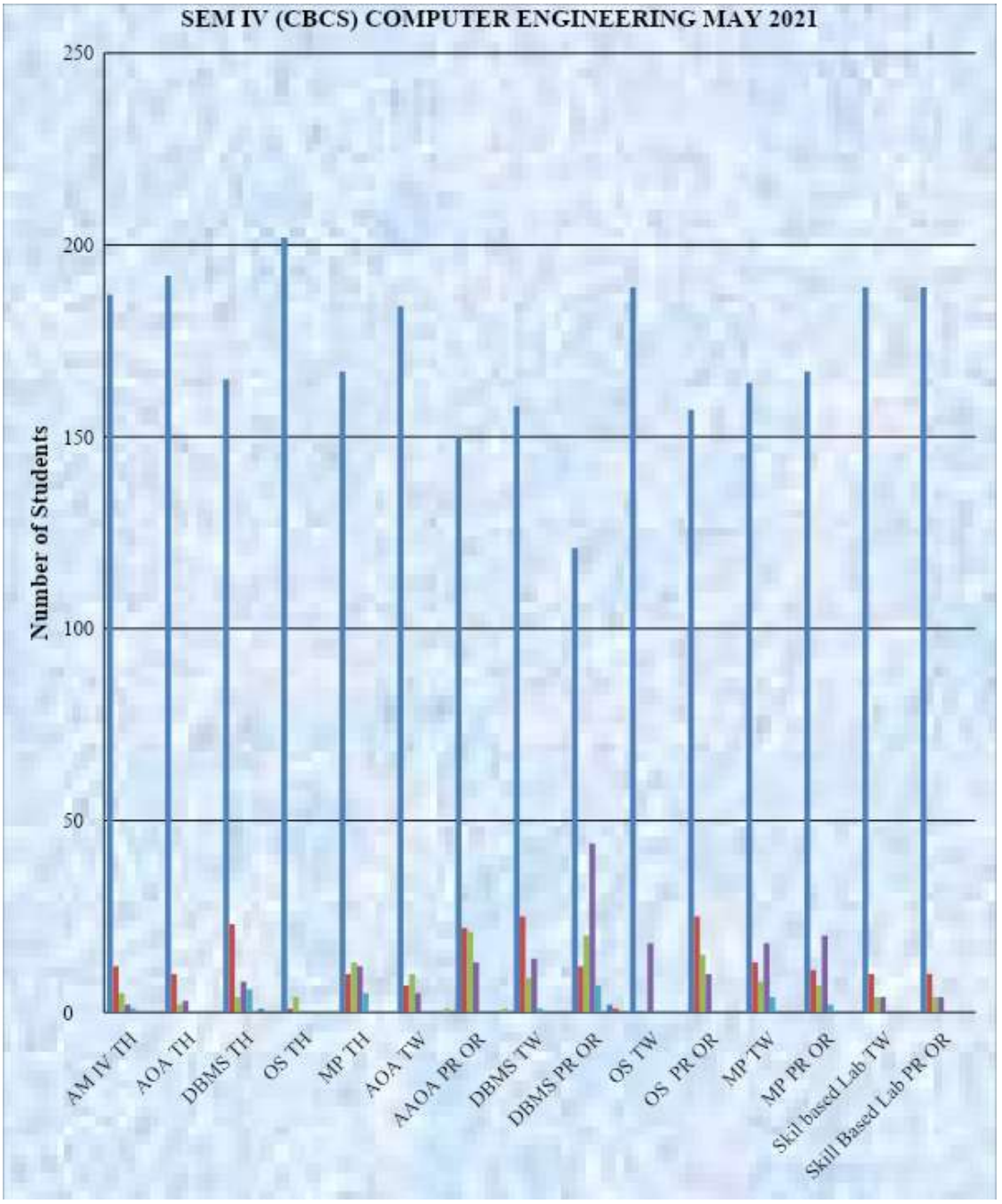

TE Computer Engineering Sem VI
CBCS Semesterwise Results
250
200
150
100
50
0
Number of Students
Sem 6
Fail
Pass

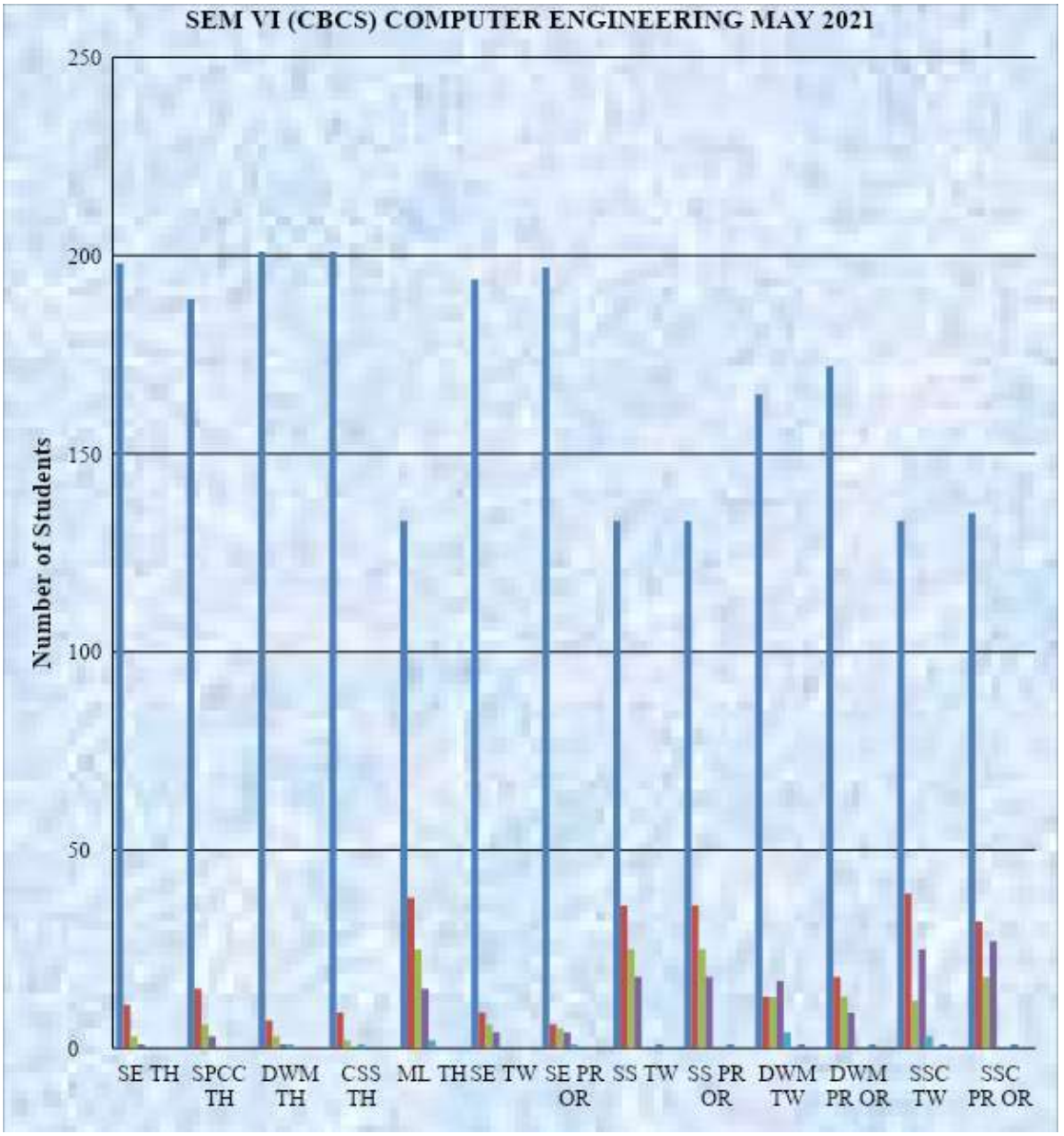

BE Computer Engineering Sem VIII
CBCS Semesterwise Results
250
200
150
100
50
0
Number of Students
Sem 8
Fail
Pass

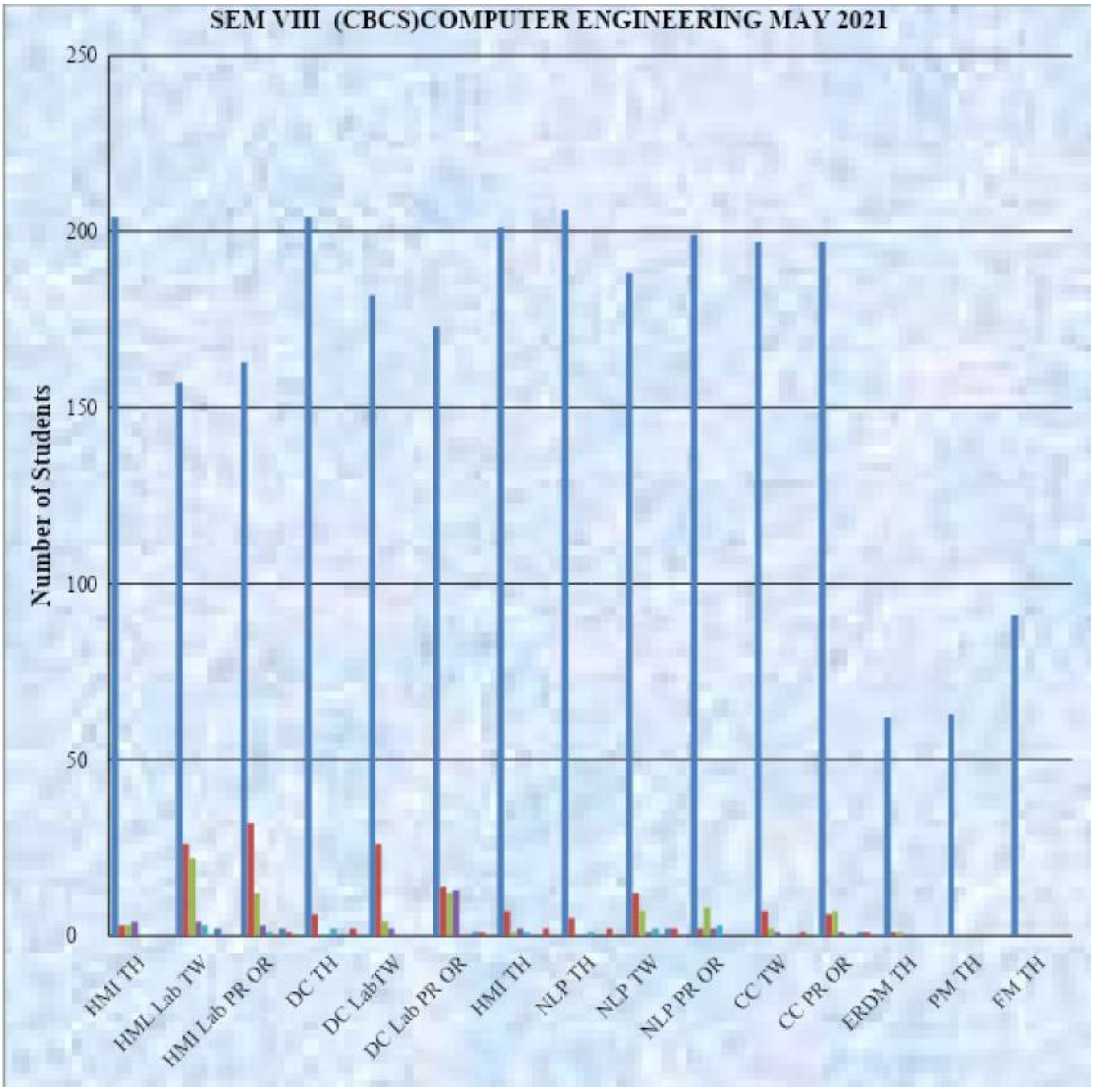

Computer Engineering 2020-2021 Even Semester Results
Pass/Fail Count
250
200
150
100
50
0
206
213
212
Sem 4
Sem 6
Sem 8
Fail
Pass


Computer Engineering Pass Percentage
Even semester 2020-21
100.00%
80.00%
60.00%
40.00%
20.00%
0.00%
99.53%
100.00%
99.05%
Sem 4
Sem 6
Sem 8

**Statistical graphs illustrating the Subject and Semester Wise Result Analysis of Semester IV to VIII:**




SEM VI (CBCS) COMPUTER ENGINEERING MAY 2021
Number of Students
250
200
150
100
50
0
SE TH
SPCC TH
DWM TH
CSS TH
ML TH
SE TW
SE PR OR
SS TW
SS PR OR
DWM TW
DWM PR OR
SSC TW
SSC PR OR


SEM VIII (CBCS)COMPUTER ENGINEERING MAY 2021
Number of Students
250
200
150
100
50
0
HMI TH
HML Lab TW
HMI Lab PR OR
DC TH
DC LabTW
DC Lab PR OR
HMI TH
NLP TH
NLP TW
NLP PR OR
CC TW
CC PR OR
ERDM TH
PM TH
FM TH

**2.1.2 Placement Activities :**

**A) Placement Activities Conducted for year 2021-2022**

**( I ) Seminars /Expert Lectures**

| Sr. No. | Activity | Date/ Time | Class | Expert |
|---|---|---|---|---|
| 1 | Last Minute Preparation Tips for Aptitude Test | 17-07-2021, 1.00 PM | BE | Mr. Vinayak Sharma |
| 2 | Senior Junior Interaction (Session 4) | 17-07-2021, 4.00 PM | BE | Students placed in Dark Horse, Accenture, Vistaar Technologies, Ernst & Young |
| 3 | Mini Project: A Stepping Stone to Success (Bright Career) | 27-09-2021, 08.30 AM to 10.00 AM | SE | Mr. A. Nagananda |
| 4 | Eligibility, Employability and Resume Building | 05-10-2021, 7.00 PM to 8.30 PM | SE | Mr. A. Nagananda |
| 5 | Skill Set Analysis & Resume Writing | 05-10-2021, 7.00 PM to 8.30 PM | TE | Mr. A. Nagananda |

**(II) Campus Readiness Sessions : Industry**

| Sr. No. | Activity | Date/ Time | Class | Expert |
|---|---|---|---|---|
| 1 | JPMC @you | 22-07-2021, 4.30 PM | BE Passout students | JPMC team members |
| 2 | JPMC: Campus to Corporate Program - Session 2: RPA with Alteryx, AI & ML | 29-08-2021, 4.00 PM | SE, TE, BE | Jensen Jill, Lopes Pascal R, Durai Rohit, Maheshwari Shruti |

## B) Placement Record

★ **Placements Summary:**

★ The process of placement started in third week of July 2021 on virtual mode (Online) with dream companies like JP Morgan & Chase-CFG, Indus Valley Partners (IVP), Institutional Shareholder Services (ISS), Carwale.com, Forcepoint, Quantiphi, Quicksell, Interactive Brokers, L & T Infotech, Nomura, Deloitte, Dolat Capital etc. followed by our major recruiter Accenture.

★ Like every year, this year also students have performed extremely well. Students participated in a coding contest organized by JP Morgan & Chase- Code for Good (CFG), TCS : Codevita, TCS-NQT and FinTech:IVP. Many students got the placement opportunity through these contests.

### ★ Highlights

★ 83.33% of eligible and interested students have got placed till date.

★ 25 companies have visited the campus till the date for the Computer Engineering stream.

★ Highest salary offered is 15 Lacs/Annum.

★ Average salary offered is 7.8 Lacs/Annum

★ 126 students have got the dream job offers.

### ★ Contest Participation

★ **IVP FinTech Quiz**

| Winner Team members | Runner-up Team Members |
|---|---|
| Namrata Tolani | Kedar Kharde |
| Divesh Hariani | Siddhesh Bhere |
| Avinash Tripathy | Rohit Jadhav |
| Abhijit Thikekar | Riteshsingh Kadakoti |

★ **Job Offers through Coding Contests :**

| Sr. No. | Contest Name/ Company | Number of job Offers | Salary (Lacs/Annum) |
|---|---|---|---|
| 1 | Code For Good (CFG), JP Morgan & Chase | 13 | 14 |
| 2 | IVP FinTech Quiz | 2 | 2 |
| 3 | TCS Ninja | 6 | 3.36 |
| | **Total** | **21** | |

## C) Placement Statistics for the year 2021-22 (as on 23rd Nov. 2022)

| Sr. No. | Company | Number of job offers | Salary (Lac/Annum) |
|---|---|---|---|
| 1 | JP Morgan & Chase | 13 | 14 |
| 2 | Institutional Shareholder Services(ISS) | 11 | 10 |
| 3 | Forcepoint | 4 | 10.37 |
| 4 | IVP | 2 | 7.52 |
| 5 | Carwale | 5 | 7.5 |
| 6 | Dolat Capital | 1 | 8 |
| 7 | Deloitte | 32 | 7.6 |
| 8 | Quantiphi Analytics Solutions | 13 | 8.5 |
| 9 | Interactive Brokers | 1 | 9.35185 |
| 10 | TSS | 4 | 3.5 / 4 / 4.5 |

| | | | |
|---|---|---|---|
| 11 | Elastic Run | 0 | 8 |
| 12 | Apport Software solution Pvt Ltd (QuickSell) | 1 | 15 |
| 13 | L &T Infotech | 9 | 5/6.5 |
| 14 | Ernst & Young | 6 | 4.25 |
| 15 | Barclays | 22(10) | 13.73 |
| 16 | Accenture | 42(18) | 4.5/6.5 |
| 17 | Capgemini | 25(14) | 4 |
| 18 | Teradata | 0 | 10.10778 |
| 19 | Nomura | 0 | 11.7 |
| 20 | Network Marvels | 1 | 5.5 |
| 21 | TCS Ninja | 6 | 3.36 |
| 22 | e-Emphasys | 0 | 5 |
| 23 | L&T-GET | In Process | 6 |
| 24 | Willis Tower | 5(2) | 6 |
| 25 | NSEIT | In Process | 5-6.5 |

**Summary :**

| | |
|---|---|
| Total Strength | 213 |
| Strength (Interested+Eligible) | 192 |
| Job Offered | 204 |
| Total Placed | 160 |
| Second (or More) Jobs | 44 |
| % Offered (Strength) | 95.77 |
| % Offered (Interested+Eligible) | 106.25 |
| % Placed (Interested+Eligible) | 83.33 |
| Minimum Salary | 3.36 |

| | |
|---|---|
| Maximum Salary | 15 |
| Average Salary | 7.8 |
| No of Companies | 25 |

## Company wise Number of Job Offers

## D) Best Achievers in the Placements

| Sr. No | Name of the student | Company | Salary (LPA) |
|---|---|---|---|
| 1 | Chetan Shankar Urkude | Apport Software solution Pvt Ltd (QuickSell) | 15 |
| 2 | Ahuja Akansha Jagdish | J P Morgan & Chase | 14 |
| 3 | Gurnani Paras Deepaklal | J P Morgan & Chase | 14 |
| 4 | Lalchandani Sakshi | J P Morgan & Chase | 14 |
| 5 | Mangalpalli Omkar Shriniwas | J P Morgan & Chase | 14 |

| | | | |
|---|---|---|---|
| 6 | Menon Riya Ramchandran | J P Morgan & Chase | 14 |
| 7 | Pawar Mayur Manik | J P Morgan & Chase | 14 |
| 8 | Tolamatti Gauravi Anil | J P Morgan & Chase | 14 |
| 9 | Gaurav Purushottam Patil | J P Morgan & Chase | 14 |
| 10 | Parthesh Deepak Pawar | J P Morgan & Chase | 14 |
| 11 | Anjali Badlani | J P Morgan & Chase | 14 |
| 12 | Ajay Gupta | J P Morgan & Chase | 14 |
| 13 | Sejal Kriplani | J P Morgan & Chase | 14 |
| 14 | Khushi Makhijani | J P Morgan & Chase | 14 |
| 15 | Sejal Budhani | Barclays | 13.73 |
| 16 | Roshni Kataria | Barclays | 13.73 |
| 17 | Omkar Mane | Barclays | 13.73 |
| 18 | Praveen Mirchandani | Barclays | 13.73 |
| 19 | Arya Paryani | Barclays | 13.73 |
| 20 | Divya Raisinghani | Barclays | 13.73 |
| 21 | Muskaan Sharma | Barclays | 13.73 |
| 22 | Prem Vinod Chhabria | Barclays | 13.73 |
| 23 | Jayesh Dhanrajani | Barclays | 13.73 |
| 24 | Priya Gangwani | Barclays | 13.73 |
| 25 | Sadhvi Ganuwala | Barclays | 13.73 |
| 26 | Abhay Gupta | Barclays | 13.73 |
| 27 | Ridhhi Khole | Barclays | 13.73 |
| 28 | Anand Pal | Barclays | 13.73 |
| 29 | Priyanka Asrani | Barclays | 13.73 |
| 30 | Chinmay Waykole | Barclays | 13.73 |
| 31 | Anjali Hassani | Barclays | 13.73 |
| 32 | Shivani Kulkarni | Barclays | 13.73 |

| | | | |
|---|---|---|---|
| 33 | Bhavesh Lohana | Barclays | 13.73 |
| 34 | Etisha Manish Mathurvaishya | Barclays | 13.73 |
| 35 | Muskan Tanna | Barclays | 13.73 |
| 36 | Yash Anilkumar Wadhwani | Barclays | 13.73 |
| 37 | Onkar Bhatlawande Sitaram | Forcepoint | 10.37 |
| 38 | Tanvi Shetty Vasant | Forcepoint | 10.37 |
| 39 | Neel Bhagat | Forcepoint | 10.37 |
| 40 | Amit Chhabria | Forcepoint | 10.37 |
| 41 | Bugtani Siddarth Prakash | Institutional Shareholder Services(ISS) | 10 |
| 42 | Ghagare Omkar Raghunath | Institutional Shareholder Services(ISS) | 10 |
| 43 | Kachhela Navin Haresh | Institutional Shareholder Services(ISS) | 10 |
| 44 | Lund Disha Lal | Institutional Shareholder Services(ISS) | 10 |
| 45 | Thikekar Abhijit Pradeep | Institutional Shareholder Services(ISS) | 10 |
| 46 | Anmol Gurmukh Devnani | Institutional Shareholder Services(ISS) | 10 |
| 47 | Siddhesh Sharad Gadge | Institutional Shareholder Services(ISS) | 10 |
| 48 | Salonee Ravindra Velonde | Institutional Shareholder Services(ISS) | 10 |
| 49 | Ayush Shankar Wadhwa | Institutional Shareholder Services(ISS) | 10 |
| 50 | Swarangi Dali | Institutional Shareholder Services(ISS) | 10 |
| 51 | Nikhil Gangaramani | Institutional Shareholder Services(ISS) | 10 |

### 2.1.3 Higher Studies :

- 21 students got admits and joined for higher studies in Indian and foreign universities during the academic year 2020-21.

**A) Records of Higher Studies for Academic Year 2020-2021**

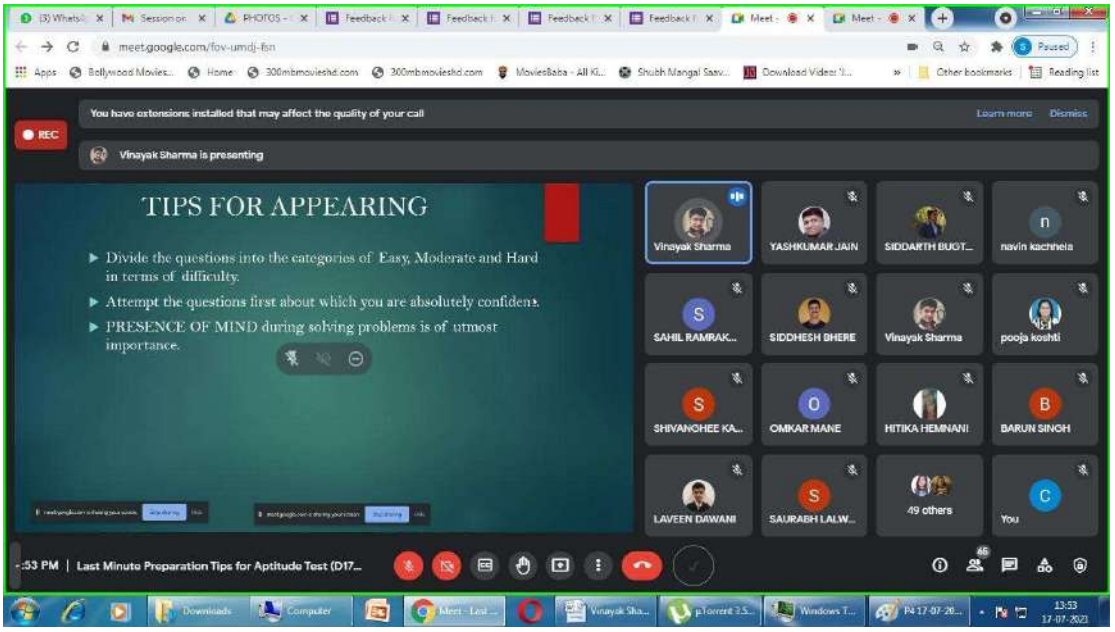
| Sr. No. | Division | Name of Student | University | Field of Specialization |
|---|---|---|---|---|
| 1 | A | Khiani Mohit | University college Dublin | MSc in Management |
| 2 | B | Aditya Rao | University of Illinois at Chicago (UIC) | MS in Computer Science |
| 3 | | Anish Adnani | University of Southern California | MS in Computer Science |
| 4 | | Chawla Tarun Prakash | Stevens Institute of Technology | MS in Information Systems |
| 5 | | Khatwani Naren Prakash | New Jersey Institute of Technology | MS in Computer Science |
| 6 | | Makhija Vanshika Rajkumar | Stevens Institute of Technology | MS in Information Systems |
| 7 | | Mate Yash Vijay | University of Southern California | MS in Computer Science |
| 8 | | Nihar Nitin Kalsekar | Georgia Tech University | MS in Computer Science |
| 9 | | Pradyot Chhatwani | University of Southern California | MS in Computer Science (Data Science) |
| 10 | | Saini Tamanna Harpinder | University of Oregon | MS in Computer Science |

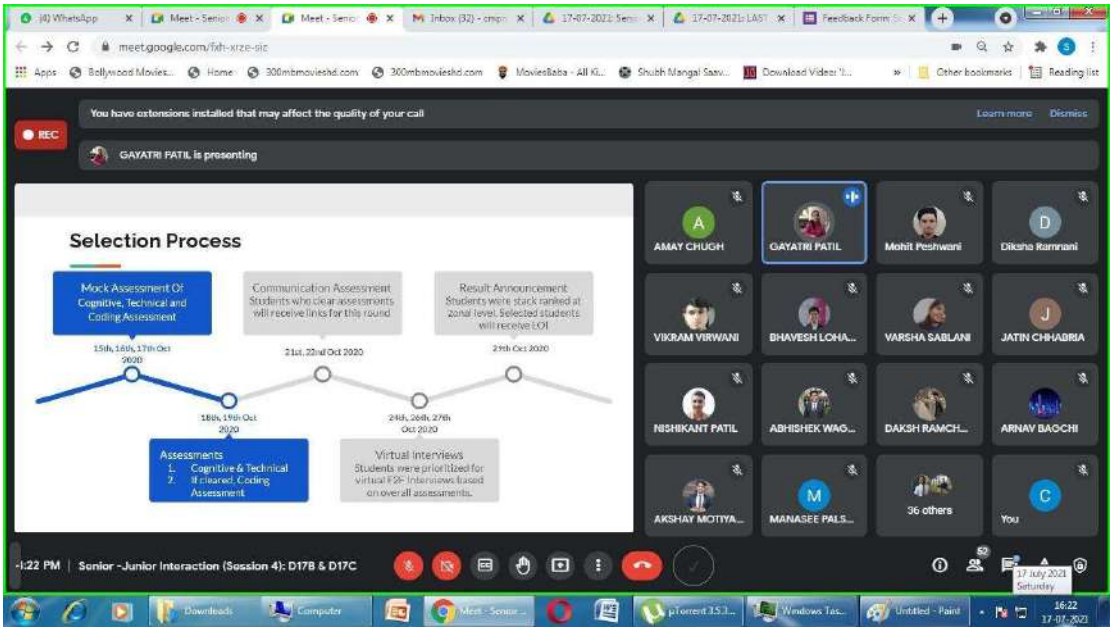
| | | | | |
|---|---|---|---|---|
| **11** | | Shetty Ankush Karunakara | University of Southern California | MS in Computer Science (Data Science) |
| **12** | | Shrivastava Adithya Alok | Rutgers, The State University of New Jersey | MS in Computer Science (Machine Learning) |
| **13** | | Thawani Puneet Rajkumar | University of Illinois at Chicago | MS in Management Information Systems |
| **14** | | Tirodkar Gaurav | International Institute of Information Technology,Bangalore | M. Tech (CSE) |
| **15** | **C** | Akshay Thite | International Institute of Information Technology, Bangalore | M. Tech (CSE) |
| **16** | | Chavan Raj Digambar | Indiana University at Bloomington | MS in Computer Science |
| **17** | | Goyal Yash | Indraprastha Institute of Information Technology (IIIT) Delhi | M. Tech (CSE) |
| **18** | | Hrushabhsingh Chouhan | North Carolina State University | MS in Computer Science |
| **19** | | Mhatre Disha Ratish | University of Southern California | MS in Computer Science (Artificial Intelligence) |
| **20** | | Shedge Saloni Rahul | University of Southern California | MS in Computer Science |
| **21** | | Shinde Manish Sanjay | North Carolina State University | MS in Computer Science |

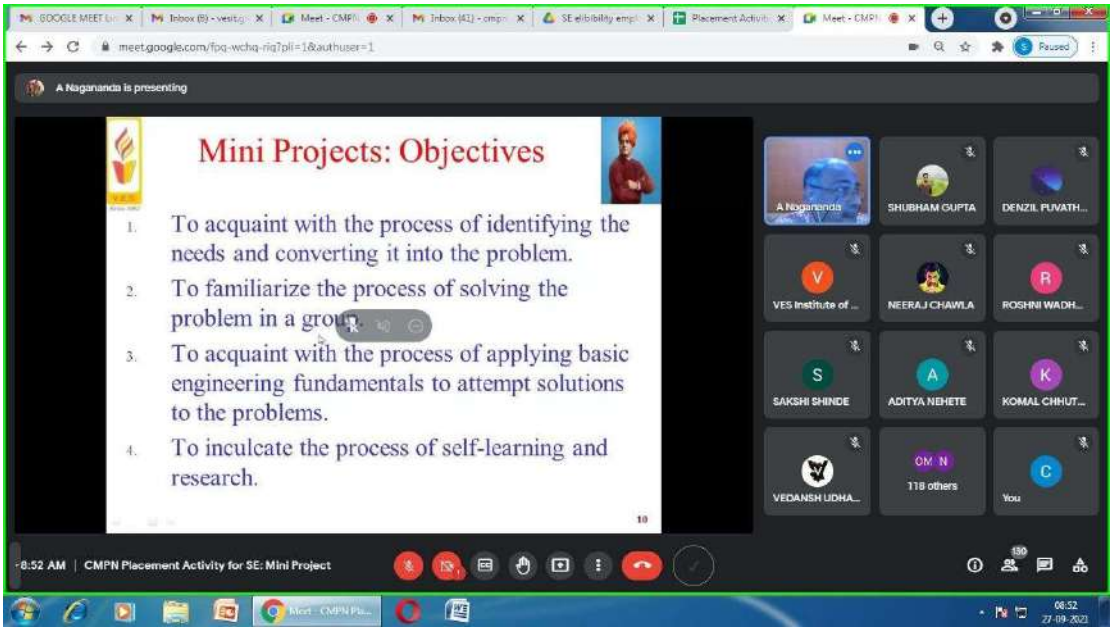
### 2.1.4 Competitive Exams:

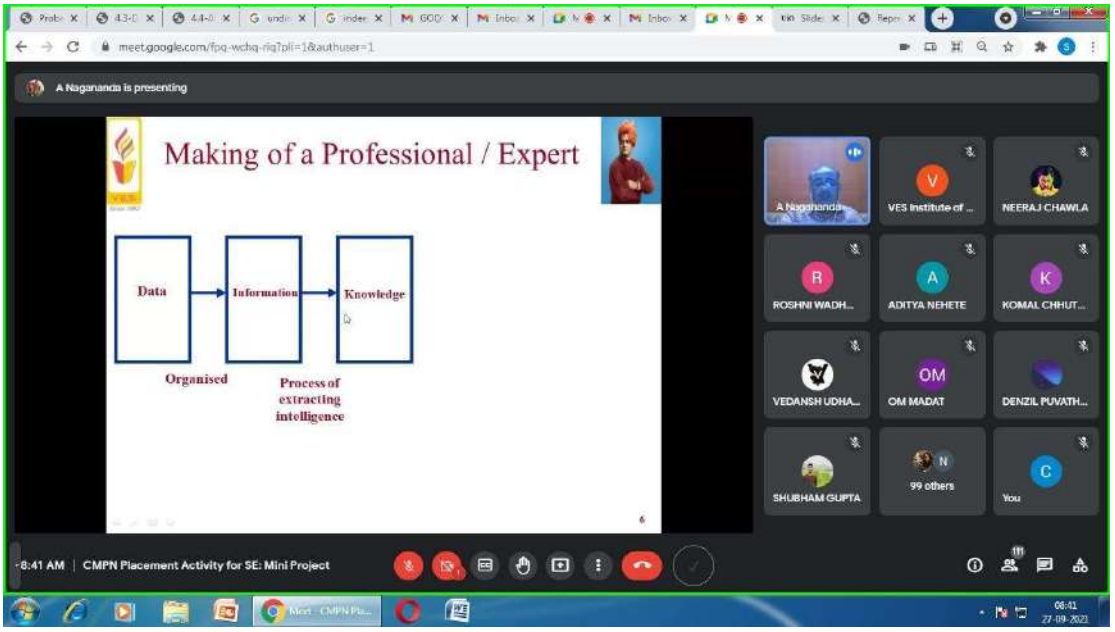
| Year/Exam | GRE | TOEFL | CAT | Total number of exams | Total number of students |
|---|---|---|---|---|---|
| **2021-2022** | 19 | 15 | 1 | 3 | 35 |

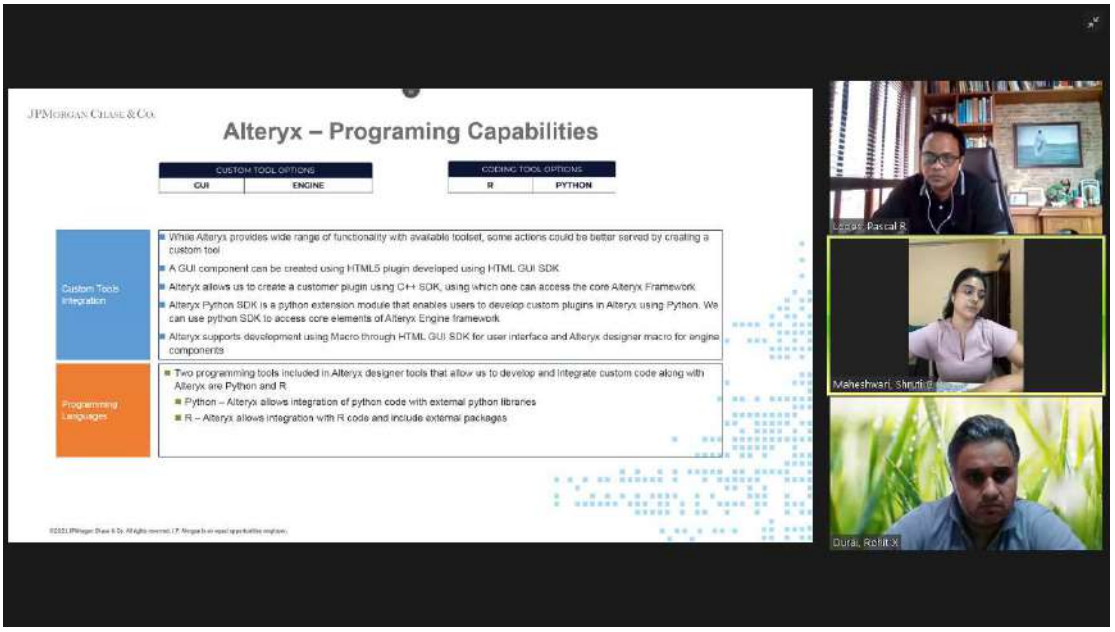
**Photo Gallery :**




A Naganand is presenting
Mini Projects: Objectives
1. To acquaint with the process of identifying the needs and converting it into the problem.
2. To familiarize the process of solving the problem in a group.
3. To acquaint with the process of applying basic engineering fundamentals to attempt solutions to the problems.
4. To inculcate the process of self-learning and research.
10
A Naganand
SHUBHAM GUPTA
DENZIL PUVATH...
VES Institute of ...
NEERAJ CHAWLA
ROSHNI WADH...
SAKSHI SHINDE
ADITYA NEHETE
KOMAL CHHUT...
VEDANSH UDHA...
118 others
You
8:52 AM | CMPN Placement Activity for SE: Mini Project


A Naganand is presenting
Making of a Professional / Expert
Data
Information
Knowledge
Organised
Process of extracting intelligence
6
A Naganand
VES Institute of ...
NEERAJ CHAWLA
ROSHNI WADH...
ADITYA NEHETE
KOMAL CHHUT...
VEDANSH UDHA...
OM MADAT
DENZIL PUVATH...
SHUBHAM GUPTA
99 others
You
8:41 AM | CMPN Placement Activity for SE: Mini Project




## 2.2 Skill Development Activities

### 2.2.1 NPTEL Video Lectures ( Total 04)

2.2.1.1 NPTEL Video Lecture was conducted for Third year students on the topic **'Internet Routing Protocol Part -I'** by Prof.I.Sengupta, Department of Computer Science & Engineering ,IIT Kharagpur

2.2.1.2. NPTEL Video Lecture was conducted for Third year students on the topic **'Software reuse'** by Prof. Umesh Bellur, Department of Computer Science & Engineering, IIT Bombay

2.2.1.3 NPTEL Video Lecture was conducted in **Discrete Structure and Graph Theory** for Second year students on the topic "**Recurrence Relations**" by Prof . Sudarshan Iyengar,Assistant professor at IIT Ropar

2.2.1.4 NPTEL Video Lecture was conducted for Third year students on the topic **'Regression analysis-I&II'** by Prof.Pabitra Mitra, Department of Computer Science & Engineering ,IIT Kharagpur

### 2.2.2 SEL Lectures ( Total 03)

| No | Course | Faculty/Class | Date | Name of Resource Person | Affiliation | Topic |
|---|---|---|---|---|---|---|
| **1** | CG | Ashvini Gaikwad-D7A<br>Abha Tewari-D7B<br>Richard Joseph-D7C | 02/10/2021 | Dr. B. Vaidyanathan | Founder director of Interface Design Associates Pvt Ltd., Navi Mumbai | Recent Trends in Computer Graphics |
| **2** | CN | Prashant Kanade-D12A<br>Dr. Sharmila S. - D12B<br>Nusrat A- D12C | 8/10/2021 | Mr. Gigy Joseph | BARC | Computer Network |
| **3** | BDA | Rohini Temkar - D17A<br>Dr. Anjali Yeole- D17B<br>Dr. Sujata Khedekar-D17C | 20/10/2021 | Dr. Prasun Chakrabarti | Provost and Institute Endowed Distinguished Senior Chair Professor, Techno India NJR Institute of Technology., Udaipur | Stochastic Processes in Big Data Analytics |

## 2.2.3 Certification Programs

### 2.2.3.1 NPTEL Courses:

Following NPTEL Courses were recommended on the basis of the subject for specific classes.

| Class | Subject Name | NPTEL Course Name | Mentor Name |
|---|---|---|---|
| **D7A** | Computer Graphics | Computer Graphics | Ashvini Gaikwad |
| **D7B** | | | |
| **D7C** | | | |
| **D12A** | Computer Networking | Computer Network | Prashant Kande |
| **D12B** | Machine Learning | Machine Learning | Dashrath Mane |
| | Software Engineering | Software Engineering | Prerna Deshmukh |
| **D12C** | Theory of Computation | Theory of Computation | Rupali Hande |
| **D17A** | MIS | MIS | Prashant Kande |
| **D17B** | | | |
| **D17C** | | | |

### 2.2.2.2 Coursera Certifications (Total Certifications :48)

| Name of student | Joining Date | Courses Completed | AY/ Class/Roll No |
|---|---|---|---|
| **SE (2021-22) Computer** | | | |
| Om Madat | 10/4/2021 | Algorithmic Toolbox | 20-21/D7A/34 |
| Aditi Bhatia | 10/4/2021 | Programming for Everybody (Getting Started with Python) | 20-21/D7A/5 |
| Mohit Shahdadpuri | 10/21/2021 | Python Specialization--Running-- | 20-21/D7A/58 |
| Shruti Dalvi | 10/16/2021 | Introduction to Web Development | 20-21/D7A/11 |
| Pranav Jitendra Ubarhande | 10/17/2021 | SQL for Data Science by University of California, Davis. | 20-21/D7A/64 |
| Hitakrit Goplani | 10/12/2021 | Introduction to Web Development | 20-21/D7A/18 |
| Mohit Shahdadpuri | 10/21/2021 | Getting Started With Python | 20-21/D7A/58 |
| Riya Basavaraj Nadagire | 10/4/2021 | Introduction To SQL | 20-21/D7A/43 |
| NIKHIL HASWANI | 10/29/2021 | Java Programming | 20-21/D7A/21 |
| Figo Cardozo | 10/4/2021 | Java Problem Solving | 20-21/D7A/7 |

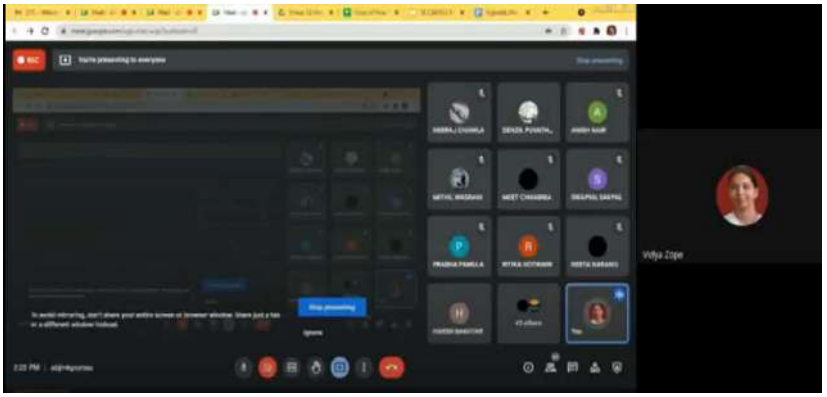
| | | | |
|---|---|---|---|
| Vansh Pahuja | 10/18/2021 | Java Programming | 20-21/D7A/45 |
| Swara Kiran Nabar | 10/24/2021 | Introduction to Web Development | 20-21/D7A/42 |
| Prathamesh Shripad Thakur | 10/4/2021 | Programming with Everybody(Getting Started with Python) | 20-21/D7A/63 |
| Nimish Chidrawar | 10/20/2021 | Java programming | 20-21/D7A/10 |
| Chaitanya Sondur | 10/5/2021 | Introduction to Mysql | 20-21/D7A/61 |
| Neeraj Chawla | 10/9/2021 | Web design for everybody- Basic of web development and coding | 20-21/D7B/11 |
| Ayush Jain | 10/12/2021 | Python for everyone | 20-21/D7B/26 |
| Drishti Samvedi | 10/12/2021 | Programming with everybody(getting started with python) | 20-21/D7B/58 |
| Swapnil umesh sakp | 10/5/2021 | Programming for Everybody(Getting Started with Python) | 20-21/D7B/57 |
| Teesha Karotra | 10/12/2021 | Introduction to Mysql | 20-21/D7B/31 |
| Varad Deshmukh | 10/4/2021 | Responsive Web Design | 20-21/D7B/19 |
| Ritesh Tahilramani | 10/27/2021 | HTML, CSS & Javascript | 20-21/D7B/61 |
| Dhananjay Pai | 10/18/2021 | Introduction to Structured Query Language(SQL) | 20-21/D7B/46 |
| Tanay Umesh Phatak | 10/5/2021 | Introduction to Structured Query Language(SQL) | 20-21/D7B/52 |
| Prabha Sudarshan Pamula | 10/19/2021 | Introduction to Structured Query Language (SQL) | 20-21/D7B/47 |
| Sakshi Shinde | 10/15/2021 | Machine Learning for All | 20-21/D7B/59 |
| Vinit Patil | 10/5/2021 | Machine Learning for All | 20-21/D7B/51 |
| Muskan Bahrani | 10/8/2021 | Python for everybody by University of Michigan | 20-21/D7B/2 |
| Shubham Ramasre Gupta | 8/15/2021 | Mathematical Thinking in Computer Science | 20-21/D7C/21 |
| Siya Doshi | 10/10/2021 | Object Oriented Programming in Java | 20-21/D7C/18 |
| Niranjan Yeole | 10/25/2021 | Object Oriented Programming in Java | 20-21/D7C/62 |
| Sahil Madhyan | 10/4/2021 | Learning How to Learn: Powerful mental tools to help you master tough subjects by Deep Teaching Solutions | 20-21/D7C/34 |
| Nishchay Rajpal | 10/26/2021 | Python for everybody | 20-21/D7C/47 |
| Aayushi Salunkhe | 10/14/2021 | Programming for everybody (getting started with python)-the course is not yet completed | 20-21/D7C/52 |
| Varun Milind Salvi | 10/29/2021 | Introduction to Data Science in Python | 20-21/D7C/53 |

| | | | |
|---|---|---|---|
| Ketaki Jambhekar | 10/30/2021 | Object Oriented Programming in Java | 20-21/D7C/23 |
| Ananya Pandey | 10/19/2021 | Java programming | 20-21/D7C/43 |
| NAVIN IDNANI | 10/30/2021 | Introduction to graph theory | 20-21/D7C/22 |
| Khushi Bhatia | 10/5/2021 | Introduction to Web Development | 20-21/D7C/08 |
| Om Sunil Borate | 10/21/2021 | Android Development | 20-21/D7C/12 |
| **TE (2021-22) Computer** | | | |
| Soham Ambre | 8/3/2019 | Machine Learning for all | 20-21/D12A/4 |
| Meet Patel | 7/29/2021 | Blockchain Transaction | 20-21/D12A/56 |
| Iyer Nikhita K | 7/9/2020 | Python | 20-21/D12A/27 |
| **BE(2021-22) Computer** | | | |
| Mirudhula Nadar | 7/15/2020 | Algorithmic Toolbox | 20-21/D17C/47 |
| Mirudhula Nadar | 7/10/2020 | AI for everyone | 20-21/D17C/47 |
| Mirudhula Nadar | 6/27/2020 | Database Management Essentials | 20-21/D17C/47 |
| Mirudhula Nadar | 8/21/2021 | Neural Networks and Deep Learning | 20-21/D17C/47 |
| Sparsh Amarnani | 6/15/2018 | Algorithm Toolbox | 20-21/D17C/1 |

### 2.2.4 SE Mini-Project Orientation:

The Second mini project orientation programme was conducted on 27th August 2021 by Mrs. Vidya S Zope, Assistant Professor , Department of Computer Engineering, VESIT between 1:30 to 2:30 pm.

**Poster : SE Mini-Project Orientation**

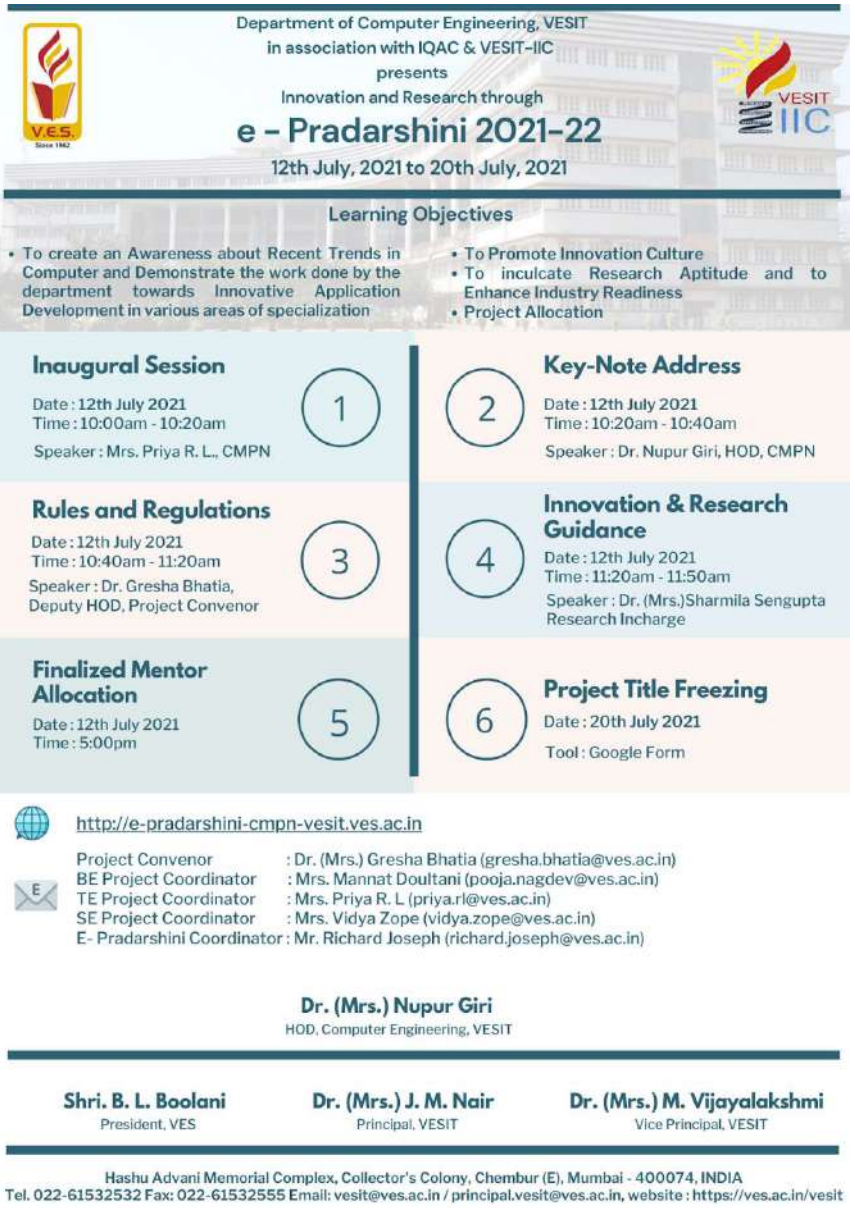



**SE Mini Project Orientation Google meet Screenshot**

### 2.2.5 e-Pradarshini :

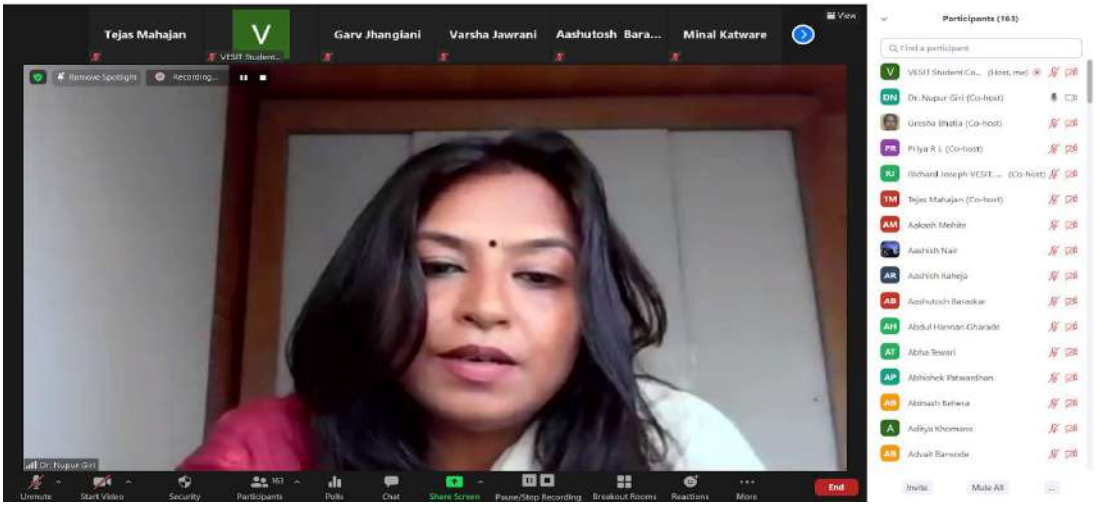
e-Pradarshini was conducted on 12th July, 2021. The proceedings went as follows:

- Inaugural session by Mrs. Priya R L at 10:00 am.
- Key - Note session by Dr. Mrs. Nupur Giri at 10:20 am
- Rules and Regulations Session by Dr. Mrs. Gresha Bhatia at 10:40 am.
- Innovation and Research Guidance by Dr. Mrs. Sharmila Sengupta at 11:20 am.




**Poster: e-Pradarshini**

**Photo Gallery :**



## 2.3 Tinkerers' Lab : Code Cell Activities

### 2.3.1 Django WorkShop:

The Django Workshop was a three day workshop hosted by Arnav Bagchi (D17C) and Amit Chhabria (D17C). In the first half of the workshop taken over 2 days from July 1 to July 2 2021 the basics of Django were discussed and covered. Core Django concepts of the view , model and templates were discussed and mapping of urls to proper views and then rendering pages on a locally hosted server was demonstrated. Over the course of the first half best practices for writing Djang code were discussed. Concepts like model classes and object relational mapping were demonstrated and discussed for a clearer understanding of the topic by the students. Database connections and manipulating of the file structures of a django project were also covered . On the second day the concept of django templates and addition of static content like images , css and javascript to our django project were discussed.

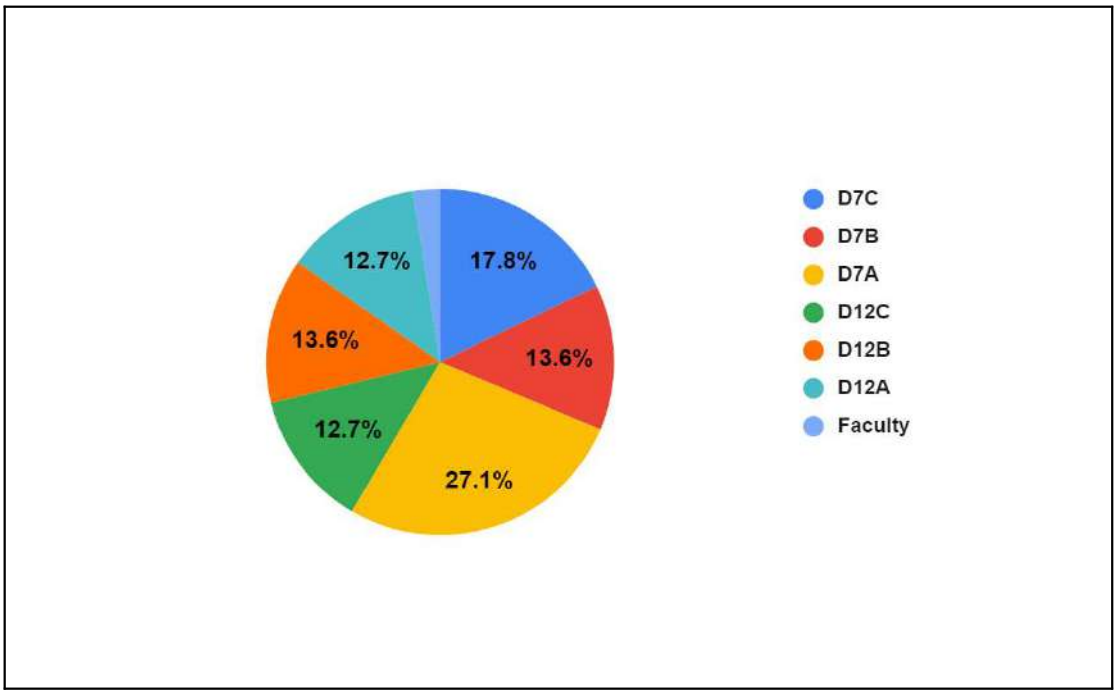
In the second half of the workshop , a hands- on django project was done in which we used a mysql database to create a fully functional project and create a CRUD (Create , Read , Update and Delete) application. The process was covered in detail starting with the creation of a locally hosted MySQL server and then connecting our django project and the CRUD application. The last topic covered was the usage of google OAuth connection in our Django project in which users could use their google account to register on the project site.

The workshop was covered over a period of three days from July 1, 2021 to July 3, 2021.

**Registrations:**

More than 119 students from the departments had registered for the event , out of which over 65 students had attended the event on both the days.

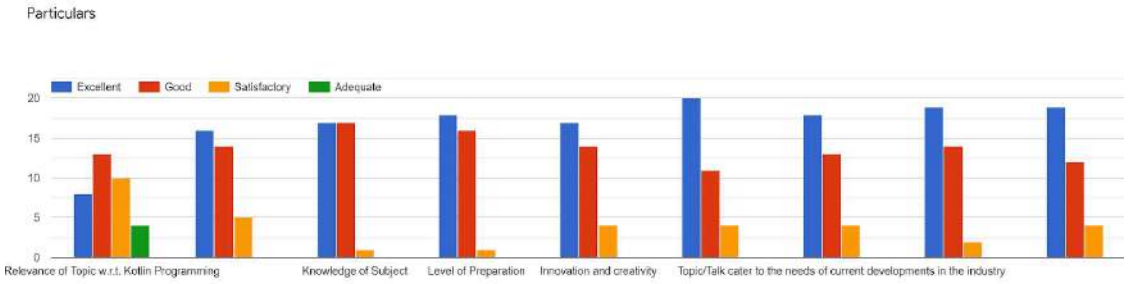
**Class wise Registrations:**




**Feedback:**

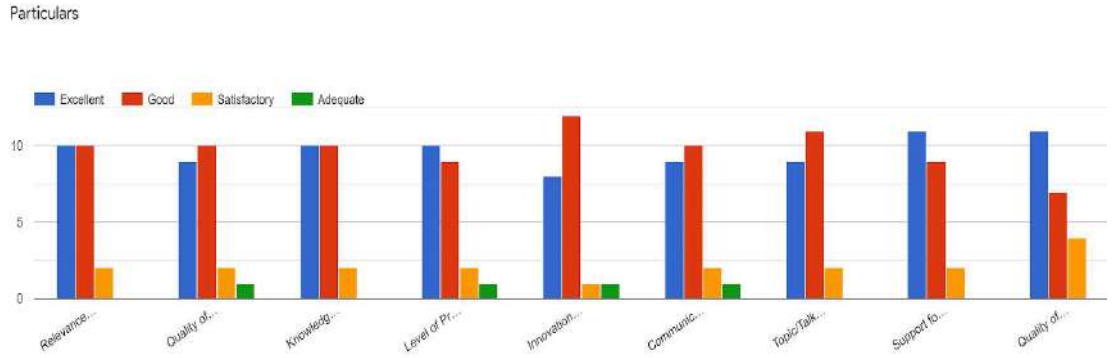
**Day 1:**

No of Students who gave the Feedback : 35




On a scale of 5 received an overall feedback of 4.5/5.

**Day 2:**




On a scale of 5 received an overall feedback of 4.5/5.

**Screenshots :**

**Day 1:**

**Django WorkShop Google Meet Screenshot**

**Day 2:**

**Django WorkShop Google Meet Screenshot**

**Day 3:**

**Django WorkShop Google Meet Screenshot**

**Organising Committee Members (Staff):**

1. Dr. Mrs. Nupur Giri (H.O.D - Computer Department)
2. Prof.Mr. Prashant Kanade
3. Prof.Mr. Richard Joseph
4. Prof.Mrs Geocey Shejy

**Organising Committee Members (Students):**

- Codecell Student Council

### 2.3.2 React WorkShop

“Learn continually - there is always “one more thing” to learn.”
The quote by Steve jobs spoke volumes this Tuesday and Wednesday when students from VESIT decided to attend a React course by Codecell. The event that covered a plethora of topics was held on a google meet from 11 AM to 12:30 PM for the students to improve their skill set.
While learning REACT may be the right step forward towards becoming a Full-stack developer, it may not be enough in itself. To cover up for this gap Day 1 saw our instructor Ms.Harshita covering the fundamentals of Javascript and ES6, Starting a project and components and JSX.
She started off by explaining the benefit of learning REACT from making code cleaner to adapting to other frameworks. REACT made building websites a lot easier for developers. After this explanation, the floor was open to questions. A question on components of javascript was asked by Omkar Rane. She then went on to explain the process behind downloading node.js. The very basics of learning REACT is being able to create a basic React app. This part of the session was explained by Harshita by using some in-built code to construct a basic app on which the rest of the coding will be done. She then went on to explain the different parts of the code from where a developer can find the source code to the basics of how to get your react app running. The class components and the functions in react were explained in the latter half of the session. The code was then run and a react app was built to explain the todo component and other features in react.The session ended with doubts being asked by the attendees.

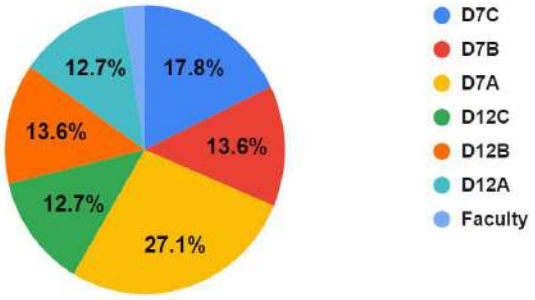
The last day of the react workshop started off with Harshita completing the explanation on the todo component. She then went on to explain the life cycle of a component ie, mounting, updating and unmounting.She then explained ho we can create a form within the react app.The different components were explained by using the console in the developer tools to give the attendees a better understanding of the code.Since the chances of having a single page app is very low s. The concept of routing multiple pages was explained to the attendees so that building bigger and heavier apps would be much easier. The entire idea behind using components was how the code could be reused over and over again without redundancy. The final concept for the session was being able to use databases with react.The database being used for this project was firebase. Firebase account set up included four steps on a firebase account followed by installing the firebase package locally on your computer. The form that was once created is now storing and changing data in realtime.

With that the session came to an end and all the attendees left after crossing “one more thing “ out of their checklist.

**Registrations:**

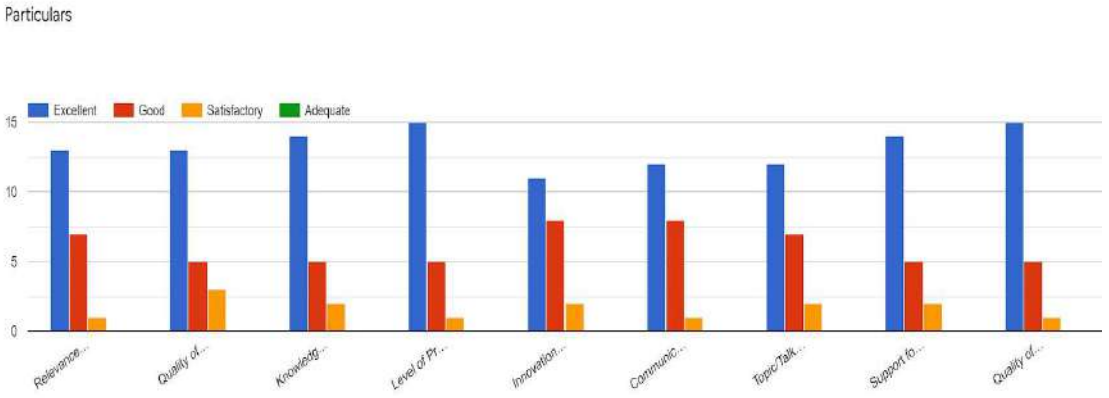
More than 119 students from the departments had registered for the workshop ,out of which over 31 students had attended the event on both the days.

**Class wise Registrations:**




**Feedback:**

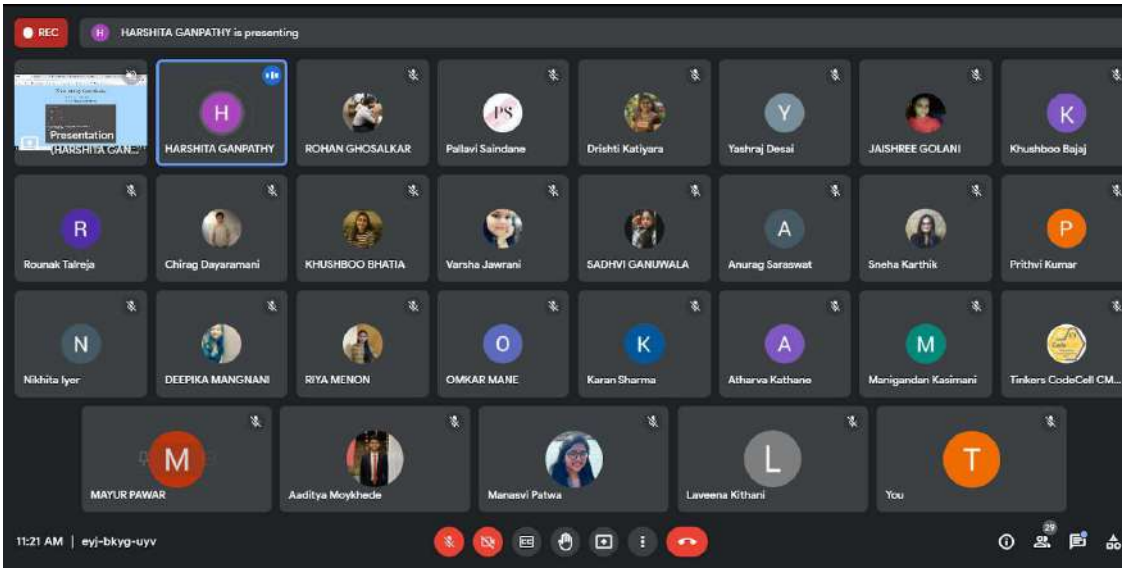
No of Students who gave the Feedback : 21



**Screenshots of the Workshop**

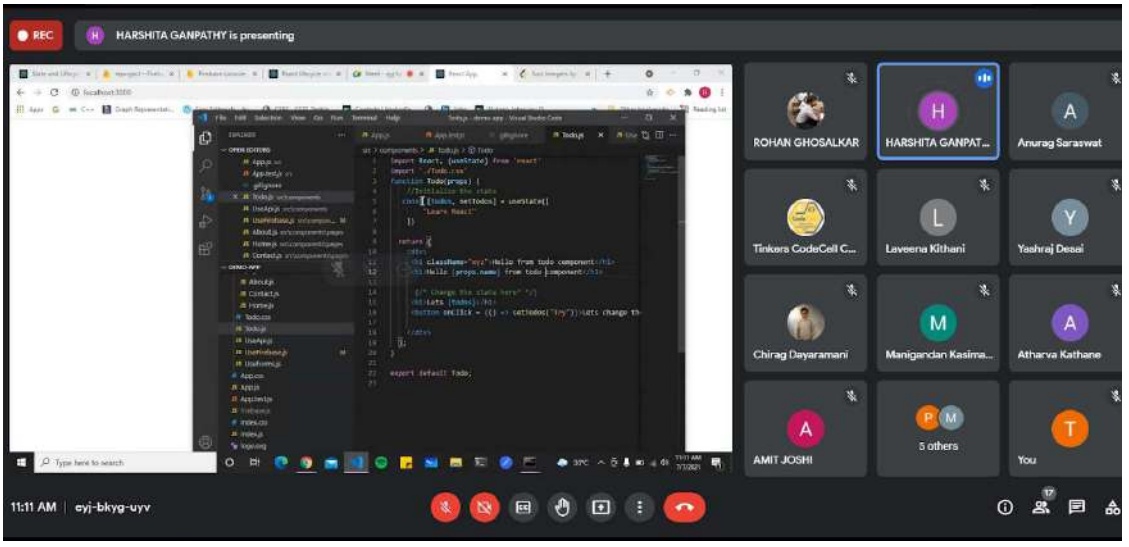
**Day 1:**

**React WorkShop Google Meet Screenshot**




**React WorkShop Google Meet Screenshot**

**Day 2:**




**React WorkShop Google Meet Screenshot**

**CodeCell Committee Members (Staff)**

- Dr. Mrs. Nupur Giri (H.O.D - Computer Department)
- Prof.Mr. Prashant Kanade
- Prof.Mr. Richard Joseph
- Prof.Mrs Geocey Shejy

**CodeCell Committee Members (Students)**

- Codecell Student Council

**Student Council Members**

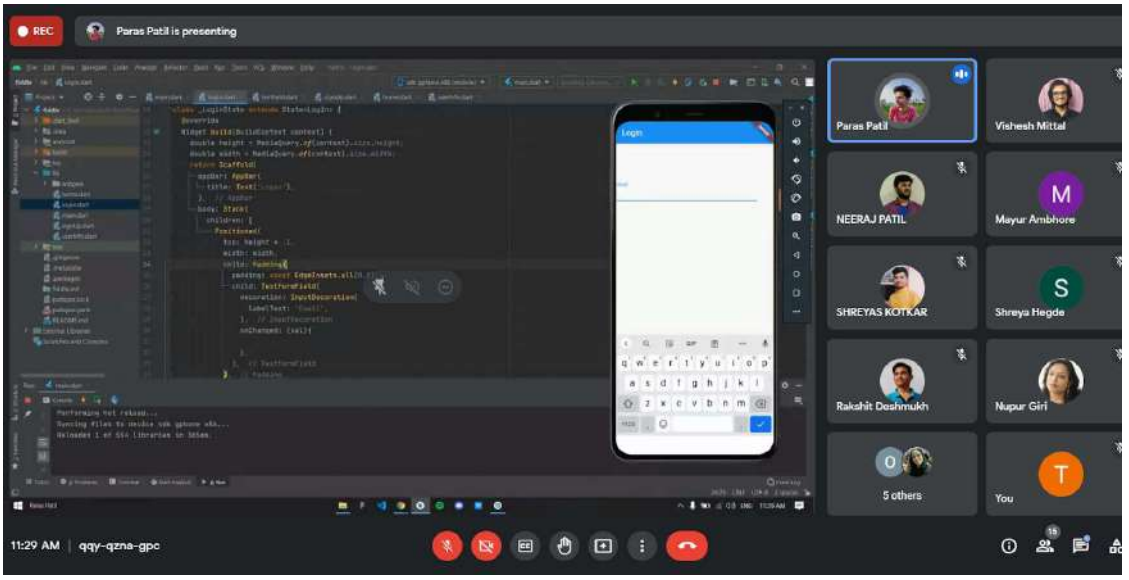
- Dimple Nachnani
- Rakshita Danee
- Gunjan Sureka
- Manasvi Patwa
- Madhura Padge
- Sahil Deshmukh
- Akshay Jain
- Rashmi Manwani
- Tanish Sahijwani

### 2.3.3 Flutter WorkShop

In the final part of our workshops, we had Paras Patil conduct a three-day workshop on the new hugely popular framework for creating mobile applications from 8th July to 11 July 2021. The basics of Flutter and concepts behind the mobile framework were discussed on the first day along with Dart, the language which powers the Flutter Framework. Basics of installation and setting up your phone as a debugging tool were demonstrated. For the second day, an introduction to Firebase and setting it up for Flutter was demonstrated. This included getting an idea about what is firebase & creating a project in firebase for our flutter app. We also discussed Firebase User Authentication including login and sign-up flow using Email and Password along with error handling for the same and finally, Cloud Firestore was used in creating & updating custom data using Firestore and displaying it in our app.

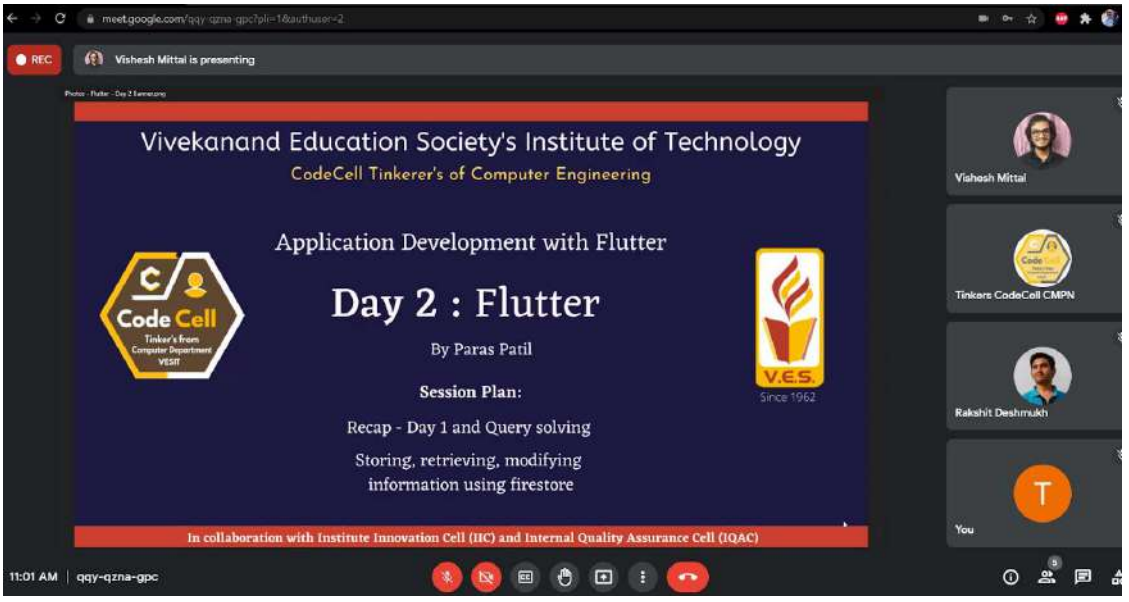
**Day 1:**

**Flutter WorkShop Google Meet Screenshot**

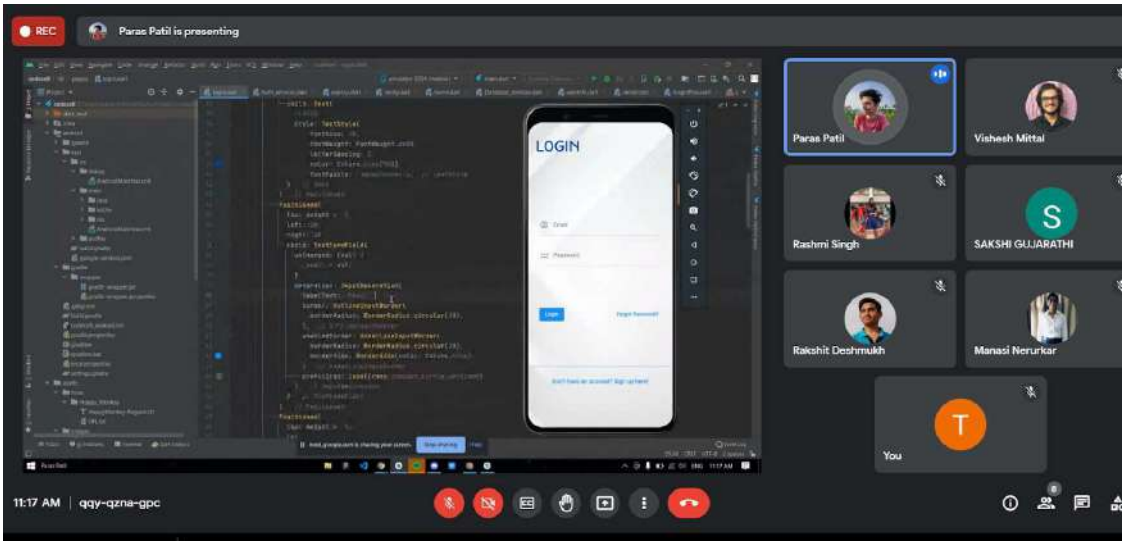



**Flutter WorkShop Google Meet Screenshot**

**Day 2 :**




**Flutter WorkShop Google Meet Screenshot**




**Google Meet Screenshot of Application Development with Flutter**

**CodeCell Committee Members (Staff):**

1. Dr. Mrs. Nupur Giri (H.O.D - Computer Department)
2. Prof.Mr Prashant Kanade
3. Prof.Mr.Richard Joseph

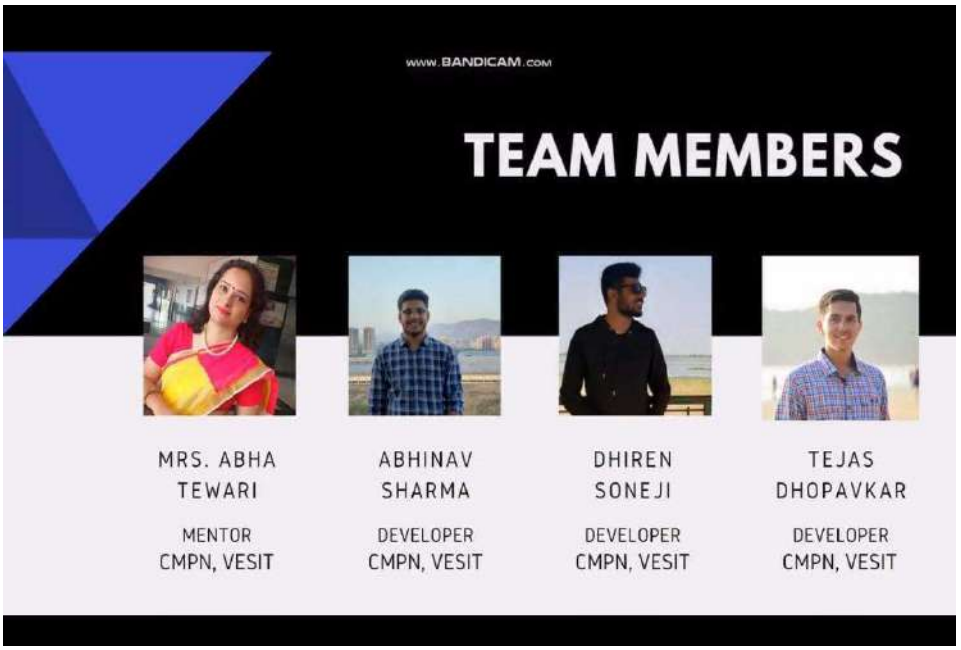
**CodeCell Committee Members (Students):**

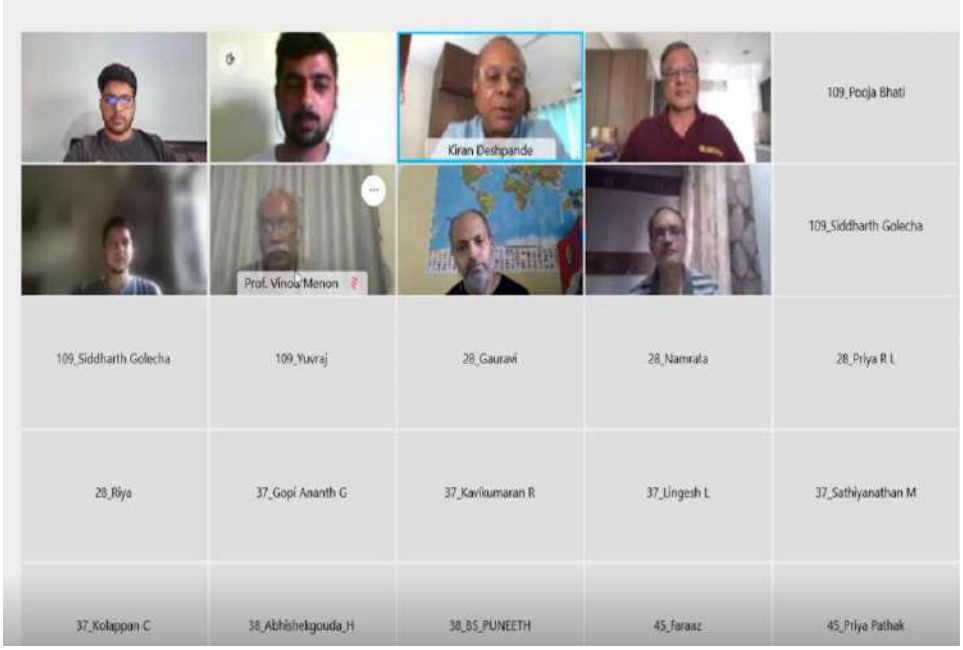
- Naren Khatwani
- Sahil Rajpal
- Manas Mangaonkar
- Arnav Bagchi
- Amit Chhabria
- Jay Dulera
- Ajay Singh Khalsa
- Rohan Ghosalkar
- Hritwik Ekade
- Tejas Mahajan
- Rutuja Patil
- Hritika Singh
- Rakshit Deshmukh
- Sneha Karthik

## 2.4 Project Innovations / Competitions

### 2.4.1 E-yantra

| Sr. No. | Project Title | Name of Students | Mentor | Achievement | Proof |
|---|---|---|---|---|---|
| 1 | Rainfall induced landslide monitoring system in Uttarakhand | Abhinav Sharma/D12A, Dhiren Soneji/D12A, Tejas Dhopavkar/D12A | Mrs. Abha Tewari | Bronze medalist | Certificate |






**Google Meet Screenshot**

### 2.4.2 VCET Hackathon 2021:

| Sr. No. | Project Title | Name of Students | Mentor | Achievement | Proof |
|---|---|---|---|---|---|
| 1. | Mask Detection System | Mohit Balani D12A<br>Rohit Vadhya D12A<br>Navin Kachhela D12A | Mrs. Abha Tewari | 1st Runner Up | Certificate |

**Project Title: Mask Detection System (1st Runner Up)**

## 2.5 Industry Projects (Total 03)

| Sr. No. | Name of the Industry | Title of the Project | Name of Students | Resource Person | Mentor |
|---|---|---|---|---|---|
| 1 | Prouds Child Development Centre | आशsha-Early Intervention for children at risk of ASD | Maitraiyi Dandekar D17B, Anmol Devnani D17B, Puneet Meghrajani D17A, Tanvi Shetty D17B | Dr. Dinesh Saroj, Consultant Neuro-developmental Pediatrician MBBS, MD Pediatrics, F.L.D.N.D.P | Mrs. Vidya Zope |
| 2 | Cere Labs Pvt. Ltd., Mumbai | Detection of ADR from vaccine safety data | Sahil Lotya D17B,Nikhil gangaramani D17C, Akansha Ahuja D17A, Shivani Kulkarni D17C | Devesh Rajadhyax, Founder, CEO | Dr. Mrs. Sujata Khedkar |
| 3 | Cere Labs Pvt. Ltd., Mumbai | Business Meeting Summarization | Rahul Koli D17B, Jayant Mukundam D17C, Muskaan Sharma D17A, Harshita Mishra D17C | Devesh Rajadhyax, Founder, CEO | Mrs. Rupali Hande |

## 2.6 Co-curricular activities

### 2.6.1 Participation in Inter College co-curricular Competitions (Total 09)

| Sr. No. | Student's Name | Class | Event Name | Organized by | Date | Venue | Achievements / Participant |
|---|---|---|---|---|---|---|---|
| 1 | Dhiren Soneji | D17A | E-yantra Innovation Challenge (eYIC 2020-2021) | IIT Bombay | 31st July 2021 | Online | Bronze Certificate |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2 | Abhinav Sharma | D17A | E-yantra Innovation Challenge (eYIC 2020-2021) | IIT Bombay | 31st July 2021 | Online | Bronze Certificate |
| 3 | Tejas Dhopavkar | D17A | E-yantra Innovation Challenge (eYIC 2020-2021) | IIT Bombay | 31st July 2021 | Online | Bronze Certificate |
| 4 | Dhiren Soneji | D17A | RHCSA Rapid Track (RH199) | RedHat | 30 June 2021 | Online | Certificate of Attendance |
| 5 | Dhiren Soneji | D17A | Summer Program on MLOps platform | LinuxWorld Informatics Pvt. Ltd. | 17 August 2021 | Online | Certificate of Training |
| 6 | Aniket Pawar | D17A | IET India Scholarship Award 2021 | IET India | 23 September 2021 | Online | Regional Qualifier (West Zone) |
| 7 | Sahil Salunkhe | D7A | EYantra Robotics Competition (eYRC 2021-22 ) | IIT BOMBAY | | Online | Participation |
| 8 | Meera Sawantdesai | D7A | REACtJS Bootcamp | CSI KJSEIT | 7 October 2021 | online | participation |
| 9 | Shreeja Nanda | D17B | 12th INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT) | IIT Kharagpur | 6th July 2021 | Online | Paper titled 'Face-Recognition Based Attendance System using One-Shot Learning' has been selected for presentation and publication |

## 2.6.2 Participation in Intra College Co-curricular Competitions (Total 41)

| Intra College - Co Curricular Activities | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sr. No.** | **Student's Name** | **Class** | **Event Name** | **Organized by** | **Date** | **Venue** | **Achievements / Participant** |
| 1 | Nihar Hemantkumar Kenny | D12A | AI-Syberthon | VESIT RENAISSANCE | 3rd September 2021 | Online | Participation |
| 2 | J N Guru Akaash | D12A | AI-Syberthon | VESIT RENAISSANCE | 3 September 2021 | Online | Participation |
| 3 | Aditi Bhatia | D7A | Graph up with chart JS | ISA VESIT | 19th september 2021 | online | winner - first place |
| 4 | Aditi Bhatia | D7A | github hacktober fest workshop | Codecell VESIT | 2nd october 2021 | online | Participation |
| 5 | Aditi Bhatia | D7A | gsoc talk | Codecell VESIT | 9th october 2021 | online | Participation |
| 6 | Aditi Bhatia | D7A | Elucimate 2.0 | ISA VESIT | 17th aug-16th september | online | Finalist |
| 7 | Hitakrit Goplani | D7A | Getting started with Github workshop - Hacktober Fest | Codecell VESIT | 2nd October 2021 | Online | Participation |
| 8 | Hitakrit Goplani | D7A | Java Workshop | CSI VESIT | 16th October 2021 | Online | Participation |
| 9 | Prathamesh Thakur | D7A | GSOC Talk | Codecell VESIT | 9th October 2021 | Online | Participation |
| 10 | Mohit Shahdadpuri | D7A | VREACH webinar series | VREACH VESIT | 17 October 2021 | online | Participation |
| 11 | Meera Sawantdesai | D7A | VREACH webinar series | VREACH webinar series | 17 October 2021 | online | Participation |
| 12 | Meera Sawantdesai | D7A | JAVA workshop | CSI VESIT | 9th october 2021 | online | participation |
| 13 | Isha Hemant Desai | D7A | DA tkinter workshop | ISA VESIT | 9th October 2021 | online | participation |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 14 | Isha Hemant Desai | D7A | JAVA workshop | CSI VESIT | 9th october 2021 | online | participation |
| 15 | Isha Hemant Desai | D7A | LBS project | VESIT | 17 October 2021 | online | participation |
| 16 | Simran Lahrani | D7A | gsoc talk | Codecell Vesit | 15th October 2021 | online | participation |
| 17 | Om Madat | D7A | gsoc talk | Codecell Vesit | 4th September - 8th September | Online | 3rd Place |
| 18 | Kaushik Sahasranaman | D7A | JAVA Workshop | CSI VESIT | 2nd October 2021 | Online | Participation |
| 19 | Sahil Kishin Madhyan | D2C | Awakening the Scientist | H & AS Department | 16th October 2021 | Online | Participation |
| 20 | Sahil Kishin Madhyan | D7C | Getting started with GithubWorkshop -Hacktoberfest | Codecell VESIT | 9th October 2021 | Online | Participation |
| 21 | Sahil Kishin Madhyan | D7C | GSoC Talk | Codecell VESIT | 9th October | Online | Participation |
| 22 | Sahil Kishin Madhyan | D7C | Java Workshop | CSI VESIT | 9th October | Online | Participation |
| 23 | Ayush Jain | D7B | GSoC Talk | Codecell VESIT | 2nd October | Online | Participation |
| 24 | Sakshi Shinde | D7B | GSoC Talk | Codecell VESIT | 15/10/2021 | Online | Participant |
| 25 | Tithi Jhamnani | D7B | GSoC Talk | Codecell VESIT | 9/10/2021 | Online | Participant |
| 26 | Sakshi Shinde | D7B | Getting started with GithubWorkshop -Hacktoberfest | Codecell VESIT | 15/10/21 | Online | Participant |
| 27 | Nikhil Haswani | D7A | GSOC Talk | Codecell VESIT | 9th October, | Online | Participation |

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| | | | | | 2021 | | |
| 28 | Gautam Wadhwani | D7B | GSoC Talk | Vesit Codecell | 03/10/21 | Online | Participant |
| 29 | Yash Narkhede | D7B | Getting started with GithubWorkshop -Hacktoberfest | Vesit Codecell | 4th September-8th September | Online | Participant |
| 30 | Yash Narkhede | D7B | GSoC Talk | Vesit Codecell | 4th September-8th September | Online | Participant |
| 31 | Siya Doshi | D7C | GSoC Talk | Codecell VESIT | 09/10/21 | Online | Participant |
| 32 | Siya Doshi | D7C | Github Workshop | Codecell VESIT | 02/10/21 | Online | Participant |
| 33 | Siya Doshi | D7C | Java Workshop | CSI Vesit | 16/10/21 | Online | Participant |
| 34 | Drishti Samvedi | D7B | GsoC Talk | Codecell VESIT | 9/10/2021 | Online | Participant |
| 35 | Figo Cardozo | D7A | GSoC Talk | Codecell VESIT | 9/10/2021 | Online | Participant |
| 36 | Bhavesh Bhatia | D7A | Awakening the Scientist | H&AS Department | 4 Sept to 8 Sept 2021 | Online | 1st place |
| 37 | Sahil Salunkhe | D7A | Awakening The Scientist | H & AS Department | 4 Sept to 8 Sept 2021 | Online | Consolation Prize |
| 38 | Tithi Jhamnani | D7B | Awakening the scientist | H & AS Department | 16/10/21 | Online | Participant |
| 39 | Gautam Wadhwani | D7B | Awakening the scientist | H & AS Department | 9/10/2021 | Online | Participant |
| 40 | Drishti Samvedi | D7B | Awakening the scientist | H & AS Department | 4th September - 8th September | Online | Participant |
| 41 | Yash Narkhede | D7B | Awakening the scientist | H & AS Department | 4th September - 8th September | Online | Participant |

## 2.7 ExtraCurricular Activities:

### 2.7.1 Participation in Inter College Extra-curricular Competitions (Total 01)

| Sr. No. | Student's Name | Class | Event Name | Organized by | Date | Venue | Achievements / Participant |
|---|---|---|---|---|---|---|---|
| 1 | Mohit Shahdad puri | D2A | Lehar 2021 poetry competition | SK SOMAIYA COLLEGE | 30th March 2021 | online | Participation |

### 2.7.2 Participation in Intra College Extra-curricular Competitions(Total 29)

| Sr. No. | Student's Name | Class | Event Name | Organized by | Date | Venue | Achievements / Participant |
|---|---|---|---|---|---|---|---|
| 1 | Aditi Bhatia | D7A | poster making veslit x UBI | VESLIT CIRCLE | 3rd october | online | 3rd place |
| 2 | Mohit Shahdadpuri | D7A | Filmmaking VesLit x UBI | VESLIT CIRCLE VESIT | 15th October, 2021 | Online | Participation |
| 3 | Mohit Shahdadpuri | D7A | Library Quiz--Vachan Prerna Diwas | VESLIT CIRCLE VESIT | 3rd-6th October 2021 | Online | 1st Runners-Up |
| 4 | Nikhil Haswani | D7A | Library Quiz--Vachan Prerna Diwas | VESIT Library | 15th October, 2021 | Online | Participation |
| 5 | Nikhil Haswani | D7A | My thoughts about Entrepreneurs hip | VESIT E-Cell | 25th August, 2021 | Online | Participation |
| 6 | Nikhil Haswani | D7A | Yuva Samiti VesLit X UBI | VESLIT CIRCLE VESIT | 2nd October, 2021 | Online | Participation |
| 7 | Nikhil Haswani | D7A | Blow the Whistle | VESLIT CIRCLE VESIT | 5th October, 2021 | Online | Participation |
| 8 | Nikhil Haswani | D7A | Cross Examination UBI | VESLIT CIRCLE VESIT | 3rd October, 2021 | Online | Participation |
| 9 | Nikhil | D7A | Musical | VESIT | 3rd October, | Online | 3rd Place |

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|---|---|---|---|---|---|---|---|
| | Haswani | | MISFIST 2.0 | MUSICAL COUNCIL | 2021 | | |
| 10 | shreya kukreja | D7A | Cross Examination UBI | VESLIT CIRCLE VESIT | 2nd october 2021 | Online | 2nd place |
| 11 | shreya kukreja | D7A | Yuva Samiti VesLit X UBI | VESLIT CIRCLE VESIT | 4th october 2021 | Online | 1st place |
| 12 | shreya kukreja | D7A | SPCE debate | VESLIT CIRCLE VESIT | 23rd october 2021 | online | participation |
| 13 | Meera Sawantdesai | D7A | Filmmaking VesLit x UBI | VESLIT CIRCLE VESIT | 6 October 2021 | online | 3rd place |
| 14 | Isha Hemant Desai | D7A | UBI cross examination debate | VESLIT CIRCLE VESIT | 6 October 2021 | online | 1ST POSITION |
| 15 | Simran Lahrani | D7A | poster making veslit x UBI | VESLIT CIRCLE | 3rd October 2021 | online | participation |
| 16 | Tanmay Surendra Thakare | D7B | Yuva Samiti VesLit X UBI | VESLIT Circle VESIT | 4th October 2021 | online | participation |
| 17 | Tanmay Surendra Thakare | D7B | Blow the Whistle VesLit x UBI | VESLIT Circle VESIT | 5th October 2021 | online | participation |
| 18 | Abhayvir Singh | D2A | URJA 2021 (Valorant) | VESIT Sports council | 2nd October | Online | Participant |
| 19 | Abhayvir Singh | D7A | INGENUITY 2021 (CSGO) | VESIT Sports council | 9th October | Online | Participant |
| 20 | Sakshi Shinde | D7B | Yuva Samiti VESlit X UBI | VESLIT Circle VESIT | 12/06/21 | Online | Participant |
| 21 | Figo Cardozo | D7A | La Casino Event | ISTE VESIT | 09/10/21 | Online | Participant |
| 22 | Drishti Samvedi | D7B | La Casino Event | ISTE VESIT | 02/10/21 | Online | Participant |
| 23 | Siya Doshi | D7C | Group Dance | Vesit Cultural Council | 12/06/21 | Online | Participant |
| 24 | Siya Doshi | D7C | 3D Printing Workshop | ISA VESIT | 03/10/21 | Online | Participant |
| 25 | Drishti Samvedi | D7B | e Quiz on vachan prerna diwas | VESIT IQAC and IIC | 9/10/2021 | online | Participant |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 26 | Tithi Jhamnani | D7B | e Quiz Vachan prerna diwas | VESIT IQAC and IIC | 4th September - 8th September | online | Participant |
| 27 | Aditi Bhatia | D7A | 3D printing workshop | ISA VESIT | 3rd october 2021 | online | participation |
| 28 | Meera Sawantdesai | D7A | e Quiz on vachan prerna diwas | VESIT IQAC and IIC | 15 October 2021 | online | participation |
| 29 | Tanmay Surendra Thakare | D7B | 3D Workshop | ISA VESIT | 3rd October | online | participation |

## 2.8 Alumni Interaction:

### 2.8.1 V-REACH '21 : An Alumni Engagement Initiative:

"V-REACH", VESIT-Alumni engagement initiative, which aims at reaching out to alumni and enables sharing of their vast National and International knowledge and experience with students for widening their horizons. It also allows alumni to play an active role as a stakeholder and contribute actively in building VESIT legacy.

V-REACH has tried to unlock the Teaching Learning in an innovative way, through its inceptive series of 14 webinars commencing from 02 August to 26 August 2021, which were streamed on VESIT-youtube channel covering the following broad topics:

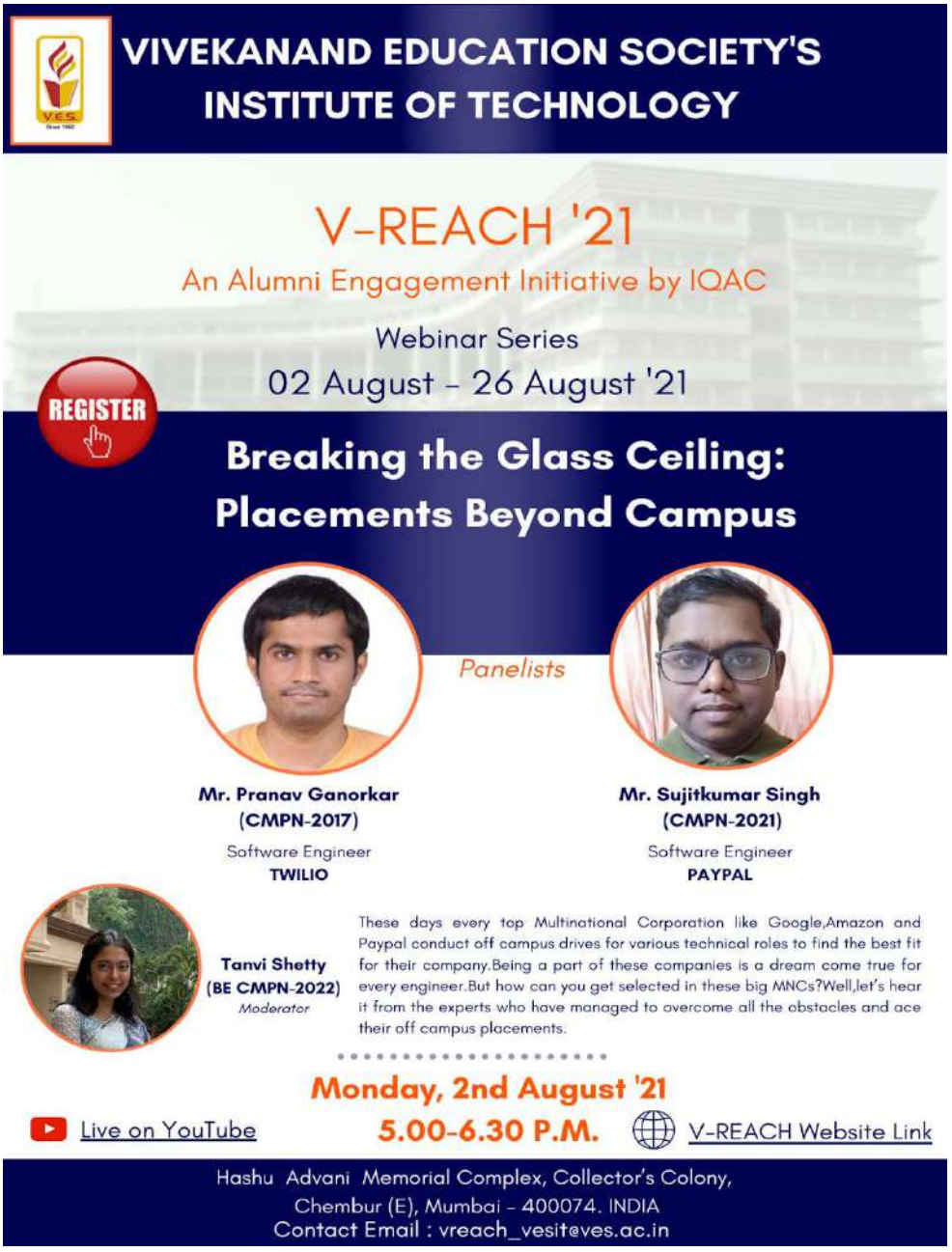
1. Guidance on preparing for better placements
2. Higher studies and career guidance
3. Research and innovations
4. Entrepreneurship development and
5. New trends in Technology (Covering all streams of learning)

| Sr. No | Topic | Date/Day/Time | Speaker | Designation/Organization |
|---|---|---|---|---|
| 1 | Breaking the glass ceiling | 02/08/2021, Monday 5.00 pm | Mr. Pranav Ganorkar (CMPN 2017) | Software Engineer at Twilio |
| | | | Mr. Sujitkumar Singh (CMPN 2021) | Software Engineer at PayPal |
| 2 | Belling the "CAT" | 13/08/2021, Friday 5.00 pm | Mr. Navin Gurnani (CMPN - 2013) | Revenue Marketing Manager at BrowserStack |
| | | | Mr. Samarth Ladia (CMPN - 2017) | Product Manager at Flipkart |
| | | | Mr. Chirag Dixit (CMPN - 2017) | Equity Specialist at Bloomberg LP |

The description of two sessions organized by Computer Engineering are as follows

**1. Breaking the Glass Ceiling:Placements beyond Campus**

These days every top Multinational Corporation like Google, Amazon, and Paypal conducts off-campus drives for various technical roles to find the best fit for their company. Being a part of these companies is a dream come true for every engineer. But how can you get selected in these big MNCs? Well, let's hear it from the experts who have managed to overcome all the obstacles and ace their off-campus placements.




Poster : Breaking the Glass Ceiling:Placements beyond Campus

## 2. Belling the " CAT"

Having an MBA degree opens multiple opportunity doors for an individual. Hence getting admission into the top Business Schools like IIM's or XLRI is a dream for everyone, but due to intense competition, not everyone gets the opportunity to add the names of these B-Schools with theirs. But How do you reach the top level? Well, what better way to find out from people who have done it themselves.

Poster :Belling the "CAT"

## 2.9 Internships: (Total : 31 + 70 =101)

### 2.9.1 Industry Internships: (Total 31)

| Sr No | Student Name | Class | Company Name | Company Resource Person | Title of Project | Starting date of internship | End date of internship |
|---|---|---|---|---|---|---|---|
| 1 | Jay Jhaveri | D17B | Makos Infotech | Karthic | Jobaskit.com | 6/15/2021 | 7/10/2021 |
| 2 | Muskan Hassanandani | D12A | Stocc Guru | Vishal Israni | Android development | 6/16/2021 | 8/20/2021 |
| 3 | Shreeja Nanda | D17B | Deepstory | Raj Aryan Das | Research & Development | 8/4/2021 | 11/4/2021 |
| 4 | Iyer Nikhita K | D12A | LetsGrowMore | Aman Kesarwani | Task 1 - Create Single Page Website , Task 2 - Create web application using create-react-app | 8/1/2021 | 8/30/2021 |
| 5 | Radhika.Katiyara | D12A | LetsGrowMore | Aman Kesarwani | Single page website and generate API of users using react app | 8/1/2021 | 9/1/2021 |
| 6 | Salonee Velonde | D17B | Stocc Guru | Murlidhar Sharma | Stocc Guru App | 6/15/2021 | 8/20/2021 |
| 7 | Deepika Gambani | D17B | STOCC GURU | Vishal Israni | Search Engine Optimization | 6/15/2021 | 8/30/2021 |
| 8 | Ruchika Dusija | D12A | GRIP: The Sparks Foundation | Priyesh Kumar | Payment Gateway Integration System | 7/1/2021 | 7/30/2021 |
| 9 | Dhruvisha Mondhe | D12B | Icapotech pvt. Ltd. | Shivani Umredkar | Data analytics intern | 5/18/2021 | 8/31/2021 |
| 10 | Girish Moti Khemchandani | D12B | The Sparks Foundation | Pranav Dubey | Payment Gateway Integration | 7/5/2021 | 8/5/2021 |
| 11 | Lavina Virwani | D12B | The Sparks Foundation | Pranav Dubey | Payment Gateway Integration | 7/1/2021 | 8/1/2021 |
| 12 | Jai Malani | D12A | Material Depot | Manish Reddy | Full Stack Developer | 7/4/2021 | 11/4/2021 |
| 13 | Jai Malani | D12A | Material Depot | Manish Reddy | Full Stack Developer | 7/4/2021 | 11/4/2021 |
| 14 | Kusum Rohra | D12A | Ridobiko Solutions | Rajat Verma | Web Development | 7/11/2021 | 11/11/2021 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | Private Limited | | | | |
| 15 | Jai Malani | D12A | SNURSS Group Productions | Manu Rohra | Web Development | 5/10/2021 | 6/10/2021 |
| 16 | Khushboo Dalwani | D12A | Chain Labs | MIHIRSINH PARMAR | Chainlabs website | 8/1/2021 | 11/1/2021 |
| 17 | Ruturaj D Wairkar | D12B | TCR Innovation | Rutuja Doiphode | Builder's Website | 7/15/2021 | 9/1/2021 |
| 18 | Shruti Kamlesh Koku | D12A | LetsGrowMore | Aman Kesarwani | Web development | 8/1/2021 | 8/31/2021 |
| 19 | Rashmi Singh | D12B | Aspexx Health | Shivani Mishra, Priyal(HR) | Website development | 7/7/2021 | 8/2/2021 |
| 20 | Shreeja Nanda | D17B | SmartKnower | Manoj | Wine Quality Prediction using ML | 7/5/2021 | 9/30/2021 |
| 21 | Abinash Behera | D12A | STATE BANK OF INDIA | Vijay Merugu | Swayam Monitoring Tool. | 6/15/2021 | 7/31/2021 |
| 22 | Saurav Sunil Telge | D17A | WeSkill | Praneet Agarwal | AI-based dance judging system | 6/23/2021 | 11/22/2021 |
| 23 | Drishti Katiyara | D12B | LetsGrowMore | Aman Kesarwani | Bookie - Single page website, LGM Users | 8/1/2021 | 8/30/2021 |
| 24 | Mahek Nagdev | D17A | Auto-DL | Aditya Srivastava | Auto-DL | 6/21/2021 | 8/21/2021 |
| 25 | Mahek Nagdev | D17A | GTLB Infotech PVT. LTD | Gaurav Takrani | Know Your Personality | 6/1/2021 | 8/15/2021 |
| 26 | Nilay Tamane | D17A | Capgemini | Errol Pereira | 1)Optical character Recognition 2) Natural language processing | 6/23/2021 | 8/20/2021 |
| 27 | ANIKET CHANDRAPAL DEWNANI | D12B | Youth India E-School | Devesh Nene | Youth India E-School Site | 6/5/2021 | 9/5/2021 |
| 28 | Shreyas Udupa | D17B | Smartknower | Manoj | Artificial Intelligence | 7/1/2021 | 8/31/2021 |
| 29 | Etisha Mathurvaishya | D17C | Stocc Guru | Vishal Israni | Stocc Guru Android Application | 7/1/2021 | 8/31/2021 |
| 30 | Anurag Saraswat | D12A | Internship Studio | Atul Yadav | E-Commerce Web Site | 7/3/2021 | 8/7/2021 |
| 31 | Srishti Shetty | D17C | Technical Coding | Rutuja | PickyOutlet(Ecom | 6/24/2021 | 8/24/2021 |

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|---|---|---|---|---|---|---|---|
| | | | Research Innovation | Doiphode | merce Website) | | |

### 2.9.2 VRC Internships: ( Total 70)

| Internships at VESIT organised by VRC , May 2021 - July2021 | | | | |
|---|---|---|---|---|
| Sr. No | First Name | Last Name | Class | Project Name |
| 1 | Nikhil | Gangaramani | D12C | VESIT CMS : Google Meet Attendance Module |
| 2 | Vaibhav | Boliya | D12C | VESIT CMS : Google Meet Attendance Module |
| 3 | Shreyas | Kotkar | D12C | VESIT CMS : Google Meet Attendance Module |
| 4 | Aashutosh | Baraskar | D7A | P.E.A.K - Educational Website |
| 5 | Abdul Hannan | Gharade | D7C | P.E.A.K - Educational Website |
| 6 | Siddhi | Bhosale | D7A | P.E.A.K - Educational Website |
| 7 | Minal | Katware | D7A | P.E.A.K - Educational Website |
| 8 | Aniket | Dewnani | D7B | P.E.A.K - Educational Website |
| 9 | Hrithika | Singh | D7B | P.E.A.K - Educational Website |
| 10 | Vivek | Gonal | D7A | P.E.A.K - Educational Website |
| 11 | Divesh | Watwani | D7A | P.E.A.K - Educational Website |
| 12 | Nidhi | Rohra | D12B | P.E.A.K - Educational Website |
| 13 | Shivani | Kulkarni | D12C | P.E.A.K - Educational Website |
| 14 | NEEHARIKA | NAGORI | D7A | P.E.A.K - Educational Website |
| 15 | Gunjan | Bhawsinghka | D12B | P.E.A.K - Educational Website |
| 16 | Shruti | Mishra | D12C | P.E.A.K - Educational Website |
| 17 | Aditya | Khomane | D12A | P.E.A.K - Educational Website |
| 18 | Ashwin | Pansare | D7B | P.E.A.K - Educational Website |
| 19 | Soham | Das | D7A | Conference Website |
| 20 | Yogesh | Khatri | D7A | Conference Website |
| 21 | Shubham | Zope | D7A | Conference Website |
| 22 | AJAY | NAIR | D7A | Conference Website |
| 23 | Soham | Ambre | D7A | Conference Website |
| 24 | Rakshit | Deshmukh | D7A | Conference Website |
| 25 | Saurabh | Lalwani | D12A | Conference Website |
| 26 | Yash | Laddha | D12A | Conference Website |
| 27 | Amit | Joshi | D12A | Conference Website |
| 28 | Yashkumar | Jain | D12B | IoT Belt |
| 29 | Vikram | Virwani | D12B | IoT Belt |
| 30 | Jayesh | Shadi | D12A | Automated Crowd Management in Public Bus Transport Service |
| 31 | SAKSHEE | SAWANT | D12B | Automated Crowd Management in Public Bus Transport Service |
| 32 | Shivoham | Angal | D7B | Development of Web based Vedic Mathematics App |

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|---|---|---|---|---|
| 33 | Adarsh | Singh | D7C | Brain Tumor Detection and Classification Using Image processing, Machine Learning and Deep Learning Approaches |
| 34 | Sadhvi | Ganuwala | D12B | Brain Tumor Detection and Classification Using Image processing, Machine Learning and Deep Learning Approaches |
| 35 | Mrunmayee | Waingankar | D7C | Brain Tumor Detection and Classification Using Image processing, Machine Learning and Deep Learning Approaches |
| 36 | Ryan | Rodricks | D10 | Brain Tumor Detection and Classification Using Image processing, Machine Learning and Deep Learning Approaches |
| 37 | Dimple | Nachnani | D12C | Brain Tumor Detection and Classification Using Image processing, Machine Learning and Deep Learning Approaches |
| 38 | Jatin | Chhabria | D12C | Brain Tumor Detection and Classification Using Image processing, Machine Learning and Deep Learning Approaches |
| 39 | Saurav | Telge | D12A | Brain Tumor Detection and Classification Using Image processing, Machine Learning and Deep Learning Approaches |
| 40 | Harish | Kumar | D12A | Analytics for Student Database using Google Script and Google Spreadsheet |
| 41 | Gunjan | Lalwani | D7A | Analytics for Student Database using Google Script and Google Spreadsheet |
| 42 | Amol | Mali | D7C | Analytics for Student Database using Google Script and Google Spreadsheet |
| 43 | Harsh | Singh | D12B | Analytics for Student Database using Google Script and Google Spreadsheet |
| 44 | Disha | Mehta | D7A | Peer to Peer review and teaching feedback system |
| 45 | Vaishnavi | Shinde | D7A | Peer to Peer review and teaching feedback system |
| 46 | Girish | Khemchandani | D7B | Peer to Peer review and teaching feedback system |
| 47 | Lavina | Virwani | D7B | Peer to Peer review and teaching feedback system |
| 48 | Karan | Sharma | D7A | Peer to Peer review and teaching feedback system |
| 49 | Nihar | Kenny | D7A | Aditya Jyot EYE hospital -Patient Referral system |
| 50 | Adwait | Shirodkar | D7A | Aditya Jyot EYE hospital -Patient Referral system |
| 51 | Ameya | Dikshit | D9A | Study of VESIT drone |
| 52 | Kartikey | Verma | D7B | Peer to Peer review and teaching feedback system |
| 53 | Aryan | Gupta | D7A | Aditya Jyot EYE hospital -Patient Referral system |
| 54 | Radhika | Katiyara | D7A | Green Credit Management System |
| 55 | Nikhita | Iyer | D7A | Green Credit Management System |
| 56 | Drishti | Katiyara | D7B | Green Credit Management System |
| 57 | AASHISH | RAHEJA | D7B | Green Credit Management System |

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|---|---|---|---|---|
| 58 | Onkar | Bhatlawande | D12A | Connecting small businesses together through an analytics driven platform |
| 59 | Ritika | Khatri | D7C | Connecting small businesses together through an analytics driven platform |
| 60 | Pooja | Koshti | D12A | Connecting small businesses together through an analytics driven platform |
| 61 | Tarun | Mishra | D7C | Connecting small businesses together through an analytics driven platform |
| 62 | Srishti | Vazirani | D12B | e-health card |
| 63 | Meet | Patel | D7A | e-health card |
| 64 | Siddharth | Tayde | D12A | e-health card |
| 65 | Prerak | Moolchandani | D7A | e-health card |
| 66 | Tanvi | Shetty | D12B | online educational website |
| 67 | Jai | Malani | D7A | VESIT Certificate System |
| 68 | Rashmi | Singh | D7B | VESIT Certificate System |
| 69 | Tanya | Bajaj | D7C | VESIT Certificate System |
| 70 | Nilesh | Talreja | D17A | VESIT Certificate System |

## 2.10 Scholarships Applied / Received

Around 100 students have applied for the following scholarships - Students Aid Scholarship, Vivekanand Jyoti Scholarship. Of which 47 students have received Scholarship which is Rs.60,000 approximately,

**DETAILS:**

| Sr. No. | Name of Student | Class | Scholarship | Received Scholarship Amount Appr. |
|---|---|---|---|---|
| 1 | AHIR DHRUV RAJUBHAI | CMPN III YEAR | JAI CORPO LTD | 15,000 |
| 2 | CHHABRIA MUSKAN DEEPAKLAL | CMPN II YEAR | GOPAL MANKANI - 10000.00 GIRI LALWANI - 5000.00 | 15,000 |
| 3 | CHHABRIA MUSKAN DEEPAKLAL | CMPN II YEAR | VES EDU. FUND | 15,000 |
| 4 | SAKSHI GANGWANI | D12C | SWAMI DEVPRAKASH JANAKALYAN TRUST | 3,000 |
| 5 | KOMAL ASRANI | D12C | SWAMI DEVPRAKASH JANAKALYAN TRUST | 3,000 |
| 6 | NIKITA AHUJA | D12C | SWAMI DEVPRAKASH | 3,000 |

| | | | | |
|---|---|---|---|---|
| | | | JANAKALYAN TRUST | |
| 7 | SAKSHI GANGWANI | D12C | SHRI VENKTESHWAR NIDHI TRUST | 11,000 |
| 8 | SAKSHI GANGWANI | D12C | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 15,000 |
| 9 | SAKSHI GANGWANI | D12C | BHARTIYA SINDHU SABHA | 15,000 |
| 10 | NIKITA AHUJA | D12C | SHRI VENKTESHWAR NIDHI TRUST | 11,000 |
| 11 | NIKITA AHUJA | D12C | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 20,000 |
| 12 | NIKITA AHUJA | D12C | BHARTIYA SINDHU SABHA | 15,000 |
| 13 | KOMAL ASRANI | D12C | SHRI VENKTESHWAR NIDHI TRUST | 11,000 |
| 14 | KOMAL ASRANI | D12C | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 25,000 |
| 15 | KOMAL ASRANI | D12C | BHARTIYA SINDHU SABHA | 15,000 |
| 16 | AJAY NAIR | D12A | OHM JYOTI | 60,000 |
| 17 | MUSKAN H BAHRANI | CMPN II YEAR | VES EDU. FUND | 10,000 |
| 18 | KHUSHI BHATIA | CMPN II YEAR | VES EDU. FUND | 10,000 |
| 19 | KOMAL ASRANI | D12C | SUNDER SHEWAK SABHA | 15,000 |
| 20 | HITESH RAMRAKHYANI | D7A | JEEV DAYA SOLUTION | 30,000 |
| 21 | HARSHA CHELANI | CMPN II YEAR | VES EDU. FUND | 15,000 |
| 22 | HITESH D RAMRAKHYANI | CMPN II YEAR | VES EDU. FUND | 15,000 |
| 23 | MUSKAN H BAHRANI | CMPN II YEAR | VES EDU. FUND | 5,000 |
| 24 | DIPTI MENGHANI | D12B | SUNDER SHEWAK SABHA | 20,000 |
| 25 | NIKITA NARWANI | CMPN II YEAR | VES EDU. FUND | 10,000 |
| 26 | CHHABRIA MUSKAN | CMPN II YEAR | VES SCHOLARSHIP | 15,000 |

| | | | | |
|---|---|---|---|---|
| | DEEPAKLAL | | | |
| 27 | KHUSHBOO DALWANI | D12A | SUNDER SHEWAK SABHA | 25,000 |
| 28 | KHUSHBOO DALWANI | D12A | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 25,000 |
| 29 | CHHABRIA MUSKAN DEEPAKLAL | CMPN II YEAR | VISHU LALA & PUNAM LALA | 5,000 |
| 30 | NIKITA NARWANI | CMPN II YEAR | BHARTIYA SINDHU SABHA | 15,000 |
| 31 | ADITYA KHETWANI | CMPN II YEAR | BHARTIYA SINDHU SABHA | 15,000 |
| 32 | DIPTI MENGHANI | D12B | VES EDU. FUND | 10,000 |
| 33 | RAHUL MOTWANI | D7A | VES EDU. FUND | 10,000 |
| 34 | CHHABRIA MUSKAN DEEPAKLAL | CMPN II YEAR | VES EDU. FUND | 5,000 |
| 35 | RAHUL MOTWANI | D7A | SUNDER SHEWAK SABHA | 35,000 |
| 36 | KHUSHI BHATIA | D7C | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 20,000 |
| 37 | KHUSHI BHATIA | D7C | BHARTIYA SINDHU SABHA | 15,000 |
| 38 | MUSKAN H BAHRANI | CMPN II YEAR | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 15,000 |
| 39 | MUSKAN H BAHRANI | CMPN II YEAR | BHARTIYA SINDHU SABHA | 15,000 |
| 40 | AAKASH VANJANI | D17A | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 20,000 |
| 41 | DIPTI RAJESH MENGHANI | CMPN II YEAR | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 20,000 |
| 42 | KOMAL ASRANI | D12C | VES EDU. FUND | 7,500 |
| 43 | NIKITA AHUJA | D12C | VES EDU. FUND | 10,000 |
| 44 | KHUSHBOO DALWANI | D12A | VES EDU. FUND | 7,500 |

| | | | | |
|---|---|---|---|---|
| 45 | CHHABRIA MUSKAN DEEPAKLAL | CMPN II YEAR | VES EDU. FUND | 10,170 |
| 46 | RAHUL MOTWANI | D7A | SAI VILAYATRAI SAI JIWATSINGH & SAI VISHINDAS | 15,000 |
| 47 | KARAN PANJABI | D12B | SHRI RAM KESWANI PROTHSAHAN PURASKAR | 50000 |

# Vivekanand Education Society's Institute of Technology

## Department of Instrumentation Engineering

## Academic Year 2021-22 (ODD Sem)

## Department Report (From 1st July-31st December 2021)

**1.Faculty Contribution**

1.1 Orientation Programs

1.2 Courses Attended by Faculty

1.3 Research Paper Published

1.4 Other Achievements

1.4.1 PHD Completion

1.4.2.ATAL FDP On " Electric Vehicle"

**2.Alumni Interaction (V-Reach)**

**3.Entrepreneurship Initiatives**

**4.Student Achievement**

4.1 Higher studies details for 2020-21

4.2 Student Participation Workshops /Seminars/ Internship/Training

4.3 Industry Interactions/Training

4.4 Student Achievements/Award

**5.Skill Development Activities**

5.1Finishing school Training

**6.Professional Society Activities (ISA)**

6.1 Graph up with Chart.js Workshop

6.2 3D Printing Workshop

6.3 Desktop Applications using Tkinter Workshop

6.4 Embedded Systems Workshop

**7.ISA Non Technical Events**

7.1 EluciMate 2.0

7.2 BE and Beyond

## 8.Extra-curricular activities

## 1.Faculty Contribution

### 1.1Orientation Programs

| Sr. No. | Conducted By | Course description (Orientation Program) | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Sangeetha Prasanna Ram | Online Orientation Program for the course "Analytical Instrumentation" | VESIT on behalf of Board of studies, Mumbai university | 10th July 2021 | One Day |
| 2 | Jayassre Ramakrishnan | Online Orientation Program for the course "Analytical Instrumentation" | VESIT on behalf of Board of studies, Mumbai university | 10th July 2021 | One Day |

### 1.2 Courses Attended by Faculty

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Dr.Nilima Warke | ATAL online FDP on "Implementation of Industry 4.0 and It's challenges" | New Horizon College of Engineering | 5th July to 9th July 2021 | One week |
| 2 | Dr.Nilima Warke | Innovation Ambassador Training(Advanced Level) | Ministry of Education's Innovation cell & AICTE | 30th June-30th July 2021 | One Month |
| 3 | Dr.Nilima Warke | National Level FDP on "Data Science for Instrumentation" | D. Y.Patil College of Engineering, Akurdi | 15th July to 17th July 2021 | three Days |
| 4 | Jayassre Ramakrishnan | ATAL Online FDP on "Electric Vehicles" | VESIT | 5th July to 9th July 2021 | One week |
| 5 | Jayassre Ramakrishnan | Innovation Ambassador Training(Advanced Level) | Ministry of Education's Innovation cell & AICTE | 30th June-30th July 2021 | One Month (16 sessions of 30 contact hours) |

## 1.3 Research Paper Published

| Publication - Author List | Publication - Affiliation of Authors | Publication - Date | Publication - National / International | Publication - Journal / Conference | Publication - Name of The Journal / Conference | Publication - Organised By | Publication - Venue | Publication - Publisher | Publication - ISBN Number |
|---|---|---|---|---|---|---|---|---|---|
| Kadambari Sharma | Kadambari Sharma | September, 2021 | International | Journal | International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering(IJAREEIE), | | | | doi:10.15662/IJAREEIE.2021.1009015 |
| Kadambari Sharma | Kadambari Sharma | October, 2021 | International | Conference | Proceedings of 3rd International Conference on Advances in Electrical and Computer Technologies 2021. | | | | |
| Kadambari Sharma | Kadambari Sharma | October, 2021 | International | Conference | Proceedings of 3rd International Conference on Communication, Computing and Electronics Systems,ICCCES2021 | | | | |
| Machhindranath Patil, Bijnan Bandyopadhyay, Deepti Khimani, Myat Toe | Machhindranath Patil, Bijnan Bandyopadhyay, Deepti Khimani, Myat Toe | September 2021 | International | | Robust output tracking for the non-minimum phase over-actuated systems | | | | https://doi.org/10.1016/j.automatica.2021.109726 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sangeetha Prasanna Ram | Instrumentation department, VESIT | September 2021 | International | Journal | International Research Journal of Engineering and Technology | | | | e-ISSN:2395-0056, p-ISSN:2395-0072 |

## 1.4 Other Achievements

### 1.4.1 P.H.D. Completion - Dr. Nilima Warke

Congratulations…..Dr.Nilima Warke on successfully completing your Ph.D.in Dec 2021 and making us all proud.Your motivation and optimism is an inspiration to many. Stay the same. Keep flying and attaining greater heights!

**Dr.Nilima Warke**

**Ph.D Details:**

**Topic:New Hardware Methods for Extraction of Low Level Differential Signals over Wide Bandwidth With High CMRR and S/N Ratio**

**Guide: Dr. (Mrs.) Jayalekshmi M. Nair and Dr. P.P. Vaidya**

The new methods for improvement of dynamic range of instrumentation amplifier have been proposed, designed and tested without affecting CMRR and frequency response to compensate DC offset voltages with constant voltage and current sources, three-stage instrumentation amplifier. These techniques have resulted in improved dynamic range without affecting CMRR and a differential gain over the entire range of frequencies. These methods can be used for blocking DC offset voltages and hence increasing dynamic range in any field. Impedance steering method is also designed which is particularly suitable for PC-based systems and produces a uniform frequency response, even at lower frequencies, which is important for biomedical signal processing. A new Figure of Merit has been proposed for quantitative assessment of improvement in dynamic range as Distortion free Dynamic range Improvement Ratio.

Also, a new method for removal of common mode signal of unknown frequency signals using new balancing technique has been designed and tested which improves the effective CMRR to $10^8$ to $10^9$ of the system without degrading frequency response.

The performance of these developed circuits is required to be tested and verified with high accuracy, a computer controlled high resolution (16 bit) hardware research validation system is designed and constructed over wide bandwidth 0-10MHz. The developed system has a component cost that is as small as nearly 10% of the cost of commercially available validation systems. As a result, this hardware validation system is a cost-effective solution for academic institutions.

### 1.4.2 AICTE Training And Learning Academy (ATAL) Sponsored One Week Faculty Development Program on "Electric Vehicles" (5th July to 9th July 2021)

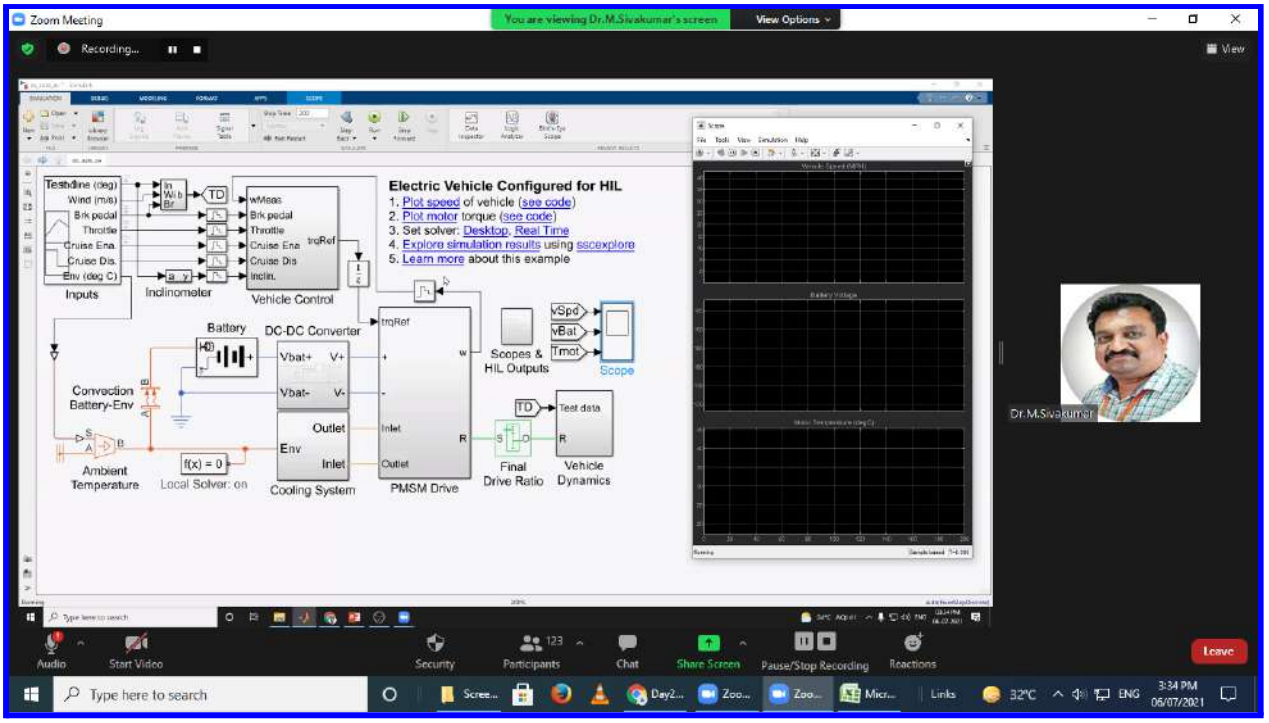
VESIT Renaissance Cell (In association with Department of EXTC Engineering, Instrumentation Engineering, VESIT-IIC and IQAC) of VESIT, Mumbai, Maharashtra is organizing,AICTE Training And Learning Academy (ATAL) Sponsored One Week Faculty Development Program (online)on "Electric Vehicles" (5th July to 9th July 2021)

**ABOUT FDP**

The electric vehicle industry is a growing industry in India. The central and state governments have launched schemes and incentives to promote electric mobility in the country and some regulations and standards are also in place. Electric vehicles are the future of transportation. Electric mobility has become an essential part of the energy transition and will imply significant changes for vehicle manufacturers, governments, companies, and individuals. There are challenges like lack of charging infrastructure, high initial cost, and lack of electricity produced from renewable energy. Still, e-commerce companies, car manufacturers, app-based transportation network companies, and mobility solution providers have entered the sector and are slowly building up electric car capacity and visibility. Also, Electric Vehicles (EV) are one of the growing popular options for people who are conscious about environmental pollution, global warming, and health issues. The global share of Electric vehicles will increase from 2% in 2020 to 22% in 2030. The ability to deliver the technical information of this major area to the right audience at the right time is a valuable skill. This Faculty Development Program (FDP) is designed to enrich and augment the knowledge of the participants and provide a basic platform to carry out research in these fields which will further bolster the development of the country.

**PARTICIPANTS DETAILS**

| | |
|---|---|
| Number of participants Applied | 200 |
| Number of approved participants | 189 |
| Number of participants joined whatsapp group | 175 |
| Number of participants attended workshop | 150 |
| Number of participants eligible for certificate | 132 |


Zoom Meeting
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View Options
Recording...
Electric Vehicle Configured for HIL
1. Plot speed of vehicle (see code)
2. Plot motor torque (see code)
3. Set solver: Desktop, Real Time
4. Explore simulation results using sscexplore
5. Learn more about this example
Inputs
Inclinometer
Vehicle Control
Battery
DC-DC Converter
Scopes & HIL Outputs
Scope
Convection Battery-Env
Ambient Temperature
Local Solver: on
Cooling System
PMSM Drive
Final Drive Ratio
Vehicle Dynamics
Dr.M.Sivakumar
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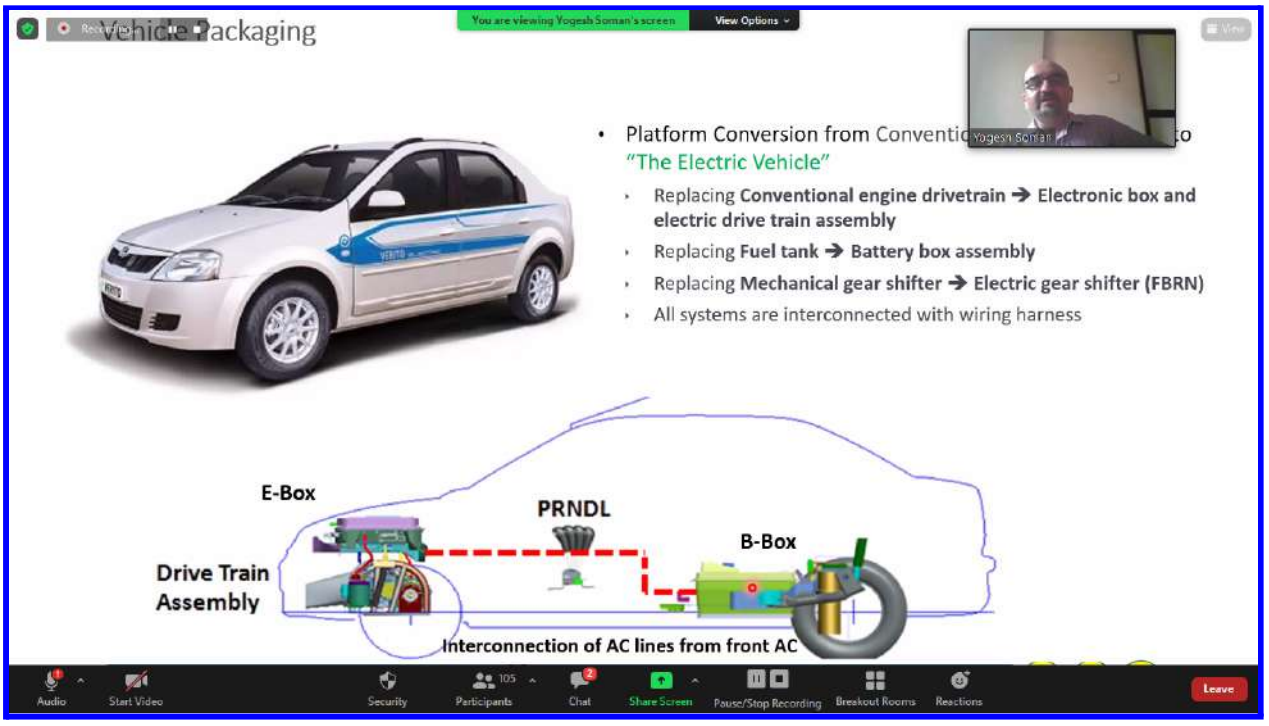
Vehicle Packaging
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Yogesh Soman
• Platform Conversion from Conventio to "The Electric Vehicle"
Replacing Conventional engine drivetrain → Electronic box and electric drive train assembly
Replacing Fuel tank → Battery box assembly
Replacing Mechanical gear shifter → Electric gear shifter (FBRN)
All systems are interconnected with wiring harness
E-Box
PRNDL
B-Box
Drive Train Assembly
Interconnection of AC lines from front AC
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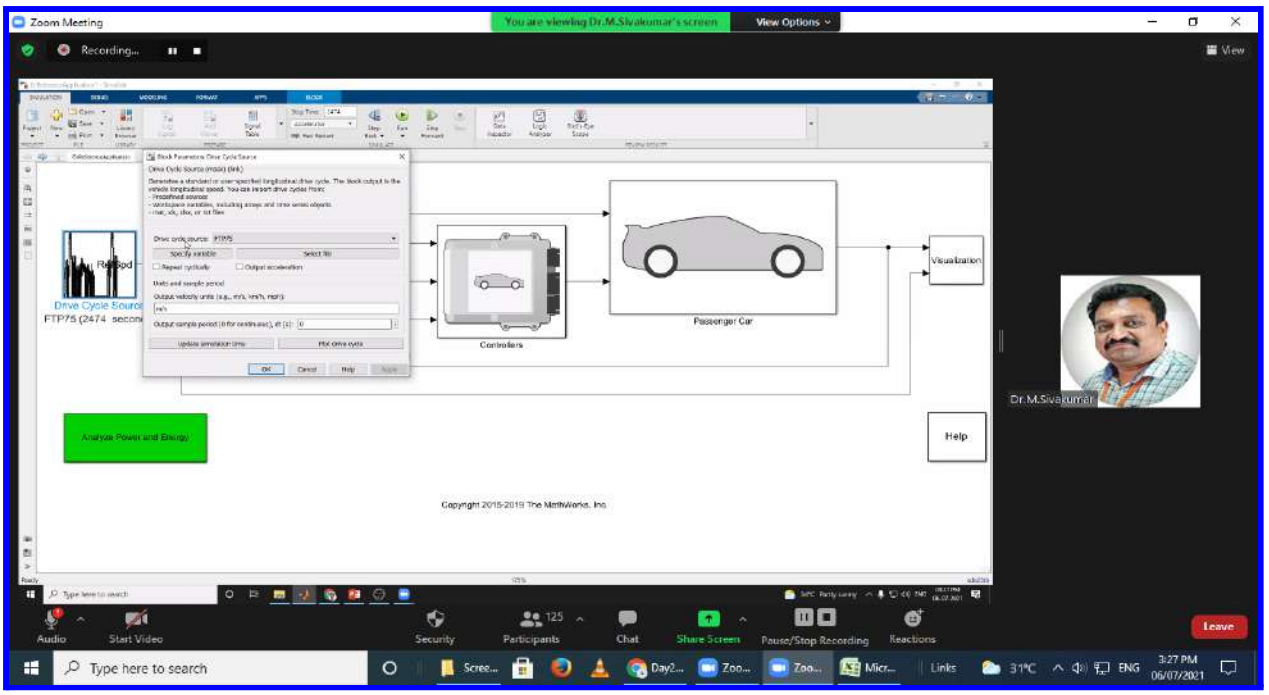
Zoom Meeting
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Drive Cycle Source
Controllers
Passenger Car
Visualization
Dr.M.Sivakumar
Analyze Power and Energy
Help
Copyright 2015-2019 The MathWorks, Inc.
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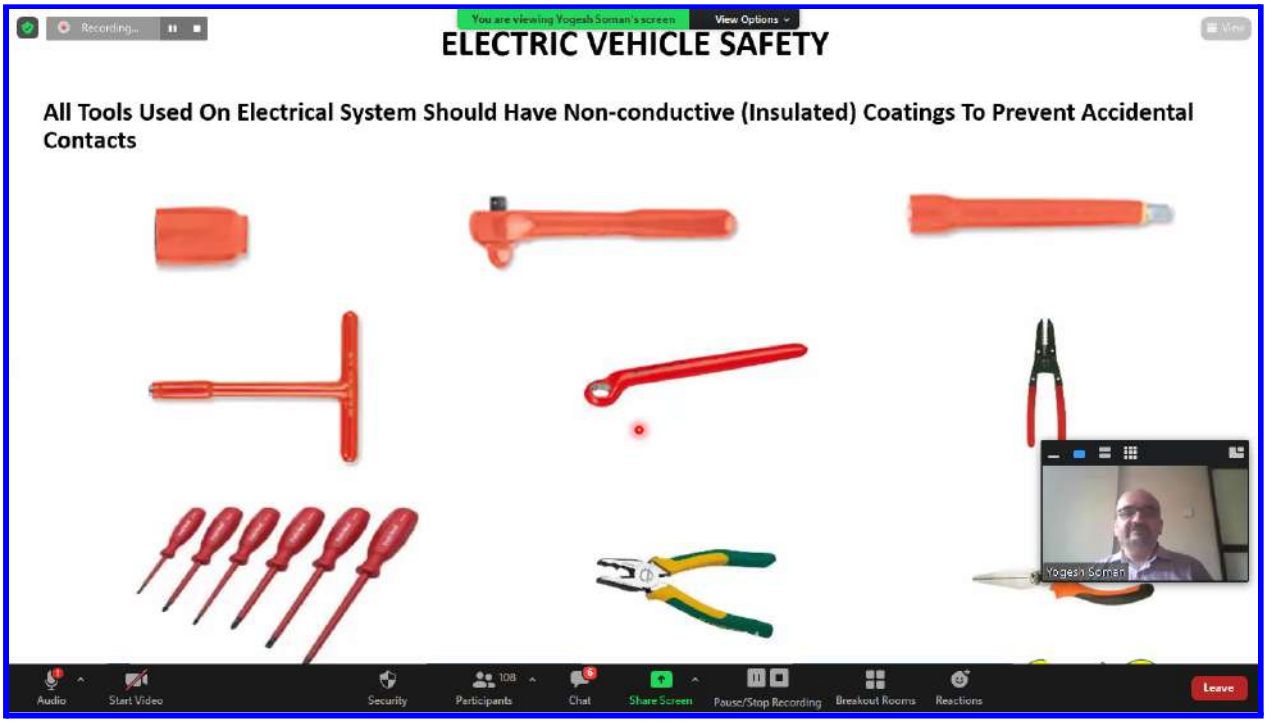
06/07/2021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ELECTRIC VEHICLE SAFETY
All Tools Used On Electrical System Should Have Non-conductive (Insulated) Coatings To Prevent Accidental Contacts
Yogesh Soman
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Chat
Share Screen
Pause/Stop Recording
Breakout Rooms
Reactions
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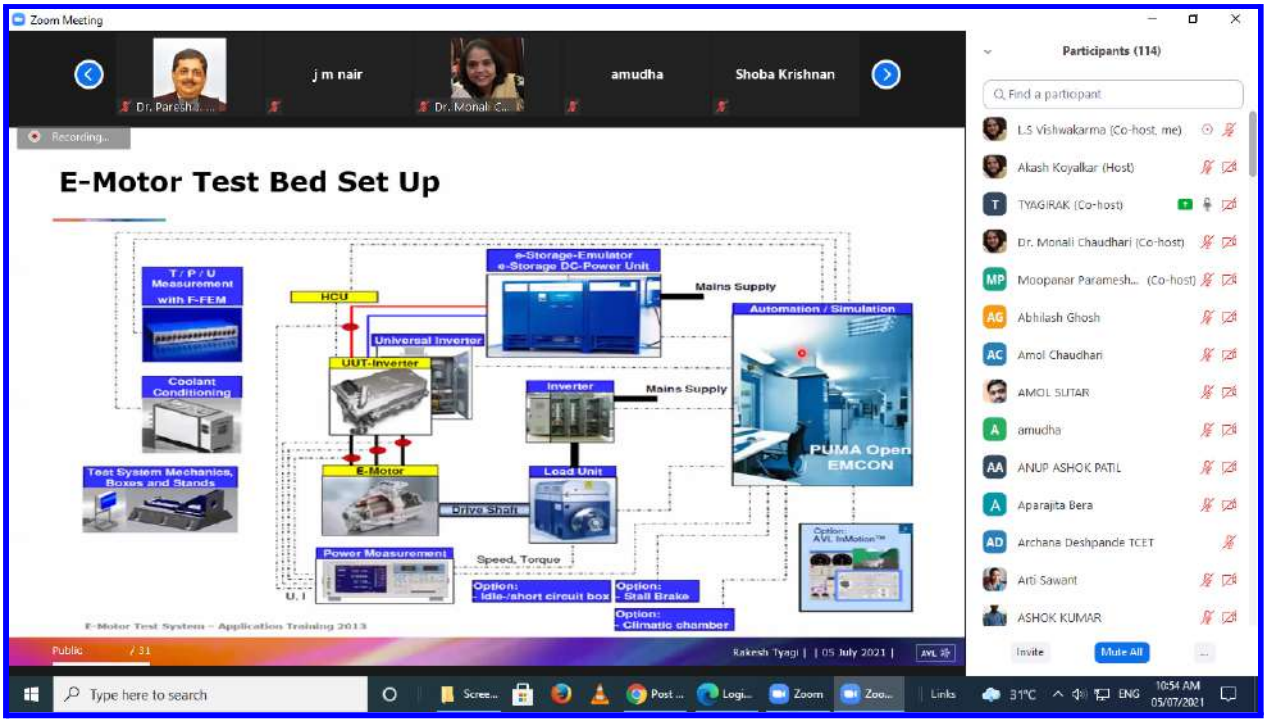
Zoom Meeting
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Shoba Krishnan
Participants (114)
E-Motor Test Bed Set Up
T / P / U Measurement with F-FEM
Coolant Conditioning
Test System Mechanics, Boxes and Stands
HCU
e-Storage-Emulator e-Storage DC-Power Unit
Mains Supply
Universal Inverter
UUT-Inverter
Inverter
Mains Supply
Automation / Simulation
PUMA Open EMCON
E-Motor
Load Unit
Drive Shaft
Power Measurement
Speed, Torque
Option: - Idle-/short circuit box
Option: - Stall Brake
Option: - Climatic chamber
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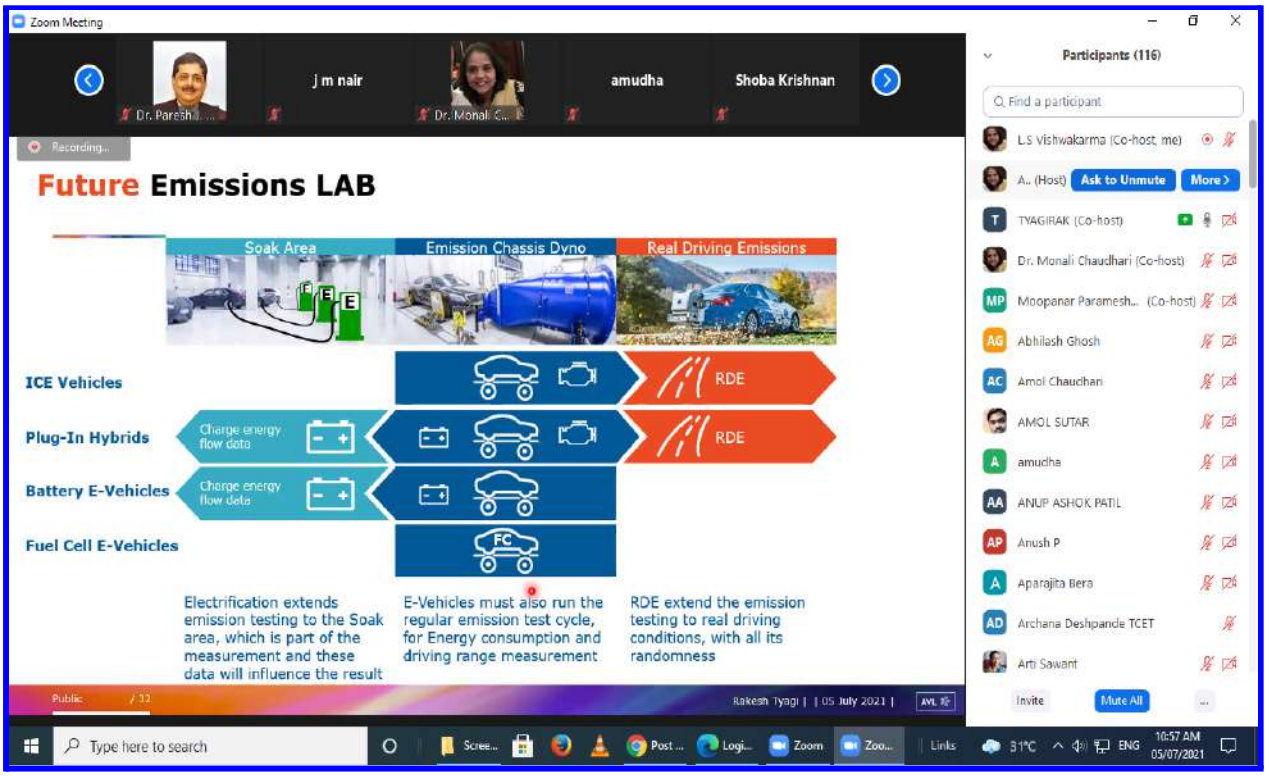
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Shoba Krishnan
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Future Emissions LAB
Soak Area
Emission Chassis Dyno
Real Driving Emissions
ICE Vehicles
RDE
Plug-In Hybrids
Charge energy flow data
RDE
Battery E-Vehicles
Charge energy flow data
Fuel Cell E-Vehicles
FC
Electrification extends emission testing to the Soak area, which is part of the measurement and these data will influence the result
E-Vehicles must also run the regular emission test cycle, for Energy consumption and driving range measurement
RDE extend the emission testing to real driving conditions, with all its randomness
Public
Rakesh Tyagi | | 05 July 2021 |
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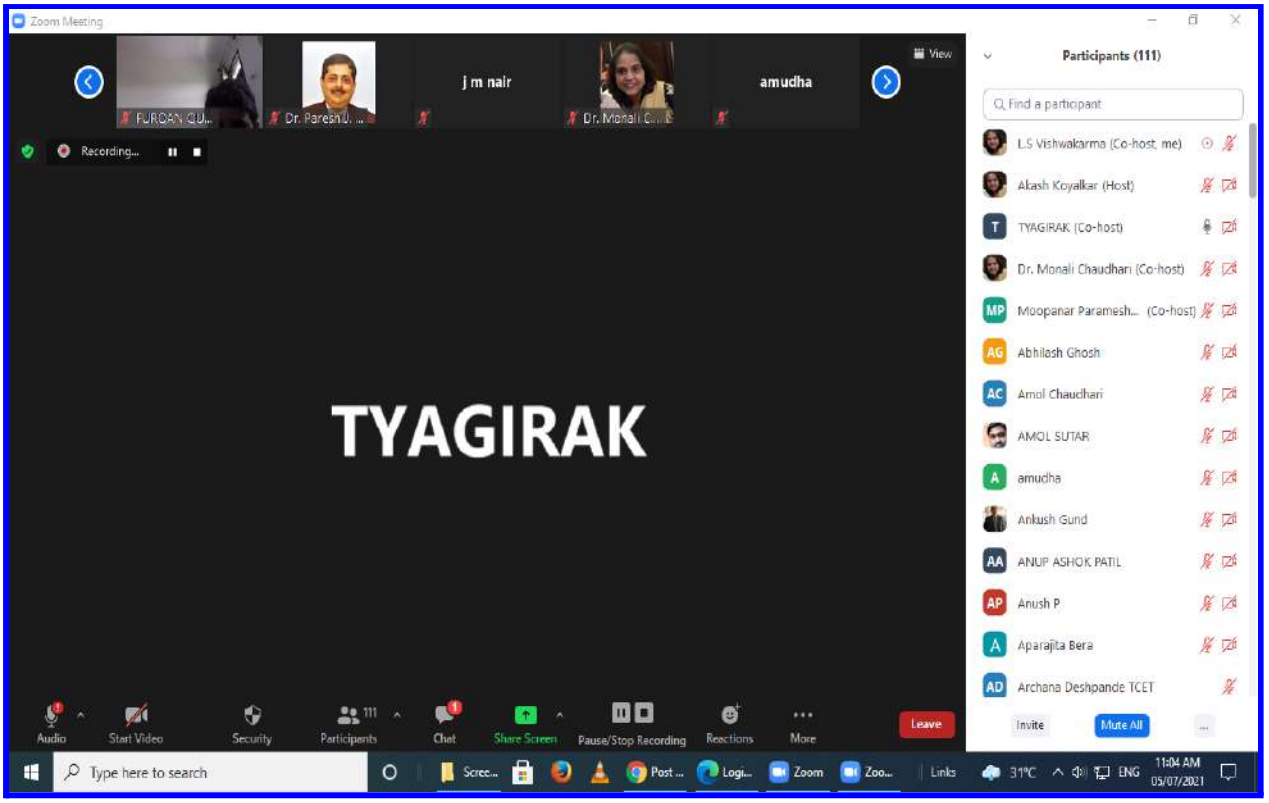
Zoom Meeting
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Dr. Monali C...
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Participants (111)
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L.S Vishwakarma (Co-host, me)
Akash Koyalkar (Host)
TYAGIRAK (Co-host)
Dr. Monali Chaudhari (Co-host)
Mooparar Paramesh... (Co-host)
Abhilash Ghosh
Amol Chaudhari
AMOL SUTAR
amudha
Ankush Gund
ANUP ASHOK PATIL
Anush P
Aparajita Bera
Archana Deshpande TCET
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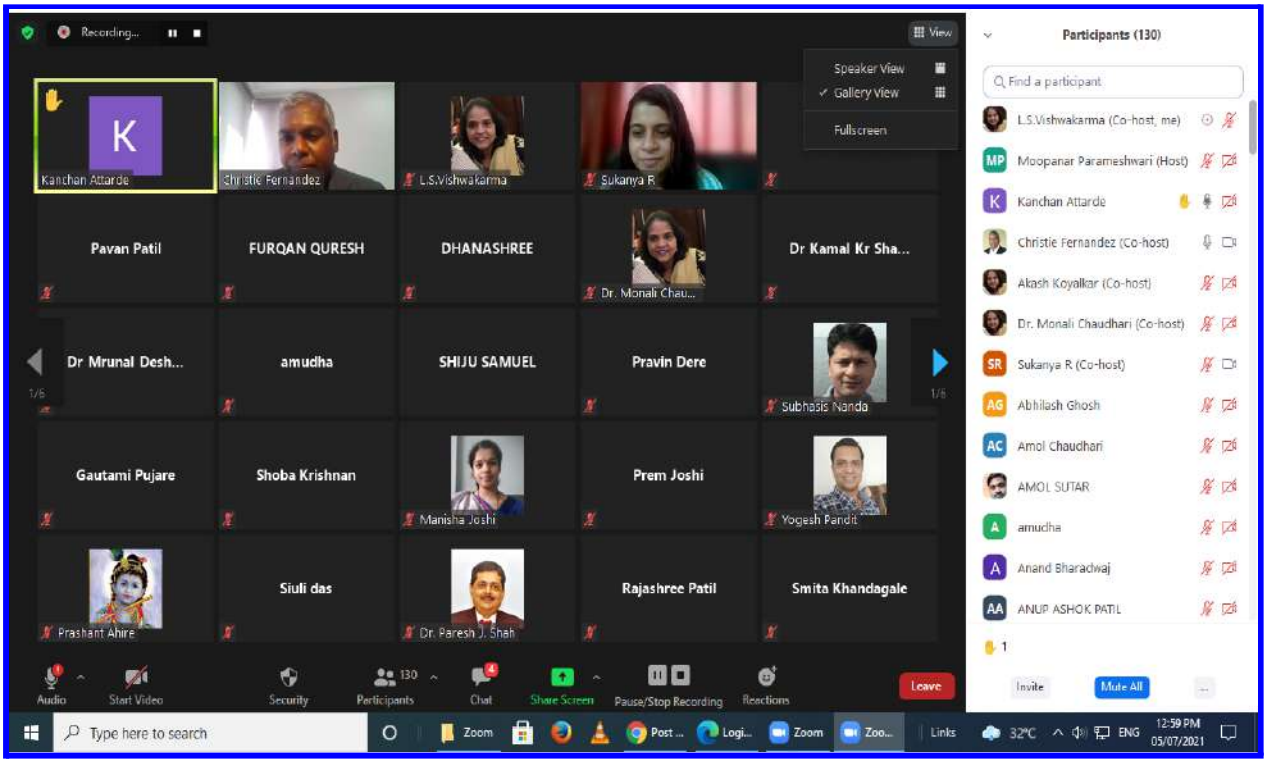
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Speaker View
Gallery View
Fullscreen
Kanchan Attarde
Christie Fernandez
L.S.Vishwakarma
Sukanya R
Pavan Patil
FURQAN QURESH
DHANASHREE
Dr. Monali Chau...
Dr Kamal Kr Sha...
Dr Mrunal Desh...
amudha
SHIJU SAMUEL
Pravin Dere
Subhasis Nanda
Gautami Pujare
Shoba Krishnan
Manisha Joshi
Prem Joshi
Yogesh Pandit
Prashant Ahire
Siuli das
Dr. Paresh J. Shah
Rajashree Patil
Smita Khandagale
Participants (130)
Find a participant
L.S.Vishwakarma (Co-host, me)
Mooparar Parameshwari (Host)
Kanchan Attarde
Christie Fernandez (Co-host)
Akash Koyalkar (Co-host)
Dr. Monali Chaudhari (Co-host)
Sukanya R (Co-host)
Abhilash Ghosh
Amol Chaudhari
AMOL SUTAR
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## 2.Alumni Interaction (V-Reach)

INST Department is proud of it's robust alumni base which has grown immensely and reached global heights. It wholeheartedly acknowledges their role as stakeholders in leveraging the VESIT brand, to foster this relationship further VESIT-Internal Quality Assurance Cell (IQAC) in association with Institution's Innovation Council (IIC), has unlocked the teaching-learning process, especially during these unprecedented times of COVID-19, through, **VESIT's Alumni Engagement Initiative: "V-REACH"**

**Objectives of V-REACH:**

- To provide a forum for a series of webinars covering various domains of learning and support outcome-based education.
- To enable knowledge and expertise sharing of alumni for professional development of students.
- To actively engage the stakeholders to expand VESIT's outreach.
- To foster our relationship with our alumni effectively and employ their flair, ardor, knack, and contributions to constructive ends for VESIT and its students.

Four alumni from the Instrumentation Department communicated with the students of second year, third year and final year and guided them for the future through V-Reach sessions, details of which are:

| Sr. No. | Name of The Speaker | Designation | Topic Covered By | Date | Batch |
|---|---|---|---|---|---|
| 1 | Mr.Vikram Gupta | Manager central procurement organization Mumbai | Digitization in Refineries | 03/08/2021 | INST 2008 |
| 2 | Mr. Arca Mitra | Senior manager (I & C design), Nuclear Power Corporation of India Limited | Opportunities for engineer in PSU/Govt sector | 11/08/2021 | INST 2009 |
| 3 | Ms. Mrugakshi Bole | Sr.Instrumentation Engineer Black & Veatech Pvt.Ltd | Technical and Soft skills required for engineering students | 12/08/21 | INST 2014 |

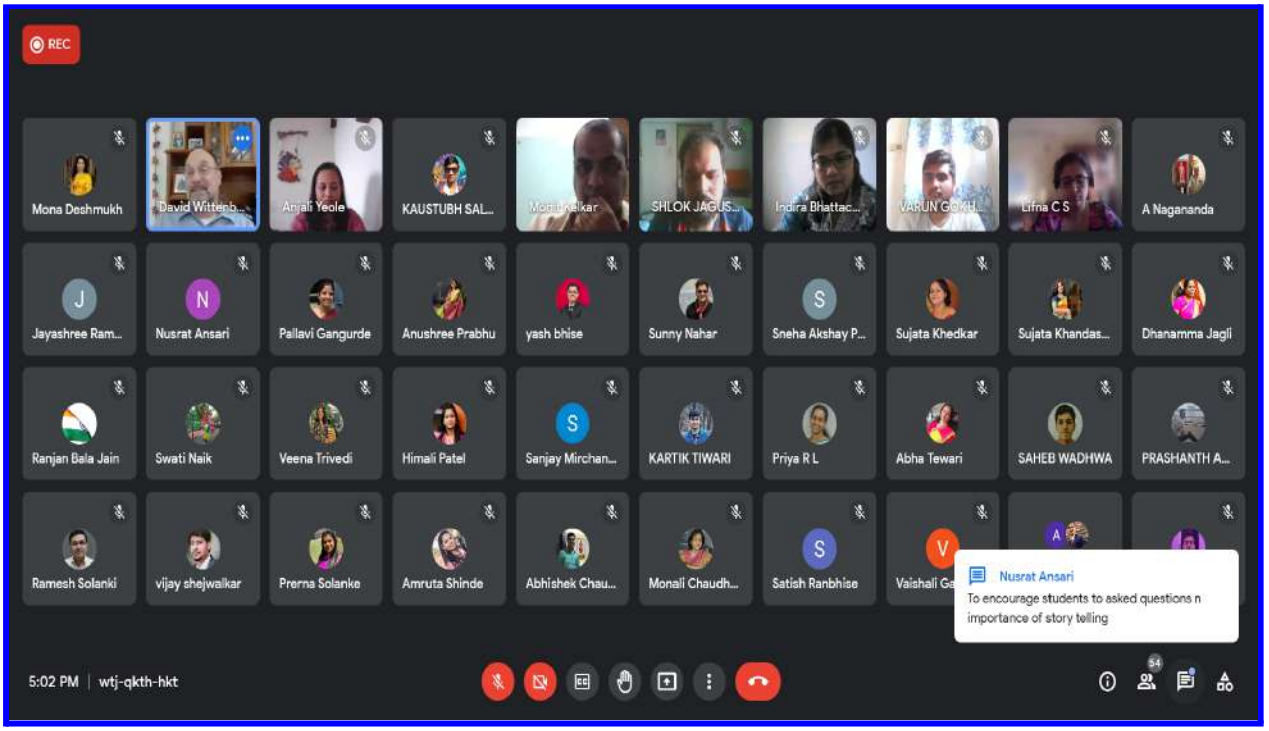
| | | | | | |
|---|---|---|---|---|---|
| 4 | Mr. Rahul Ghogle | Process Automation Division Business Development professional for DCS, Siemens Ltd. | Industrial Automation for Process Industry | 23/08/21 | INST 2011 |

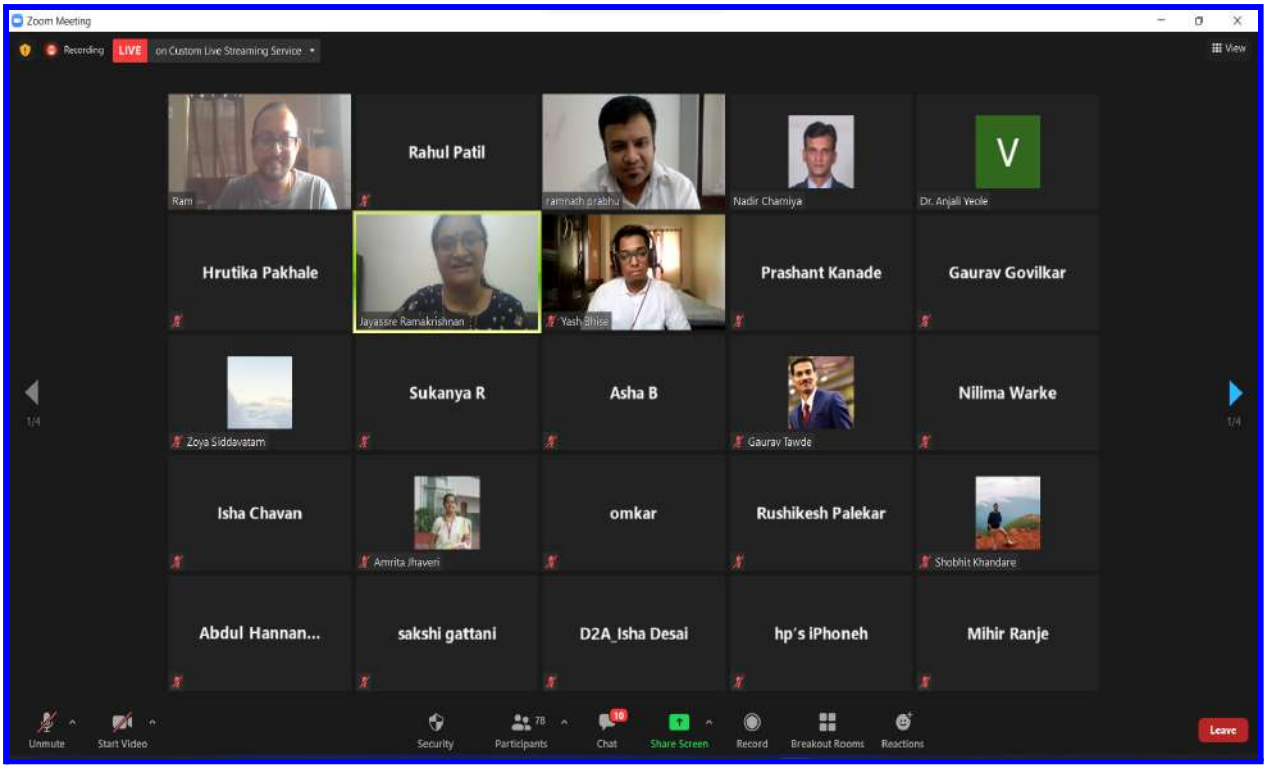
### 3.Entrepreneurship Initiatives

To initiate students with current knowledge, Industry affairs and enhance the students for start-ups, our faculty member Mrs.Jayashree Ramakrishnan played the Coordinator role in the Entrepreneurship Initiative session under the guidance of IQAC-IIC.

An online session was conducted for all students & staff members, under IQAC-IIC, the details of which are :

- Dr. Ramakrishnan R.(Assistant Vice President – Intellect Design Arena) & Mr. Ramnath Prabhu (Assistant Manager - Intellect Design Arena) gave an expert lecture on "Design The Thinking - Preparing the Entrepreneurship Mindset" at 31st July 2021 from 10.00AM-12.00PM.




Zoom Meeting
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Rahul Patil
Ram
ramnath prabhu
Nadir Chamiya
Dr. Anjali Yeole
Hrutika Pakhale
Jayasree Ramakrishnan
Yash Bhise
Prashant Kanade
Gaurav Govilkar
Zoya Siddavatam
Sukanya R
Asha B
Gaurav Tawde
Nilima Warke
Isha Chavan
Amrita Jhaveri
omkar
Rushikesh Palekar
Shobhit Khandare
Abdul Hannan...
sakshi gattani
D2A_Isha Desai
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Mihir Ranje
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Record
Breakout Rooms
Reactions
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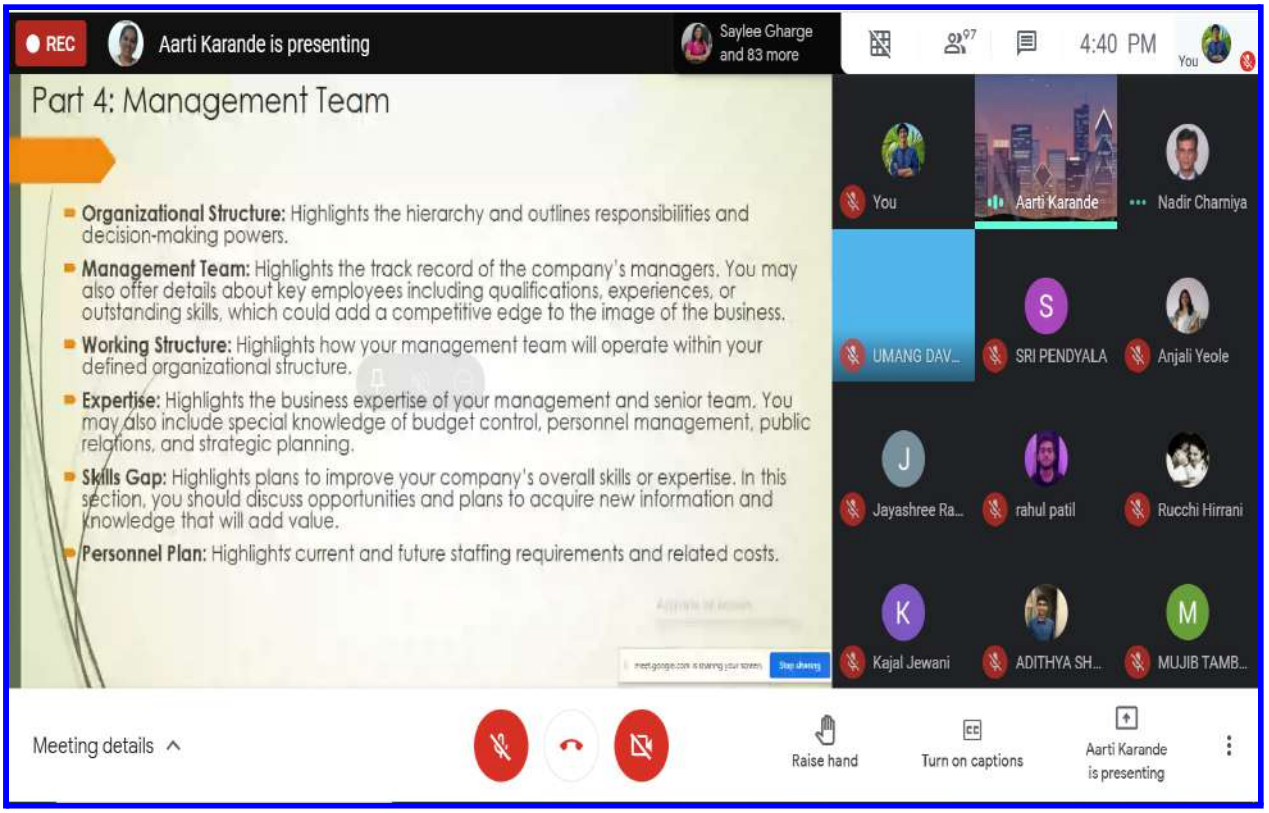
REC
Aarti Karande is presenting
Saylee Ghargе and 83 more
4:40 PM
You
Part 4: Management Team
Organizational Structure: Highlights the hierarchy and outlines responsibilities and decision-making powers.
Management Team: Highlights the track record of the company's managers. You may also offer details about key employees including qualifications, experiences, or outstanding skills, which could add a competitive edge to the image of the business.
Working Structure: Highlights how your management team will operate within your defined organizational structure.
Expertise: Highlights the business expertise of your management and senior team. You may also include special knowledge of budget control, personnel management, public relations, and strategic planning.
Skills Gap: Highlights plans to improve your company's overall skills or expertise. In this section, you should discuss opportunities and plans to acquire new information and knowledge that will add value.
Personnel Plan: Highlights current and future staffing requirements and related costs.
You
Aarti Karande
Nadir Chamiya
UMANG DAV...
SRI PENDYALA
Anjali Yeole
Jayashree Ra...
rahul patil
Rucchi Hirrani
Kajal Jewani
ADITHYA SH...
MUJIB TAMB...
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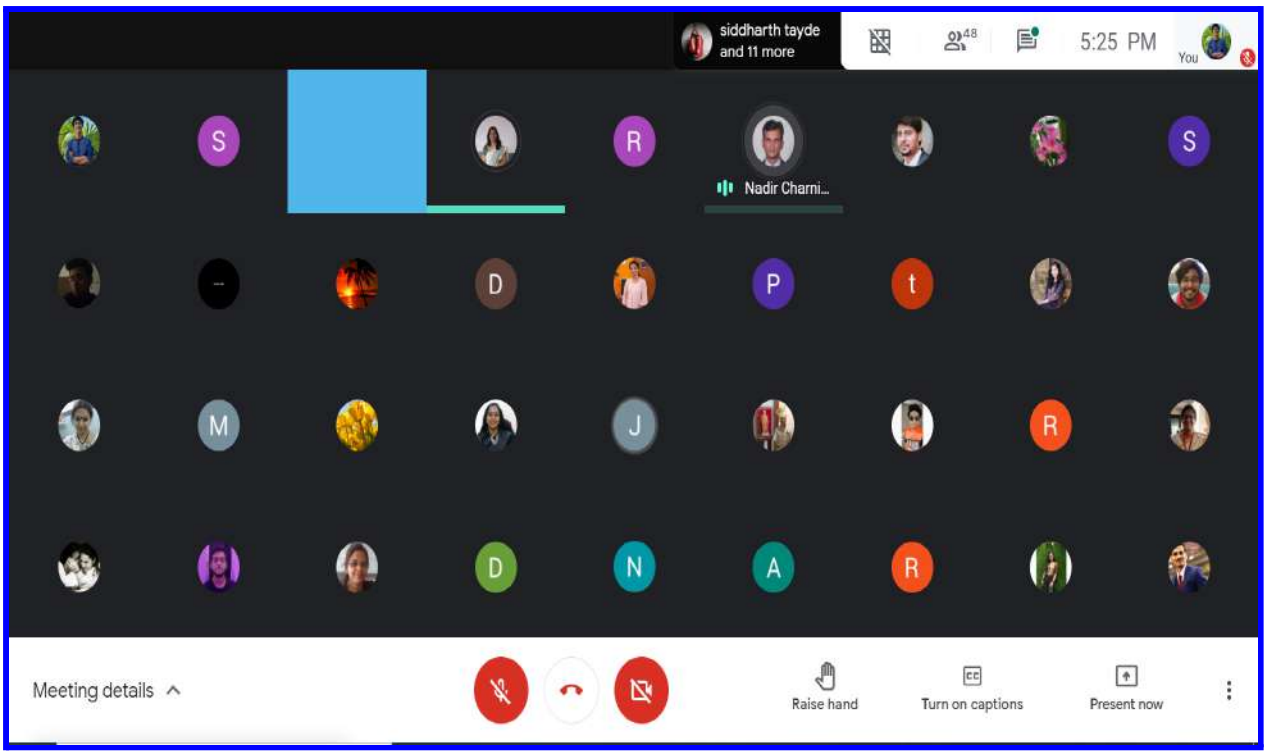
Aarti Karande is presenting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Nadir Charni...
Meeting details
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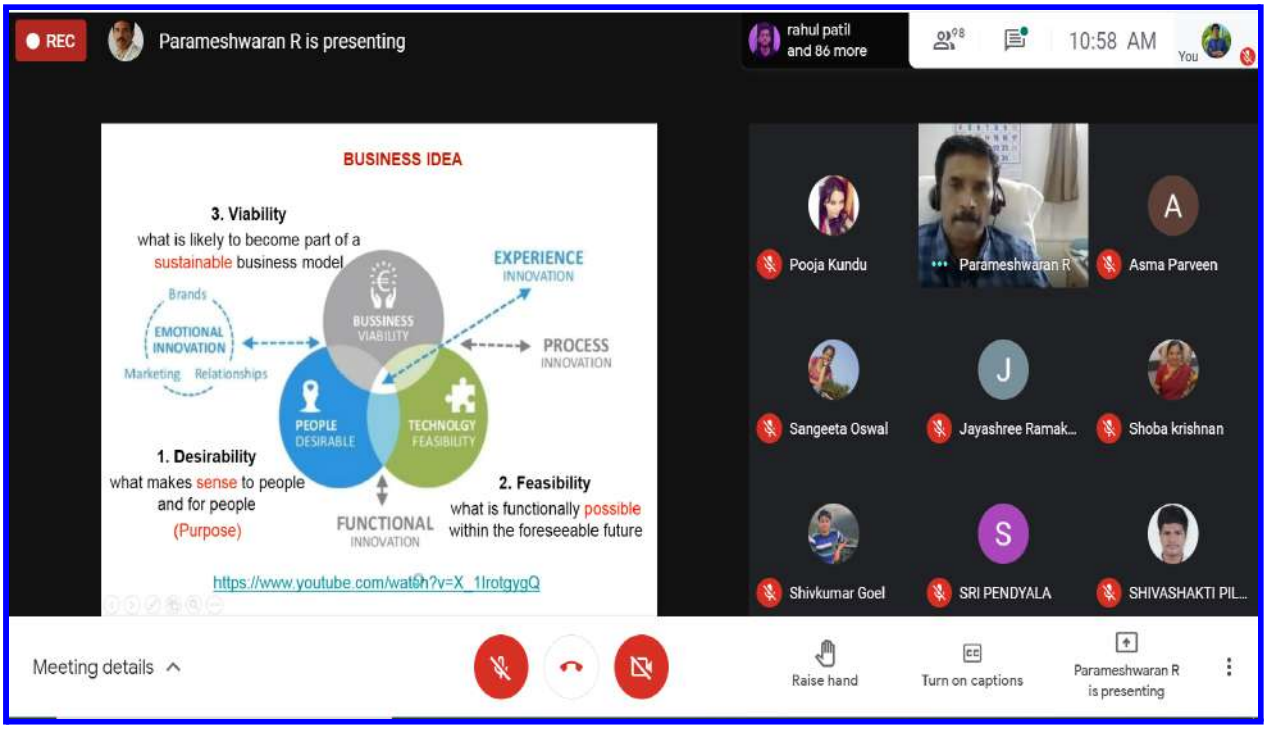
Present now


REC
Parameshwaran R is presenting
rahul patil and 86 more
10:58 AM
You
BUSINESS IDEA
3. Viability
what is likely to become part of a sustainable business model
EXPERIENCE INNOVATION
Brands
EMOTIONAL INNOVATION
Marketing
Relationships
BUSSINESS VIABILITY
PROCESS INNOVATION
PEOPLE DESIRABLE
TECHNOLOGY FEASIBILITY
1. Desirability
what makes sense to people and for people (Purpose)
2. Feasibility
what is functionally possible within the foreseeable future
FUNCTIONAL INNOVATION
https://www.youtube.com/watch?v=X_1IrotgygQ
Pooja Kundu
Parameshwaran R
Asma Parveen
Sangeeta Oswal
Jayashree Ramak...
Shoba krishnan
Shivkumar Goel
SRI PENDYALA
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Meeting details
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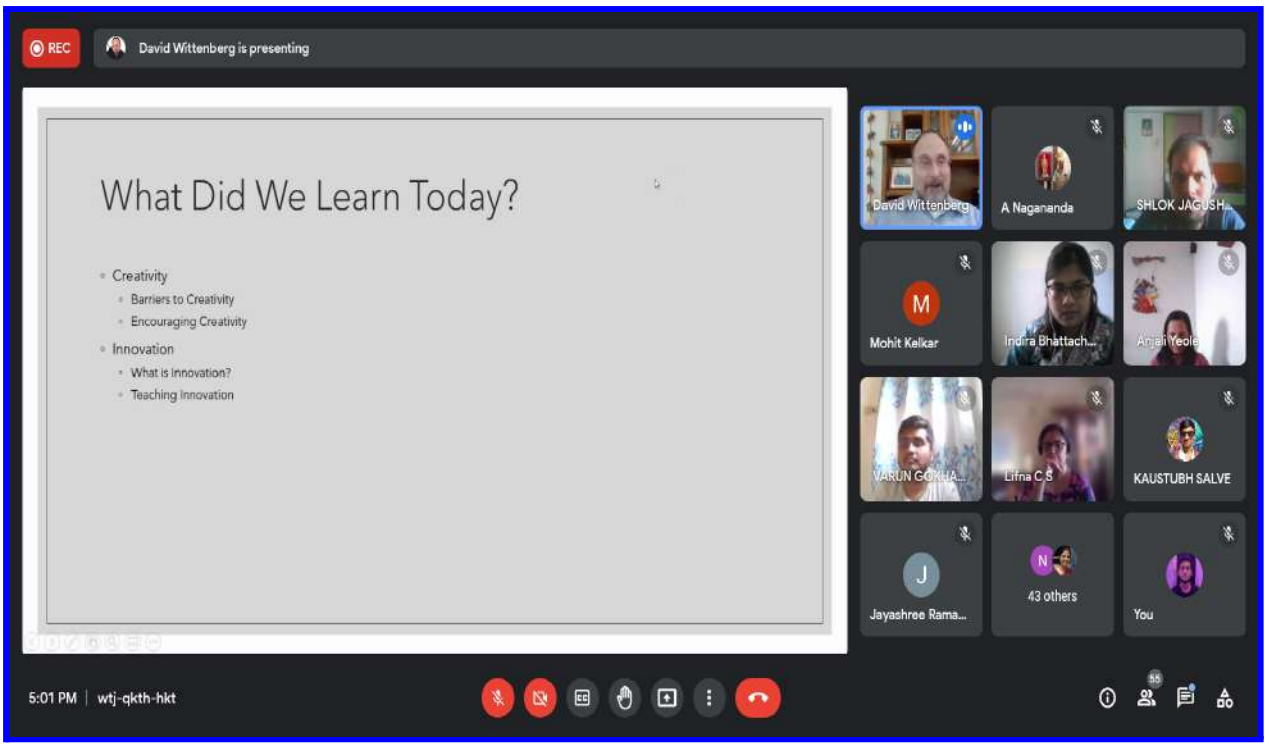
Parameshwaran R is presenting




## 4.Student Achievement

### 4.1Higher studies details for 2020-21 :

Instrumentation students who got admitted for higher studies in Indian and foreign universities include:

| Sr.No. | Name of the Student | University | Field of Specialization |
|---|---|---|---|
| 1 | Tanmay Shravage | Northeastern University Boston | MS (Data Science) |
| 2 | Shubhangi B | University of Buffalo NY | MS (Computer science & Engg) |

### 4.2 Student Participation Workshops /Seminars /Internship/Training:

| Sr. No. | Name of The Student | Class | Title of Training/Internship /Workshop | Organizing Industry/Institute Name | No.of Days |
|---|---|---|---|---|---|
| 1 | Sanskruti Jadhav | BE | Internship on Design and Detail engineering | Sierra Instrumentation and control | 15 Days |
| 3 | Rutwik Anant Pendse | BE | Design & Detail Engineering | Sierra Instrumentation & Control | 15 days |
| 4 | Thikade Sanket Sanjay | BE | Internship in R.K. Dutt Concerns | R.K. Dutt Concerns | 24 days |

| | | | | | |
|---|---|---|---|---|---|
| 5 | Mandhare sandesh hambirrao | BE | B&R automation training | B&R automation | 10 days |
| 7 | Gaonkar Abhijeet Laxman | BE | B&R Automation Workshop | VESIT | 1 Month |
| 9 | Pillai Shivashakti Raman | BE | Internship in Rk Dutt Concerns | VESIT | 24 days |
| 10 | Zhankar Aditi Amit | BE | B&R Automation Workshop | VESIT | 1 month |
| 12 | Mopkar Amogh Dattaprasad | BE | B&R Automation Workshop | VESIT | 1 month |
| 13 | Sadhu Amogh Uttam | BE | B&R Automation Workshop | VESIT | 1 month |
| 16 | Yadav Atish | BE | B&R Automation Workshop | VESIT | 1 month |
| 17 | Shetty Bhavit Bhaskar | BE | B&R Automation Workshop | VESIT | 1 month |
| 18 | Nigudkar Chinmayi | BE | B&R Automation Workshop | VESIT | 1 month |
| 21 | Patil Gaurav Kamalakar | BE | B&R Automation Workshop | VESIT | 1 month |
| 25 | Shelar Krishna Vithoba | BE | B&R Automation Workshop | VESIT | 1 month |
| 26 | Patil Manish Gajanan | BE | B&R Automation Workshop | VESIT | 1 month |
| 29 | Jaladi Omkar | BE | B&R Automation Workshop | VESIT | 1 month |
| 30 | Kadam Prachay Prakash | BE | B&R Automation Workshop | VESIT | 1 month |
| 31 | Ukarande Prajakta Arun | BE | B&R Automation Workshop | VESIT | 1 month |
| 36 | Singh Rashmi Amar | BE | B&R Automation Workshop | VESIT | 1 month |
| 37 | Singh Rashmi Chandrashekhar | BE | B&R Automation Workshop | VESIT | 1 month |
| 38 | Shaikh Rizwan | BE | B&R Automation Workshop | VESIT | 1 month |
| 39 | Bhor Rohan | BE | B&R Automation Workshop | VESIT | 1 month |
| 40 | Panchal Rohan Ratnakar | BE | B&R Automation Workshop | VESIT | 1 month |
| 41 | Mhatre Rohit Narayan | BE | B&R Automation Workshop | VESIT | 1 month |
| 43 | Pendse Rutwik Anand | BE | B&R Automation Workshop | VESIT | 1 month |
| 44 | Mandhare Sandhesh | BE | B&R Automation Workshop | VESIT | 1 month |
| 45 | Bhosale Saurav Sachit | BE | B&R Automation Workshop | VESIT | 1 month |

| | | | | | |
|---|---|---|---|---|---|
| 47 | Jadhav Simran Nitin | BE | B&R Automation Workshop | VESIT | 1 month |
| 48 | Koshti Suyash Narendra | BE | B&R Automation Workshop | VESIT | 1 month |
| 49 | Sayyed Usman Gaus | BE | B&R Automation Workshop | VESIT | 1 month |
| 50 | Shetty Vineet Bhaskar | BE | B&R Automation Workshop | VESIT | 1 month |
| 53 | Mopkar Amogh Dattaprasad | BE | Automation Studio Basics | B&R Automation | 30 days |
| 54 | Patil Manish Gajanan | BE | B&R Automation | B&R Automation | 1 month |
| 56 | PATIL GAURAV KAMALAKAR | BE | Traning at B&R Automation | B&R Automation | 1 month |
| 57 | Verma Rajnandini Rajesh Kumar | SE | Results & Market Development | Bennett, Coleman & Co. Ltd.(The Times Group) | 40 Days |
| 58 | Gurav Aaditya Dipak | TE | B&R Automation Workshop | VESIT | 1 month |
| 59 | Gurav Aaditya Dipak | TE | Internship in R.C.F, Thal-Alibag. | R.C.F, Thal-Alibag. | 15 days |
| 60 | Waghmare Ajinkya Rajendra | TE | B&R Automation Workshop | VESIT | 1 month |
| 61 | Mestry Aniruddha Vinod | TE | B&R Automation Workshop | VESIT | 1month |
| 62 | Daware Anushka Vidyanand | TE | B&R Automation Workshop | VESIT | 1 month |
| 63 | Shah Devanshi Kapil | TE | B&R Automation Workshop | VESIT | 1 month |
| 64 | Govilkar Gaurav | TE | B&R Automation Workshop | VESIT | 1 month |
| 65 | Pakhale Hrutika Mahesh | TE | B&R Automation Workshop | VESIT | 1 month |
| 66 | Sharma Ishaan Rajan | TE | B&R Automation Workshop | VESIT | 1 month |
| 67 | Khavnekar Kaustubh Vishnu | TE | B&R Automation Workshop | VESIT | 1 month |
| 68 | Nair Nidhi Vivek | TE | B&R Automation Workshop | VESIT | 1 month |
| 69 | Hirugade Omkar Satish | TE | B&R Automation Workshop | VESIT | 1 month |
| 70 | Waghmode Pratik Ramchandra | TE | B&R Automation Workshop | VESIT | 1 month |
| 71 | Dubey Priyanshu Rajesh | TE | B&R Automation Workshop | VESIT | 1 month |
| 72 | Maurya Rahul | TE | B&R Automation Workshop | VESIT | 1 month |
| 73 | Patil Rahul Sanjay | TE | B&R Automation Workshop | VESIT | 1 month |
| 74 | Vedak Rutvik Sachin | TE | B&R Automation | VESIT | 1 month |

| | | | | | |
|---|---|---|---|---|---|
| | | | Workshop | | |
| 75 | Kakade Siddhesh Satyawan | TE | B&R Automation Workshop | VESIT | 1 month |
| 76 | Deshpande Vinit Vinod Neeta | TE | B&R Automation Workshop | VESIT | 1 month |
| 77 | Hirugade Omkar Satish | TE | B&R control systems programming workshop | B&R Automation | 30 days |
| 78 | Patil Pranav Sandip | TE | R.C.F, Thal Unit (In-Plant training) | R.C.F, Thal Unit | 15 days |

### 4.3 Industry Interactions/Training

Industry proctored project under B&R Industrial Automation Pvt. Ltd.

B&R Industrial Automation Pvt. Ltd, Pune, Maharashtra offered industry collaborated training and project mentorship to final and pre-final year students. Participants were trained on various methods of PLC programming and HMI development. Program development for various applications in process control, motion control, factory automation, etc was taught to participants. Different methods of programming such as ladder, structured text, block diagram, etc were covered in detail. B&R Automation Studio 4.7 is used for program development and simulation. Automation Studio software supports OPC UA (Open Platform Communications - Unified Architecture). Several simulations were also demonstrated in iPhysics and ACOPOStrack.

Broad areas of training and project mentorship:

1. Machine Centric Robotics (MCR) + OPC-UA

   In machine centric robotics the participants are taught to control a certain process using Map- Robotics and HMI screen developed for the robot. The main objective of this project is to learn about the sensors, actuators used in robots, controlling a robot, learning about industrial automation, building HMI screen, understanding and communicating the standard industrial communication protocol OPC-UA.

2. Digital Twin + OPC-UA

   A Digital twin can be used to simulate the physical behavior of any system in real time before any part of the real system has been constructed. A digital twin is a detailed, dynamic representation of a real machine. Three-dimensional CAD data is used to create a digital model. Not only does this simplify and accelerate hardware and software development, it also makes it possible to perform virtual commissioning of the track. Simulating the physical behavior of a machine in real time makes it possible to identify bottlenecks and potential for optimization very early in development. A digital twin dramatically accelerates the process of developing and optimizing a machine design. Before ever setting up an actual robot, developers can check their design's performance on key metrics like picks per minute.

List of projects assigned/demonstrated to students:

1. Digital twin:
    a. Box Lift
    b. CrossCutter+OPC-UA
    c. CrossCutter RegMark+OPC-UA
    d. DrillingMachine+OPC-UA
    e. FlyingSaw+OPC-UA
    f. Labeler+OPC-UA
2. Robotics:
    a. Delta+OPC-UA
    b. Scara+OPC-UA

Schedule/time line of events:

| Sr No | Description | Date |
|---|---|---|
| 1. | Announcement of training and opening of registration | 18th Aug, 2021 |
| 2. | Online training | 13th Sep to 23rd Sep, 2021. From 11 AM to 4 PM |
| 3. | Assignment evaluation and grading | 24th Sep, 2021 |
| 4. | OAC 21 announcement and opening of registration | 4th Oct, 2021 |
| 5. | OAC 21 final competition & results | 26th & 27th Oct, 2021 |

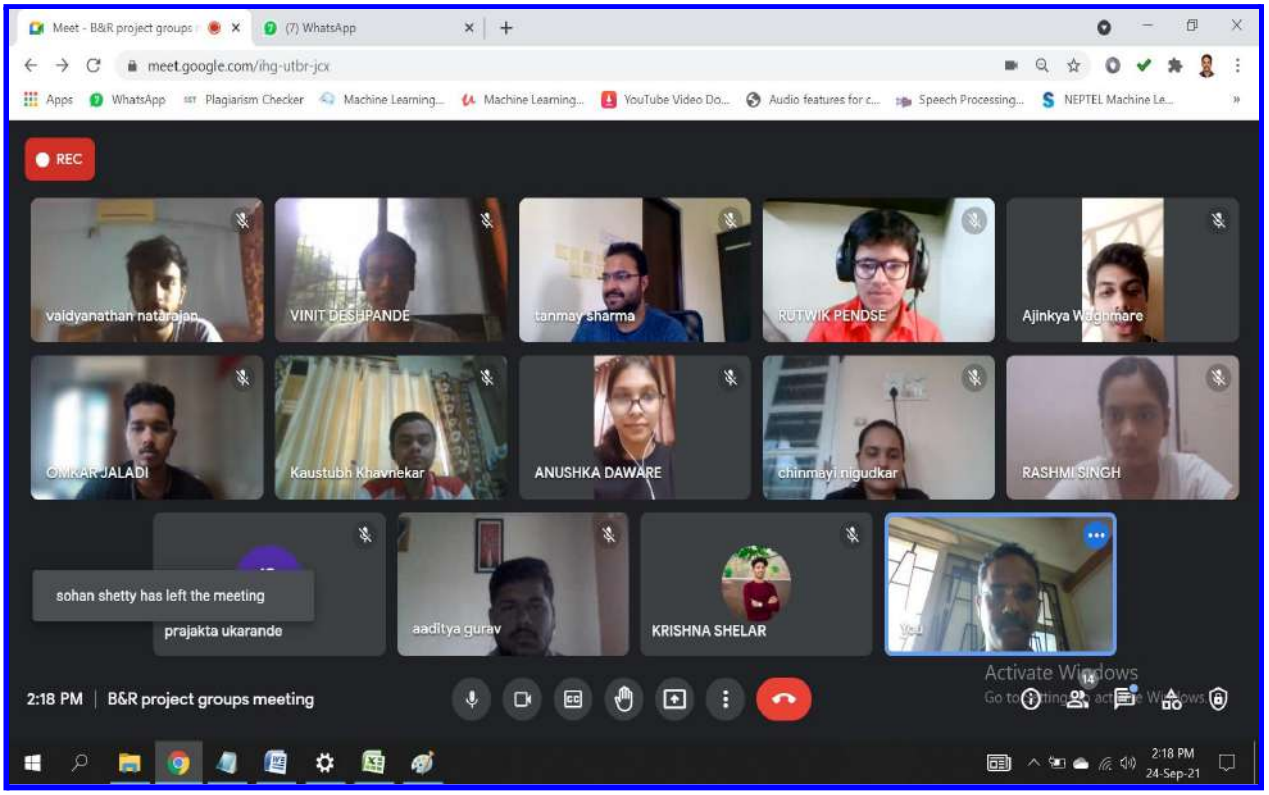
Course certificate

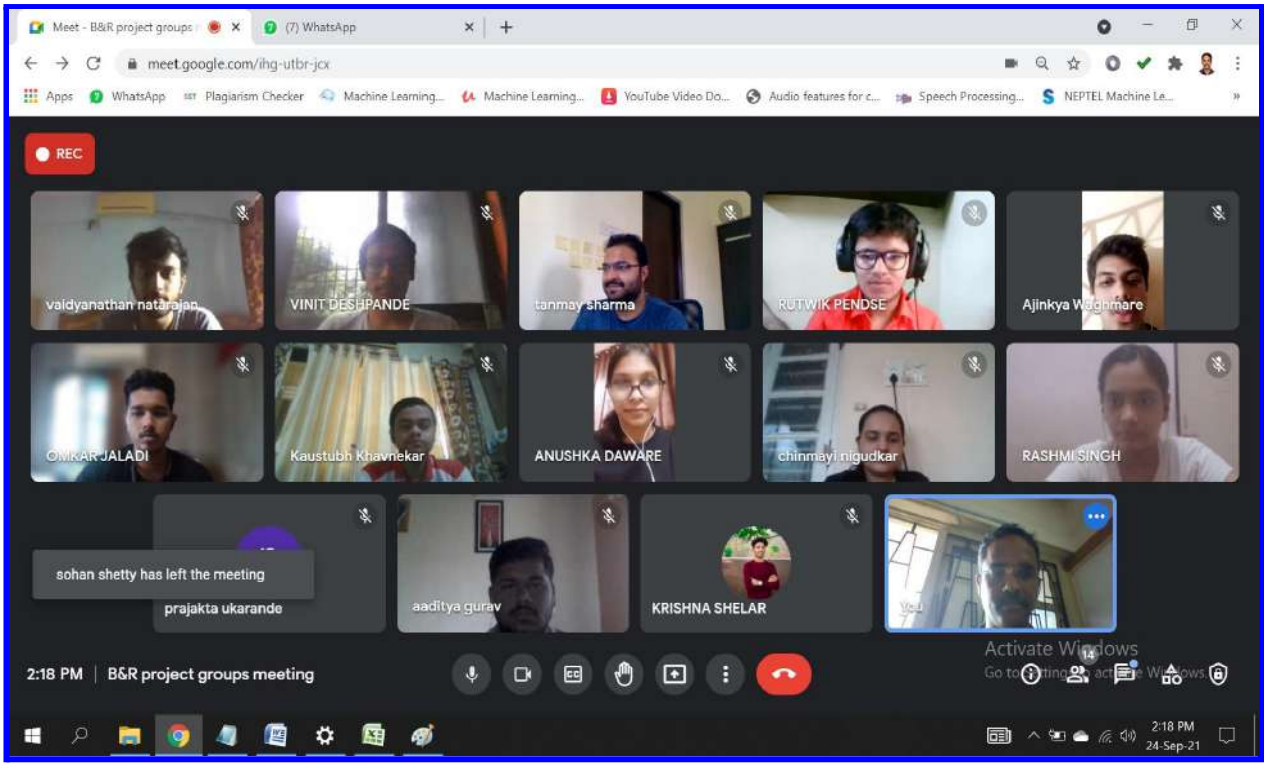
Course certificate is for 30 days training. According to Tanmay Sharma the certificate has included advance training days and topics. Dates on certificate: 13/09/2021 to 22/10/2021.

Activity was corroborated as listed below:

1. Two weeks training conducted from 13/09/2021 to 24/09/2021, 11 am to 4 pm.
2. Total 47 students participated in the event. Final year (BE batch) – 23, pre-final year (TE batch) – 24. 5 faculties participated in the event.
3. Students are distributed into five groups. One faculty advisor allotted to each group.
4. Group consisted of 3 to 5 students from final year (BE batch) and 4 to 7 students from pre-final year (TE batch).
5. Two weeks training on PLC & HMI programming was conducted. Programming conducted using B&R Automation Studio 4 development and runtime environment.
6. Training was conducted online using Microsoft Teams.
7. Mentoring and all activities are provided free of cost. No charges or fees to be paid by students or institute for training, software license, etc.
8. Certificates will be awarded to students for training and project implementation. Certificate/appreciation letter would also be provided to faculty mentors from college.
9. Three assignments were assigned to students. Checking and discussion on assignments were conducted on 24th Oct 2021. Grades assigned to individual students. Session was conducted jointly by VESIT faculty and Mr. Tanmay Sharma from B&R.

10. Students motivated to participate in OpenAutomation Challenge 2021 (OAC 2021). Two teams submitted their proposal to OAC 2021. Only one team was shortlisted for the competition.
11. Team members of the shortlisted team were awarded participation certificates.

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VINIT DESHPANDE
tanmay sharma
RUTWIK PENDSE
Ajinkya Waghmare
OMKAR JALADI
Kaustubh Khavnekar
ANUSHKA DAWARE
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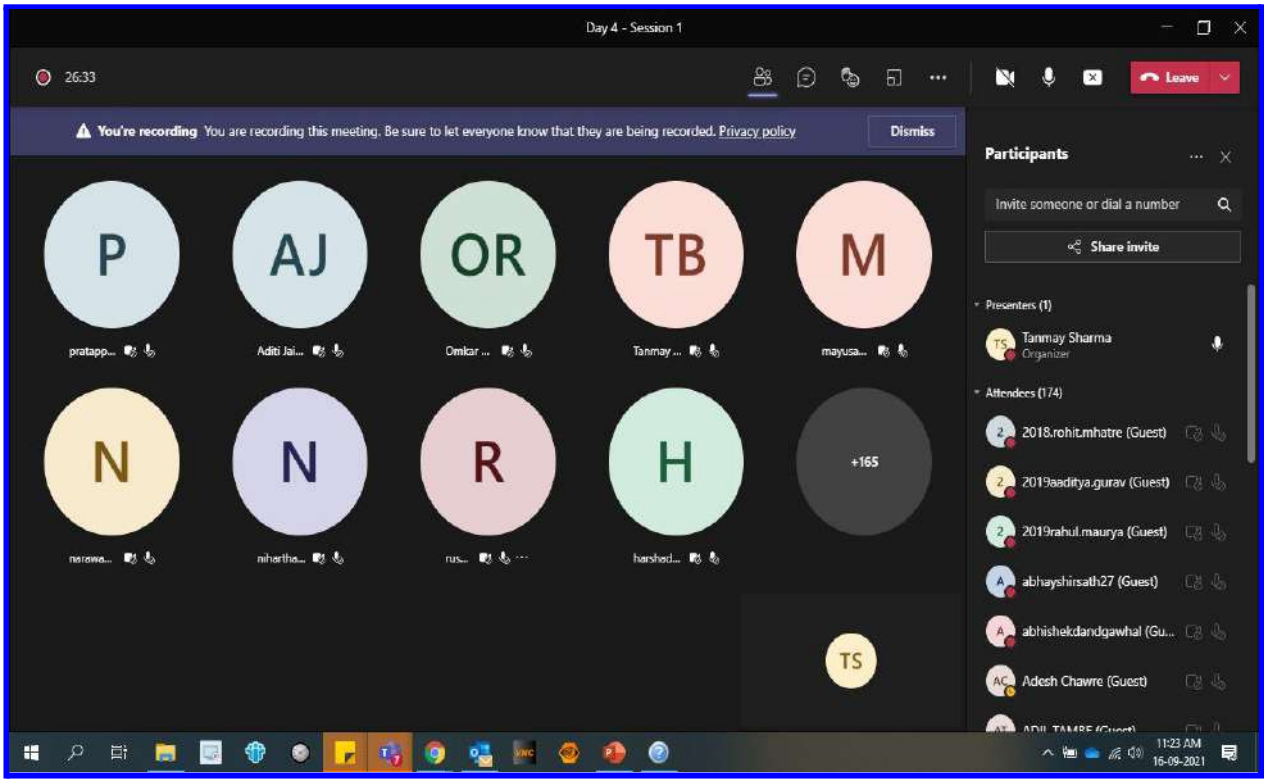
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Tanmay Sharma
Organizer
Attendees (174)
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2019aaditya.gurav (Guest)
2019rahul.maurya (Guest)
abhayshirsath27 (Guest)
abhishekdandgawhal (Gu...
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### 4.4 Student Achievements/Award :

Two final year Instrumentation project groups had participated in the National level project competition called **"openAutomation Challenge 2021"** organised by B&R Industrial Automation. The challenge is dedicated to the emerging student community interested in developing innovative ideas focusing on automation, IoT, data and cloud based solutions.

**openAutomation Challenge 2021** is an online event for students to develop use cases using open source technology OPC UA and automation solutions from B&R. Teams demonstrating innovative ideas will get a chance to win exciting prizes. Among the two groups which had participated, the details of which are given below, one group reached the final stage of the competition.

| Sr. No. | Name of the Industry | Title of Project | Name of Students | Resource Person | Project Mentor |
|---|---|---|---|---|---|
| 1 | B&R Industrial Automation Pvt. Ltd. | PLC based AGRIVOLTICS | 1.Rohan Panchal<br>2.Gaurav Patil<br>3.Amogh Mopkar<br>4.Ashish Adhikari | Tanmay Sharma (Engineer, Business Development Education Network) | B&R Industrial Automation Pvt. Ltd. |
| 2 | B&R Industrial Automation Pvt. Ltd. | AUTOMATED EV PARKING | 1.Rutwik Anant Pendse<br>2.Manish Patil<br>3.Prachay Kadam<br>4.SandeshMandhare | Tanmay Sharma (Engineer, Business Development Education Network) | B&R Industrial Automation Pvt. Ltd. |

## 5.Skill Development Activities

1) A series of 3 BMI special lectures / Skill Enhancement Lectures (SEL) were conducted for final year students under the Biomedical Instrumentation course. The first SEL was on "'Signal analysis and design of EMG signal conditioning circuit'" and was delivered by Ms. Monica, (PhD scholar, IIT-B) on 28th August 2021.
2) Second Skill Enhancement Lecture (SEL) was on "'Signal analysis and design of EMG signal conditioning circuit'" and was delivered by Ms. Monica, (PhD scholar, IIT-B) on 04th October 2021 for the final year students.
3) Third Skill Enhancement Lecture (SEL) was on "''Brain-computer interface (BCI) application of EMG/EEG signals" and was delivered by Ms. Monica, (PhD scholar, IIT-B) on 09th October 2021 for the final year students.
4) Skill Enhancement Lecture (SEL) on "''Digitalization in Pharmaceutical Industry " was delivered by Mr. Lalit Bangera, Digital Transformation consultant-Process Industries, Siemens Pte Ltd, Singapore on 25th Sept, 2021 for the final year students.

### 5.1Finishing school Training

1) Finishing school was conducted for students moving from third year to final year during summer from 12th July-24th July for 12 Days by faculty of the department & other Expert Persons

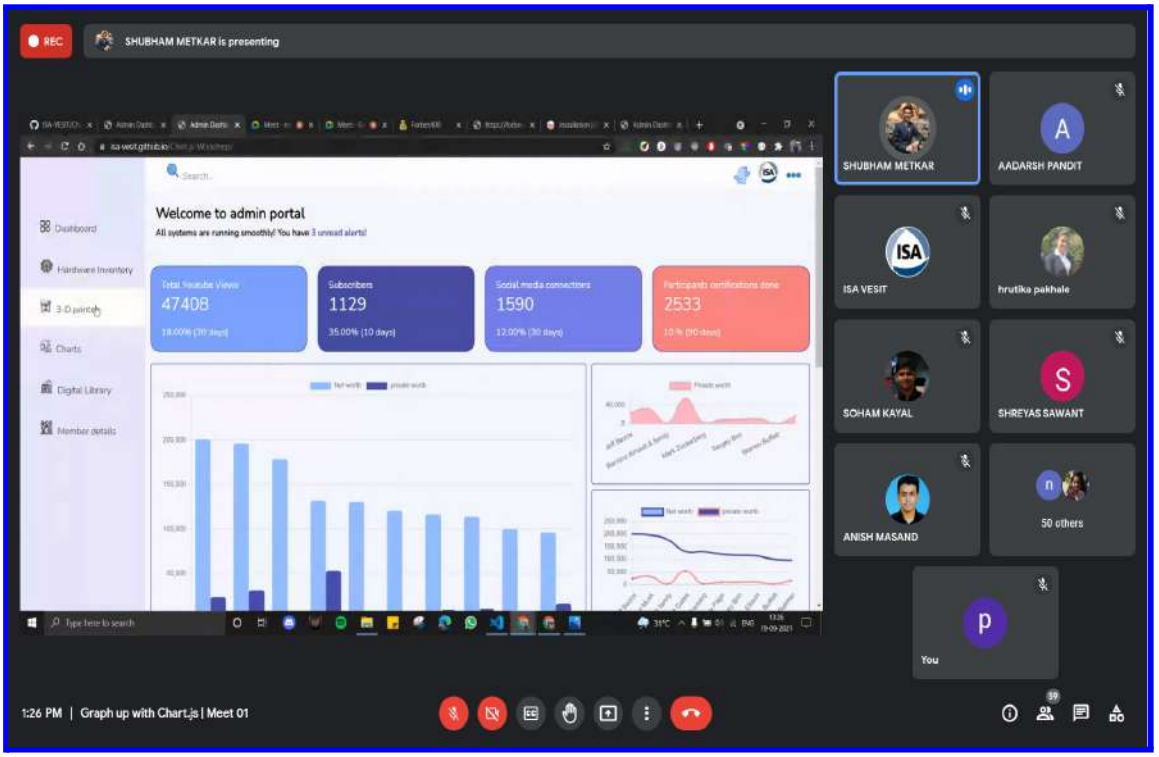
## 6.Professional Society Activities (ISA)

### ISA Activity (Students Platform)

ISA-VESIT took a huge leap this year on the path to give the service of a Technical Society in the true sense. Set out to achieve technical prowess, it has surely come a long way.ISA-VESIT has now become a more technical oriented society and aims at imparting technical skills to its members in tandem with recreational events and skill enhancing workshops. The various activities conducted under ISA are:

## 6.1Graph up with Chart.js Workshop

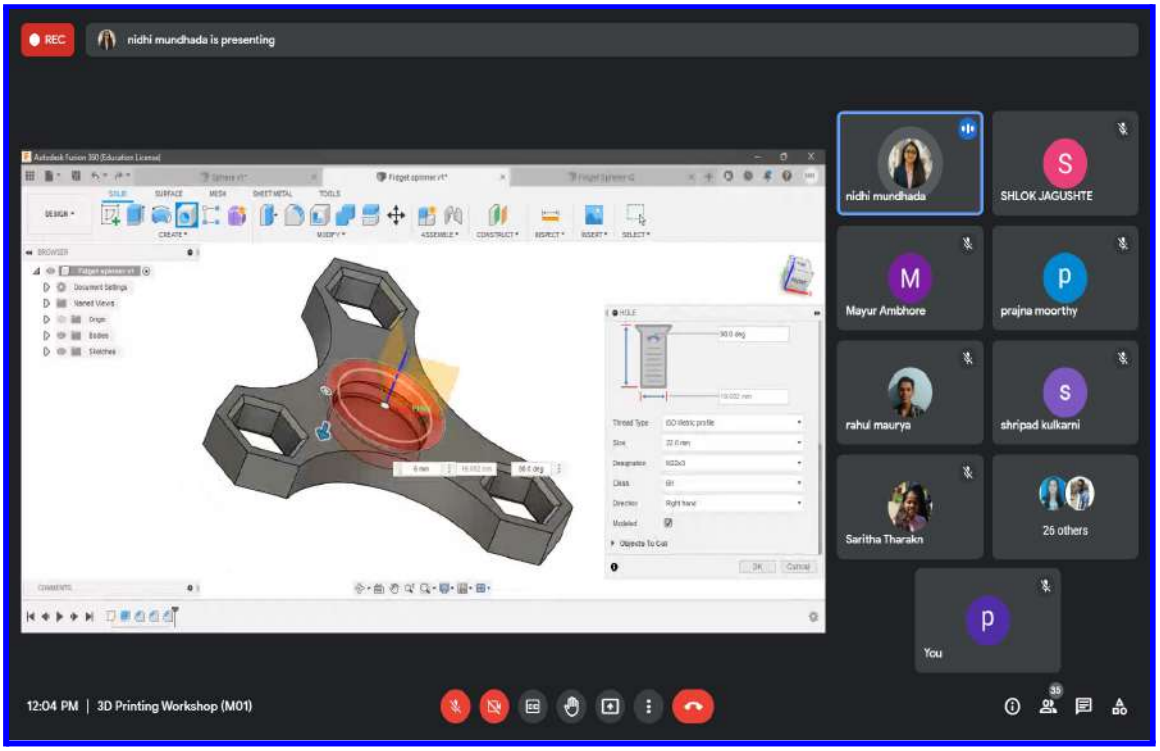
To help the students visualize data using interactive charts on the web, ISA-VESIT conducted a Graph up with Chart.js workshop on the 19th of September, 2021. This workshop was conducted by Mr. Omkar Mangalpalli and Mr. Shubham Metkar. The first session commenced with an explanation of the functioning and development of websites and the importance of data visualization. Before moving to hands-on programming, a short quiz was played with the participants which tested how well the participants had grasped the concepts taught to them. The interactive programming session kick-started with the participants being familiarized with the basics of HTML for displaying the visual elements of a web page, CSS for making it visually appealing, and JavaScript for adding interactive client-side functionality. The first part of the session concluded with the participants being shown different types of charts created using Chart.js. The participants were taught to design an admin dashboard in the second session. They were given a detailed description of each and every Chart.js function to make a visually appealing admin panel. The didactic session was then topped off by putting forward a 'Dashboard Making Competition' for ensuring that the participants successfully inculcated the skills learned upon attending the workshop.




## 6.2 3D Printing Workshop

ISA-VESIT successfully conducted its 3D Printing workshop on the 3rd of October, 2021. It was conducted by Ms. Nidhi Mundhada and Ms. Esha

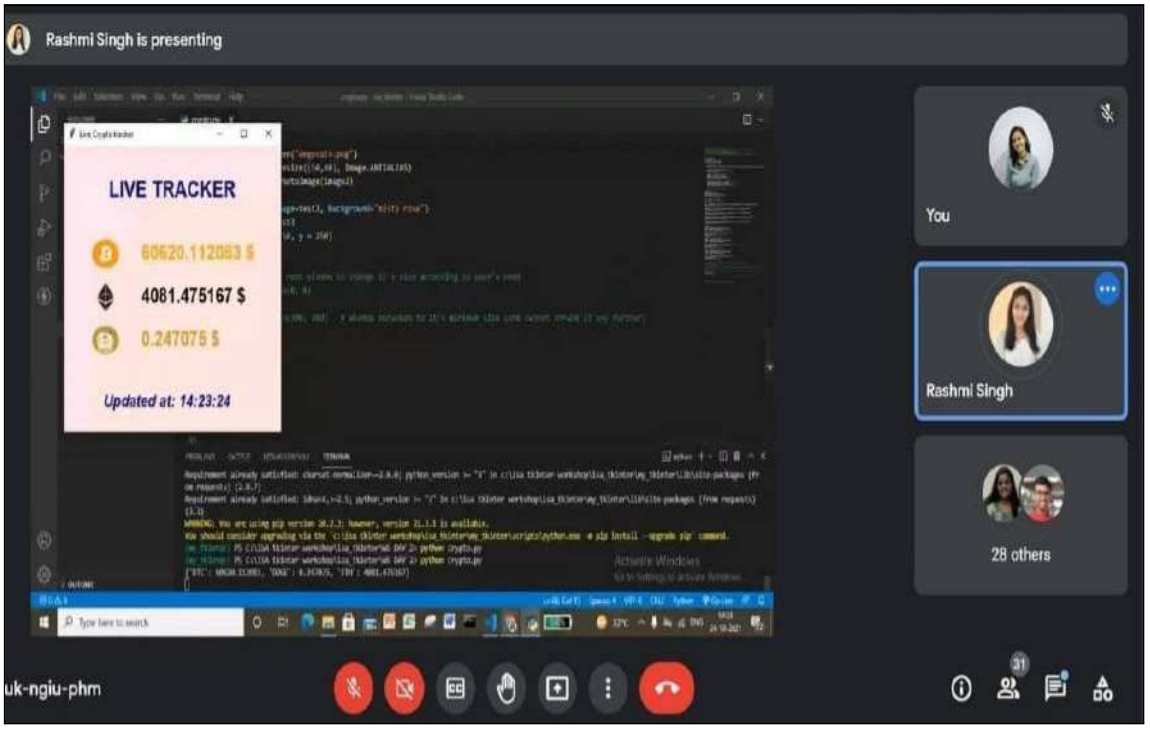
Kadam. The first session commenced with an interactive quiz for the participants followed by a brief introduction about 3D printing. The participants were then given a brief tour of Fusion 360, a software used to create the 3D models. Towards the end of the first session, a 3D model of a fidget spinner was created on the software. In the second session, participants were taught advanced designing. The project that the participants worked on during this session was designing a mug from scratch and embossing a logo on it. After this, the session continued with the participants being taught how to use FlashPrint software for using ISA-VESIT's very own 3D Printer - 'Flashforge Adventurer 3' to get their designs printed. They were shown a video recorded by the council that explained the working of the 3D printer. The workshop concluded with the announcement of the '3D Design Competition' for the participants to create their own designs and have them printed on ISA-VESIT's 3D printer.




## 6.3 Desktop Applications using Tkinter Workshop

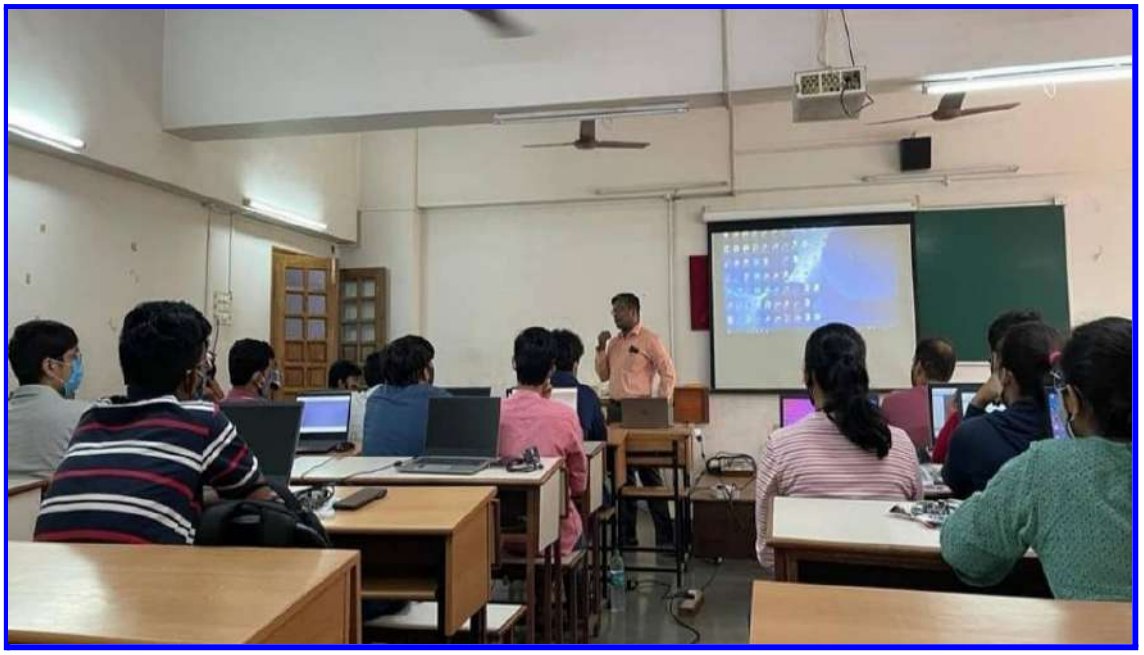
To acquaint the students with GUIs and desktop applications, ISA-VESIT conducted Desktop Applications using Tkinter workshop on the 23rd and 24th of October, 2021. This workshop was conducted by Ms. Hrutika Pakhale, Ms. Rashmi Singh, and Ms. Asmita Bhangare. The first day of the workshop commenced with the basics of Python programming followed by a quiz on the concepts of Python. Basics of Tkinter, databases, and their management using SQL were taught. At the end of the first day, attendees were given a task to create a GUI for a login and registration page. The second day

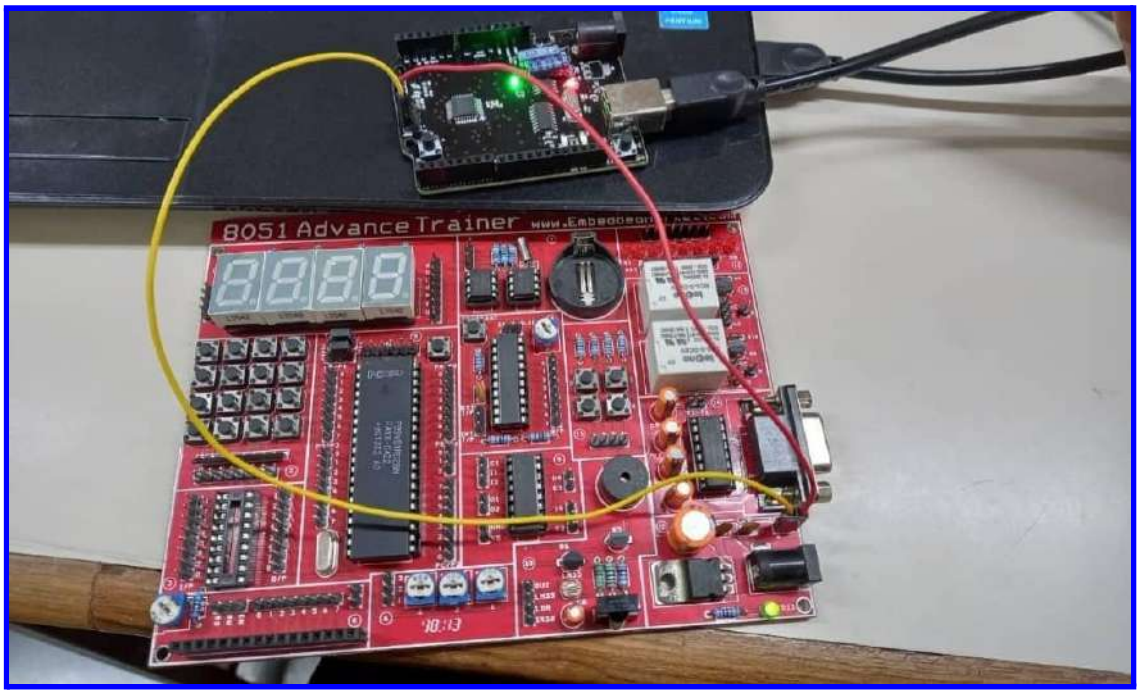
commenced with creating a project of login and registration authorization. Further, the participants were also taught to connect a database to the application and make a verification page. A live cryptocurrency tracker was built and the participants were familiarized with APIs.




### 6.4 Embedded Systems Workshop

ISA-VESIT conducted its first offline workshop on Embedded Systems after the longest break on the 27th and 28th of December, 2021 followed by an internship opportunity to make the members familiar with microcontrollers and implement embedded systems in their projects. The first day of the workshop covered the fundamentals of the 8051 microcontroller board. MS51, which is an enhanced version of 8051, was utilized and its numerous features and functions such as push-pull mode, input mode, and masking were discussed. At the end of the first day, participants got acquainted with timers, counters, and printing on the Termite terminal. The second day began with understanding the concept of serial communication followed by an overview of ADCs and interfacing boards. Finally, the participants were given an opportunity to work on some basic projects like blinking LED, blinking patterns of LEDs, buzzers, relays, and temperature measurement using LM35.



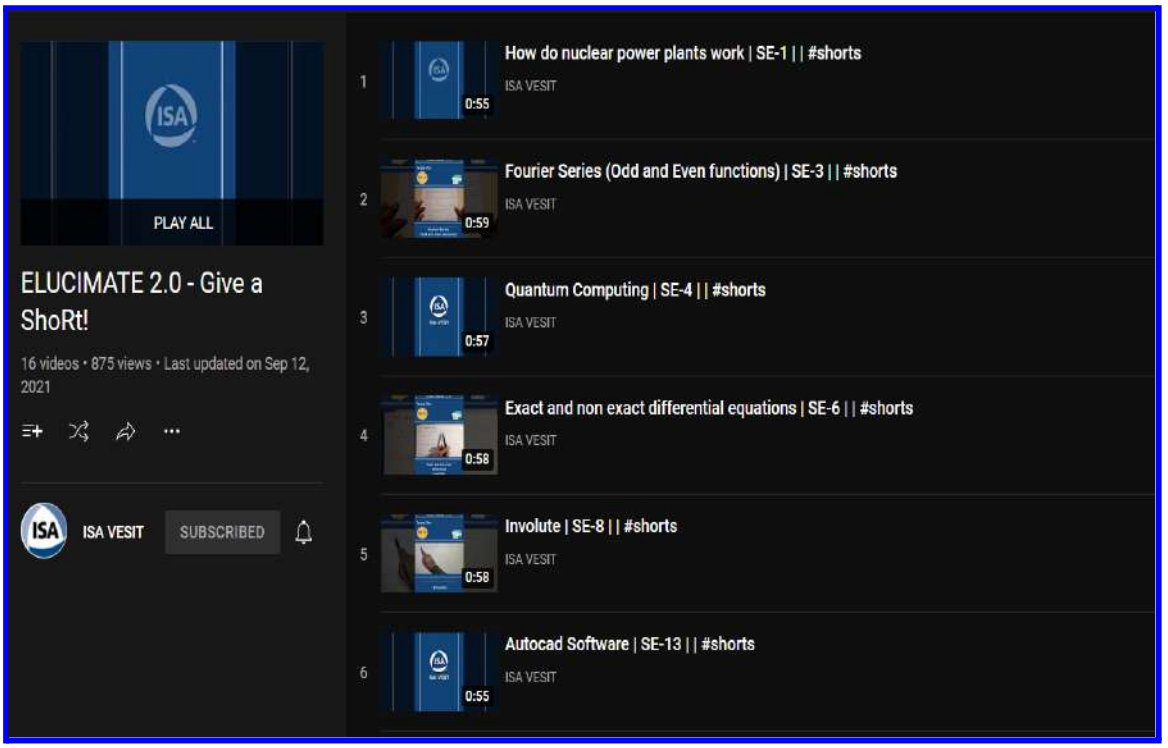



## 7.ISA Non Technical Events

### 7.1 EluciMate 2.0

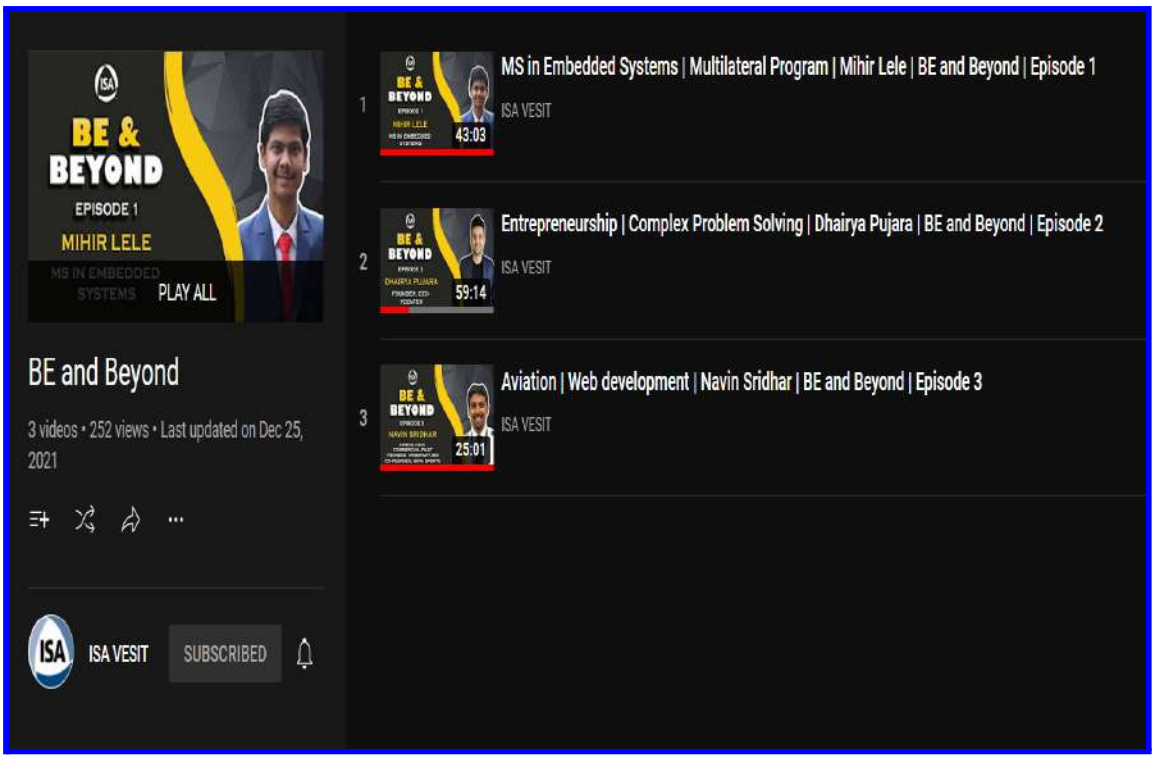
EluciMate 2.0 was successfully conducted from 17th August to 22nd September 2021. This video-making competition was conducted in two rounds. The first round was 'Give a ShoRT' in which participants were given a span of 5 days to create a short video of 60 seconds introducing their technical topic which showcased their creativity and teaching skills. 8 teams

from second year and third year each out of 36 teams that participated, qualified in the next round and their videos were also published as YouTube shorts on ISA-VESIT's official YouTube channel. The next round was 'Chase to the Cut', where the participants were supposed to create a video explaining their topic in detail. These videos were also published on YouTube and were judged on the basis of the likes and marks given by the judges, the criteria being innovation, communication, presentation, and knowledge of the topic. The judging panel consisted of Mrs. Himali Patel from the EXTC department, Dr. Rajani Mangala from the ETRX department, and Mr. N. Gopalkrishnan from the Instrumentation department. After the evaluation, Rajnandini Verma (D8) secured 1st place and Suleman Mathekar (D10A) and Gaurang Desai (D10A) secured 2nd place in SEs. Priyanka Moopnar (D14A) and Isha Chavan (D14A) secured 1st place and Sakshi Gupta (D14B) secured 2nd place in TEs. The time and dedication of judges made it possible for us to reward students for their creative efforts.




### 7.2 BE and Beyond

BE and Beyond is a talk series which takes us through the journeys of alpha geeks from around the world wherein they share with us their experiences and expertise in top-tier fields of technology and science. It was launched on ISA-VESIT's YouTube channel on 10th October, 2021. Three episodes of 'BE and Beyond' have been aired till date featuring VESIT's prominent alumni Mr. Mihir Lele, Mr. Dhairya Pujara, and Mr. Navin Sridhar.


BE &
BEYOND
EPISODE 1
MIHIR LELE
MS IN EMBEDDED SYSTEMS
PLAY ALL
BE and Beyond
3 videos • 252 views • Last updated on Dec 25, 2021
ISA VESIT
SUBSCRIBED
1
MS in Embedded Systems | Multilateral Program | Mihir Lele | BE and Beyond | Episode 1
ISA VESIT
43:03
2
Entrepreneurship | Complex Problem Solving | Dhairya Pujara | BE and Beyond | Episode 2
ISA VESIT
59:14
3
Aviation | Web development | Navin Sridhar | BE and Beyond | Episode 3
ISA VESIT
25:01

BE AND BEYOND
CREATING
HUMAN-CENTERED
SOLUTIONS
/ISA-VESIT
1:32 / 59:13 • Role of VESIT in shaping Dhairya's career

## 8.Extra-curricular activities

Details of participation of Instrumentation students in various Intra College Competitions are given in the table below:

| Sr. No. | Name of The Student | Class | Description of Event | Organized By | Venue | No.of Days | Awards or Achievement | Level |
|---|---|---|---|---|---|---|---|---|
| 1 | CHAVAN VEDANG NITIN | SE | Graph up with Chart.js Workshop | ISA-VESIT | VESIT | 2 days | Participation | College |
| 2 | Koyande Anvita Abhay | FE | Musical Misfit | Music Council | VESIT | 2 days | Council Member | Class Music incharge |
| 3 | Verma Rajnandini Rajesh Kumar | SE | ELUCIMATE 2.0 | ISA-VESIT | VESIT | 2 Days | First prize | College |
| 4 | Kumbhare Raunik Laxman | SE | Elucimate 2.0 | ISA-VESIT | VESIT | 2 weeks | Participation | College |
| 5 | Mhadgut Sanchit Navneet | SE | Elucimate 2.0 | ISA-VESIT | Vesit | 2 Week | Participation | College |
| 6 | CHAVAN VEDANG NITIN | SE | Desktop Applications using Tkinter Workshop. | ISA-VESIT | VESIT | 2 days | Participation | College |
| 7 | Tanaya Gaikar | SE | Online Quiz on Late Shri Hashu Advani's Birth Anniversary | SoRT VESIT | VESIT | 1hour | Participation | College |
| 8 | Gaikar Tanaya | SE | E-Quiz n VACHAN PRERNA DIVAS | Department of Library | VESIT | 1 hour | Participation | College |
| 9 | Gaikar Tanaya | SE | E-Quiz on Samvidhan Divas | Department of Library | VESIT | 1 day | Participation | College |

**VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

# Departmental Report

**(1st November 2022 to 30th April 2023)**

## INDEX


| Sr. No. | Contents |
|---|---|
| 1 | Action plan & Action taken report |
| | **Faculty Contribution** |
| 1 | Orientation Program conducted by Faculty |
| 2 | Orientation Program attended by Faculty |
| 3 | Workshops/Courses conducted by Faculty |
| 4 | Workshops/Courses attended by Faculty |
| 5 | NPTEL certification courses |
| 6 | National Initiative for Technical Teachers Training (NITTTR) courses attended by faculty |
| 7 | Project Exhibition |
| 8 | Research Paper Publications |
| 9 | Research Forum - Experts talk |
| 10 | Patent Publication |
| 11 | Faculty Interaction with outside world |
| | **Student Achievements** |
| 1 | Academic Excellence |
| 2 | Placement Statistics |
| 4 | Competitive Exams |
| 5 | Scholarship |
| 6 | Industrial Projects |
| 7 | Industrial Visits |
| 8 | Workshops/Seminars attended by students |
| 9 | Internship attended by students |
| 10 | Student Paper Publications |
| | Project Competitions |
| 11 | Participation in co-curricular activities<br>1. Inter-college<br>2. Intra-college |
| 12 | Participation in extracurricular activities<br>1. Sports events<br>2. Cultural, Music & Literature events |
| 13 | Tinkerer's lab activities |

## Action plan & Action taken report

| S. No. | Concern | Action plan | Action Taken |
|---|---|---|---|
| 1. | Academic Planning | Preparing departmental academic calendar for the even semester | 1. Departmental academic calendar is prepared and shared with all the faculty members. EXTC Academic Calendar _Even sem_22-23<br>2. From Even semester of AY:2022-23, department has prepared project calendar foEXTC Deptt_Even sem_22-23_Calenderr SE, TE & BE project weekly logbook, review and assessment EXTC Project Calendar_even sem 22-23 |
| 2. | Academic results | 1. Remedial lectures for the subjects having less passing percentage.<br>2. Identification of slow learners & extra activities for them to improve results. | 1. For Electronic Devices & Digital Circuit Design subject remedial lectures were arranged. Remedial Schedule_EXTC_even sem_22-23<br>2. Many faculty identified slow learners in their subject & tasks were assigned to them with study material. Sample Report_Slow lerner_D14B_Skill Lab |
| 3. | Departmental activity publicity & documentation | 1. All the activities conducted by the department should be posted on college | 1. Department posts all activities on college website & social media platforms |

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|---|---|---|---|
| | | website & on social media platforms for publicity.<br>2. Reports of all the activities conducted should be prepared in standard format and should be submitted to the Head of the department. | like Twitter, Facebook, Instagram & YouTube.<br>2. A standard report format is given to all faculty members to be submitted to the Head of the department & Data bank of the EXTC department. |
| 4. | Research promotion activities | To conduct expert talks under research forum | Research forum organized a session on "Design and Implementation of Chaos-based Image Encryption and its Cryptanalysis" by Dr. Rasika Naik |
| 5. | Research Publications | Increase the number and quality of research papers by arranging workshops. | 1. Workshop on "Latex" by Dr. C. S. Rawat.<br>2. Workshops on "How to write technical papers" by Dr. M. D. Patil |
| 6. | Project Innovations, Industry Projects | 1. To get projects from industry.<br>2. To improve the quality of projects by arranging project competitions and taking the feedback from EXTC alumni working in the industry. | 1. Department has got three FPGA based project from Tata Institute of Fundamental Research (TIFR)<br>2. Department has called EXTC alumni for the review of SE & TE mini projects and their feedback was taken to improve the quality of projects. |
| 7. | Project Competition | 1. To organize project competitions for the students.<br>2. To encourage students to | 1. Department has organized two project competitions IDEAthon 2023 & Avinya 2023 on Technology day for the students. |

| | | | |
|---|---|---|---|
| | | participate in project competitions organized by other institutes. | 2. Mentor encouraged students to participate in project competitions as a result EXTC students participated & won prizes in National level project competition at SPIT, CIIA Project exhibition & LBS-I2I Project competition-2023. |
| 8. | Major/Minor Research Grant Proposals / Patent | Department faculty should file patents & apply for the research grants. | Mrs. Manisha Joshi has filed two patents for "A function generator embedded with ANN" & "Power-low type activation function for computing system" |
| 9. | Industrial Visits / Industry interaction | To arrange industrial visits for SE, TE & BE students. | 1. One day industrial visit to Tata Communications Ltd, Dighi, Pune for BE & TE students on 03/02/2023<br>2. One day industrial visit to Tarapur Atomic Power Station, Tarapur for SE students on 24/02/2023 |
| 10. | Student Internship | To have industry-like experience & to Develop Better Professional Skills, the department should encourage students for industry internship during their semester breaks. | Department provides request letters & bonafide certificates to students for industry internship during semester break.. |
| 11. | Certification Courses | 1. To organize certification courses in association with the industry. | 1. Department has organized an Online certification course on "Hands-on Cyber Security |

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|---|---|---|---|
| | | 2. To complete NPTEL certification course (Faculty & Students)<br><br>3. NITTTR certification by faculty | Essentials" in association with TeleNetworks Communication Pvt. Ltd.<br><br>2. Dr. Rasika Naik completed NPTEL certification course on "NBA Accreditation and Teaching and learning in Engineering (NATE)"<br><br>3. Mrs. Neeta Chavan completed module -7 (Creative Problem Solving , Innovation and Meaningful R & D" of NITTTR certification |
| 12. | Placement activities /Competitive Exams/ Higher Studies/Entrepreneurship Initiatives | To make students industry ready by arranging various activities under GRIN:Get Ready For Industry by EXTC placement team. | Placement cell of department conducted various activities like online aptitude quiz, session on employability, eligibility, resume writing, skill set analysis, etc |
| 13. | Orientation Programs | Conducting & participating in orientation programs for new subjects added to the curriculum on behalf of University of Mumbai. | 1. Mr. Gaurav Tawde conducted an orientation program for the subject "Satellite & Nano Satellite Communication (ECCDLO8022)BE-EXTC/Semester VIII"<br><br>2. Four faculty members attended orientation programs for semester VIII subjects. |
| 14. | Workshops/Short Term Training | To conduct STTP, FDP & workshops for faculty training | All faculty members have attended FDP/STTP/Workshop. |

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| | Programs/Faculty Development Programs for faculties | to update them in the field of technical education to introspect and learn techniques that can help prepare students for active and successful participants in a knowledge society. | |
| 15. | Participation in Workshops/Short Term Training Programs by the students | To teach students hands-on skills, the department should conduct & encourage students to take part in Workshops/ STTP. | Department's Tinkerer's lab conducted STTP on "Trends in FPGA Design & Prototyping with VERILOG " for TE students. |
| 16. | Alumni Interaction | To involve alumni for Placements, Industry engagements, Syllabus Reviews & Feedback | Alumni were invited for Mini project reviews, Convocation and are actively involved in the Department Advisory Board (DAB). |
| 17. | Students participation in co-curricular & extracurricular activities | To bring social & intellectual skills, moral, cultural & ethical values, personality development, and character advancement in students, the department should encourage students to take part in various activities organized by professional committees & VESIT council. | 1. Students actively participated in the technical fest "Praxis" organized by VESIT.<br>2. In Cultural fest "Utsav" & "Illusion", Sports events "Indoor & Outdoor Sphurti", EXTC students showed their remarkable presence. |

## Detailed Report

Various activities conducted in the Department of Electronics & Telecommunication, from 1st November 2022 to 30th April 2023 have been categorized as mentioned below.

## Faculty Contribution

### 1. Orientation Programs conducted by Faculty

| Sr. No | Faculty Name | Conducted By | Course description | Organized by | Date |
|---|---|---|---|---|---|
| 1 | Dr.Saylee Gharge | Department of EXTC | Satellite & Nano Satellite Communication (ECCDLO8022) BE-EXTC/Semester VIII | V.E.S. Institute of Technology, Chembur | 6/2/2023 |
| 2 | Mr. Gaurav Tawde | Department of EXTC | Satellite & Nano Satellite Communication (ECCDLO8022)BE-EXTC/Semester VIII | V.E.S. Institute of Technology, Chembur | 6/2/ 2023 |

### 2. Orientation Programs attended by Faculty

| Sr. No | Name of Faculty | Conducted By | Course description | Organized by | Date |
|---|---|---|---|---|---|
| 1 | Dr. Rasika B. Naik | Vidyavardhini's College of Engineering and Technology, Vasai Road | Wireless Network | Vidyavardhini's College of Engineering and Technology, Vasai Road | 23rd Jan 2023 |
| **2** | Dr. Ranjan Bala Jain | Terna Engineering College,Nerul, Bharati Vidyapeeth College of Engineering,Khargha | Optical Communication & Networks | Terna Engineering College,Nerul, Bharati Vidyapeeth College of Engineering, Kharghar and | 14th Jan 2023 |

| | | | | | |
|---|---|---|---|---|---|
| | | r and Saraswati College of Engineering, Kharghar | | Saraswati College of Engineering, Kharghar | |
| 3 | Dr. Nandini Ammanagi | SIES Graduate School of Technology, Nerul ,Navi Mumba | Internet Communication Engineering | SIES Graduate School of Technology, Nerul ,Navi Mumba | 15th July 2022 |
| 4 | Mr. Gaurav Tawde | Terna Engineering College,Nerul, Bharati Vidyapeeth College of Engineering, Kharghar and Saraswati College of Engineering, Kharghar | Optical Communication & Networks | Terna Engineering College,Nerul, Bharati Vidyapeeth College of Engineering, Kharghar and Saraswati College of Engineering, Kharghar | 14th Jan 2023 |

### 3. Workshop/Courses/talk conducted by faculty

| S. No. | Name of Faculty | Workshop/course/talk conducted by faculty | Organized by | Date |
|---|---|---|---|---|
| 1 | Dr. Chandan Singh Rawat | Workshop on LATEX | Department of Electronics & Telecommunication Engineering, VESIT | 25/02/2023 & 28/02/2023 |
| 2 | Dr. M. D. PAtil | Workshop on How to write Technical Paper | Department of Electronics & Telecommunication Engineering, VESIT | 4/03/2023 |
| 3 | Dr. Nandini Ammangi & Mr. Mrugendra M Vasmatkar | STTP on "Trends in FPGA Design & Prototyping with VERILOG" | EXTC Tinkerer's LAB In association with VESIT-IQAC, VESIT-IIC, Coreel Technologies & VESIT-ISA | 2nd Jan-7th Jan 2023 |

### 4. Workshops/Courses attended by faculty

| Sr. No. | Attended By | Course description | Organized by | Date |
|---|---|---|---|---|
| 1 | Dr. Chandan Singh Rawat | Augmented and Virtual Reality | Department of Information Technology, Vishwakarma Institute of Information Technology, Kondhawa, Pune | 20-24 Feb 2023 |
| 2 | Dr. Monali Chaudhari | UGCApproved ShortTerm Professional Development Programme Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching | Indira Gandhi National University Staff Training and Research Institute of Distance Education | January 20--29, 2023- |
| 3 | Dr. Monali Chaudhari | "Industry 4.0: Strategic & Technological Perspectives for Indian Capital Goods Industries" | Visvesvaraya National Institute of Technology, Nagpur | 8th to 12th December 2022 |
| 4 | Mrs. Neeta Chavan | "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |
| 5 | Mrs. Ashwini Sawant | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |
| **6** | Dr. Rasika B. Naik | "Industry 4.0: Strategic & Technological Perspectives for Indian Capital Goods Industries" | Visvesvaraya National Institute of Technology, Nagpur | 8th to 12th December 2022 |

| | | | | |
|---|---|---|---|---|
| 7 | Mrs. Manisha Joshi | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |
| 8 | Dr. Ranjan Bala Jain | ISTE approved STTP Programme on "Quantum Computing" | Department of Electronics & Telecommunication Engineering, Agnel Charites' Fr. C. Rodrigues Institute of Technology | 5th Jan-9th Jan 2023 |
| **9** | Mr. Shobhit K. Khandare | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |
| 10 | Dr, Nandini Ammanagi | Industrial IOT: Security Issues,Challenges & Solutions | METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY | 26/12/2022 to 31/12/2022 |
| 11 | Dr, Nandini Ammanagi | "Industry 4.0: Strategic & Technological Perspectives for Indian Capital Goods Industries" | Visvesvaraya National Institute of Technology, Nagpur | 8th to 12th December 2022 |
| 12 | Mrs. Anuradha Jadiya | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |
| 13 | Mrs. Jyoti Bagate | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |
| 14 | Mrs. Arti Sawant | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |

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| 15 | Dr.Saylee Gharge | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering, VESIT | 2nd Jan to 6th Jan 2023 |
| 16 | Mr.Chintan Jethva | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering, VESIT | 2nd Jan to 6th Jan 2023 |
| 17 | Mrs. Himali Patel | ISTE approved STTP on "SOCIAL MEDIA ANALYTICS" | Department of Computer Engineering in association with VESIT -IQAC | 2nd January to 6th January 2023. |

**5. NPTEL Certification by faculty**

| Sr. No. | Name of Faculty | NPTEL Course description | Organized by | Period |
|---|---|---|---|---|
| 1 | Dr. Rasika Naik | Registered for NBA Accreditation & Teaching and learning in Engineering (NATE) | IISc Bangalore, MSRIT | 23 Jan 2023 to 14 Apr 2023 |

**6. National Initiative for Technical Teachers Training courses attended by faculty**

| Sr. No. | Attended By | Module No. | Course description |
|---|---|---|---|
| 1 | Mrs. Neeta Chavan | 7 | Creative Problem Solving, Innovation and Meaningful research and development |

**7. Project Competition/Exhibition**

| Sr. No. | Project description | Date |
|---|---|---|
| 1 | IDEAthon 2023 | 8/4/2023 |
| 2 | Avinya 2023 | 20/3/2023 |

## 8. Research Paper Publications

| Sr. No | Author List | Title of Paper | Date | National/ Internatio-nal | Journal/ Conference | Organized By | Publisher |
|---|---|---|---|---|---|---|---|
| 1 | Dr. Chandan Singh Rawat | Use of AI based cloud Certificate Authentication for Travel Concession | 11-12 Jan 2023 | International | Conference | 4th International Conference on Mobile computing and sustainable Informatics (ICMCSI 2023) 11-12 Jan 2023 | Springer |
| 2 | Dr. Chandan Singh Rawat | Oil spill detection using Synthetic aperture RADAR | 10-12 Nov 2022 | International | Conference | IoT in social, Mobile, Analytics and cloud (I-SMAC 2022) 10-12 Nov 2022 | IEEE Xplore |
| 3 | Mr. Gaurav Tawde | Recognizing Handwritten Texts | March, 2023 | International | Journal | -- | IJERT |
| 4 | Mrs. Ashwini Sawant | IoT powered Smart Stroller | March 2023 | International IEEE | Conference | -- | IEEE Xplore |
| 5 | Dr. Rasika B. Naik | Virtual Lab on Oscillators | March 2023 | International | Conference | 20th International Conference | REV2023 – in Thessalon |

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|---|---|---|---|---|---|---|---|
| | | | | | | on Remote Engineering and Virtual Instrumentation. | iki, Greece |
| 6 | Mrs. Manisha Joshi | Using fractional derivative in learning algorithm for artificial neural network: Application for salary prediction | November 2023 | International IEEE | Conference | IEEE Bombay Section Signature Conference (IBSSC), Mumbai, | IEEE Xplore |
| 7 | Dr. Rasika B. Naik | A review on Smart Mirror | April 2023 | International | Journal | International Journal of Innovative research in Science, engineering and Technology (IJIRSET 2023) | |
| 11 | Dr. Nandini Ammanagi | Blood Sugar Level detection and storage using Split Ring Resonator and Python | 22-24 februar y 2023 | International | | 2023 Fifth IEEE International Conference on Electrical, Computer and Communication | IEEE |

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|---|---|---|---|---|---|---|---|
| | | | | | | Technologies 22 - 24, February 2023 l www.icecct.com | |
| 12 | Mrs. Manisha Joshi | A survey of fractional calculus applications in artificial neural networks | 25th April 2023 | International | Journal | Artificial Intelligence Review,Springer,2023 | Springer |
| 13 | Dr. Rasika B. Naik | A Review on Automated Waiters | 29th April 2023 | International | Conference | 11th International Conference on Emerging Trends in Engineering & Technology Signal and Information Processing | IEEE |
| 14 | Dr. Nadir N. Charniya | M-Vahitaram: AI-Based Android Application for Automated Crowd Control Management in Bus Transport Service, | 16 Nov 2022 | International | Conference | Springer Nature Proceedings of Emerging Trends and Technologies on Intelligent Systems pp 141–154 | Springer |

### 9. Research Forum - Experts talk

| Sr. No | Date | Duration | Name of Expert | Designation & Organization | Topic | Attended By |
|---|---|---|---|---|---|---|
| 1 | 11/03/2023 | 1Hr | Dr.Rasika Naik | Assistant Professor, EXTC, VESIT | Design & Implementation of Chaos-based Image Encryption and its Cryptanalysis | VESIT Staff |

### 10. Patent Publication

| Sr. No | Patent Inventor Name | Patent Name | Patent Co-Inventor | Patent Status |
|---|---|---|---|---|
| 1 | Mrs. Manisha Joshi | Power-Law activation function based computing system | Nikhil Oza,Vrithik Zathani, Vishal Prajapati, Saket Bhosle, Vivekanand Education Society's Institute of Technology | filed |
| 2 | Mrs. Manisha Joshi | A function generator embedded with ANN | Harshala Dalal, Bhavika Methwani, Shubham Verma, Vedha Nayak, Vivekananda Education Society Institute of Technology (VESIT) | filed |

### 11. Faculty Interaction with outside world

| Sr. No. | Name of Faculty | Role | Details of interaction | Organized by | Dates of interaction |
|---|---|---|---|---|---|
| 1 | Dr. Monali Chaudhari | Research paper reviewer | 5 th IEEE International Conference on "Emerging Smart Computing & Informatics" (IEEE ESCI-2023) | All India Shri Shivaji Memorial Society's Institute of Information Technology | 1st- 3rd March 2023 |

| | | | | | |
|---|---|---|---|---|---|
| 2 | Dr. Monali Chaudhari | Research paper reviewer | 5 th IEEE - International Conference on Advances in Science & Technology (IEEE-ICAST - 2022) | K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai, | 2nd and 3rd of December 2022. |
| 3 | Dr. Monali Chaudhari | Research paper reviewer | International Conference on Advancement in Computation & Computer Technologies, 2023 (InCACCT-2023) IEEE Conf. Record No: 57535X | Chandigarh University | 05th – 06th May 2023 |
| 4 | Dr. Rasika B. Naik | Research paper reviewer | International Conference on Advancement in Computation & Computer Technologies, 2023 (InCACCT-2023) IEEE Conf. Record No: 57535X | Chandigarh University | 05th – 06th May 2024 |
| 5 | Dr. Rasika B. Naik | Research paper reviewer | IEEE International Conference on Current Regards Development in Engineering and Technology (CCET-2022). | SAGE University, Bhopal | Dec 2022 |
| 6 | Dr. Rasika B. Naik | Paper Setter for University (other than MU) | For Subject- Computer Communication and Networks (CCN) SEM-VI | Pillai College of Engineering, New Panvel | May 2023 |
| 7 | Dr. Rasika B. Naik | Paper Setter for University (other than MU) | – | RAIT, Navi Mumbai | Nov 2022 |
| 8 | Dr. Rasika B. Naik | Reviewer for AICTE | For Subject- Basics of Electronics | AICTE | Nov 2022 |

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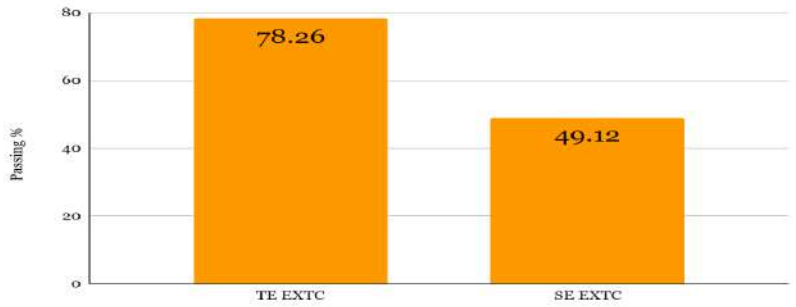
|---|---|---|---|---|---|
| | | Technical Book Translation. | | | |
| 9 | Mrs.Manisha Joshi | Paper Setter for University (other than MU) | – | RAIT, Navi Mumbai | May 2023 |

## Students Achievements

**1. Academic excellence**

Statistical graphs illustrating the performance of the students by the end semester results from University of Mumbai for Academic year 2022-23 odd semester.




**Academic result for Odd Semester (2022-23)**

**2. Placement statistics**

Campus placement holds are of utmost importance for students in today's competitive world.

For 2022-23 EXTC batch, a total of 19 companies visited the college and a total of 69 offers from various companies like JPMC, Deloitte, Acumen Security (Acucert LLP), Accenture, LTI, Capgemini, Quantiphi, Kotak Mahindra Bank etc. were given. These include 34 dream job offers. Details are as follows:

| S.No | Company | Number of Job offers =69 | Salary Lacs/Annum |
|---|---|---|---|
| 1 | JPMC | 4 | 17.75 |
| 2 | Carwale | 1 | 9 |
| 3 | Quantiphi | 4 | 8.5 |
| 4 | Deloitte | 16 | 7.6 |
| 5 | Selec Control | 1 | 6 |
| 6 | Acumen Security (Acucert LLP) | 5 | 6 |
| 7 | Accenture | 4 | 4.5 |
| 8 | Ernst &Young | 3 | 6.37 |
| 9 | FYND | 1 | 13.5 |
| 10 | ITC Infotech | 3 | 4.25 |
| 11 | LTI | 4 | 6.5, 5 and 4 |

| | | | |
|---|---|---|---|
| 12 | Apport Software solution Pvt Ltd (QuickSell) | 1 | 15 |
| 13 | Kotak Mahindra Bank | 5 | 10 |
| 14 | L & T GET | 3 | 6 |
| 15 | TATA Consultancy Services Limited | 4 | 3.36 |
| 16 | Godrej & Boyce | 3 | 6.2 |
| 17 | Games 24 X 7 | 2 | 11 |
| 18 | Kotak Securities | 3 | 6.5 |
| 19 | Capgemini | 2 | 4.25 |

### 3. Competitive Exams

| S. No. | Name of Student | Exam Name |
|---|---|---|
| **1** | Ameya Padwad | GRE |
| **2** | Devesh Ramesh | TOEFL |
| **3** | Risa Samanta | GRE |
| **4** | Abhishek Ajit Bhingarde | GATE |

### 4. Scholarship given to students

| Sr. No. | Name Of Student | Class | Scholarship Received | Amount |
|---|---|---|---|---|
| 1 | Khan Md. Ayan | D19B | Vivekanand Jyoti Scholarship | 25,000 |
| 2 | Sumit Sanjiv Pawar | D9A | Jadavpur Alumni Association Trust | 20,000 |
| 3 | Akanksha Dilip Gawade | D19B | Student Aid Scholarship | 15,000 |
| 4 | Snehal Patil | D9B | Student Aid Scholarship | 15,000 |
| 5 | Ayush Pramod Kotkar | D14B | Student Aid Scholarship | 15,000 |
| 6 | Pritam Mahadeo Dhamak | D9B | Student Aid Scholarship | 15,000 |
| 7 | Shreya Ravindra Dhamane | D19A | Student Aid Scholarship | 15,000 |
| 8 | Harshal Talreja | D9A | Student Aid Scholarship | 15,000 |
| 9 | Siddhesh Deepak Shirshivkar | D9A | Student Aid Scholarship | 15,000 |
| 10 | Nafees Akhter | D19B | Student Aid Scholarship | 15,000 |

## 5. Industry Projects

| Sr. No. | Name of Industry | Title of Project | Name of Students | Project Mentor |
|---|---|---|---|---|
| 1 | Development of FPGAS based systems for radiation monitoring system | Development of FPGAS based systems for radiation monitoring system | Tanmayee Bochare, Kaustubh Pawar, Shantanu Deshmukh Milind Sawant | Mrs. Jyoti B |
| 2 | Development of FPGAS based systems for radiation monitoring system | Development of FPGAS based systems for radiation monitoring system | Dsouza Alrich , Pratik Patkar, Atharva Petkar, Aayushi Rajeshirke | Mr. Mrugendra Vasmatkar |
| 3 | Development of FPGAS based systems for radiation monitoring system | Development of FPGAS based systems for radiation monitoring system | Vaishnavi Amritwar, Ashutosh D., Madhura Ghanwat, Atharva Nayak | Mr. Mrugendra Vasmatkar |

## 6. Industrial Visit

| Sr. No. | Company Name | Company Location | Date | Duration |
|---|---|---|---|---|
| 1 | Tarapur Atomic Power Station | Tarapur, Boisar | 24/02/2023 | 1 day |
| 2 | Tata Communications Ltd, Dighi, PUNE | Dighi, Pune | 03/02/2023 | 1 day |

## 7. Workshops/Seminars attended by students

| Sr. No. | Attended By | Course description | Organized by | Date |
|---|---|---|---|---|
| | Pooja Narayanan | ESP32 and Micropython workshop, ISA | ISA, VESIT | 6 -7 February, 2023 |
| | Gaurang Kedare | Hands-on CyberSecurity Essentials Workshop | EXTC VESIT | February, 2023 |
| | Siddhesh Shirshivkar | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 2023 |

| | | | | |
|---|---|---|---|---|
| | Aaroh Srivastava | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Aditri Vishwas | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Adwait Panadi | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Akash Neharkar | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Anshkumar Agrahari | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Anuja Kulkarni | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Khushi Purohit | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Pranav Jha | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Prasad Gourshettiwar | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Shubham | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Suyog Bharsakle | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Vedant Vijay Patil | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Vikas A Dhakane | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Aditya Nama | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Bhakti Daga | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Mayur Santosh Pawar | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Ninad Joshi | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Preeti shivaji Sonawane | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Rishika Chaubal | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Shreyas kale | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Siddharth Patil | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |
| | Snehal Patil | UI/UX Workshop, IEEE | IEEE, VESIT | 02-03 February, 202 |

## 8. Students Internship

| Sr. No. | Attended By | Course description | Company Name | Date from | Till Date |
|---|---|---|---|---|---|
| 1 | Aryan Chaudhary | IoT and AI based project | VESIT | 1/12/2022 | 1/1/2023 |
| 2 | Tejas Sharma | Image Processing and AI based project | VESIT | 1/12/2022 | 1/1/2023 |
| 3 | Hritika Mulay | Design of analog comparator | VESIT | 1/12/2022 | 1/1/2023 |
| 4 | Radhika Damle | VLSI implementation of DSP algorithm using MATLAB simulink | VESIT | 1/12/2022 | 1/1/2023 |
| 5 | SHREYAS SARANG | VLSI implementation of DSP algorithm using MATLAB simulink | VESIT | 1/12/2022 | 1/1/2023 |
| 6 | Pooja Ghadage | VLSI implementation of DSP algorithm using MATLAB simulink | VESIT | 1/12/2022 | 1/1/2023 |
| 7 | Milind Sawant | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |
| 8 | Shantanu Deshmukh | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |
| 9 | Kaustubh Pawar | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |
| 10 | Alrich Xavier Dsouza | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |
| 11 | AAYUSHI SANTOSH RAJESHIRKE | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |
| 12 | Pratik Patkar | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |
| 13 | Atharva Petkar | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |

| | | | | | |
|---|---|---|---|---|---|
| 14 | Tanmayee Bochare | Prototyping if FPGA using VERILOG Programming | VESIT | 1/12/2022 | 1/1/2023 |
| 15 | Udit Koli | Design of analog comparator | VESIT | 1/12/2022 | 1/1/2023 |
| 16 | Sharvari Patwardhan | Design of analog comparator | VESIT | 1/12/2022 | 1/1/2023 |
| 17 | Pradeesh Reddy | Design of analog comparator | VESIT | 1/12/2022 | 1/1/2023 |

**9. Student paper publication**

| Sr. No. | Student Name | Title of the paper | Name of Organization | Level |
|---|---|---|---|---|
| 1 | Aishvarya Birambole<br>Isha Chavan<br>Saakshi karkera<br>Risa Samanta | Design and Development of Smart Pill Dispenser | Sardar Patel College of Engineering, Mumbai in association with SPIT, Mumbai, Capgemini, SAE India WS, IE(I), IIIE, FELA and technical collaboration with American Institute of Physics & IEEE Bombay Sec | International |
| 2 | Aishvarya Birambole<br>Isha Chavan<br>Saakshi karkera<br>Risa Samanta | Comparative Study of Machine Learning Algorithms for Prediction of Polycystic ovary syndrome | Sri Eshwar College of Engineering, Tamil Nadu | International |
| 3 | Ameya Dikshit<br>Janhavi Bhutki<br>Ahona Chattopadhyay<br>Pratham Angre | Image to Text and Based Learning Aid for Children | IEEE 8th I2CT 2023 | International |
| 4 | Abhishek Bhatia<br>Avantika Shetty<br>Nafees Akhter, | IoT powered smart stroller | IEEE-ICACCS 2023 | International |

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|---|---|---|---|---|
| | Shweta Bhabal | | | |
| 5 | Yogesh Inamdar<br>Sakshi Gupta<br>Rushikesh Palekar<br>Mihir Ranje | Blood Sugar Level detection and storage using Split Ring Resonator and Python | 5th IEEE International Conference on Electrical, Computer and Communication Technologies 22-24 Feb2023 | International |
| 6 | Gargi Khanvilkar<br>Akshata Deshpande<br>Gunjan Surekha<br>Sreya Dhamane | A Review on Smart Mirror | International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | International |
| 7 | Parth Rane<br>Vinghesh Poojari<br>Niranjan Vajjramusti<br>Rohan Bhamre | A Review on Smart Waitor | 2023 11th International Conference on Emerging Trends in Engineering & Technology Signal and information Processing (ICETET-SIP-23) | International |

**10. Project Competition**

| Sr. No. | Name of Students | Name of Competition | Organized by | Prize | Level | Date |
|---|---|---|---|---|---|---|
| 1 | Farheen Khan<br>Heeral Chumber<br>Riddhi Joshi<br>Arunkumar Marippan<br>Suresh Bairi | SPIT Innovation Cup | SPIT | 5000 Rs for Prototype | National | 8th April, 2023 |
| 2 | Ishan Kharat<br>Kartik Avhad<br>Sumit Jadhav<br>Devesh Ramesh Dhaval Mahajan | SPIT Innovation Cup | SPIT | 5000 Rs for Prototype | National | 8th April, 2023 |
| 3 | Abhishek Bhatia<br>Avantika Shetty | Peripheratho n 1.0 IOT | SPIT | 2500 Rs for Prototype | National | 15th April 2023 |

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|---|---|---|---|---|---|---|
| | Shweta Bhabal<br>Nafees Akhter<br>Gaurang Kedare | Hardware Hackathon | | | | |
| 4 | Farheen Khan<br>Heeral Chumber<br>Riddhi Joshi<br>Arunkumar M. | PRAKALP, IIC IEEE | FrCRCE , Bandra | Winner | National | |
| 5 | Neha Makattil<br>Vasudha Sasikumar<br>Varun Arya<br>V Anuparvathy | TANTRAGYAN'23 | LTCOE | Winner | National | 28th March 2023 |
| 6 | Mcvean Soans<br>Prajna Moorthy<br>MRUNAL M.<br>SAPTARSHI DAS | Tantragyan 2023 | LTCOE | Winner | National | 28th March 2023 |
| 7 | Isha Chavan<br>AISHVARYA B.<br>RISA SAMANTA<br>SAAKSHI K. | Ideathon | Online IEEE TPAC Bombay Section | Winner | Intercollege | – |
| 8 | Priyanshu Bhagat<br>Prajakta Gurav<br>Arjun Satheesh<br>Gautam govindaraju | Oscillations - 2023 | SAKEC | Participation | Intercollege | 5 April 2023 |
| 9 | Priyanshu Bhagat<br>Prajakta Gurav<br>Arjun satheesh,<br>Gautam govindaraju | CONCEPTION - 2023 | SFIT | Participation | Intercollege | 11 April 2023 |
| 10 | Neha Makattil<br>Vasudha Sasikumar,Varun Arya, Anuparvathy | CIIA-2 (2023) | CIIA Exhibition at Nehru Centre | Participation | National | 1st - 3rd February 2023 |
| 11 | Ameya Dikshit<br>Ahona C. | CIIA-2 | CIIA Exhibition | Participation | National | 1st - 3rd February |

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| | Pratham A.<br>JANHAVI BHUTKI | | at Nehru Centre | | | 2023 |
| 12 | Shripad Kulkarni<br>Rohan Giri<br>Adarsh P.S<br>Bhavesh Khati | XZIBIT-2023 National Level Project Competition | Excelsior Education Society's K.C. College of Engineering & Management Studies & Research , Thane | Winner | National | 8th and 10th April 2023 |
| 13 | Shripad Kulkarni<br>Rohan Giri<br>Adarsh P.S<br>Bhavesh Khati | Bit n Build | Google Developer Student Clubs of CRCE & UMIT | Participation | National | 28th and 29th Jan 2023 |
| 14 | Shripad Kulkarni<br>Rohan Giri<br>Adarsh P.S,<br>Bhavesh Khati | IEEE Ideathon | IEEE Bombay Section | Pre-qualifier | National | 12th November 2022 |
| 15 | Rohan Bhamre<br>Parth Rane<br>Niranjan Vajramusti,<br>Vignesh Poojari | Oscillations 2023 | Shah and Anchor Kutchi Engineering College | Participation | Intercollege | |
| 16 | Mcvean Soans<br>Prajna Moorthy<br>MRUNAL | Xzibit'23 | KCCOE | Winner | National | 10 April 2023 |

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| | MURUDKAR SAPTARSHI DAS | | | | | |
| 17 | TRISHA GAUR ADVAIT KULHADA SHARVANI SAWANT SHUBHAM SANGANI | AVINYA, 2023 Technology Day | VESIT | Participation | Intracollege | 20th March, 2023 |
| 18 | V.ANUPARVATHI VASUDHA SASIKUMAR NEHA MAKATTIL VARUN ARYA | AVINYA, 2023 Technology Day | VESIT | SECOND PRIZE | Intracollege | 20th March, 2023 |
| 19 | AKSHATA DESHPANDE SHREYA DHAMANE GARGI KHANVILKAR GUNJAN SUREKA | AVINYA, 2023 Technology Day | VESIT | SECOND PRIZE | Intracollege | 20th March, 2023 |
| 20 | AISHVARYA MAHADEO BIRAMBOLE RISA SAMANTA ISHA SUDHIR CHAVAN SAAKSHI TEJPAL KARKERA | AVINYA, 2023 Technology Day | VESIT | Participation | Intracollege | 20th March, 2023 |
| 21 | KARTIK MAHADEV AVHAD | AVINYA, 2023 Technology | VESIT | Participation | Intracollege | 20th March, 2023 |

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| | ISHAN KHARAT<br>SUMIT TUKARAM JADHAV<br>DHAVAL UNMESH MAHAJAN | Day | | | | |
| 22 | Rohit Dahad<br>Kopal Jain<br>Rahul Jeswani<br>Yashraj Kadam | AVINYA, 2023 Technology Day | VESIT | Participation | Intracollege | 20th March, 2023 |
| 23 | PRAJNA MOORTHY<br>MRUNAL MURUDKAR<br>MCVEAN SOANS<br>SAPTARSHI DAS | AVINYA, 2023 Technology Day | VESIT | Participation | Intracollege | 20th March, 2023 |
| 24 | ADARSH PS<br>ROHAN GIRI<br>BHAVESH KHATI<br>SHRIPAD KULKARNI | AVINYA, 2023 Technology Day | VESIT | FIRST PRIZE | Intracollege | 20th March, 2023 |
| 25 | Paritosh Borkar<br>Aditya Jagadale<br>Aayush Moza<br>Shreya kate | AVINYA, 2023 Technology Day | VESIT | Participation | Intracollege | 20th March, 2023 |
| 26 | AARON VARGHEESE ARIMPUR<br>GARGI VINOD GAIKWAD<br>RAJ JADHAV<br>NIKHIL KUMAR | AVINYA, 2023 Technology Day | VESIT | Participation | Intra College | 20th March, 2023 |

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| | BHARAT KUMAR JAIN | | | | | |
| 27 | AMEYA DIKSHIT AHONA C. PRATHAM A. JANHAVI BHUTKI | AVINYA, 2023 Technology Day | VESIT | Participation | Intracollege | 20th March, 2023 |
| 28 | Abhishek Bhatia Avantika Shetty Shweta Bhabal Nafees akhter | AVINYA, 2023 Technology Day | VESIT | Participation | Intracollege | 20th March, 2023 |
| 29 | ARUNKUMAR MARIAPPAN HEERAL C. RIDDHI JOSHI FARHEEN KHAN | AVINYA, 2023 Technology Day | VESIT | THIRD PRIZE | Intracollege | 20th March, 2023 |
| 30 | YASH BHISE HRIDESH KAMAL Tanya Dubey Sagar Pujari | AVINYA, 2023 Technology Day | VESIT | FIRST PRIZE | Intracollege | 20th March, 2023 |
| 31 | Priyal Singh Dhwani Panchal Dhara Panchal Riya Gorade | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |
| 32 | Gaurang Kedare Omkar Maurya Sarthak Adhanagale Pooja Narayanan | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |
| 33 | Rohit Dahara Tejas Sharma Manish Mhatre Aditya Kurdiya | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |
| 34 | SHEEZA KHAN ADITYA NAMA | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |

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| | PRANAV GOPAL SUKALI SHRAAVANI TOPLE | | | | | |
| 35 | Pratham kumar Bumb Pritam Dhamak Aadarsh Dubey Swaraj Muraskar | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |
| 36 | Renu Dharamkar Atharva D. Anuraag Rao Aman yadav | IDEATHON, 2023 | VESIT | FIRST PRIZE | Intracollege | 8th April, 2023 |
| 37 | Garima Chhabra Rishika Chaubal Hritika Mulay Sharvari Patwardhan | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |
| 38 | Dsouza Alrich Pratik Patkar Atharva Petkar Aayushi Rajeshirke | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |
| 39 | Tanmayee Bochare Kaustubh Pawar Shantanu Deshmukh Milind Sawant | IDEATHON, 2023 | VESIT | Participation | Intracollege | 8th April, 2023 |

## 11. Alumni Interaction

| Sr. No. | Name of Alumni | Passing Year | Designation | Date | Target Audience | Topic of Discussion |
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|---|---|---|---|---|---|---|
| 1 | Mr. Anish Singh Rajput | ME-2017 | Indian Telecom service (ITS ) Officer, in the Department Of Telecommunication, Ministry of communication, Government of India. | 1st April, 2023 | Batch of 2021-2022 | Convocation |
| 2 | Priyanka Pathak, Bhuvana Raisinghani, Kaustubh Salve,Aanand Lathi, Onkar Joshi, Saheb Wadhawa, Shubham Singh, Neha Nishad,Siddhant Satam, Shubham Madhavi, Gaurav Jagwani, Sunit Raut | Alumni from various batches | Working with various Indian/MNC's in Core technology/IT | 8th April, 2023 | Review of Second and Third year Mini Projects | Judging and Interaction |

## 12. Co-curricular activities

### 12.1. Inter college competitions

| Sr. | Name of the student | College | Name of the event | Awards/ |
|---|---|---|---|---|

| No. | | Name | | Participant |
|---|---|---|---|---|
| 1 | Satyam Mishra | TSEC | Tech-a-thon(48hr Hardware Hackathon) | Participant |
| 2 | Yash Kumbhar | TSEC | Tech-a-thon(48hr Hardware Hackathon) | Participant |
| 3 | Manashree Tendulkar | TSEC | Tech-a-thon(48hr Hardware Hackathon) | Participant |

### 12.2. Intra college competitions

| Sr. No. | Name of the Student | College Name | Name of the Event | Awards/ Participant |
|---|---|---|---|---|
| 1 | Pooja Narayanan | VESIT | Article writing (2nd position), ISA | Winner |
| 2 | Devesh Ramesh | VESIT | Code Knights, CSI | Participant |
| 3 | Devesh Ramesh | VESIT | Sherlock & Watson, CSI | Participant |
| 4 | Trupti Sonawane | VESIT | LBS - Looking Beyond Syllabus | Participant |
| 5 | Kaustubh Vijay Pawar | VESIT | LBS - Looking Beyond Syllabus | Winner |
| 6 | Kaustubh Vijay Pawar | VESIT | Ideathon | Participant |
| 7 | Kshitij Nag | VESIT | LBS - Looking Beyond Syllabus | Participant |
| 8 | Aditya Naresh | VESIT | LBS - Looking Beyond Syllabus | Participant |
| 9 | Omkar Mourya | VESIT | Ideathon | Participant |
| 10 | Vismay Kakhandki | VESIT | LBS - Looking Beyond Syllabus | Participant |
| 11 | Mcvean Soans | VESIT | VESIT Hacks | Participant |
| 12 | Mcvean Soans | VESIT | Syrus 2023 | Winner |
| 13 | Farheen Khan | VESIT | Praxis , VESIT hacks | Winner |
| 14 | Shantanu Nilesh Deshmukh | VESIT | LBS - Looking Beyond Syllabus | Winner |

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| 15 | Manashree Tendulkar | VESIT | LBS - Looking Beyond Syllabus | Participant |
| 16 | Prachi Thombare | VESIT | LBS - Looking Beyond Syllabus | Participant |
| 17 | Pooja Narayanan | VESIT | Ideathon | Participant |
| 18 | Riya Gorade | VESIT | Ideathon | Participant |
| 19 | Udit Koli | VESIT | LBS - Looking Beyond Syllabus | Participant |
| 20 | Gaurang Kedare | VESIT | Ideathon | Participant |
| 21 | Devesh Ramesh | VESIT | VESIT Tank, IEEE | Participant |
| 22 | Aayushi Mishra | VESIT | Sherlock & Watson, CSI | Participant |
| 23 | Rahul lad | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 24 | Shravani Kale | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 25 | Aditi Ullas | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 26 | Anuja Kulkarni | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 27 | Siddhesh Shirshivkar | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 28 | Farhan khan | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 29 | Sanika Pawar | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 30 | Harshal Talreja | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 31 | Chirag Naskar | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 32 | Soham Narvekar | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 33 | Neerav Sonaje | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |

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| 34 | Aaroh Srivastava | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 35 | Unnati Ayalwar | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 36 | Geet Parag Lad | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |
| 37 | Yash Bamne | VESIT | Technical Paper Presentation, VESIT-IEEE | Participant |

## 13. Extracurricular activities

### 13.1. Sports events

| Sr. No. | Student Name | Event Name |
|---|---|---|
| 1 | Mohit Sajeevan | Shri. Ram Keswani Football Cup |
| 2 | Varun Arya | Inter-VES Tug of war |
| 3 | Maaroof Merchant | Inter-VES Tug of war |
| 4 | Varun Arya | Sphurti'23 |
| 5 | Pratham Patil | Vesit Football League Winner |
| 6 | Aniket Sangle | Spurti table tennis winner |
| 7 | Aniket Sangle | Spurti Volleyball Winner |
| 8 | Varun bangad | Volleyball runner up |
| 9 | Aryan Chaudhary | Volleyball Runner up |
| 10 | Harsh Ranjan | Badminton singles winner |
| 11 | Harsh Ranjan | Badminton mixed doubles winner |
| 12 | Harsh Ranjan | Table tennis doubles winner |
| 13 | Harsh Ranjan | volleyball runner up |
| 14 | Harsh Ranjan | volleyball winner |
| 15 | Harsh Ranjan | kho kho runner up |
| 16 | Harsh Ranjan | VCL winner |
| 17 | Harsh Ranjan | Badminton singles winner and MVP in Inter Ves tournament |
| 18 | Harsh Ranjan | Relay 4*100 runner up inter ves |

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| 19 | Harsh Ranjan | Volleyball runner up inter ves |
| 20 | Harsh Ranjan | Tug of war runner up inter ves |
| 21 | Pooja Narayanan | Dodgeball |
| 22 | Jayesh Utekar | Inter VES Kabbadi winner |
| 23 | Jayesh Utekar | Sphurti Volleyball runner-up |
| 24 | Jayesh Utekar | Illusion wild card event runner up |
| 25 | Anoushka Menon | Indoor Spurthi |
| 26 | Sakshi Gawale | Indoor Spurthi and Outdoor Sphurti |
| 27 | Aditi Boob | Indoor Spurthi and Outdoor Sphurti |
| 28 | Rohit Kumar Singh | Outdoor Spurthi |
| 29 | Prathmesh Pramod Bhingarde | Outdoor Spurthi |
| 30 | Thanmai Chunduru | outdoor Spurthi |
| 31 | Unnati Ayalwar | Outdoor Spurthi |
| 32 | Sumit Sanjiv Pawar | Outdoor Spurthi |
| 33 | Vikas Atmaram Dhakane | Outdoor Spurthi |
| 34 | Rohan Jeevan Chavan | Outdoor Spurthi |
| 35 | Sumit Jadhav | UBI * VESLIT Drama |

### 13.2. Cultural, music, literature

| Sr. No. | Student Name | Event Name |
|---|---|---|
| 1 | Hritika Mulay | VESLit X UBI Debate |
| 2 | Puja Mahankuda | Essay writing competition conducted by the VESIT student council (first place) |
| 3 | Sumit Jadhav | UBI * VESILT Drama |
| 4 | Sudipa Majumdar | Octaves'23 (Voice of VESIT) |
| 5 | Sudipa Majumdar | Octaves'23 (Battle of Bands) |
| 6 | Saakshi Karkera | UBI - Poster Making Competition |
| 7 | Jayesh Utekar | Illusion - Best MC (Main Captain) |
| 8 | Jayesh Utekar | Illusion- 1st in Duet Drama |
| 9 | Jayesh Utekar | Illusion - 2nd in Group Drama |
| 10 | Ayush Kotkar | Illusion - 2nd in Music |

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| 11 | Srushti Pagar | Illusion'23 Winning team ( 1st place as dance mc) |
| 12 | Harsh Ranjan | Illusion winner (played as dual in sports and drama) |
| 13 | Hritika Mulay | VESLit X UBI Debate |

## 14. Tinkerer's Lab Activities

| Sr. No. | Attended By | Course description | Organized by | Date |
|---|---|---|---|---|
| 1 | Prathamesh bhalchandra chavan | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 2 | Rohankumar Barouliya | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 3 | Suja Ravindran | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 4 | Varun Tushar Gharat | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 5 | Pooja Ramchandra Ghadage | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 6 | Indu Dokare | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 7 | Vaibhav | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |

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| 8 | SHREYAS SANTOSH SARANG | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 9 | Prasad Kokate | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 10 | Prachi Thombare | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 11 | Yash Shivyogappa Kumbhar | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 12 | Uttara Bhatt | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 13 | Siddhi Kadam | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 14 | Jay Dulange | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 15 | Shubham Nayak | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 16 | Harsh Shrivastava | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |

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| 17 | Sanchit Mhadgut | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 18 | MIHIR SUHANDA | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 19 | SAWANT SHREYA DEEPAK | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 20 | Radhika Damle | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 21 | Avantika Ravindra Narvekar | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 22 | Geet Lad | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 23 | Ayush Kotkar | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 24 | Pradeesh Reddy | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 25 | Manasi Nerurkar | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |

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| 26 | Atharva Godkar | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 27 | Udit koli | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 28 | Shah Jash Bharat | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 29 | Manpreat Kaur | STTP on "Trends in FPGA design and Prototyping using Verilog" | Tinkerer's LAB, EXTC VESIT | 2nd - 7th Jan 2023 |
| 30 | Aditya Nama | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 31 | Nandana Nair | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 32 | Adwait Panadi | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 33 | Sakshi Santosh Patil | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 34 | Komal Tilokani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 35 | Vedant Gupta | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 36 | Vedika Vinod Chavan | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 37 | Mayuri Yerande | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 38 | Pushkaraj Charudatta Chaudhari | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 39 | Anuja Kulkarni | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 40 | Aditi Ullas | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |

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|---|---|---|---|---|
| 41 | Manali Bhave | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 42 | Preeti Sonawane | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 43 | Rohini Daultani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 44 | Kesar Assudani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 45 | Ishan Somani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 46 | Jiya Santani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 47 | Sharvaree pimparkar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 48 | Sakshi Gawale | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 49 | Garima Chhabra | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 50 | VIKAS A. DHAKANE | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 51 | Aditri Vishwas | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 52 | Akash Neharkar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 53 | Ameya Chaudhary | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 54 | Nihit Mistry | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 55 | Soumyaranjan Parhi | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 56 | Aditya Gaikwad | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 57 | YASH SHIVAJI KURADE | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 58 | Prajwal Vijay Patil | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 59 | Vivek Jambhulkar | Prototyping with | Tinkerer's LAB, | 21,28-Jan to |

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|---|---|---|---|---|
| | | Raspberry-pi | EXTC VESIT | Feb-2023 |
| 60 | Nayan Sunil Patil | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 61 | Ratan Poojari | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 62 | Sarvadnya Awaghad | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 63 | Pranjali Patil | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 64 | Riddhi Solanke | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 65 | Atharva Dabhade | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 66 | Suyog Bharsakle | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 67 | Sahil Waykole | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 68 | Adheeti Dalal | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 69 | Ankit Balwani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 70 | Vishal singh | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 71 | Atharva Santosh Mulam | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 72 | Palak Lalwani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 73 | Rohit Dahara | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 74 | Jalpriya | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 75 | Mayur Pawar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 76 | Ghanishtha Talele | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 77 | Atharva Godkar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |

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|---|---|---|---|---|
| 78 | Aditi Miniyar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 79 | Vaishnavi Chavan | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 80 | Prathamesh Savalkar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 81 | Gayatri Vaidya | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 82 | Rohit kumar singh | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 83 | ADITYA BAGAYATKAR | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 84 | Nikita kumawat | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 85 | Manish Mhatre | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 86 | Ninad Joshi | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 87 | Aaqueeb Pinjari | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 88 | Gaurang Raorane | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 89 | Samiksha Wadibhasme | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 90 | Janhavi Deshpande | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 91 | Vrushabh Ghuse | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 92 | Unnati Ayalwar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 93 | Gaurav | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 94 | Dheeraj Yadav | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 95 | Shubham Raghuvir Nakashe | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 96 | Mahendra Girase | Prototyping with | Tinkerer's LAB, | 21,28-Jan to |

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|---|---|---|---|---|
| | | Raspberry-pi | EXTC VESIT | Feb-2023 |
| 97 | Piyush Tilokani | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 98 | Hritika Mulay | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 99 | Renu Dharamkar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 100 | Aditi | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 101 | Aatish Salian | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 102 | Harshita Dubey | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 103 | SNEHA SANDEEP UTEKAR | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 104 | Tejas Sharma | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 105 | Sakshi Ganjewar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 106 | Rishika Chaubal | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |
| 107 | Swaraj Muraskar | Prototyping with Raspberry-pi | Tinkerer's LAB, EXTC VESIT | 21,28-Jan to Feb-2023 |

# Department of Information Technology

## Department Report

## Even Semester

## 1st April 2021 to December 2021

**FACULTY CONTRIBUTION**

- **Orientations attended by faculties**

| Sr. No. | Conducted By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1. | TSEC, Bandra | Orientation Program of ITL503: DevOps Labs and ITL504: Advanced DevOps Lab | TSEC, Bandra | 6th July 2021 | 1 Day |
| 2. | Vidyalankar Institute of Technology | Orientation Program of TE-IT Sem V Entrepreneurship and E-Business | Vidyalankar Institute of Technology | 5th July 2021 | 1 Day |
| 3. | Rajiv Gandhi Institute of technology | Orientation Program of TE-IT Sem V Mini Project -2A Web based Business Model | Rajiv Gandhi Institute of technology | 7th July 2021 | 1 Day |
| 4. | Vidyavardhini's College of Engineering & Technology, Vasai Road, Palghar | Faculty Orientation Program on ITC501: Internet Programming and ITL501: IP Lab | Vidyavardhini's College of Engineering & Technology, Vasai Road, Palghar | 21 st June 2021 | 1 Day |

- **Workshop/Courses Conducted by Faculties**

| Sr. No. | Conducted by | Course Description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1. | Department of INFT, CMPN and MCA, VESIT. | AICTE Sponsored Online STTP Phase 3 and 4 on Blockchain Platforms and Application | AICTE, VESIT. | Phase 3 from 12th July to 16th August and Phase 4: 17th July to 21st August 2021 | 1 Week each (Total 2 weeks) |

| Sr. No. | Conducted by | Course Description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 2. | INFT, VESIT | E-Disha | INFT, VESIT | 28th August,2021 and 4th September | 2 Days |
| 3. | XIE Mahim. | Expert Lecture on “Real Time Applications of Data Structures” for Second Year IT students from VESIT and Xavier Institute of Engineering | XIE Mahim | 4th December 2021 | 1 Day |
| 4. | VESIT | UHV Workshop on “Understanding Human Being " | VESIT | 18th September 2021 | 1 Day |
| 5. | VESIT | UHV Workshop on “Understanding Human Aspirations” | VESIT | 25th September 2021 | 1 Day |
| 6. | XIE, Mahim, VESIT | Expert lecture on Real time applications of data structures | XIE, mahim | 4th December 2021 | 1 Day |
| 7. | INFT, VESIT | Quiz on Current Affairs - Celebrarting 75 years of Independence "Azadi ka Amrut Mahostav" | INFT, VESIT | 8th Sept 2021 | 1 Day |
| 8. | INFT, VESIT | Session on "IPR and Patenting" and Workshop and Hands-on Session "How to file Copyright" | INFT, VESIT | 28th August 2021 | 1 day |

- **Courses / FDP/ STTP/ Workshops Attended by Faculty**

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | . Dr. Manoj Sabnis | “Inculcating Universal Human Values in Technical Education” | AICTE | 2nd August to 6th August 2021, | 5 Days |
| 2. | Dr. Manoj Sabnis | CYBER SECURITY (Elementary Level) | ANAND INSTITUTE OF HIGHER TECHNOLOGY | from 7th June to 11th June 2021, | 5 Days |
| 3. | Dr. Manoj Sabnis | “Augmented Reality & Virtual Reality” | Birla Vishvakarma Mahavidyalaya Engineering College. | 21st June to 25th June 2021, | 5 Days |
| 4. | Dr. Manoj Sabnis | Innovation Ambassador training (Foundation Level) | Ministry of Education's Innovation Cell | 30th June | 1 Day |
| 5. | Mrs. Asha Bharambe | UHV FDP on “Inculcating Universal Human Values in Technical Education” | AICTE | 2 August, 2021 to 6th August 2021 | 5 Days |
| 6. | Mrs. Asha Bharambe | ATAL FDP on CYBER SECURITY (Elementary Level) | ANAND INSTITUTE OF HIGHER TECHNOLOGY | 7th June, 2021 11th June | 5 Days |
| 7. | Mrs. Asha Bharambe | ATAL FDP on Augmented Reality & Virtual Reality | Birla Vishvakarma Mahavidyalaya Engineering College | 21 June 2021 to 25th June | 5 Days |
| 8. | Mrs. Asha Bharambe | Innovation Ambassador training (Foundation Level) | Ministry of Education's Innovation Cell and AICTE | 30th June 2021 | 1 day |

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 9. | Mrs. Kajal Jewani | Workshop on “Design the Thinking - Preparing the 10. Entrepreneurship Mindset” | VESIT-IQAC and VESIT-IIC. | 31st July 2021 | 1 Days |
| 10. | Mrs. Kajal Jewani | IEEE Enterprenureship Bootcamp 2021 | STTP | 5th July 2021 to 10th July 2021 | 1 Week |
| 11. | Mrs. Kajal Jewani | “Research Area and Funding Prospects for Academic Institutions” | Research Forum Talk | 4th August 2021 | 1 Day |
| 12. | Mrs. Kajal Jewani | Booting up Adventures in Enterprenurship | V-Reach AN Alumini Engagement Initiative | 6th August 2021 | 1 Day |
| 13. | Mrs. Kajal Jewani | Paradigm Shift: Bond Markets and Introduction to AI in Bond Pricing | V-Reach AN Alumini Engagement Initiative | 25th August 2021 | 1 Day |
| 14. | Mrs. Kajal Jewani | “Pitch Like a Pro” | Research Forum Talk | 7th August 2021 | 1 Day |
| 15. | Mrs. Kajal Jewani | Design The Thinking - Preparing the Entrepreneurship Mindset session | VESIT-IQAC and VESIT-IIC. | 31st July 2021 | 1 Day |
| 16. | Mrs. Kajal Jewani | "Breaking the Glass Ceiling:Placements Beyond Campus" | V-Reach AN Alumini Engagement Initiative | 2nd August 2021 | 1 Day |
| 17. | Mrs. Kajal Jewani | "Cloud Computing using Microservice Architecture" | V-Reach AN Alumini Engagement Initiative | 5th August 2021 | 1 Day |
| 18. | Mrs. Kajal Jewani | VESIT, Research Forum Talk on “Exploring Patenting through | VESIT-IQAC & VESIT-IIC | 30th July 2021 | 1 Day |

| Sr. No. | Attended By | Course description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| | | Research" | | | |
| 19. | Mrs. Jayshree Hajgude | AICTE Approved STTP on "Natural Language Processing with Google AI and Dialogflow and Its Applications | Usha Mittal Institute of Technology, SNDTWU, Mumbai | 21st June to 26th June, 2021 | 6 Days |
| 20. | Mrs. Vidya Pujari | AICTE Approved STTP on "Natural Language Processing with Google AI and Dialogflow and Its Applications | Usha Mittal Institute of Technology, SNDTWU, Mumbai | 21st June to 26th June , 2021 | 6 Days |
| 21. | Mrs. Pooja Shetty | Internet Programming: A Full Stack Approach | Vidyavardhini's College of Engineering & Technology, Vasai Road, Palghar | 14 June 2021 to 25 June 2021 | 1 Week |
| 22. | Mrs. Kajal Jewani | UHV-SIP Workshop on "How to Conduct SIP Program." | AICTE | 20th September 2021 | 1 Day |
| 23. | Mrs. Kajal Jewani | Online Workshop On "Mendeley Reference Manager" | VESIT | 29th September 2021 | 1 Day |

## Research Forum Activities

- **Research Paper Published**

| Publication - Author List | Title | Publication - Date | Publication - National / International | Publication - Journal / Conference | Publication - Name of The Journal / Conference | Publication - ISBN Number |
|---|---|---|---|---|---|---|
| Dr. (Mrs.) M. Vijayalakshmi | Accepted | 19th – 20th Feb. 2021 | International Conference | IEEE | IEEE International Conference on Computing, Communication, and | ISBN 978-1-7281-8529-3 |

| Publication - Author List | Title | Publication - Date | Publication - National / International | Publication - Journal / Conference | Publication - Name of The Journal / Conference | Publication - ISBN Number |
|---|---|---|---|---|---|---|
| | | | | | Intelligent Systems (Co-Sponsored by IEEE) | |
| Dr. (Mrs.) Shalu Chopra | Book Chapter Size Invariant Ship Detection Using SAR Images | 5th April 2020-21 | International Conference | Springer | International Conference on Computational Intelligence, Data Science and Cloud Computing, volume 62 | ISSN 2367-4512 |
| Dr. (Mrs.) Shalu Chopra | Studentchain: Digitizing and Authenticating Student Portfolios using Decentralization | April 2021. | International Journal | International Journal of Creative Research Thoughts (IJCRT), | International Journal of Creative Research Thoughts (IJCRT), | 2320-2882, |
| Mrs. Smita Jangale | Detecting Malware, Malicious URLs and Virus Using Machine Learning and Signature Matching | 21st - 23rd May 2021 | International Conference | INCET2021 | INCET2021 (International Conference of Emerging Technology) IEEE | Accepted |
| Mrs. Smita Jangale, Dr. (Mrs.) M. Vijayalakshmi | Analysis of deep learning techniques for rumour detection | March 2021 | International Journal | PENSEE Impact Factor-6 | PENSEE International Journal Vol 51 issue 3, ISSN: 0031-4773, Pg. No 1470-1485. | ISSN: 0031-4773 |
| Mrs. Asha Bharambe | VR PHOTOGRAPHY EMBEDDED MAP WITH | 21st - 23rd May 2021 | International Conference | IEEE | 2nd International Conference for Emerging in | Accepted |

| Publication - Author List | Title | Publication - Date | Publication - National / International | Publication - Journal / Conference | Publication - Name of The Journal / Conference | Publication - ISBN Number |
|---|---|---|---|---|---|---|
| | GRID BASED INDOOR POSITIONING | | | | Technology - 2nd INCET 2021 | |
| Mrs. Asha Bharambe | Relevium - Disaster Management using Twitter | 25th - 7th June 2021 | International Conference | IEEE Sponsored on International Conference on Intelligent Technologies 2021 | IEEE Sponsored on International Conference on Intelligent Technologies 2021 | Accepted |
| Mrs. Charusheela Nehete | Deep Learning Based Face Mask Detection and Crowd Counting | 2nd - 4th April 2021 | International Conference | IEEE | 2021 6th International Conference for Convergence in Technology (I2CT) | Electronic ISBN:978-1-7281-8876-8 |
| Mrs. Vidya Pujari | Intelligent media player | May 2021 | International Journal | IRJET) | International Research Journal of Engineering and Technology (IRJET), May 2021, Volume: 08 Issue: 05 | ISSN: 2395-0056 |
| Mrs. Vidya Pujari | Monitoring Epidemic outbreaks using social media data | 21st - 23rd May 2021 | International Conference | IEEE 2nd INCET 2021 | IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum ,Karnataka ,India | accepted |

| Publication - Author List | Title | Publication - Date | Publication - National / International | Publication - Journal / Conference | Publication - Name of The Journal / Conference | Publication - ISBN Number |
|---|---|---|---|---|---|---|
| Mrs. Asma Parveen I. Siddavatam | Infrastructure Management and Prediction during Covid-19 Pandemic | May 2021 | International Journal | IJARESM | International Journal of All Research Education and Scientific Methods ( | ISSN: 2455-6211 |
| Mrs. Jayashree Hajgude | An Overview of Different Techniques to Provide Semantics to Remote Sensing Data | April 2021 | | | Asian Journal of Convergence in Technology I.F-5.11 | ISSN NO: 2350-1146 |
| Mrs. Jayashree Hajgude | DeepSight: Land Use and Land Cover Classification Using Satellite Images | 21st May – 23rd May 2021 | International Conference | IEEE, INCET 2021 | IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum ,Karnataka ,India | Accepted. |
| Mrs. Pooja Shetty | BLOCKCHAIN BASED INSURANCE PROCESS | March 2021 | International Journal | Journal of Emerging Technologies and Innovative Research (JETIR) | Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 3 | ISSN-2349-5162 |
| Mrs. Vinita Mishra | BrainKey: A Virtual Keyboard controlled using Eye Blinks | March 2021 | International Journal | IJCRT | International Journal of Creative Research Thoughts (IJCRT), Volume 9, Issue 3 March 2021 | ISSN: 2320-2882 |

| Publication - Author List | Title | Publication - Date | Publication - National / International | Publication - Journal / Conference | Publication - Name of The Journal / Conference | Publication - ISBN Number |
|---|---|---|---|---|---|---|
| Mrs. Vinita Mishra | ” Fake News Detection” | April 2021 | International Journal | International Research Journal of Engineering and Technology (IRJET) | International Research Journal of Engineering and Technology (IRJET), April 20210, Volume: 08 Issue: 04 | ISSN: 2395-0056 |
| Mrs. Vinita Mishra | Real-Time Vehicle Detection and Safety Alarm System | April 2021 | International Journal | International Research Journal of Engineering and Technology (IRJET) | International Research Journal of Engineering and Technology (IRJET), April 2021, Volume: 08 Issue: 04 | ISSN: 2395-0056 |
| Mrs. Sukanya Roychowdhury | IOT based Accident Prevention & Detection System using GSM-GPS, Eye Blink & Alcohol Senser | May 2020 | International Journal | International Journal for Research in Applied Science & Engineering Technology | International Journal for Research in Applied Science & Engineering Technology | ISSN 2321-9653 |
| Mrs. Sukanya Roychowdhury | Forest Fire Prediction using ML and AI | 21st May – 23rd May 2021 | International Conference | IEEE, INCET 2021 | IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum ,Karnataka ,India | Accepted. |

| Publication - Author List | Title | Publication - Date | Publication - National / International | Publication - Journal / Conference | Publication - Name of The Journal / Conference | Publication - ISBN Number |
|---|---|---|---|---|---|---|
| Mrs. Pooja Shetty | Diet Recommendation System for Diabetic Patients | May 2021 | International Journal | International Journal of Engineering Research and Applications (IJERA) | International Journal of Engineering Research and Applications (IJERA) | ISSN 2248-9622 |
| Mrs. Pooja Shetty | Hate Speech Detection in Social Media Platforms | May 2021 | International Journal | International Journal of All Research Education & Scientific Methods | International Journal of All Research Education & Scientific Methods | ISSN 2455-6211 |

- **Books Published**

| Books Published - Name (Title. FirstName MiddleName Surname) | Books Published - Name of Co-Authors | Books Published - Name of book | Books Published - Publication | Books Published - Month and year of publication |
|---|---|---|---|---|
| **Mrs. Asma Parveen I. Siddavatam** | - | Series Title :Springer's Lecture Notes in Electrical Engineering Book Title :Advances in Electrical and Computer Technologies for "A Novel method to improve the resolution of FLASH ADC for High-Resolution and High-Speed Applications" | Third International Conference on Advances in Electrical and Computer Technologies 2021 (ICAECT 2021) | 29th-30th October 2021 |

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- **SEL(Skill Enhancement Lecture)**

| Sr. No. | Resource Person | Course Description | Name/s of the faculty co-ordinator | Date | Number of days |
|---|---|---|---|---|---|
| 1. | Dr. (Mrs). Ujwala Bharambe, Assistant Professor, TSEC | SEL on Evolutionary Algorithms (Genetic Algorithms) | Charusheela Nehete | 6th October 2021 | 1 Day |
| 2. | Special Lecture Series on NPTEL YouTube Channel | Expert talk on "IPR and Patenting" and "How to file Copyright" | Mrs. Asha Bharambe | 14th May 2021 | 1 Day |
| 3. | Expert talk on "IPR and Patenting" and "How to file Copyright" | SEL on Computer Network Security | 1. Dr Vikram Patil from Annasaheb Dange College of Engineering and Technology, Ashta,2. Dr Kranti Ghag from Shah and Anchor Kutchhi Engineering College.,3. Mrs Dhanashree Toradmalle from Shah and Anchor Kutchhi Engineering College. | 28th august 2021 | 1 Day |
| 4. | SEL on Computer Network Security | SEL on "The importance of the Corporate Social Responsibility and the activities undertaken by SUDLife under | Mr. Kamlesh Ahuja Lead, Common Criteria certifications and FIPS 140-2, Mumbai, Maharashtra, India, | 4th Septemb er,2021 | 1 Day |

| Sr. No. | Resource Person | Course Description | Name/s of the faculty co-ordinator | Date | Number of days |
|---|---|---|---|---|---|
| | | | working as Lead for UL India Pvt.Ltd in Cybersecurity compliance domain. | | |
| 5. | SEL on "The importance of the Corporate Social Responsibility and the activities undertaken by SUDLife under CSR" | SEL on “Types of Business Structures and Their Tax Implications.” | "Rakesh Kumar (CS), Gnana William" from Star Union Dai-Chi Life Insurance Co. Ltd., Navi Mumbai | 13th August 2021 | 1 Day |
| 6. | SEL on “Types of Business Structures and Their Tax Implications.” | Web Application and Cyber Security | Maitreyi Thosar is an experienced SOX control Testing & Assurance Specialist with a demonstrated history of working in the Silicon Valley Bank, Bengaluru. | 28th Septemb er 2021 | 1 Day |
| 7. | Web Application and Cyber Security | Introduction to PHP and Database connectivity with PHP | Mr. Nayab Falke, Manager IT, The Clearing Corporation Of India Ltd | 18th Sept 2021 | 1 Day |

- **Other Achievements**

Mrs. Asma Parveen’s project entitled “Calibration System for Nuclear Spectroscopy Applications” has qualified in the list of 35 projects selected in the National level Competition “Swadeshi Microprocessor Challenge -2020” organized by the Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC (Center for Development of Advance Computing), IIT Madras, MyGov and MakerVillage under “आत्मनिर्भर भारत अभियान”.is the only

project selected from University of Mumbai, which has been awarded a total prize amounting to Rs. 5 Lakhs for project expenses and startup.

# SWADESHI MICROPROCESSOR CHALLENGE -2020

SPROUTS | NEWS NETWORK

Vivekanand Education Society's Institute of Technology (VESIT), Chembur, Mumbai has qualified in the list of Final 30 Start-ups projects selected in the National Competition "Swadeshi Microprocessor Challenge -2020" organized by the Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC (Center for Development of Advance Computing), IIT Madras, MyGov and MakerVillage under "Self-Reliant Bharat Abhiyan"

Vivekanand Education Society's Institute of Technology (VESIT) has been a well-known educational institute where interdisciplinary research projects are carried out in collaboration with Depts. of Electronics Engineering, Instrumentation engineering, Information Technology etc.

VESIT encourages an interdisciplinary and collaborative research work culture leading to more innovative and stimulating learning environment and enforces new ways of thinking and doing, in ascertaining each individual's knowledge and competences.

**Dr. P. P. Vaidya**
**Dean Research & Development**

**Asma Parveen I. Siddavatam**
**Asst Prof., Dept of IT**

**Ajit T. Patil**
**PG Student, Dept of Instrumentation & Control**

The project entitled "Calibration System for Nuclear Spectroscopy Applications" is the only project selected from Mumbai University which has also been awarded a total prize amounting to Four Lakh Rupees. Earlier in the same competition 100 projects were shortlisted out of more than 6000 projects proposed by different educational institutes, start-ups, R&D centres and Industries in India.

VESIT is the only institute in India whose 03 projects have qualified in the list of selected 100 projects and received funding of One Lakh Rupees each towards creation of start-up and project expenses.

The winner team comprises of Electronics Engineering research scholar working in the Department of Information Technology (Mrs. Asma Parveen I. Siddavatam) along with postgraduate student (Mr. Ajit Tukaram Patil) from Instrumentation and control, mentored by Dean Research and Development (Dr. P. P Vaidya) with an expertise in the field of nuclear electronics and instrumentation under the leadership of Dr (Mrs). J. M. Nair (Principal, VESIT). The proposed project was developed using Swadeshi Microprocessor designed in collaboration with CDAC and IIT, Madras.

- **Alumni Interaction**
- **Aniruddh Joshi**

**Title: Let's take a step towards ultimate wellbeing: Engineer's perspective**

As a VESIT alumni from the course of Information Technology, let me start with "Nonlinear Dynamics". About a year and half ago, one tiny misbehaviour in one part of the world stirred the entire population into a pandemic situation. Such a phenomenon in the Chaos Theory is called the "Butterfly Effect", i.e. sensitive dependence on initial conditions in which a small change in one state of a deterministic nonlinear system can result in large disagreement in a later state.The same also happens in our body, where a minor issue like indigestion, hormonal issue, anger, lack of sleep, etc. can result in a hazardous non-communicable disorder such as diabetes, hypertension, cancer, etc. It is

very important to know these issues way before time to take personalized corrective actions. In the current pandemic period, we have realized the power and need of natural, preventive, and holistic ways to increase immunity. Now it's time we adapt ourselves to our surroundings and use holistic yet AI-based technological inventions for the betterment of life -- when lifestyle diseases and wellness concerns are skyrocketing.

Ayurveda, the 5000-year-old Indian science of life, provides personalized health solutions by understanding the imbalance between Prakruti (body type) and Vikruti (today's condition). The Nadi Pariksha (pulse examination) technique allows experts to reach to the root cause of health issues and address underlying symptoms. It can accurately diagnose physical, mental and emotional imbalances as well as diseases. Further, Ayurvedic techniques reform, strengthen and synchronize connection between nature and human beings. In this age, to take these solutions to millions across the world, it is important to present Ayurveda in today's language of numbers, graphs, gadgets, reports, etc.

In VESIT, my thesis was on the analysis of ECG signals. I worked further on it during my PhD at IIT Bombay on the Ayurvedic pulse signals. Based on that, I built world's first pulse (nadi)-based monitor "Turyaa Wellness". It is a revolutionary, innovative, home-based device that records and monitors the health of your entire family by combining the three disciplines of Ayurveda, Nutrition Science and Data Science. Considering your nature, daily health complaints, place of residence and weather, Turyaa will accordingly guide and plan your day with proper diet, exercise, yoga, sleep and water recommendations.

A unique indigenous technology, its application will make the country 'Atma Nirbhar' in healthcare. It was given the IT Excellence Award by the Ministry of AYUSH in 2018. A couple of months back, we received prestigious DSIR recognition for our in-hour R&D unit. Through the data-based research, for the first time, we showed data-based evidence that the Ayurvedic gunas (10 in our case, 20 in total) show seasonal patterns with respect to Prakruti. We specifically showed that the Jatharagni parameter (responsible for the digestive fire) has higher values in the Shukla paksha (first half of the lunar cycle) as compared to the Krishna paksha;further, it goes down on both the Ekadashis and so on. This clearly states why Indians since ancient times have followed a fasting routine. Through data, we showed how the nadi bala parameter (physical strength) increases with Surya Namaskar. We also showed how the nadi changes when specific vata or pitta or kapha provoking food is consumed for a number of days, and all the above observations are in accordance with references from the ancient texts.

Finally, I would like to say -- What grows from within, should be known from within and also be treated from within. We all are going through a difficult time due to the pandemic and we should understand that it will get more and more difficult moving ahead. So, it is essential that we, our entire family, our society, our country and the globe should be physically, mentally and emotionally strong and healthy. Yoga has been one of the finest gifts of India to the world and Ayurveda is going to be the next. My vision is to improve peoples' lives using the world's best personal, predictive, portable and non-invasive health monitoring system. The best time for technology or digitization in Ayurveda is now. Fitness is okay, wellbeing is next.

- **Shobhit Sinha (Batch : 2010 - 2014)**

  Company : HSBC Software Development Pvt Ltd

  Designation : Consultant Specialist

It’s been almost 8 years since I left VESIT, but all the memories are still fresh in my mind. Those 4 years were one of the best times I have experienced, right from learning new things, have professional attitude to having lot of fun events in the college. The teachers were always helpful in clearing doubts and encouraging in learning new things. I still remember my placement year where in Nagananda Sir had guided everyone with his sessions on how to handle pressure and what kind of attitude a student should have during the interviews. Being part of the placement coordinators committee, I remember on how hard teachers and we use to work to make sure we have high placement percentage and we did achieve that in our year. VESIT was able to attract dream companies and we got a chance to get placed in one of those. It was an amazing journey and its hard to write my four years in few words but it gives me goosebumps whenever I remember those.

## Department Activities

### Second year Orientation

An orientation program was organized to welcome the Second year Students and to provide information on policies, procedures and functioning of the Department. The orientation was conducted on Monday 27th September 2021 at 3 pm on the Google Meet platform. Dr. Shalu Chopra the Head of the Department shared information on various facilities in the department and achievements of Students and Faculty. The students also got introduced to the faculty members of the department.

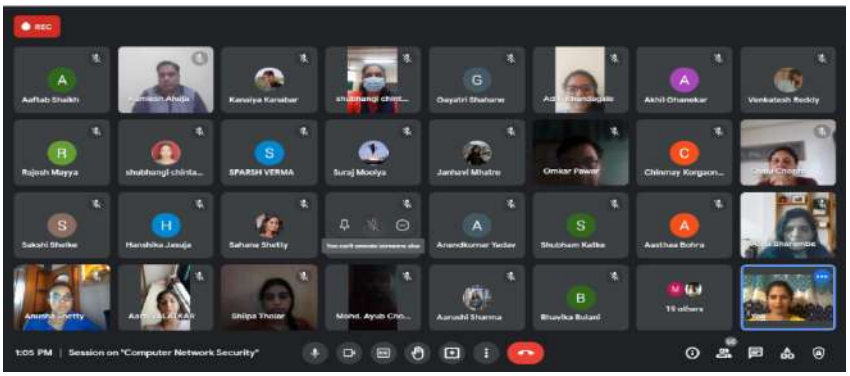
## ● E-disha

**An expert talk by Dr Vikram Patil** from Annasaheb Dange College of Engineering and Technology, Ashta, **Dr Kranti Ghag** from Shah and Anchor Kutchhi Engineering College and **Mrs Dhanashree Toradmalle** from Shah and Anchor Kutchhi Engineering College.Mr. Kamlesh Ahuja **on "IPR, Patenting and How to file Copyright"** was organized by Department of Information Technology under e-Disha and the guidance of VESIT-IQAC, in association with VESIT-IIC on 28th August,2021.The session and workshop was conducted for introducing IPR and the process of copyright. The objective of the session was to:

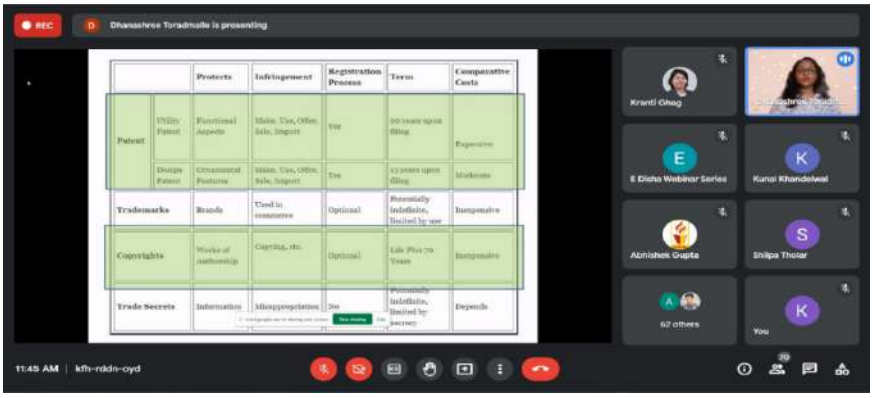
1. Introduce intellectual property and its types
2. Get familiarized with the process of filing a copyright

An expert talk by Mr. Kamlesh Ahuja on "COMPUTER NETWORK SECURITY" was organized by Department of Information Technology under e-Disha and the guidance of VESIT-IQAC, in association with VESIT-IIC on 4th september,2021.The session was conducted to give insights of computer Network Security,Applications of Network Security in industry and Getting familiarized with Different Tools and Certifications in CNS.The participants were able to understand various network Security concepts and they participated in the quiz at the end .Top three Winners of the quiz received prizes from Speaker Mr. Kamlesh Ahuja.

**Computer network security**



**"IPR, Patenting and How to file Copyright"**



## ● V-Reach

V-REACH, an Alumni Engagement Initiative, was conducted at the Institute level, to provide a forum for a series of webinars covering various domains of learning and support outcome-based education and enable knowledge and expertise sharing of alumni for professional development of students. It aimed at actively engaging the stakeholders to expand VESIT's outreach.

V-REACH tried to unlock the Teaching Learning in an innovative way, through its inceptive series of 14 webinars commencing from 2nd to 19th August 2021, which was streamed on VESIT-YouTube channel.

The Department hosted 2 events.

**Event 1 - "Booting Up! Adventures in Entrepreneurship"**

Entrepreneurs are changing the face of our planet today. From launching rockets to championing climate change and social-impact causes. Are entrepreneurs born? Is it a skill that could be learned? Now, more than ever, it's easier to start up! If you believe in your bold ideas and have a vision for a better future, why not consider this as a career-defining journey?
In this talk I share some highs and lows from my experience of "booting up" new ventures. A journey strewn with thrill, challenges, and failures. But also a journey that can be deeply rewarding in terms of immense learning, financial growth, and an opportunity to build a better world. If opportunity doesn't knock, build a door!

**Speaker:** Roshan Kulkarni, Founder and CEO, Mindstix Software Labs, Inc.
Date: 6th August 2021.
Batch: 2013

**Speaker: Roshan Kulkarni**

**Event 2 - "Paradigm Shift "**

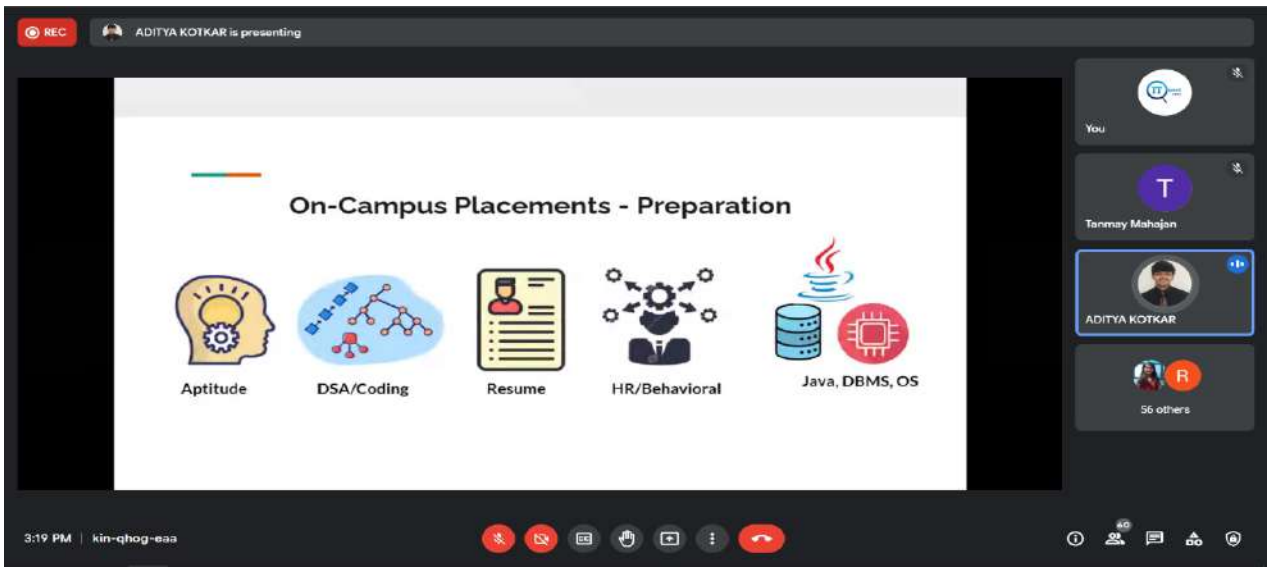
Incorporating engineering technologies like Machine Learning and Artificial Intelligence towards Non-Conventional practices like bond pricing
Speaker: Anish Saraf, J.P. Morgan Chase
Date: 18th August 2021.
Batch: 2013

**Speaker: Anish Saraf, J.P. Morgan Chase**

- **IT Quest**

A new students council was introduced for the Students and by the Students of the Department - QuestIT. QuestIT is a technical cell with a goal to provide a platform for programmers, developers and students of VESIT to learn, compete and have fun through various Technical and Non-Technical Events. The main aim of the council is to help students and make them aware of the necessary things to cope up with the pace of the industry and be well prepared for the challenges that come with it. QuestIT aims to provide quality education that is useful for all the students. QuestIT helps students by conducting seminars, workshops, etc. on the topics students demand the most and help them be a master at that topic.
The Council is backed up by a robust Students and Faculty Committee.
The Council conducted 2 events during the semester.
VESIT Placement, aimed to apprise students of the Placement Process, Approach towards Company, Internships and Freelancing. In this event, the students were informed about the various rounds of Placements such as the Aptitude round, Technical interview round, HR or Behavioral interview round and how to prepare for these rounds and the speaker also shared their personal experience of placements. Lastly, a brief overview on Higher Studies and Off Campus Placements was provided to students.

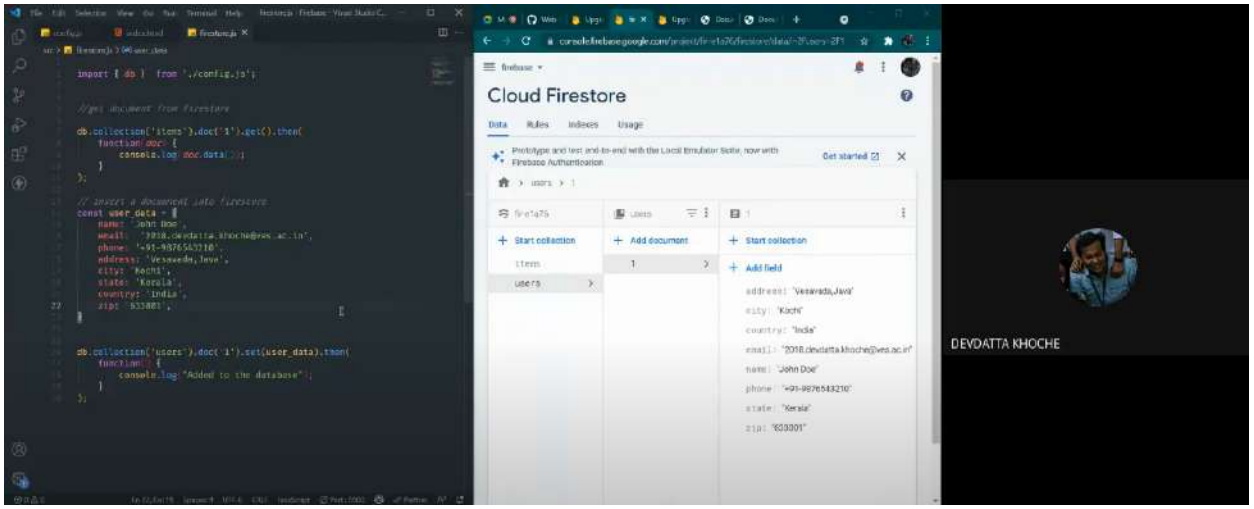
Date: 19 th December 2021 Speakers : Aditya Kotkar




Web Development with FireBase, to explore the concept of having a database on the cloud, about no-SQL databases and the document-based pattern of storing data. The workshop included hands-on application development using HTML and JavaScript which uses Firebase as its backend. Flowed by on the second day was a demonstration of integration of Firebase with React.js and also deploy the React Project with Firebase.

Date: 20 & 22 September 2021

Speakers : Devdatta Khoche, Srajan Shetty




## Workshop and Seminars

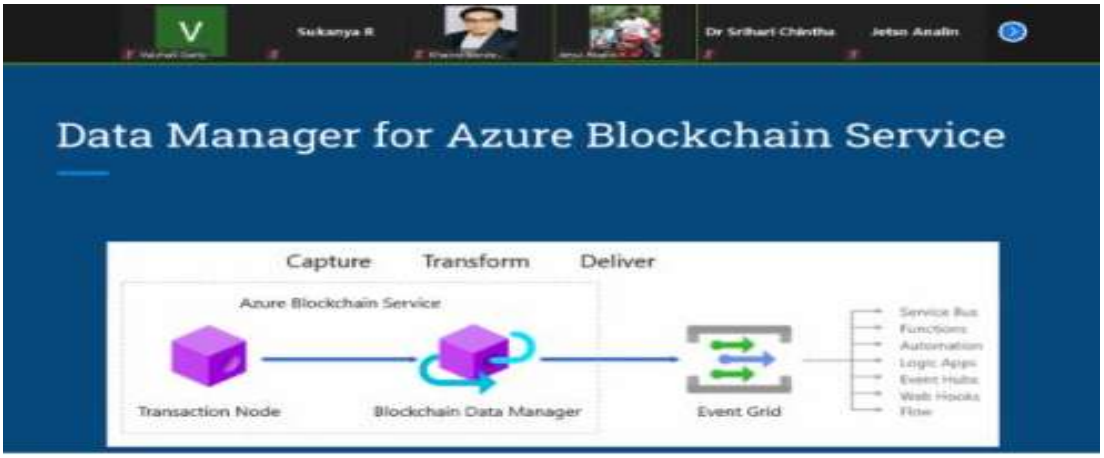
### ● Blockchain Application Development ( Phase 3 and Phase 4)

The AICTE Sponsored Online Short-Term Training Program (STTP) Phase III on “Blockchain Platform and Applications” conducted from 12th - 17th July 2021. Mr. Jetso Analin (Founder of KubixSquare & Co-founder of Code-X), Mr. Vikas H Kumar (Product Manager, Dvara SmartGold)Mr. Soham Zemse (Blockchain Engineer, Blockology) and Dr. T Rajani Mangala (Professor, VES Institute of Technology) like elimination speakers conducted the Training Program.

*Valedictory Function - Phase 3 - 17th July 2021*

**Phase 4**

Phase 4 of the Training Programme was conducted from 16 Aug. to 21 Aug. 2021. The speakers of the session were Dr. Ashish Pandey (Associate Professor, IIT Mumbai) and Mr. BandenawazBagwan (Senior Trainer, Finland Labs).




*Screenshot of Day 5 Session - 1 : Handson*

- **Importance of Corporate Social Responsibility**

On 13 August 2021, the SEL lecture was conducted for the third year INFT students of VESIT. The topic for the lecture was “The Importance of Corporate Social Responsibility and the activities undertaken by SUD Life under CSR”. The guest speakers were Mr. Gnana William who is a Chartered Accountant presently working in Star Union Dai-ichi Life Insurance Company Limited (SUD Life) as Executive Vice President & Head Audit and Mr. Rakesh Kumar is a Company Secretary and Law Graduate in SUD Life as Sr. Vice President.

- **Web Application and Cyber Security**

The session on Web Application and Cyber Security was conducted for the third year students of the department on 18th September 2021 on Google Meet platform. Subject expert Mr. Nayab Falke, Manager IT, The Clearing Corporation Of India Ltd conducted the session.The session outlined a few of the Security Risks involved in Web Application and also various types of Cyber Attacks.

To set the stage, the speaker of the session, first refresh some of the concepts of networking protocols. Emphasised on understanding protocols to tackle security concerns. Further some of the commonly found Cyber Attacks were discussed with demonstration of few of the attacks. The session was concluded by discussing the Best practices to be followed in creating a Robust Web Application.

## STUDENT ACHIEVEMENTS

### April 2021 to Dec. 2021

- **Student Participation/Achievement**

### Class: D20

#### Technical event

- Pooja Prasad of final year has secured 2nd position in Code for Good event held by JPMC in June 2021.
- Anurag Dash has participated in ICPC Asia Amritapuri Doublesight Regional prelims and qualified for regionals among 3500 teams across various colleges across India. He got a rank of 505 in the regionals.
- Anurag Dash of final year has participated in ACM ICPC Doublesite Amritapuri 2020 Preliminary and Regional Round organized by ACM ICPC Amritapuri in August 2021.
- Manju Paryani has participated in e-Yantra Hackathon 2021: Fighting against COVID-19 held in May 2021.
- Divya Kukreja of final year has participated in KakushIn event organized by Nomura in the month of October 2021.
- Kritik Taktewale has a startup named FunkyTurtle where products like printed tees, covers and mugs are being sold online.

#### Non-Technical event

- Kritik Taktewale of final year secured 1st position in esports organized by CSI-VESIT in August 2021.
- Rohit Kundnani of final year secured 1st position in Portfolio scenes of Vesit of Utsav'20 held in May 2021 by the cultural council.
- Sakshi Jetley of final year has secured 1st position in Portrait Making and Mandala Making of Utsav' 20 held in May 2021 by the cultural council.

### Class: D15A

#### Technical events

- Sreekesh Iyer of third year division A secured the Third position in AI Syberathon conducted by VESIT IIC. A secured the Third position in AI Syberathon conducted.
- V Krishna Subramaniam of Third year division A secured the Third position in AI Syberathon conducted by VESIT IIC.

- Kartik Chaurasiya of third year division A participated in the AI Syberathon conducted by VESIT IIC.
- Atharva Gore of third year division A participated in the AI Syberathon conducted by VESIT IIC.
- Khan Riyaz Ahmad Ishraque Ali and V Krishna Subramaniam of third year division A participated in the AI Syberathon conducted by VESIT IIC.

### Non-Technical Event

- Jisha Anna Philip and Mugdha Sholapure of third year division A secured the Second Position in Musical Misfits conducted by the VESIT Music Council.

## Class: D15B

### Technical Events

- Jatin Gogia of third year division B secured 2nd position at Code Knights organized by the Computer Society of India - VESIT.

### Non-Technical Events

- Kristy Makhija of third year division B finished in first place at the Mono Drama organized by the Cultural council of VESIT.

## Class: D10A

### Technical events

- Suleman Mathekar of second year secured 2nd position in Elucimate organised by ISA-VESIT.
- Gaurang Desai of second year secured 2nd position in Elucimate organised by ISA-VESIT.
- Suleman Mathekar of second year secured 3rd position in Awakening the Scientist organised by VESIT.
- Suleman Mathekar of second year had participated in Project SAKSHAM organised by SoRT-VESIT.

### Non-Technical Events

- Samiksha Wadibhasme of second year secured 1st Position in Portrait making at UTSAV 21 organised by the Cultural council of VESIT.
- Gaurang Desai Won best class in Prarambh and Won runner-up best class in Utsav as the Cultural Incharge of the class.
- Manav Tanna of second year played drums in UTSAV 21 organized by Cultural VESIT and also in Octaves organized by Music Council of VESIT.
- Gaurang Desai of second year secured 1st position in Music Video Making Competition in UTSAV 21 organized by Cultural Council of VESIT.
- Gaurang Desai of second year secured 3rd position in Spoof it Competition in Prarambh 21 organized by Cultural Council of VESIT.
- Gaurang Desai of second year secured 3rd position in the Fashion event at Allure organized by the Cultural Council of VESIT.

- Bhavya Kurup of second year secured 2nd position in a Group dance competition organized by the Cultural Council of VESIT.
- Janhavi Deshpande of second year secured 2nd position in Dance event at Prarambh organised by the Cultural Council of VESIT.
- Samartha Rayguru of second year secured 3rd position in the Fashion event at Allure organized by the Cultural Council of VESIT.
- Samartha Rayguru of second year secured 1st position in the SOS event organized by VESIT.

## ● Skill Development Activities

## ● Workshops/Seminars/ Co-curricular Activities

### ● Workshops Attended

### Class: D20

- Sakshi Jetley of final year attended the 3 months workshop on Google Facilitator Program by Google.
- Jayesh Kriplani of final year attended the Django Workshop organized by CSI-VESIT.

### Class: D15A

- Anusha Shetty, Shilpa Tholar of third year division A attended a workshop conducted by CSI VESIT on GIT.
- Anandkumar Yadav of third year division A attended a workshop conducted by Google Developer's Student Club AIKTC on Design to develop.
- Rahul Nailwal, Swarali Patil, Kanaiya Kanabar, Sakshi Kharche of third year division A attended a workshop conducted by VESIT IIC on IPR & Patenting and How to file a copyright.
- Anusha Shetty, Shilpa Tholar of third year division A attended a workshop conducted by CSI VESIT on Node.js
- Shilpa Tholar of third year division A attended a workshop conducted by CSI VESIT on Bootstrap.
- Rohan Prakash Mane of third year division A attended a workshop conducted by QuestIT Cell on Firebase.
- Aditi Khandagale of third year division A attended a workshop conducted by CSI VESIT on Java Development.
- V Krishna Subramaniam, Jisha Anna Philip and Shalaka Waghamale of third year division A attended a workshop conducted by ISTE VESIT on Rest API Development.

- Ajay Kachchela and Sony Hotchandani of third year division A attended a workshop conducted by Shape AI on React.js web development.
- Swarali Patil of third year division A attended an Entrepreneurship bootcamp conducted by IEEE Bombay Section.

## Class: D15B

- Aastha Bohra of third year division B attended the Creative Writing workshop organized by St. Xavier's College.
- Omkar Dnyaneshwar Pawar of third year division B attended the Django workshop organized by the Computer Society of India - VESIT.
- Omkar Dnyaneshwar Pawar of third year division B attended the JavaScript Workshop organized by LinuxWorld.
- Saket Vijay Pagrut of third year division B attended the IPR and Patenting workshop organized by VESIT.

## Class D10A

- Amogh Pujari of second year had attended a workshop on Tkinter desktop application using python organized by VESIT.
- Amogh Pujari of second year had attended a workshop named Hackoctober open source organised by VESIT.
- Manav Jawrani of second year attended a workshop on DSA organised by VESIT.
- Manav Tanna of second year attended a workshop of Web Development With Firebase organized by VESIT.
- Janhavi Deshpande of second year attended a workshop on E-COMMERCE USING SHOPIFY organised by VESIT.
- Janhavi Deshpande of second year attended a workshop on GRAPHUP WITH CHART.JS organised by VESIT.
- Upendra Falak of second year attended a workshop on GRAPHUP WITH CHART.JS organised by VESIT.
- Upendra Falak of second year had attended a workshop on Tkinter desktop application using python organized by VESIT.'
- Abhishek Patil of second year had attended a workshop on Github & Docker website organised by CSI VESIT.
- Atharva Bhoite of second year had attended a workshop on Java Programming organised by CSI VESIT.

- Khushi Mahamunkar of second year attended a workshop on E-COMMERCE USING SHOPIFY organised by VESIT.
- Khushi Mahamunkar of second year had attended a workshop on GRAPHUP WITH CHART.JS organised by VESIT.
- Samartha Rayguru of second year had attended a workshop on Web Development organised by Shape AI.
- Samartha Rayguru of second year had attended a workshop on Web Development organised by Google Developers Group (GDG), Ranchi.

## Class D10B

- Sanskruti Punyarthi of Second Year attended the photography workshop organized by VESLit PhotoCircle at VESIT. In addition, she also attended the DSA (Applications) Workshop organized by VESIT.
- Riddhi Mehta of Second Year attended the workshop, The GSoC Talk organized by VESIT.

- **Courses Attended**

## Class D20

- Pooja Prasad of final year has successfully completed the Fundamentals of Digital Marketing course from Google in September 2021.
- Sameer Keswani of final year has successfully completed Online Live Training in Django 3.x Framework & Django REST API with Kamal Sir from 9th Aug 2021 to 1st Sep 2021.

## Class D15A

- Sreekesh Iyer of third year division A successfully completed a course in Modern HTML and CSS from Udemy.
- Khan Riyaz Ahmad Ishraque Ali successfully completed a course in Web Developer's bootcamp from` Udemy.
- Himanshu Mishra of third year division A Successfully completed a course in HTML CSS and Javascript from Coursera.
- Nidhi Bangera of third year division A successfully completed a course in Data Science Foundation from Great Learning Academy.
- Swarali Patil of third year division A successfully completed the courses, Enhancing Soft skills and Personality from VESIT-NPTEL and Create a Website Using Wordpress : Free Hosting & Sub-domain from Cousera
- Ajay Kachchela of third year division A successfully completed a course in DevOps Fundamentals from Udemy.
- Mugdha Sholapure of third year division A successfully completed a course in Django Framework and Rest API Development from kamal Classes.

- Sakshi Gattani of third year division A successfully completed the courses AI aware and AI Appreciate from Digital India Initiative.

## Class D15B

- Shubham Rawool of third year division B has successfully completed the courses, MYSQL 8.x WITH PL/SQL DATABASE PROGRAMMING, MYSQL 8.x WITH PL/SQL DATABASE PRO GRAMMING and Python with Data Science powered by Kamal Classes.
- Teena Lalwani of third year division B successfully completed the course Work Smarter Not Harder organized by VESIT.
- Omkar Dnyaneshwar Pawar of third year division B successfully completed the courses Flutter tutorial by Udemy, BootStrap 5 Course: The Complete Guide (Step By Step) by Udemy.
- Khushi Hotwani of third year division B successfully completed the course, Work Smarter Not Harder organized by VESIT.
- Aastha Bohra of third year division B successfully completed the Writing and Editing: Word Choice and Word Order course powered by Coursera.

## Class D10A

- Manav Jawrani of second year completed a course in Android Application Development by Great Learning Academy.
- Samiksha Wadibhasme of second year completed a course in Programming Java by Swayam NPTEL.
- Samiksha Wadibhasme of second year Completed a course in Foundations of User Experience (UX) Design by Coursera.
- Manav Tanna of second year completed a course in Python Data Analysis & Visualization by Udemy.
- Sarvesh Patil of second year completed Course in Java Programming by Udemy.
- Sarvesh Patil of second year completed Course in C++ by Udemy.
- Suleman Mathekar of second year completed Course in Developing a company website using Wix (Live project) by Coursera.
- Suleman Mathekar of second year completed Course in Designing Facebook/ IG posts using Canva (Live guided project) by Coursera.
- Suleman Mathekar of second year completed Course in Python data analysis and visualization bootcamp by Udemy.
- Janhavi Deshpande of second year completed a course in Python Data Analysis & Visualization by Udemy.
- Bhavya Kurup of second year completed a course of Introduction to HTML5 by Coursera.
- Bhavya Kurup of second year completed a course in Artificial Intelligence with Machine Learning by Oracle Academy.
- Bhavya Kurup of second year completed a course in Database Foundations by Oracle Academy.

- Abhishek Patil of second year completed a course in Problem solving with Java by Coursera.
- Abhishek Patil of second year completed a course in Java Programming by Oracle Academy.
- Divisha Gupta of second year completed a course in Programming Java by Swayam NPTEL.
- Atharva Bhoite of second year completed a course in Programming Java by Swayam NPTEL.
- Atharva Bhoite of second year completed a course in Core Java by Anubhav Computer Institute.
- Khushi Mahamunkar of second year had completed a course in Introduction to C++ by udemy.
- Khushi Mahamunkar of second year had completed a course Git & Github by udemy.
- Upendra Falak of second year had completed a course in Python Basic by MuCertification.
- Upendra Falak of second year had completed a course in Python Advanced by MuCertification.

### Class D10B

- Bharat Kotwani of Second Year successfully completed the courses, Fundamentals of Deep Learning organized by NVIDIA and The Complete Web Developer course by Udemy.
- Mikil Lalwani of Second Year has successfully completed the courses, Introduction to programming using Python organized by Inmovidu and Ordered Data structure organized by University of Illinois.
- Nandana Nair of Second Year successfully completed the courses, Introduction to Structured Query Language (SQL) from UNIVERSITY OF MICHIGAN
- Riddhi Mehta of Second Year have successfully completed the courses, Java Programming: Solving Problems organized by Duke University and Software and SQL (Basic) organized by HackerRank.
- Mayuri Yerande of Second Year has successfully completed the courses, Introduction to Python powered by Microsoft, Python for every day, organized by University of Michigan and Programming in Java organized by NPTEL (Swayam).
- Rohit Yadav of Second Year has successfully completed the course, Basic Web Development organized by SHAPEAI.

## Industry Interactions

## Industry Projects

## Internships

### Class D20 Internships

- Shubhra Jena of final year was interned as Business Analyst Intern for 1 month at TCS.
- Shreyas Khadapkar of final year interned for 3 months as Full Stack Developer at Postit.
- Rohan Asrani of final year has completed a month's internship at Project Swechchha in June 2021.
- Srajan Shetty of final year has interned as full stack developer at SWAGIT for 6 months.
- Jayesh Kriplani of final year has interned as Data Science and Business Analytics Intern at Sparks foundation for 3 months.
- Devdatta Khoche of final year was interned as backend developer at Redcarpetup Pvt Ltd for 6 months.
- Manju Paryani of final year has completed a one month internship as Machine Learning intern at ECS Academy in the month of June 2021.
- Dharkan Mohinani of final year has successfully completed a month's of Web Development Internship at Grace of Glory Ministry Trust in the month of June 2021.
- Hameet Singh of final year has interned as Software developer at CuriousJr in the month of May 2021.
- Sameer Keswani of final year was interned as Web developer at Sparks foundation for 3 months.
- Praveen Khatri of final year has completed a month's internship as Web developer at Trivia Software's in the month of August 2021.
- Praveen Khatri of final year was interned as Web developer at Sparks foundation for 3 months.
- Soham Patkar of final year was interned as ML intern at Classforma for 3 months.
- Rutuja Rajhans of final year was interned as Web developer for 1 month at Industry Inspire Talks.

## Class D15A Internships

- Sreekesh Iyer of third year division A is currently interning at SUD Life Insurance as a Software Developer.

- Tanmay Mahajan of third year division A interned as a data science intern at Spark's Foundation for one month from 1st July,2021.

- Shreyash Jadhav of third year division A interned as a data science intern at Spark's Foundation for one month from 1st June, 2021.

- Namrata Kataria of third year division A interned as a web development intern at Spark's Foundation for one month from 1st July,2021

- Atharva Gore of third year division A interned as a back-end developer for the Ganit app in collaboration with COEP for Two months from 15th June, 2021.

- Khan Riyaz Ahmad Ishraque Ali of third year division A interned as web developer at Spark's Foundation for one Month from 1st July, 2021.

- Aditi Khandagale of third year division A interned as a full stack developer at Spark's Foundation for one month from 1st July,2021.

- Isha Gawde of third year division A interned as a Graphic Designer and Social Media Handler at Stocc Guru for two months from 20th June, 2021.

- Vinay Kalyani of third year division A interned as a Web Developer at Spark's Foundation for one month from 1st July,2021.

- V Krishna Subramaniam of third year division A is currently interning as a back-end developer at Ganit app in collaboration with COEP and as a full stack developer at VESIT admissions Website.

- Aditya Dubey of third year division A is currently interning as a Python developer at Ganit app in collaboration with COEP.

- Jisha Anna Philip of third year division A interned as an application developer at StoccGuru for two months from 21st June, 2021 and as a Software Testing associate at The Enterpreneurship Network for three months from 15th July,2021.

- Nidhi Bangera of third year of division A interned as a Data Science and business analytics intern at the Spark's Foundation for one month from 1st July,2021.

- Swarali Patil of third year division A interned as a web development intern at Spark's Foundation for one month from 2nd July,2021.
- Aditi Singh of third year division A interned as an AWS cloud computer at Capgemini for 2 months from 16th June and is currently interning as a full stack developer at Swagit from 14th September,2021.

- Bhavika Bulani of third year division A interned as an app developer at VESIT CMS for 3 months from 1st July, 2021 and is currently interning as a teaching volunteer at U&I organization.

- Sreekesh Iyer, Sakshi Kharche of third year division A interned as an app developer at Project Swechcha for one and a half months from 15th June, 2021.

- Sakshi Kharche of third year division A interned as an app developer at VESIT CMS for two months from 31st October,2021.

- Ajay Kachchela of third year division A interned as a web developer at Spark's Foundation for one month from 1st July, 2021 and is currently interning as an app developer at Ganit app in collaboration with COEP from 1st August,2021.

- Sony Hotchandani of third year division A interned as a web developer at the Spark's Foundation for one month from 1st July,2021.

- Akhil Ghanekar of third year division A interned as a Data Science and Business analyst at the Spark's Foundation for one month from 1st July,2021.

- Shalaka Sanjay Waghamale of third year division A is currently interning as a Python Developer at VESIT Renaissance Cell from 25th June,2021 and is currently interning as a Data Analyst at Spark's Foundation from 15th October,2021.

- Mugdha Sholapure of third year division A interned as a Django Developer at Trivia's Software Company for four months from 15th July,2021.

- Chinmay Korgaonkar of third year division A interned as a web developer at IntelliMedia Network for one month from 6th July,2021.

- Sakshi Gattani of third year division A interned as a Web Developer at VESIT Renaissance Cell for 6 weeks from 15th June,2021.

## Class D15 B Internships

- Aarushi Sharma of third year division B Interned as the algorithm developer for Ganit Lab at VRC and as a Business analyst with The Sparks Foundation.

- Omkar Pawar, Ashish Shingade, Bhavya Hingorani, Prathmesh Kesarkar, Deepak Ahuja, Sreekesh Iyer and Sakshi Kharche of third year division B interned as an app developer at Project Swechcha for one and a half months from 15th June, 2021

- Vinay Bhagtani of third year division B interned as web developer at The Sparks Foundation.

- Shubham Rawool of third year division B interned as Python and Django Web Developer with Trivia software's.

- Teena Lalwani of third year division B interned as web developer at The Sparks Foundation.

- Kristy Makhija of third year division B interned with Mad Infotech as a part of their Backend Development team across the period of June-July in 2021.

- Mansi Rangwani of third year division B interned as a Web Developer at “The Sparks Foundation”.

- Aastha Bohra of third year division B successfully completed an internship in SDH NOC and MPLS NOC at RailTel Corporation.

- Khushi Hotwani of third year division B interned as a Web Developer at “The Sparks Foundation”.

### Class D10A Internships

- Manav Tanna of second year had successfully completed an internship in Data analytics and Visualization at Takenmind Technologies.

- Suleman Mathekar of second year had successfully completed an internship in Data analytics and Visualization at Takenmind Technologies.

- Suleman Mathekar of second year had successfully completed an internship in Developing English Proficiency by weCHANGE organisation.

- Upendra Falak of second year had successfully completed an internship in Data analytics and Visualization at Takenmind Technologies.
- Upendra Falak of second year had successfully completed an internship in App Development at Exposys Data Labs.

- Divisha Gupta of second year had successfully completed an internship in App Development at Exposys Data Labs.

- Atharva Bhoite of second year had successfully completed an internship in App Development at Exposys Data Labs.

- Samartha Rayguru of second year had successfully completed an internship Web Development at IEEE committee of KJSIEIT.

- **Project Innovations**

- **LBS**

LBS Championship is an Institute level competition with the purpose of motivating students to come up with new project ideas, which can be converted into real time applications or products. For the current academic year out of the 6 teams participating from the department.

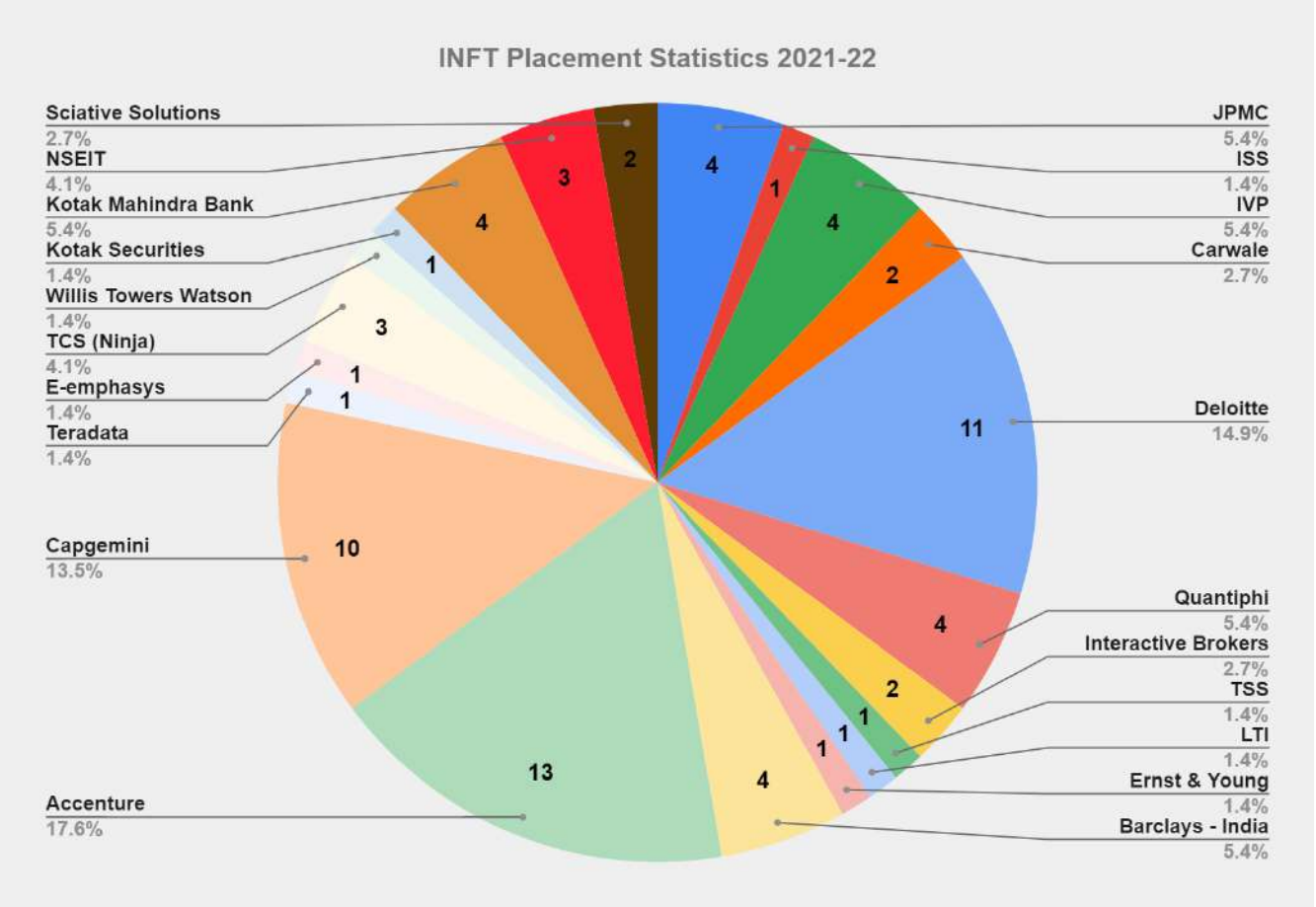
**List of Projects (After 1st round of Elimination):**

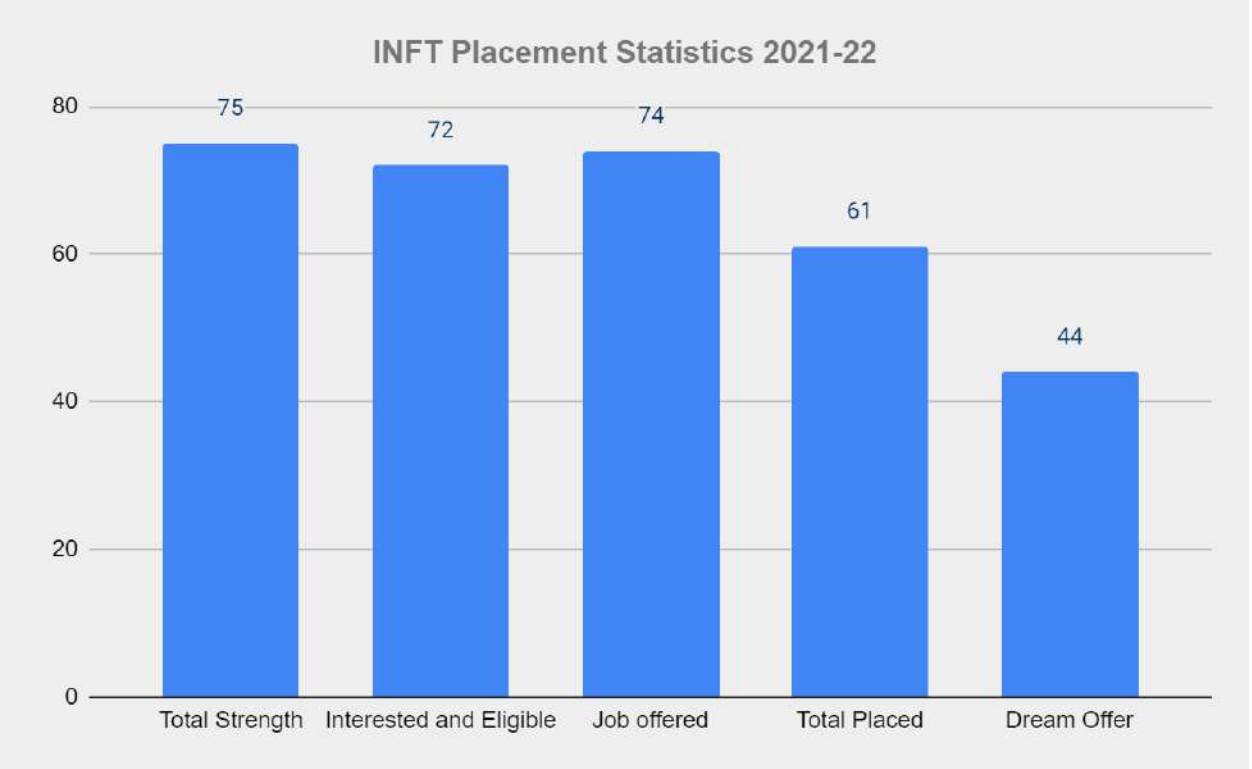
| Sr.No | Student Name | Project Name |
|---|---|---|
| 1 | Bhavya Hingorani , Third year<br>Raghuttam Parvatikar , Third year<br>Sristi Sharma , Third year<br>Rohan Padhye , Third year | **Quality Assurance using Blockchain** |
| 2 | Sakshi Gattani , Third year | **Plant recognition system using Image Classification** |
| 3 | Nupur Jeswani, Third year<br>Mugdha sholapure, Third year | **Healthy Eats** |
| 4 | Omkar Pawar, Third year<br>Adarsh Kadam, Third year<br>Vishnu Mukku, Third year<br>Pranjal Naik, Third year<br>Ketan Bhalerao, Third year | **Demand-Supply Equalizer** |
| 5 | Bhavya Hingorani , Third year<br>Raghuttam Parvatikar , Third year<br>Sristi Sharma , Third year<br>Rohan Padhye , Third year | **Campus Connect** |
| 6 | Nikita Khabya, Second year<br>Janhavi Patil, Second year | **Automating the boring stuff with RPA** |

# Information Technology placement record for the year 2021-22

| Sr. No. | Company | INFT | Salary (LPA) |
|---|---|---|---|
| 1 | JPMC | 4 | 14 |
| 2 | Institutional Shareholder Services (ISS) | 1 | 10 |
| 3 | Forcepoint | 0 | 10.37 |
| 4 | IVP | 4 | 7.52 |
| 5 | Carwale | 2 | 7.5 |
| 6 | Dolat Capital | 0 | 8 |
| 7 | Deloitte | 11 | 7.6 |
| 8 | Quantiphi Analytics Solutions | 4 | 8.5 |
| 9 | Interactive Brokers | 2(1) | 9.35185 |
| 10 | TSS | 1 | 3.5 / 4 / 4.5 / 5 |
| 11 | Elastic Run | 0 | 8 |
| 12 | Apport Software solution Pvt Ltd (QuickSell) | 0 | 15 |
| 13 | LTITL | 1 | 5/6.5 |
| 14 | Ernst & Young | 1 | 5.5 |
| 15 | Barclays - India | 4(1) | 13.73 |
| 16 | Accenture | 13(3) | 4.5/6.5 |
| 17 | Capgemini | 10(4) | 4 |
| 18 | Network Marvels | 0 | 5 |
| 19 | Teradata | 1 | 10.1+0.75 |
| 20 | E-emphasys | 1 | 4.5 |
| 21 | TCS (Ninja) | 3 | 3.36 |
| 22 | Willis Towers Watson | 1(1) | 6 |
| 23 | Duck Creek | 0 | 5 |
| 24 | Alight Solutions | 0 | 5 |
| 25 | Emerson | 0 | 6.5 |
| 26 | Games 24x7 | 0 | 10 |
| 27 | Kotak Securities | 1 | 8+2 |
| 28 | Kotak Mahindra Bank | 4(3) | 8+2 |
| 29 | NSEIT | 3(1) | 4.5/6 |
| 30 | AWS | 0 | 6 |
| 31 | Sciative Solutions | 2 | 4 |
| | | | |
| | Job offered | 74(14) | |
| | Strength(Total) | 75 | |
| | Strength(Interested) | 72 | |
| | Total Placed | 60 | |

| Sr. No. | Company | INFT | Salary (LPA) |
|---|---|---|---|
| | Second (or more) Jobs | 14 | |
| | %Offered (Strength) | 98.67% | |
| | % Offered (Interested) | 102.78% | |
| | %Placed (Interested) | 83.33% | |
| | Minimum Salary | 3.36 lakhs | |
| | Maximum Salary | 15 lakhs | |
| | Average Salary | 7.68 lakhs | |
| | No of Companies | 31 | |




INFT Placement Statistics 2021-22
80
60
40
20
0
75
72
74
61
44
Total Strength
Interested and Eligible
Job offered
Total Placed
Dream Offer

# PROGRAM ASSESSMENT COMMITTEE REPORT

## [AY 2021-22 ODD Sem]

## Based on the results of AY 2020-21 Even Semester

## Suggestions by Internal Program Assessment Committee on 28/09/2021

**Lab work(PR/OR/TW):**

L1: Give more design problems to the students for practicing.

L2: Repeat the practical if required.

L3: Conduct the mock practical/oral before the final practical/oral examination.

L4: Emphasize the timely submission of assignments, tutorials, and lab-work.

**Theory(TH/IA):**

T1: Give more design problems to the students for practicing.

T2: Conduct extra lectures for the weak students.

T3: Get the extra work done as a part of homework from students.

T4: Identify the topics which are difficult to understand from the students points of view and re-explain the same

**After analyzing the results of Semester IV,VI and VIII, the individual staff members were asked to identify the reasons for their failure as well as low score. Also they were asked to take remedial lectures for the needy students.**

**Looking at the results analysis, the above stated points were suggested to the staff members for further improvements in results.**

### Program Assessment Committee Members

1) Dr. Mrs. Shanta Sondur
2) Mrs. Smita Jangale
3) Mr. Manoj Sabnis
4) Mrs. Charusheela Nehete

**Suggestions for improvement of the Results (Based on Result Analysis)**

**Sem IV**

| Subject | Suggestions |
|---|---|
| AM-IV | TH : Overall Good Result<br>IA: Overall Good Result |
| CN | TH : Overall Good Result<br>IA: Overall Good Result |
| OS | TH : Overall Good Result<br>IA: Overall Good Result |
| COA | TH : Overall Good Result<br>IA: Overall Good Result |
| AT | TH : Overall Good Result<br>IA: Overall Good Result |
| Networking Lab | TW: L2,L3,L4 |
| | PR: L1,L2,L3 |
| UNIX Lab | TW: Excellent |
| | PR: Excellent |
| Microprocessor Lab | TW: Excellent |
| | PR: Excellent |
| Python Lab | TW: Excellent |
| | PR: Excellent |
| Mini Project | TW: Excellent |
| | OR: Excellent |

**Sem VI**

| Subject | Suggestions |
|---|---|
| SEPM | TH: T1,T2,T3,T4<br>IA->Excellent |
| DMBI | TH: Good<br>IA -> Excellent |
| CCS | TH: Excellent<br>IA: Excellent |
| WN | TH: Excellent<br>IA: Excellent |
| Elective | TH: Excellent<br>IA: Excellent |
| Software Design Lab | TW: L2,L3,L4 |
| | PR/OR: L1,L2,L3 |
| Business Intelligence Lab | TW: L2,L3,L4 |
| | PR/OR: L1,L2,L3 |
| Cloud Service Design | TW: Excellent |
| | PR/OR: Excellent |
| Sensor Network Lab | TW: Excellent |
| | PR/OR: Excellent |
| Mini Project | TW: Excellent |
| | PR/OR: Excellent |

**Sem VIII**

| Subject | Suggestions |
|---|---|
| BDA | TH: T1,T2,T3,T4<br>IA->Excellent |
| IOE | TH: Excellent<br>IA: Excellent |
| ERP | TH: Excellent<br>IA: Excellent |
| UID | TH: Excellent<br>IA: Excellent |
| PM | TH: Excellent<br>IA: Excellent |
| FM | TH: Excellent<br>IA: Excellent |
| IOEL | TW: L2,L3,L4 |
| | PR/OR: L1,L2,L3 |
| BDL | TW: Excellent |
| | PR/OR: L1.L2.L3 |
| Dev Opps Lab | TW: Excellent |
| | PR/OR: Excellent |
| R-Programming Lab | TW: Excellent |
| | PR/OR: Excellent |
| Project-II | TW: Excellent |
| | PR/OR: Excellent |

**Result Analysis AY 2020-21 - Sem IV**

| Subject Name | Evaluation Tool | Total Students | Average Marks | >= 70 % | >= 60 % and <70% | >= 50 % and <60% | >= 40 % and <50% | < 40 % |
|---|---|---|---|---|---|---|---|---|
| AM - IV | ESE | 140 | 70.78 | 138 | 1 | 0 | 1 | 0 |
| | IA | 140 | 16.68 | 130 | 7 | 1 | 2 | 0 |
| | Theory (Total) | 140 | 87.46 | 138 | 1 | 0 | 1 | 0 |
| CN | ESE | 140 | 64.32 | 132 | 6 | 2 | 0 | 0 |
| | IA | 140 | 19.03 | 140 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 140 | 83.35 | 136 | 3 | 1 | 0 | 0 |
| OS | ESE | 140 | 58.13 | 108 | 25 | 5 | 2 | 0 |
| | IA | 140 | 18.24 | 138 | 1 | 1 | 0 | 0 |
| | Theory (Total) | 140 | 76.37 | 128 | 10 | 0 | 2 | 0 |
| COA | ESE | 140 | 69.76 | 140 | 0 | 0 | 0 | 0 |
| | IA | 140 | 16.51 | 139 | 1 | 0 | 0 | 0 |
| | Theory (Total) | 140 | 86.27 | 139 | 1 | 0 | 0 | 0 |
| AT | ESE | 140 | 65.21 | 136 | 3 | 1 | 0 | 0 |
| | IA | 140 | 19.7 | 140 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 140 | 84.91 | 139 | 1 | 0 | 0 | 0 |
| Networking Lab | Term Work | 140 | 20.76 | 133 | 5 | 2 | 0 | 0 |
| | OR/PR | 140 | 20.88 | 127 | 5 | 6 | 2 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Unix Lab | Term Work | 140 | 21.51 | 132 | 7 | 1 | 0 | 0 |
| | Practical | 140 | 21.34 | 133 | 6 | 1 | 0 | 0 |
| Microprocessor Programming Lab | Term Work | 140 | 21.53 | 136 | 4 | 0 | 0 | 0 |
| | Practical | 140 | 22.04 | 140 | 0 | 0 | 0 | 0 |
| Python lab | Term Work | 140 | 22.01 | 139 | 1 | 0 | 0 | 0 |
| | Practical | 140 | 21.55 | 138 | 2 | 0 | 0 | 0 |

**Result Analysis AY 2020-21 – Sem VI**

| Subject Name | Evaluation Tool | Total Students | Average Marks | >= 70 % | >= 60 % and <70% | >= 50 % and <60% | >= 40 % and <50% | < 40 % |
|---|---|---|---|---|---|---|---|---|
| SEPM | ESE | 74 | 54.53 | 34 | 35 | 5 | 0 | 0 |
| | IA | 74 | 17.04 | 74 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 74 | 71.57 | 45 | 28 | 1 | 0 | 0 |
| DMBI | ESE | 74 | 66.24 | 73 | 1 | 0 | 0 | 0 |
| | IA | 74 | 18.51 | 74 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 74 | 84.76 | 74 | 0 | 0 | 0 | 0 |
| CCS | ESE | 74 | 63.76 | 70 | 4 | 0 | 0 | 0 |
| | IA | 74 | 19.41 | 74 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 74 | 83.16 | 74 | 0 | 0 | 0 | 0 |
| WN | ESE | 74 | 62.5 | 71 | 3 | 0 | 0 | 0 |
| | IA | 74 | 19.85 | 74 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 74 | 82.35 | 74 | 0 | 0 | 0 | 0 |
| ELECTIVE | ESE | 74 | 67.08 | 73 | 1 | 0 | 0 | 0 |
| | IA | 74 | 18 | 74 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 74 | 85.08 | 73 | 1 | 0 | 0 | 0 |
| SOFTWARE DESIGN LAB | Term Work | 74 | 19.36 | 61 | 7 | 3 | 3 | 0 |
| | OR/PR | 74 | 19.62 | 64 | 7 | 1 | 2 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BUSINESS INTELLIGENCE LAB | Term Work | 74 | 19.58 | 60 | 9 | 1 | 4 | 0 |
| | Practical | 74 | 20.03 | 65 | 8 | 0 | 1 | 0 |
| CLOUD SERVICE DESIGN LAB | Term Work | 74 | 20.86 | 72 | 1 | 0 | 1 | 0 |
| | Practical | 74 | 19.88 | 72 | 2 | 0 | 0 | 0 |
| SENSOR NETWORK LAB | Term Work | 74 | 22.34 | 74 | 0 | 0 | 0 | 0 |
| | Practical | 74 | 21.78 | 74 | 0 | 0 | 0 | 0 |
| MINI PROJECT | Term Work | 74 | 22.12 | 70 | 4 | 0 | 0 | 0 |
| | Practical | 74 | 21.86 | 70 | 4 | 0 | 0 | 0 |

**Result Analysis AY 2020-21 – Sem VIII**

| Subject Name | Evaluation Tool | Total Students | Average Marks | >= 70 % | >= 60 % and < 70% | >= 50 % and <60% | >= 40 % and <50% | < 40 % |
|---|---|---|---|---|---|---|---|---|
| BDA | ESE | 73 | 70.07 | 72 | 1 | 0 | 0 | 0 |
| | IA | 73 | 17.49 | 71 | 0 | 2 | 0 | 0 |
| | Theory (Total) | 73 | 87.56 | 72 | 0 | 1 | 0 | 0 |
| IOE | ESE | 73 | 63.62 | 71 | 2 | 0 | 0 | 0 |
| | IA | 73 | 19.86 | 73 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 73 | 83.48 | 73 | 0 | 0 | 0 | 0 |
| ERP | ESE | 25 | 71.88 | 25 | 0 | 0 | 0 | 0 |
| | IA | 25 | 19.76 | 25 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 25 | 91.64 | 25 | 0 | 0 | 0 | 0 |
| UID | ESE | 48 | 68.56 | 48 | 0 | 0 | 0 | 0 |
| | IA | 48 | 18.94 | 48 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Theory (Total) | 48 | 87.5 | 48 | 0 | 0 | 0 | 0 |
| PM | ESE | 28 | 71.71 | 28 | 0 | 0 | 0 | 0 |
| | IA | 28 | 18.21 | 28 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 28 | 89.93 | 28 | 0 | 0 | 0 | 0 |
| FM | ESE | 45 | 72.78 | 44 | 1 | 0 | 0 | 0 |
| | IA | 45 | 18.44 | 45 | 0 | 0 | 0 | 0 |
| | Theory (Total) | 45 | 91.22 | 45 | 0 | 0 | 0 | 0 |
| BDL | Term Work | 73 | 21.27 | 64 | 9 | 0 | 0 | 0 |
| | OR/PR | 73 | 20.1 | 67 | 4 | 2 | 0 | 0 |
| IOEL | Term Work | 73 | 19.34 | 49 | 19 | 1 | 4 | 0 |
| | Practical | 73 | 19.3 | 61 | 8 | 4 | 0 | 0 |
| Devops Lab | Term Work | 73 | 21.68 | 73 | 0 | 0 | 0 | 0 |
| | Practical | 73 | 21.66 | 73 | 0 | 0 | 0 | 0 |
| R Programming Lab | Term Work | 73 | 22.14 | 73 | 0 | 0 | 0 | 0 |
| | Practical | 73 | 22.05 | 73 | 0 | 0 | 0 | 0 |
| Project-II | Term Work | 73 | 90.4 | 70 | 3 | 0 | 0 | 0 |
| | Total | 77 | 91.83 | 77 | 0 | 0 | 0 | 0 |

VIVEKANAND EDUCATION SOCIETY'S

INSTITUTE OF TECHNOLOGY

**Department of Humanities and Applied Sciences**

**Academic Year 21-22(July21-December 21)**

The Department of Applied Sciences and Humanities teaches and promotes practical aspects of Applied Sciences and Humanities to build a solid foundation as part of the Engineering Education. It plays an instrumental role in the life of students aspiring to be engineers. This department nurtures the first year students and gradually they are initiated and introduced to the basic requirements of an engineer. The department equips them with both scholastic knowledge and practical experience. It is this integration that makes engineering critical to successful industrial innovation. The department has also introduced the Awakening the Scientist Program, where students integrate scientific principles with practically oriented research, which in turn, create ways of acquiring new knowledge in themselves.

## FACULTY CONTRIBUTION

- **Workshop/Courses Conducted by Faculties**

| Sr. No. | Conducted by | Course Description | Organized by | Date | Number of days |
|---|---|---|---|---|---|
| 1 | Dr. Sushil Dhuldhar and Dr. Pooja Kundu | Workplace Communication | VESIT Admission Cell | 25 September 2021 | 01 |

**Courses Attended by Faculty**

| SrNo. | Name of the faculty | Course Description | NPTEL/Coursera | Period | Score |
|---|---|---|---|---|---|
| 1. | Dr. Keya Doshi | Data Science Math skills | An online non credit course organized by DUKE University and offered through Coursera | 4 week | 88.46% |
| 2 | Dr Maya Bhat | Chemistry and Physics surfaces and interfaces | NPTEL,IIT Kanpur | 8 Weeks | 58% |

**Research Forum Activities**

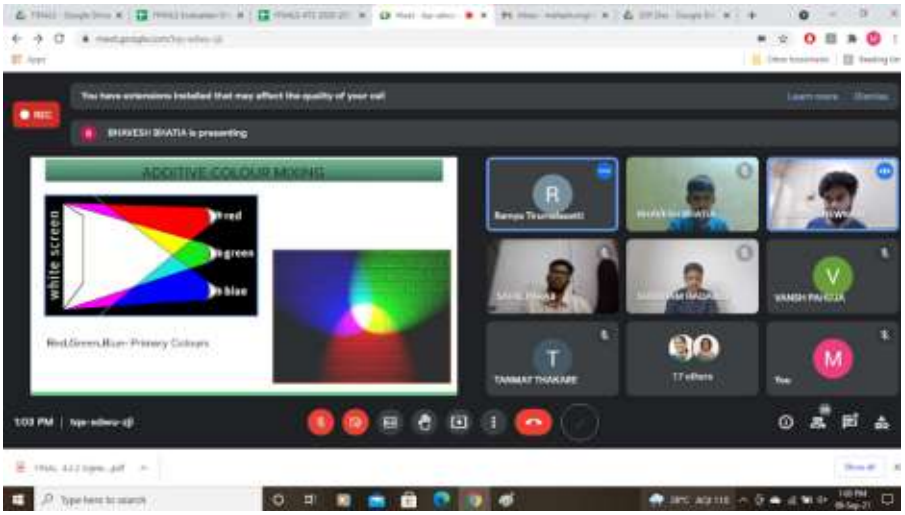
**Minor Research Grant Proposal**

| | Name of Faculty | Title of Project | Domain | Sanctioned Amount |
|---|---|---|---|---|
| 1 | Dr Maya Bhat | Preparation and Characterization of complexes of Cetyl trimethylammonium bromide with Butyl benzene sulphonates without inherent salt | Chemistry(Project submitted) | 40000/- |

## STUDENT ACHIEVEMENTS

**Students' Participation**

| S.No. | Name of Activity | Faculty members involved | Date | No of student participants |
|---|---|---|---|---|
| 1 | Awakening the Scientist | Mr. Vijay,Ms.Ramya, Mr.Mahesh | 8/9/21 | 84 |




**Students' presenting their ideas during ATS event**

**Workshop Conducted on Workplace Communication in Language Lab for Non Teaching Staff on 25 September 2021**

# Vivekanand Education Society's Institute of Technology

# Department of MCA

## Department Report

**FACULTY CONTRIBUTION**

| Courses Conducted by Faculties Orientation Programs/FDPs | | | | |
|---|---|---|---|---|
| **Conducted By** | **Course description** | **Organized by** | **Date** | **Number of days** |
| Department of MCA | Orientation is organized for First year MCA Students( Batch 2021-2023) AY 2021-2022 | Department of MCA | 30th December 2021 | 1 Day |
| Dr. Shiv kumar Goel | Universal Human Values | Welinker Institute of Management development and Research Matunga Mumbai | 17 -18 July 2021 | 2 Days |
| Dr. Dhanamma Jagli | MCAE332 - Deep Learning (Theory& Lab) Orientation Programme | VESIT, BVIMIT & MU | 29/10/2021 | 1 Day |

- **Workshop/Courses Conducted by Faculties**

| FDPsWorkshop/Courses/Seminars Conducted by Faculty | | | | |
|---|---|---|---|---|
| **Conducted By** | **Course description** | **Organized by** | **Date** | **Number of days** |
| Dr. Shiv kumar Goel | UHV: Basic Human Aspration for Second Year Third Year | MCA Dept SPICE | 13-11-2021 (Second Year)11-12-21(Third Year) | |
| Dr. Dhanamma Jagli | Under the guidance of Internal Quality Assurance Cell (IQAC) & In collaboration with Mumbai University<br>Approved by Adhoc Board of Studies Organizes Two Day Online FDP on Deep Learning using Python. | MCA, University of Mumbai Vivekanand Education Society's Institute Of Technology, Department of MCA | 29/10/2021 & 30/10/2021 | 2 Days |
| Ameya Parkar | Online Working Environment | Exam Department VESIT | 29/09/21 | 1 |

| | | | | |
|---|---|---|---|---|
| Vaishali Gatty | AICTE sponsored STTP on Blockchain & It's Applications Phase 3 | Dept of IT ,CMPN and MCA VESIT | 12th- 17th July 2021 | 1 Week |
| Vaishali Gatty | AICTE sponsored STTP on Blockchain & It's Applications Phase 3 | Dept of IT ,CMPN and MCA VESIT | 16th-21st August 2021 | 1 Week |

| **FDP/STTP/Workshop Attended by Faculty** | | | | | |
|---|---|---|---|---|---|
| **Name Of Faculty** | **Title of the linkage** | **Name of the partnering institution/ industry /research lab with contact details** | **Year of commencement** | **Duration (From-To)** | **Nature of linkage** |
| Dr.Ramesh Solanki | Workshop | SIES College Of Management Studies | 2021 | 20th and 21st Jan 2021. | Two day online Workshop on Angular JS and Node Js |
| Dr.Ramesh Solanki | FDP | Bharati Vidyapeeth's Institute of Management and Information Technology | 2021 | 3rd and 4th February 2021. | Online FDP On ADVANCED JAVA |
| Dr.Ramesh Solanki | Workshop | AICTE | 2021 | 9th February 2021 | 360 degree feedback |
| Dr.Ramesh Solanki | STTP | AICTE sponsored(VESIT) | 2021 | 29th March 2021 to 3rd April 2021 | Blockchain and Its Applications (Phase - I) |
| Dr.Ramesh Solanki | STTP | AICTE sponsored(VESIT) | 2021 | 26th April 2021 to 1st May 2021 | Blockchain and Its Applications (Phase - II) |
| Dr.Ramesh Solanki | FDP | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC). | 2021 | 29th May 2021 | Online FDP On ML with Python |
| Sunny Nahar | STTP | AICTE sponsored(VESIT) | 2021 | 29th March 2021 to 3rd April 2021 | Blockchain and Its Applications (Phase - I) |
| Sunny Nahar | STTP | AICTE sponsored(VESIT) | 2021 | 26th April 2021 to 1st May 2021 | Blockchain and Its Applications (Phase - II) |
| Vaishali Gatty | Workshop | SIES College Of Management Studies | 2021 | 20th and 21st Jan 2021. | Two day online Workshop on Angular JS and Node Js |

| | | | | | |
|---|---|---|---|---|---|
| Vaishali Gatty | FDP | Bharati Vidyapeeth's Institute of Management and Information Technology | 2021 | 3rd and 4th February 2021. | Online FDP On ADVANCED JAVA |
| Vaishali Gatty | Workshop | AICTE | 2021 | 9th February 2021 | 360 degree feedback |
| Vaishali Gatty | STTP | AICTE sponsored(VESIT) | 2021 | 29th March 2021 to 3rd April 2021 | Blockchain and Its Applications (Phase - I) |
| Vaishali Gatty | FDP | MET institute of computer science & University of Mumbai | 2021 | 8th-9th May 2021 | Network Analysis using NS3 and Wireshark |
| Dr (Mrs) Meenakshi Garg | STTP | AICTE | 2021 | May 3rd - 8th, 2021 | IoT and Machine Learning" (Series-III) |
| Dr (Mrs) Meenakshi Garg | FDP | MET institute of Computer Science and University Of Mumbai | 2021 | 8th- 9th May 2021. | Network Analysis using NS3 and wireshark |
| Dr (Mrs) Meenakshi Garg | FDP | VESIT IQAC and University of Mumba | 2021 | 29th May 2021. | Machine Learning with Python |
| Dr (Mrs) Meenakshi Garg | FDP | K C Engineering College | 2021 | 7th June 2021 to 9th June 2021. | Research Funding and IPR (part II) |
| Sangeeta oswal | STTP | Usha Mittal Institute of Technology | 2021 | 21st to 26 June ,2021 | Natural Language Processing with Google AI and Dialog Flow and its applications |
| Sangeeta oswal | STTP | AICTE sponsored(VESIT) | 2021 | 29th March 2021 to 3rd April 2021 | Blockchain and Its Applications (Phase - I) |
| Mona Deshmukh | FDP | Sambalpur University Institute of Information Technology (SUIIT), Burla, Odisha, India | | 27th March – 1st April 2021 | One Week International Seminar on Electronics and Computing Technology (ISECT -2021), |

| Faculty Name | Course description | Organized by | Date | Duration |
|---|---|---|---|---|
| Dr. Dhanamma Jagli | 5-day online FDP on Inculcating Universal Human Values in Technical Education | AICTE | 2 August, 2021 to 6 August, 2021 | 5 Days |

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| Dr. Dhanamma Jagli | Online Training Programme on “Open Educational Resources and Libraries” | NITTTR Chennai | 23.08.2021 to 27.08.2021 (One Week) | 1 Week |
| Dr. Dhanamma Jagli | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Productivity Enhancement through Effective Stress Management" . | AICTE & Indian Institute of Technology Guwahati. | 15/10/2021 to 19/10/2021 | 1 Week |
| Dr. Dhanamma Jagli | National Level Online One Week Virtual Workshop On “Personality Development” | the Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra. | 18 th August -25 thAugust 2021. | 1 Week |
| Dr. Dhanamma Jagli | National Level Online One Week Virtual Training On “Sales Force Technology-Admin " | the Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra. | 4 th to 11th September 2021. | 1 Week |
| Dr. Dhanamma Jagli | National Level Online One Week Virtual Workshop On “Personality Development” organized by from 1 | Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra | 8 th August -25 thAugust 2021. | 1 Week |
| Dr. Dhanamma Jagli | National Level Online One Week Virtual Training On “Sales Force Technology-Admin " | Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra | 4 th to 11th September 2021. | 1 Week |

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|---|---|---|---|---|
| Dr. Dhanamma Jagli | the Two-Day workshop on 'Improving Research & Performance Outcomes' at Elsevier's Zoom Webinar, on Thursday 19 August, 2021 Presented by Vishal Gupta Senior Customer Consultant, Lavanya Trikha Inside Solution Manager organized by Researcher Academy On Campus. | Elsevier's Zoom Webinar, | Thursday 19 & 20 August, 2021 | 2 Days |
| Dr. Dhanamma Jagli | has undergone Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by AICTE during the period in online mode. | MoE's Innovation Cell & AICTE | 30 thJune - 30 thJuly 2021 | 1 Month |
| Dr. Dhanamma Jagli | ACADEMIC LEADERSHIP16-11 -2021 | NITTR Bhopal | 16-11-2021 | 1 Day |
| Dr. Dhanamma Jagli | Research Talk on “Exploring Patenting through Research” | Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, | 30th July 2021. | 1 Day |
| Dr. Dhanamma Jagli | "Breaking the Glass Ceiling:Placements Beyond Campus" | V-Reach program under VESIT-IQAC C | 02nd August, 2021 | 1 Day |
| Dr. Dhanamma Jagli | e-Session on Design Thinking: A Tool for Problem Solving -Project to Product | organized by Dept of Electronics and Telecom Engineering in Association with VESIT- Institution’s Innovation Council (IIC) and VESIT-IQAC | 44403 | 1 Day |

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|---|---|---|---|---|
| Dr. Dhanamma Jagli | International webinar on the theme of “Changing Face of Digital Era & Panel discussion on “Women in Computer Science –Then and Now” | conducted by the Satish HawareComputer Education Centre(CEC) of IWSA | 26 th September 2021 | 1 Day |
| Dr. Dhanamma Jagli | E-Session on Start-up and Fund Raising conducted | Department of Master of Computer Applications(MCA) In association with VESIT IQAC and IIC | 27th July 2021 | 1 Day |
| Dr. Dhanamma Jagli | Booting up Adventure Enterprenership | Vreach, VESIT IQAC&IIC | 6th August 2021 | 1 Day |
| Dr. Dhanamma Jagli | E-Session on Mentoring | Department of MCA ,VESIT IQAC&IIC | 8th January 2022 | 1 Day |
| Dr. Dhanamma Jagli | E-Session on Entrepreneurship as a Career | Department of MCA ,VESIT IQAC&IIC | 4th January 2022 | 1 Day |
| Dr. Dhanamma Jagli | E-Session onSustainable Development Goals | Vreach, SoRT ,VESIT IQAC&IIC | 10th January 2022 | 1 Day |
| Dr. Dhanamma Jagli | Innovation & Creativity session | Vivekanand Education Society’s Institute of Technology In association with VESIT IQAC and IIC | 13th January 2022 | 1 Day |
| Dr. Dhanamma Jagli | Innovation Festival 2022 | Turnip Innovations | 22nd January 2022 | 1 Day |
| Dr. Ramesh Solanki | BLOCKCHAIN & IT’S APPLICATIONS (Phase – IV) | Department of Information Technology in association with Departments of Computer Engineering & Master of Computer Applications under the guidance of VESIT IQAC & VESIT IIC. | 16th Aug to 21st Aug-21 | one Week |

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|---|---|---|---|---|
| Dr. Ramesh Solanki | "Cyber Security" | AICTE Training And Learning (ATAL) Academy Online Elementary FDP | 2021-07-05 to 2021-07-09 | one Week |
| Dr. Ramesh Solanki | “Deep Learning using Python” | Department of MCA under the guidance of VESIT IQAC & Approved by Ad-hoc Board of Studies in MCA, University of Mumbai | 29th & 30th October 2021 | two days |
| Dr. Ramesh Solanki | Mobile Computing-Flutter held on 8th October 2021. | One day Faculty Development Programme organized by Hiray Institute of Computer technology in association with Ad-hoc BOS University of Mumbai MCA | 8th October 2021. | one Day |
| Ameya Parkar | FDP on "Innovative thinking and Research writing: A New Paradigm" | Research and development MRIET | 20 Nov 2021 to 26 Nov 2021 | one week |
| Ruchi Rautela | FDP on "Cyber Security" | Vivekanand Education Society's Institute Of Technology. | 5 July 2021 to 9 July 2021 | one Week |
| Ruchi Rautela | Distributed System and Cloud Computing | Bharti Vidyapeeth's Institute of Management and Information Technology & VIVA Institute of Technology | 25-Sep-21 | one Day |
| Ruchi Rautela | Cloud computing using Microservice architecture | Vivekanand Education Society’s Institute of Technology In association with VESIT IQAC and IIC | 05-Aug-21 | 1 Day |
| Ruchi Rautela | "Breaking the Glass Ceiling:Placements Beyond Campus" | V-Reach program under VESIT-IQAC C | 02nd August, 2021 | 1 Day |
| Ruchi Rautela | Work Life Balance (Enterpreunership and choosing career) | V-Reach program under VESIT-IQAC C | 10-Aug-21 | 2 Day |

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| Vaishali Gatty | “Deep Learning using Python” | Department of MCA under the guidance of VESIT IQAC & Approved by Ad-hoc Board of Studies in MCA, University of Mumbai | 29th & 30th October 2021 | two days |
| Vaishali Gatty | Mobile Computing-Flutter held on 8th October 2021. | One day Faculty Development Programme organized by Hiray Institute of Computer technology in association with Ad-hoc BOS University of Mumbai MCA | 8th October 2021. | one Day |
| Vaishali Gatty | Online FDP on ‘Role of Blockchain Technology in India-An insight into public sector’ | AICTE Training And Learning (ATAL) Academy Online Elementary FDP & IRTT ERODE | 22 Nov to 26 th Nov 2021 | one Week |

| **Conference Attended** | | | | | |
|---|---|---|---|---|---|
| **Name Of Faculty** | **Title of the linkage(Seminar/Conference)** | **Name of the partnering institution** | **Year of commencement** | **Duration (From-To)** | **Nature of linkage** |
| Mrs.Mona Deshmukh | International Conference on ubiquitous computing and intelligent information systems [ICUIS 2021] | Shree Venkateshwara Hi-Tech Engineering College,Erode ,TN India. | 2021 | april 16-17 | International Conference,Erode ,TN |

| **Certification** | | | | | |
|---|---|---|---|---|---|
| **Name Of Faculty** | **Title Of certification** | **Duration (weeks)** | **Date (from)** | **Date (to)** | **Conducting Authority** |
| Dr.Ramesh Solanki K | Information Security: Context and Introduction | 5 Week | 22nd March 21 | 27th March 2021 | 27th March 2021 |

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|---|---|---|---|---|---|
| Mrs.Mona Deshmukh | “Blockchain: Business Foundations and Solution Architectures” | 1 week | 22/3/2021 | 26/3/2021 | QIP CENTER INDIAN INSTITUTE OF TECHNOLOGY INDORE |
| Mrs.Mona Deshmukh | Electronics and Computing Technology (ISECT -2021), | 1 week | on 27th March – 1 | 1st April 2021 | Department of Electronics, Sambalpur University Institute of Information Technology (SUIIT),Burla , Odisha, INDIA. |
| Sangeeta Oswal | NVIDIA DLI Certified for course " Fundamentals of Deep Learning" | | 7th Feb 2021 | 7th Feb 2021 | NVIDIA |
| Dr.Ramesh Solanki K | Information Security: Context and Introduction | 5 Week | 22nd March 21 | 27th March 2021 | Coursera |

- **NPTEL Certifications**

| **NPTEL Certifications** | | | |
|---|---|---|---|
| **Name of the Faculty** | **NPTEL Course Description** | **Organized by** | **Period** |
| Dr. Dhanamma Jagli | Create Charts and Dashboard using Google Sheets | an online non-credit course authorized by Coursera Project Network and offered through Coursera | Nov-21 |

- **SEL/NPTEL/POGIL conducted**

| **SEL/NPTEL/POGIL/ Etc.** | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Class and Shift** | **Name of Program (Title):** | **Program Type** | **Date** | **Internal Participants (Students):** | **Faculty Name** | **Resource Person Name and Affiilation** | **Subject** |
| First Year /Division A | Quiz on Firewalls | QUIZ | 26/07/2021 | 59 | Vaishali Gatty | - | Information Security |
| First Year /Division A | QUIZ Based on UNIT 4,5 & 6 | QUIZ | 26/07/2021 | 61 | Vaishali Gatty | - | Information Security |

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|---|---|---|---|---|---|---|---|
| First Year /Division A | Quiz on Unit 3 | QUIZ | 15/07/2021 | 59 | Vaishali Gatty | - | Information Security |
| First Year /Division A & B | QUIZ Based on UNIT 3 & 4 | QUIZ | ###### | 83 | Ramesh Solanki | - | IOT |
| First Year /Division A & B | QUIZ Based on UNIT 4,5 & 6 | QUIZ | 16/07/2021 | 92 | Ramesh Solanki | - | IOT |
| First Year /Division B | Introduction to AI | NPTEL | 18/3/2021 | 62 | Dr.Dhanamma Jagli | Dr. Sudeshna Sarkar IIT Khargpur | AIML |
| First Year /Division B | Linear REgression | NPTEL | 25/6/2021 | 62 | Dr.Dhanamma Jagli | Dr. Sudeshna Sarkar IIT Khargpur | AIML |
| First Year /Division B | Expectation Maximization Algorithm with Example | NPTEL | 15/6/2021 | 62 | Dr.Dhanamma Jagli | Dr. Sudeshna Sarkar IIT Khargpur | AIML |
| Second Year First Shift | AWT QUIZ | QUIZ | 28/4/2021 | 40 | Vaishali Gatty | - | Advanced Web Technology |

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|---|---|---|---|---|---|---|---|
| Second Year First Shift | Bezier Curve concepts and problems Solving | SEL | 24/03/2021 | 42 | Sunny Nahar | Mr. Girish Patil, EKeeda, You-tuber | Computer Graphics |
| Second Year First Shift | 3D Object Representation | SEL | 26/03/2021 | 39 | Sunny Nahar | Mrs. M. Jyothi, Jyothi Mandala, You-tuber | Computer Graphics |
| Second Year /Division A & B | QUIZ Based on UNIT 3 & 4 | QUIZ | 28/04/2021 | 34 | Ramesh Solanki | - | BIM |
| Second Year /Division A & B | QUIZ Based on UNIT 4,5 & 6 | QUIZ | 29/04/2021 | 38 | Ramesh Solanki | - | BIM |
| Second Year /Division B | Quiz on Fundaments of Blockchain | QUIZ | 26/08/2021 | 46 | Ramesh Solanki | - | Blockchain |
| Second Year /Division B | Consensus in Bitcoin – I (The Basics) | NPTEL | 29/09/2021 | 46 | Ramesh Solanki | Prof. Sandip Chakraborty, IIT Kharagpur | Blockchain |
| Second Year /Division B | onsensus in Bitcoin – II (PoW and Beyond) | NPTEL | 30/09/2021 | 46 | Ramesh Solanki | Prof. Sandip Chakraborty, IIT Kharagpur | Blockchain |

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| Second Year /Division A & B | Deep Learning Models | Quiz | 14/10/2021 | 11 | Dr.Dhanamma Jagli | NA | Deep Learning |
| First Year /Division A | Introduction to Data Warehousing and OLAP | NPTEL | 13/1/2022 | 55 | Dr.Dhanamma Jagli | Dr. S. Srinath, IIIT Bangalore | ADBMS |
| Third Year / Regular First Shift | 5 Phases of UX Design Sprints \| Google UX Design Certificate | SEL | 15th Sept 2021 | 28 | Sunny Nahar | Google Career Certificates , You-tuber | UXD |
| Third Year / Regular First and Second Shift | MIS support for Decision Making | SEL | 15th Sept 2021 | 8 | Sunny Nahar | Dr. Ashish Sehajpal, Asst. Professor, Punjab University , Ludhiana, Vidya-mitra channel | MIS |
| Third Year / Regular First and Second Shift | QUIZ Based on UNIT 3 & 4 | QUIZ | 27/08/2021 | 51 | Ramesh Solanki | - | IOT |

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|---|---|---|---|---|---|---|---|
| Third Year / Regular First and Second Shift | QUIZ Based on UNIT 4,5 & 6 | QUIZ | 16/09/2021 | 42 | Ramesh Solanki | - | IOT |

**Research Forum Activities**

| Research Forum Activities Conducted | | | | |
|---|---|---|---|---|
| **Date** | **Name of the Expert** | **Designation & Organisation** | **Topic** | **Attended By** |
| 29th September 2021 | Dr. (Mrs.) Dhanamma Jagli | Dy.HOD MCA Dept. VESIT | Online Workshop On Mendeley Reference Manager | Faculties and Students |

- **Expert Talks**

| Date | Name of the Expert | Designation & Organisation | Topic | Attended By |
|---|---|---|---|---|
| 29th September 2021 | Dr. (Mrs.) Dhanamma Jagli | Dy.HOD MCA Dept. VESIT | Online Workshop On Mendeley Reference Manager | Faculties and Students |

- **Research Paper Published**

| Publication | | | | |
|---|---|---|---|---|
| **Title of paper** | **Name of the author/s** | **Name of journal** | **Year of publication** | **ISBN/ISSN number** |
| Security Specifications, Attacks and Privacy in IOT Framework | Ameya Parkar | International Journal of All Research Education and Scientific Methods (IJARESM), | 2021 | 2455-6211 |
| Data warehouse usage and analysis | Ameya Parkar | International Journal of All Research Education and Scientific Methods (IJARESM), | 2021 | 2455-6211 |
| Human Computer Interaction –Child-Computer Interaction in times of a pandemic | Ameya Parkar | International Journal of All Research Education and Scientific Methods (IJARESM), | 2021 | 2455-6211 |
| Study of UI/UX Design: Design Thinking | Ameya Parkar | International Journal of All Research Education and Scientific Methods (IJARESM), | 2021 | 2455-6211 |

| Research Paper Published | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Faculty Name** | **Title of the Paper** | **Publication - Author List** | **Publication - Affiliation of Authors** | **Publication - Date** | **Publication - National / International** | **Publication - Journal / Conference** | **Publication - Name of The Journal / Conference** | **if Journal Ppaper:UGC/NON-UGC** | **Publication - ISBN Number** |

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|---|---|---|---|---|---|---|---|---|---|
| Dr. Shivkumar Goel | Musical Sentiment Recognition from Row Audio using Various Machine Learning Methods | Siddhartha Chaki1 Shivkumar Goel | | Jul-21 | International | Journal | International Journal of Research in Engineering, Science and Management | UGC | ISSN (Online): 2581-5792 |
| Dr. Dhanamma Jagli | Security in BlockChain | Priyal Danani Lakshmipriya Kolathappilly Dhanamma Jagli | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |
| Dr. Dhanamma Jagli | Comparison between Scaling Horizontally and Scaling Vertically In Cloud Computing | Vinayak Padgaonkar1 , Rushabh Uchibagle2 , Dr. Dhanamma Jagli3 | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |
| Dr. Dhanamma Jagli | User Retention | Avinash Mahender Kalani1 , Shrestha R. Upadhyay2 , Dr. Dhanamma Jagli3 | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |

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|---|---|---|---|---|---|---|---|---|---|
| Dr. Dhanamma Jagli | Brain Chip: Controlling the Human Body with A Nano Chip | Dr. Dhannama Jagli, Asmeeta Panchal, Nishant Bhandary | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |
| Dr. Dhanamma Jagli | Ad hoc network in road safety and traffic management | Dhanamma Jagli, Aishwarya Admuthe, Mayur Nagraj | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |
| Vaishali Gatty | Comparing Various AI/ML Techniques to Predict Air Pollution | Sarvesh Dalvi, Satyajit Sahu, Abhishek Mishra, Vaishali Gatty | VESIT | Jul-21 | International | Journal | International Research Journal of Engineering and Technology (IRJET) | UGC | e-ISSN: 2395-0056 |
| | A Research Paper on Reduction of Carbon Footprint in Supply Chain Management Using BlockChain | Soham Morankar, Akshay Nair, SaiSunil Kasthoori, Vaishali Gatty | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |

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|---|---|---|---|---|---|---|---|---|---|
| Dr Shiv Kumar Goel | · Prediction of Parkinson's disease and severity of the disease using Machine Learning and Deep Learning algorithms | Dr. (Mr.) Shivkumar Goel, Miss. Shruti Vakkat | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |
| Dr Shiv Kumar Goel | Robotics – Human Help or Human Hinder | Dr Shiv Kumar Goel and Pranali Gupte | VESIT | Jul-21 | a | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |
| Dr Shiv Kumar Goel | Use of Artificial Intelligence and Machine Learning in Sports | Dr Shiv Kumar Goel and Abhishek Shukla | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods (IJARESM), | UGC | ISSN: 2455-6211 |
| Dr Shiv Kumar Goel | Machine Learning Algorithms Used In Predictive Maintenance | Rishabh Kankani, Shiv Kumar Goel | VESIT | Jul-21 | International | Journal | International Journal of All Research Education and Scientific Methods | UGC | ISSN: 2455-6211 |

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| | | | | | | | (IJARE SM), | | |

**Interaction with Outside World:**

| **Invited Lecturers and Chairmanships at national or international conferences/ seminars** | | | | |
|---|---|---|---|---|
| **Faculty Name** | **Title of Lecture/ Academic Session** | **Title of conference/ Seminar etc.** | **Organised by** | **Whether International/National** |
| Dr.Dhanamma Jagli | FDP on the theme 'Research Methodology' from 20th November, 2021 | -FDP | Malla Reddy Institute of Engineering and Technology!! | National |

**Other Achievements**

| Entrepreneurship Initiatives | | | | | |
|---|---|---|---|---|---|
| **Topic** | **Name of the Expert** | **Designation & Organisation** | **Organized by** | **Attended By** | **Date** |
| E-session on Entrepreneurship as a Career | Dr. K. Ramakrishna, Ph.D(CSE) Professor of IT, Convener IIC & Director R&D Cell | Professor of IT, Convener IIC & Director R&D Cell,Stanley College of Engineering & Technology for Women, Hyderabad. Director, Sankaran Standard, EduTech STEMA Entrepreneur. | IIC MCA | Faculty and students | 04-01-2022 |
| E Session On Mentoring | Dr. B.L. Gupta Professor, Department of Management and Dean Academics and Research NITTTR, Shamla Hills, Bhopal. | Professor, Department of Management and Dean Academics and Research NITTTR, Shamla Hills, Bhopal. | IIC MCA | Fuculty | 08-01-2022 |

- **Other Activities**

| Paper , Syllabus Setting , Examinership | | | | | |
|---|---|---|---|---|---|
| **Name of the Faculty** | **Type of Examination Duties** | **Duties Assigned** | **Extent to which carries out (%)** | **Exam** | **Class** |
| Dr.Dhanamma Jagli | Paper Setting | Convener | 100% | Dec2021 | SEM5-ML(3-yearsSem) |
| Dr.Dhanamma Jagli | Paper Setting | Convener | 100% | Jan2022 | SEM-III-DL (new scheme) |
| Dr.Dhanamma Jagli | Paper Setting | Convener | 100% | Jan2022 | SEM-III-AIML KT(new scheme) |
| Vaishali Gatty | Paper Setting | Paper Setter & Examiner | 100% | Dec2021 | SEM - II (CBCGS) OS |
| Vaishali Gatty | Paper Setting | Paper Setter & Examiner | 100% | Aug 2021 | Bridge Course MCABR3 OS |
| Vaishali Gatty | Paper Setting | Paper Setter & Examiner | 100% | Jan 2022 | Bridge Course MCABR3 OS |
| Ruchi Rautela | Paper Setting | Paper Setter & Examiner | 100% | July 2021 | MFCS2 (MCA Sem II new scheme) |
| Ruchi Rautela | Paper Setting | Paper Setter & Examiner | 100% | Dec2021 | S&M MCA (3-years) Sem IV KT |
| Dr.Ramesh Solanki | Paper Setting | Paper Setter & Examiner | 100% | Dec2021 | Block Chain (MCA Sem III new scheme) |

| Name of the Faculty | Type of Duties | Duties Assigned | Extent to which carries out (%) | Year |
|---|---|---|---|---|
| Dr.Dhanamma Jagli | Reviewer | Asiagn Journal of Reserch in Computer Science | Asiagn Journal of Reserch in Computer Science | 2021 |

| Name of the Faculty | name of event | /topic | date |
|---|---|---|---|
| Dr.Dhanamma Jagli | e-quiz competition | “Vachan Prerna Diwas” | 15th October 2022 |

| Other Activities(includes webinar, online sessions and courses) | | | |
|---|---|---|---|
| **Name Of Faculty** | **Title Of Activity** | **Date** | **Conducting Authority** |
| Sangeeta Oswal | Resource person for the certificate course "‘AI for health care -<br>In pursuit of innovations for Atma Nirbhar Bharat using the Promising Technologies’ | 24th June - 1st July 2021 | VES college of pharmacy |
| Dr.Ramesh Solanki K | Orientation Program and hands-on session for the subject of Internet of Things | 4 May 2021 | Thakur Institute of Management Studies, Career Development & Research(TIMSCDR) on behalf of University of Mumbai (UoM) |
| Dr.Ramesh Solanki K | Identifying Intellectual Property Component at early stage of Innovation | 30 January 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | “Exploring Patenting through Research” | 30th July 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | National Education Policy 2020 (NISP) | 30 January 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | Online Orientation session for all students & faculties by Innovation Ambassador | 1st April 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | Online Orientation session for all students & faculties by Innovation Ambassador | 10th April 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |

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|---|---|---|---|
| Dr.Ramesh Solanki K | Online Panel Discussion on Innovation and Startup Ecosystem Enablers | 17th April 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | Online One Day Leaflet.JS Workshop | 17th April 2021 | ISA-e-Praxis 21 organised by VRC in association with VESIT IIC and IQAC . |
| Dr.Ramesh Solanki K | Workshop on Intellectual Property Rights(IPR) and IP Management for Startup | 03rd April 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | Online talk on “From your Phd/ Masters Thesis to a start-up | 23rd April 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | Discussion on time series analysis and its applications | 30th April 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr.Ramesh Solanki K | Online talk on “Inception, Irrigation, Harvest & Innovation need to build Atmanirbhar India | 1 May 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Dr. Dhanamma Jagli | Orientation Program and hands-on session for the subject of Internet of Things | 4 May 2021 | Thakur Institute of Management Studies, Career Development & Research(TIMSCDR) on behalf of University of Mumbai (UoM) |
| Dr. Dhanamma Jagli | one day virtual workshop titled "Excel at MS Excel for Effective Organization of Quantitative Metrics data of NAAC" | 15th May 2021 | conducted by Vidyalankar Institute of Technology (VIT), Mumbai |
| Dr. Dhanamma Jagli | Talk by Women Entrepreneurs & Achievers On Occasion of International Women’s Day Celebration | 20th March 2021. | Women Development Cell In association with VESIT IQAC and IIC Conducted on |
| Dr. Dhanamma Jagli | E-Session on “Identifying Intellectual Property Components at early stage of Innovation” | 30 January 2021. | conducted by Vivekanand Education Society’s Institute of Technology In association with VESIT IQAC and IIC on |
| Dr. Dhanamma Jagli | Data Mining With R | 27th Feb, 2021 | DEPARTMENT OF MCA In Association with VESIT IIC & Ad hoc BOS in MCA, Mumbai University |
| Ruchi Rautela | Talk by Women Entreprenuers and achievers | 20 March 2021 | Women development Cell in association with VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Ruchi Rautela | E-Session on "National Innovation and startup Policy" | 30 Jan 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Ruchi Rautela | E-Session on "Identifying Intellectual Property Component at early stage of Innovation” | 30 Jan 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Sunny Nahar | Orientation session for all students & faculties by Innovation Ambassador | 10th April 2021 | VESIT organized by Dept of IT in association with VESIT - IQAC and IIC |
| Sunny Nahar | Workshop on Intellectual Property Rights(IPR) and IP Management for Startup | 3rd April 2021 | VESIT organized by Dept of IT in association with VESIT - IQAC and IIC |

| | | | |
|---|---|---|---|
| Sunny Nahar | Orientation of students & faculties by Innovation Ambassador | 1st April 2021 | VESIT organized by Dept of IT in association with VESIT - IQAC and IIC |
| Prof Monali Rajput | Attended Orientation Program on UI lab | 26 June 2021 | organiszed by University of Mumbai |
| Ameya Parkar | E session on National Innovation & Start Up policy | 30 Jan 2021 | MHRD and AICTE |
| Ameya Parkar | Learning Beyond Syllabus | 30 April 2021 | VESIT |
| Dr (Mrs) Meenakshi Garg | Data Mining With R | 27th Feb, 2021 | VESIT IIC & Ad hoc BOS in MCA, Mumbai University |
| Sangeeta Oswal (Convener) | Conducted Orientation for the Subject "Big data analytics and visuilazation " | 4th september,2021 | vesit |
| Vaishali Gatty | Talk by Women Entreprenuers and achievers | 20 March 2021 | Women development Cell in association with VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Vaishali Gatty | E-Session on "National Innovation and startup Policy" | 30 Jan 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Vaishali Gatty | E-Session on "Identifying Intellectual Property Component at early stage of Innovation" | 30 Jan 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |
| Vaishali Gatty | National Education Policy 2020 (NISP) | 30 January 2021 | VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovative Cell(IIC) |

- **Alumni Interaction**

 V-Reach’21: An Alumni Engagement initiative

An Alumni Engagement Initiative under the guidance of the Internal Quality Assurance Cell (IQAC) and Institution's Innovation Council (IIC) “V-REACH” which aims at reaching out to alumni and enables sharing of their vast national, international knowledge and experience with current students for widening their horizons in avenues for:

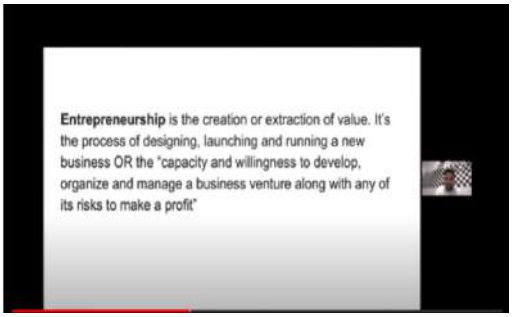
- Placements
- Higher Studies
- Innovation and Research
- Entrepreneurship
- Technological Trends

| | |
|---|---|
| **Title** | Cloud Computing using Microservices Architecture |
| **Date** | 05 August 2021 |
| **Speaker** | Mr. Jason Varghese, Software Development Engineer, TIAA, Alumni VESIT-MCA, 2013 |
| **No. of Participant** | 50 |

| | |
|---|---|
| **Title** | Work-Life Balance (Entrepreneurship & Choosing Carreer) |
| **Date** | 10 August 2021, 05:00-06:00 PM |
| **Speaker** | Mr. Minhaj Sheikh, Founder and CEO FriendsCampus, Alumni VESIT-MCA 2017 |
| **No. of Participant** | 30 |

**Posters of V-Reach Webinar Series**

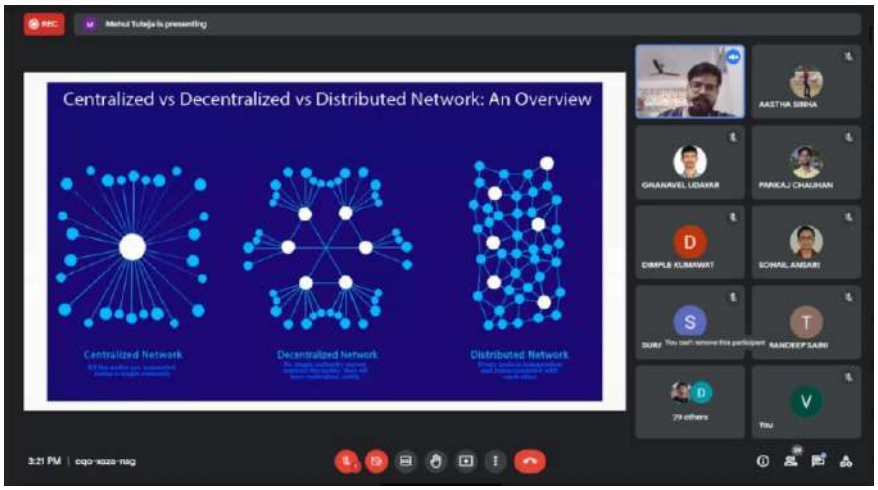
**V-Reach session of MCA Day 1 and Day 2 on Progress**



- **Alumni Talk on Career Guidance:**

| | |
|---|---|
| **Title** | Career Option in Blockchain: "Get into Blockchain and Join the Revolution" |
| **Date** | 29 January 2022, 03:00-05:00 PM |
| **Speaker** | Speaker: Mr. Mehul Tuteja Blockchain developer, Rapid Innovation, Alumni VESIT-MCA 2020 |

| | |
|---|---|
| **No. of Participant** | 40 |




**Session Started with BlockChain Overview**

**STUDENT ACHIEVEMENTS**

- **Student Participation**

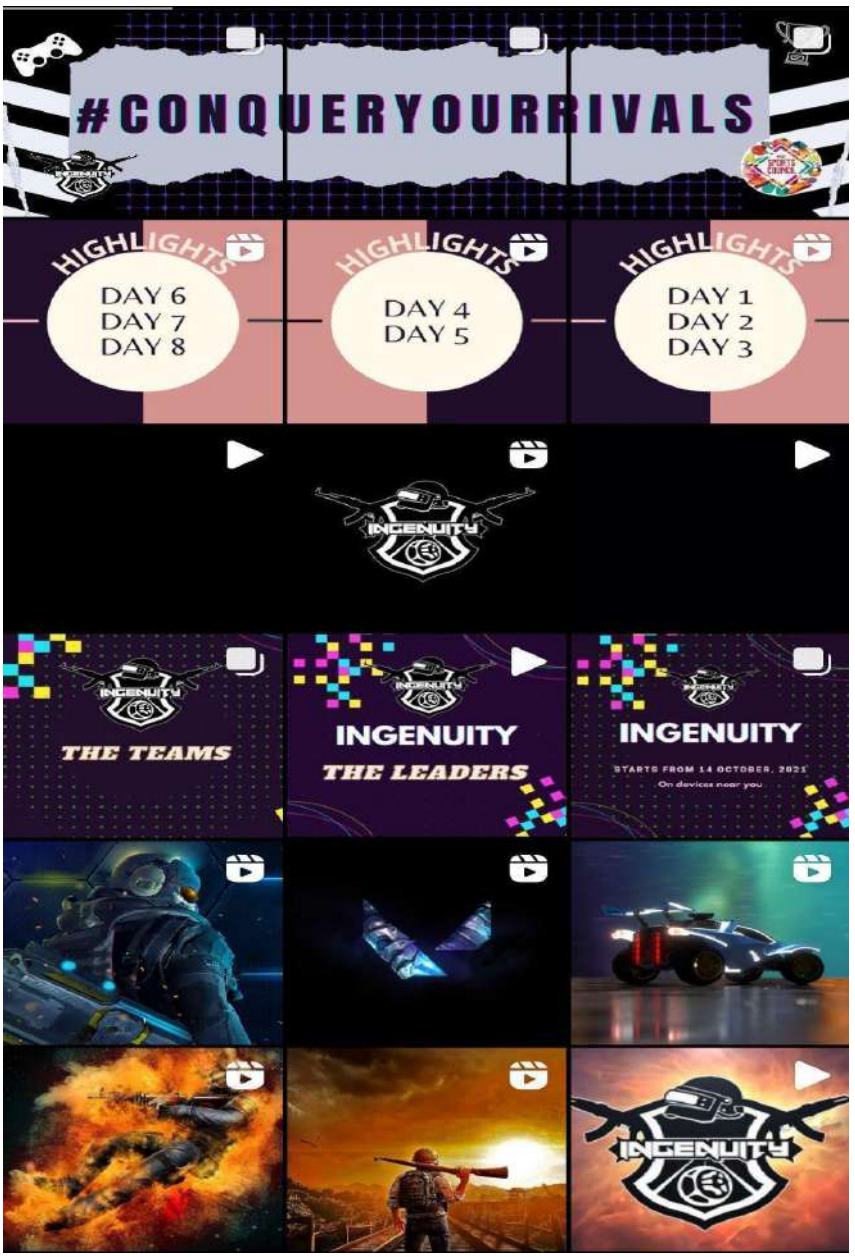
This odd semester, the VESIT SPORTS COUNCIL launched INGENUITY'21, a brand-new event that has never been held before, in these tough pandemic situations through an online platform. INGENUITY was a large-scale esports event that brought together many seniors and juniors digitally and formed fantastic acquaintances. The games included in this event were:-

- Valorant
- CSGO
- CODM
- Rocket League
- BGMI

From October 14th through October 23rd, 2021, it was a ten-day event. Players were divided into separate teams, each led by a leader, and auditions and auctions were held for the games included in INGENUITY.

**Publicity Posters:**

- The most creative and supportive SPORTS VA team gently contributed towards the success of the events by advertising the events through impressive IGTV, videos, reels etc.
- A total number of 5 posts and 13 videos were released during the conduction of the events.




**VALORANT:**

Valorant was played between 5 teams, the type of tournament was **Unranked Custom Lobby** during league in which the one team with least points was eliminated and rest of 4 entered the knockout stage (Qualifiers). Qualifiers turned out to be the more intense with the same format used in the league stage.The Final was in (Best of 3) same format.

| Position | Team Name | Leader name |
|---|---|---|
| Winner | Liquid | Arnav Bagchi |
| 1st Runner Up | Defcon One | RutvikLhase |
| 2nd Runner Up | Mercator Mortalis | AvinashTripathy |

**CSGO:**

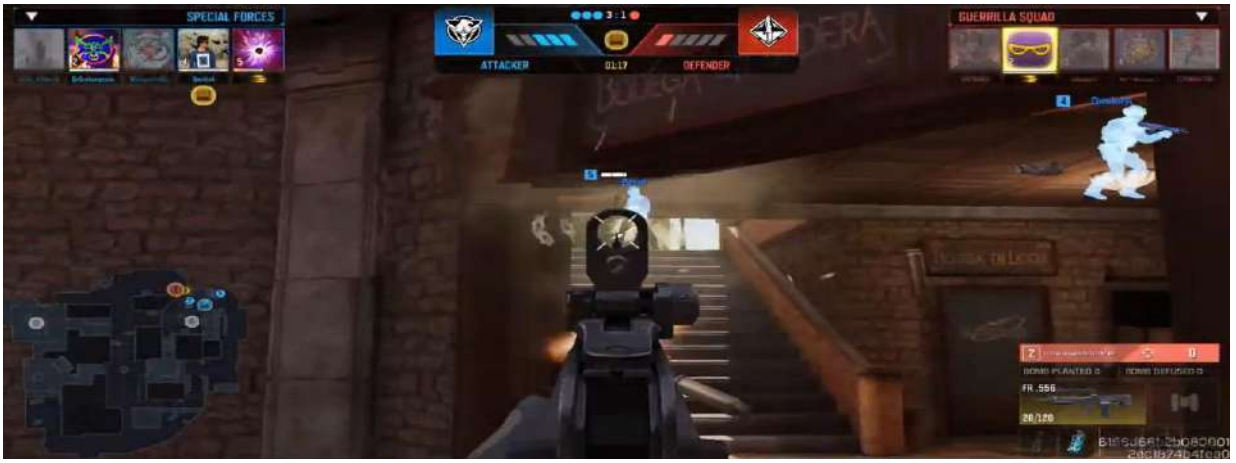
CSGO was played between 5 teams, the type of tournament was **Short competitive Format** of 16 rounds during league in which the one team with least points was eliminated and the rest of 4 entered the knockout stage (Qualifiers). Qualifiers were also played in **Short competitive Format** of 16 rounds(BO3) where after the toss one map was selected and one map was banned by the two teams playing and in case of third round a random map was selected by the council. The final was also conducted in the same format.

| Position | Team Name | Leader name |
|---|---|---|
| Winner | Zeldon Warriors | TanujaUpadhyay |

| | | |
|---|---|---|
| 1st Runner Up | Defcon One | RutvikLhase |
| 2nd Runner Up | Mercator Mortalis | AvinashTripathy |

**CODM:**

CODM was played between 5 teams, the type of tournament was **TDM** during league in which the one team with least points was eliminated and the rest of 4 entered the knockout stage (Qualifiers). Qualifiers were played in **Search and Destroy** (BO3) where a random map was selected by the council. The final was also conducted in the same format.




| Position | Team Name | Leader name |
|---|---|---|
| Winner | Liquid | Arnav Bagchi |
| 1st Runner Up | Zeldon Warriors | TanujaUpadhyay |
| 2nd Runner Up | Maniacs | PraneelRastogi |

**Rocket League:**

Rocket League was played between 5 teams, the type of tournament was **3vs3** during league in which the one team with least points was eliminated and the rest of 4 entered the knockout stage (Qualifiers). Qualifiers and finals were also played in 3vs3 format(BO3).

| Position | Team Name | Leader name |
|---|---|---|
| Winner | Mercator Mortalis | AvinashTripathy |
| 1st Runner Up | Zeldon Warriors | TanujaUpadhyay |
| 2nd Runner Up | Maniacs | PraneelRastogi |

**BGMI:**

BGMI was played between 5 teams, the type of tournament was **TDM, Domination&Classic Match** during league in which the one team with least points was eliminated and the rest of 4 entered the knockout stage (Qualifiers). Qualifiers were played in Domination (BO3) where both maps were selected by the council. The final was conducted in the format Domination (BO3) and TDM (BO3).

| Position | Team Name | Leader name |
|---|---|---|

| | | |
|---|---|---|
| Winner | Zeldon Warriors | TanujaUpadhyay |
| 1st Runner Up | Maniacs | PraneelRastogi |
| 2nd Runner Up | Liquid | Arnav Bagchi |

**STAFF IN-CHARGES (SPORTS):**

1. Dr. Ramesh Solanki
2. Mrs. KajalJewani
3. Mr. Mahesh Singh

**VESIT SPORTS COUNCIL 2021-22:**

Secretary: AadityaMoykhede (D15)

Senior Deputy Secretary: JanhaviMhatre (D15)

Senior Deputy Secretary: SmritiKarn (D11A)

Senior Deputy Secretary: Rajat Singh (D15)

Senior Deputy Secretary: RutvikVedak (D13)

Senior Deputy Secretary: Rittik Gupta (MCA2B)

Junior Deputy Secretary: JanhaviKhanvilkar (D6AD)

Junior Deputy Secretary: Deanna Fernandes (D7B)

Junior Deputy Secretary: Figo Cardozo (D7)

Junior Deputy Secretary: Aseem Kulkarni (D10)

Junior Deputy Secretary: Ishaan Jukar (D8)

**Volunteers:**

Sannidhi Shetty (D11B)

PrathameshGudame (D6)

RuchitaDolas (D6)

Riyansh Jain (D6)

TanmayeeBochare (D9)

Chirag Panjwani (D7)

With the help of college authorities, the Student Council members, Sports council members, and co-ordination of the participants, all the events of this semester were conducted successfully.

MCA INGENUITY Participation

| Sr. No | Name | Class | Event | Position | Team |
|---|---|---|---|---|---|
| 1 | SiddheshDharmanaskar | MCA3A | CSGO | Group Stages | Liquid |
| 2 | ChinmayMhatre | MCA3A | CSGO | Finalist (2nd place) | Defcon One |
| 3 | Ambar Kambli | MCA3A | CSGO Valorant | Finalist (2nd place) | Defcon One |
| 4 | Mukhul Menon | MCA2B | Valorant | Finalist (2nd place) | Defcon One |
| 5 | RutvikLhase | MCA2B | Valorant | Finalist (2nd place) | Defcon One |
| 6 | SahilGoliwar | MCA2B | Valorant | Finalist (2nd place) | Defcon One |
| 7 | MohitDevadiga | MCA2B | CODM | Semi Finalist ( top 4) | Mercator Mortalis |

**Course/Workshop Attended**

| Sr.no | Name | Class | Achievement Category | Title Of Course/Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 01 | Shraddha Shinde | First Year Regular First Shift | Workshop | Intellectual Property Rights( IPR ) and IP Management for Startup | 1 | 3-04-2021 | **Online** | College | Induction program for students. Workshop for Intellectual Property Rights and IP Management for Startup |
| 02 | Tushar Tukaram Annam | Second Year Regul | Workshop | Build a Face Recognition Application using Python | 1 | 25-04-2021 | **Remote** | Guvi Learnings | It was an AI event |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | ar First Shift | | | | | | | |
| 03 | Nandini Arun Sonar | First Year Regular First Shift | Workshop | Python Workshop | 2 | 10-04-2021 | **Zoom Meet** | CSI VESIT | CSI-VESIT presented PYTHON WORKSHOP to enhance coding experience |
| 04 | Nandini Arun Sonar | First Year Regular First Shift | Workshop | **Django Workshop** | 1 | 1-05-2021 | **google meet** | CSI VESIT | **CSI-VESIT** presented **Django Workshop** to help us design quick, secure, and versatile websites. |
| 05 | Vinod Keshav Nayak | First Year Regular First Shift | Workshop | MMA Impact Knowledge Series on Future of Modern Marketing | 2 | 20/5/2021 | **Virtual** | MMA-Mobile Marketing Association is comprised of over 800-member companies globally and 15 regional offices, the MMA is the only marketing trade association that, brings together the full ecosystem of marketers, martech and media companies working collaboratively to architect the future of | Workshop about the Future of Modern Marketing which consisted of 20 sessions, 11 Keynote Speeches, Case Studies and Panel Discussions. Speakers in the workshop were Priya Nair (Executive Director-HUL), Shiv Shivakumar (Group Exec. President - Aditya Birla Group), Amit Jain (Managing Director - L'Oréal |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | marketing, while relentlessly delivering growth today. | India), Dr. Sundar Bharadwaj (The Coca Cola Company Chair Professor of Marketing) and many more. Sponsors : Unilever, Google, ABFRL, L'Oreal, SaS, PepsiCo, Group M, Mondelez, Flipkart and more. |
| 06 | Arya Ajay Varma | First Year Regular Second Shift | Workshop | Mentoring session, Excel workshop, Photography workshop | 1 | 4/10/2021 | **Virtual workshops conducted via meet,zoom** | Mentoring and Photography workshop was conducted by various council and members from vesit . | |
| | | | | | | | | | |

**Awards In Sports**

| Sr.no | Name | Class (FY) | Achievement Category | Date | Course | Achievements |
|---|---|---|---|---|---|---|
| 01 | Yash Tembhare | First Year Regular First Shift | Runner up | 02/04/2021 | MCA | Our chess team was runner up in the competition |

**Any Other Achievements**

| Sr.no | Name | Class (FY) | Achievement Category | Date | Course | Achievements |
|---|---|---|---|---|---|---|
| 01 | Mehul Jain | Second Year Regular First Shift | Look Beyond Syllabus (LBS) | 5/3/2021 | MCA | Participated and achieved First position in the College LBS competition.<br>Video Link of the project: https://youtu.be/-xG9LqC5g_g |

Course/Workshop Attended

| Sr.no | Name | Class (FY) | Achievement Category | Title Of Course/Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 01 | ShrutiNaik | First Year Regular First Shift | Workshop | National Level One week Workshop on React JS | 6 | 5/7/2021 | **From Home** | Brainovision Solutions India Pvt.ltd | "National Level One week Workshop on React JS" organized by the Department of Computer Science in association with Brainovision Solutions India Pvt.ltd and National Youth Council of India. First two days were for overview of HTML and CSS. Remaining days were utilized for React JS |

| Sr. no | Name | Class (FY) | Achievement Category | Title Of Course/Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 02 | Monish Shetty | First Year Regular First Shift | Workshop | National Level One week Workshop on React JS | 6 | 5/7/2021 | **Online** | Brainovision Solutions India Pvt.ltd | A 6 day workshop on ReactJS |

| Sr.no | Name | Class (FY) | Achievement Category | Title Of Course/Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 03 | Sara Balbale | First Year Regular First Shift | Workshop | National Level ReactJs workshop | 5 | 5/7/2021 | **Online due to pandemic** | TKR College of Engineering and Technology | Organized by TKR College of Engineering specifically bt department of computer science from 5th July 2021 - 10th July 2021 |

| Sr.no | Name | Class (FY) | Achievement Category | Title Of Course/Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 04 | ShubhamBendal | First Year Regular First Shift | Workshop | Online National Level Workshop on ReactJS | 6 | 5/7/2021 | **Mumbai** | Brain Vision Pvt. Ltd & National Youth Council of India | Workshop was on React JS |

MCA INGENUITY Participation October 2021 to Nov 21

| Sr. No | Name | Class | Event | Position | Team |
|---|---|---|---|---|---|
| 1 | SiddheshDharmanaskar | MCA3A | CSGO | Group Stages | Liquid |
| 2 | ChinmayMhatre | MCA3A | CSGO | Finalist (2nd place) | Defcon One |
| 3 | Ambar Kambli | MCA3A | CSGO Valorant | Finalist (2nd place) | Defcon One |
| 4 | Mukhul Menon | MCA2B | Valorant | Finalist (2nd place) | Defcon One |
| 5 | RutvikLhase | MCA2B | Valorant | Finalist (2nd place) | Defcon One |
| 6 | SahilGoliwar | MCA2B | Valorant | Finalist (2nd place) | Defcon One |
| 7 | MohitDevadiga | MCA2B | CODM | Semi Finalist ( top 4) | Mercator Mortalis |

**Awards In Sports**

| Sr.no | Name | Class (FY) | Achievement Category | Date | Course | Achievements |
|---|---|---|---|---|---|---|
| 01 | Yash Tembhare | First Year Regular First Shift | Runner up | 02/04/2021 | MCA | Our chess team was runner up in the competition |

**Any Other Achievements**

| Sr.no | Name | Class (FY) | Achievement Category | Date | Course | Achievements |
|---|---|---|---|---|---|---|
| 01 | Mehul Jain | Second Year Regular First Shift | Look Beyond Syllabus (LBS) | 5/3/2021 | MCA | Participated and achieved First position in the College LBS competition.<br>Video Link of the project: https://youtu.be/-xG9LqC5g_g |

Course/Workshop Attended

| Sr.no | Name | Class (FY) | Achievement Category | Title Of Course/ Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 01 | ShrutiNaik | First Year Regular First Shift | Workshop | National Level One week Workshop on React JS | 6 | 5/7/2021 | **From Home** | Brainovision Solutions India Pvt.ltd | "National Level One week Workshop on React JS" organized by the Department of Computer Science in association with Brainovision Solutions India Pvt.ltd and National Youth Council of India. First two days were for overview of HTML and CSS. Remaining days were utilized for React JS |

| Sr. no | Name | Class (FY) | Achievement Category | Title Of Course/ Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 02 | Monish Shetty | First Year Regular First Shift | Workshop | National Level One week Workshop on React JS | 6 | 5/7/2021 | **Online** | Brainovision Solutions India Pvt.ltd | A 6 day workshop on ReactJS |

| Sr.no | Name | Class (FY) | Achievement Category | Title Of Course/ Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 03 | Sara Balbale | First Year Regular First Shift | Workshop | National Level ReactJs workshop | 5 | 5/7/2021 | **Online due to pandemic** | TKR College of Engineering and Technology | Organized by TKR College of Engineering specifically bt department of computer science from 5th July 2021 - 10th July 2021 |

| Sr.no | Name | Class (FY) | Achievement Category | Title Of Course/ Workshop Attended | Number of Days | Date | Venue /Place | Organization Details | Achievements |
|---|---|---|---|---|---|---|---|---|---|
| 04 | ShubhamBendal | First Year Regular First Shift | Workshop | Online National Level Workshop on ReactJS | 6 | 5/7/2021 | **Mumbai** | Brain Vision Pvt. Ltd & National Youth Council of India | Workshop was on React JS |

## CULTURAL REPORT (2020-2021 EVEN SEM)

SYMCA hosted Prarambh '20, the annual freshers gathering, to welcome the new batch of first-year students into the family. The entire event was streamed live online and featured a variety of performances from our talented juniors and seniors.

Prof. ShivkumarGoel Sir and DhanammaJagli Ma'am initiated the event with an inauguration and a diya lighting ceremony. Then came a series of talent hunt rounds, during which we saw some impressive performances from both first and second-year students. Singing, dancing, painting, and poetry – watching the artists of MCA show their hidden talents was a real treat.

The much-anticipated Mr. and Ms. Freshers selection rounds took place simultaneously with the talent hunt rounds. A brief introduction, talent round, a surprise dare event, and the final interview round were all part of the selection. Rittik Gupta and JagrutiLilhare were crowned the winner of Mr. and Ms. Freshers.

Despite the pandemic and the restrictions that came with it, the virtual fresher's was a big success. All in all, it was a delightful event packed with positivity and enthusiasm. Seniors, juniors, and teachers, everyone contributed to making this a memorable event.

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**MUSIC REPORT (2020 -2021 EVEN/ODD SEM)**

Name of event: Virtual Octaves- Voice of VESIT

Date: 16th February 2021

Time: 5:00 pm - 7:00 pm

Venue: Zoom and YouTube live stream.

Inauguration/faculty: Few lines about event: The flagship competition of our mega event octaves was scheduled to stream on 16th Feb. On the judging panel, we had our very own VESIT alumni Monami Pal.

Registration link opened on 9th Feb and closed on 13th Feb were taken through a google form. The event consisted of 2 rounds, the first round being the submission round. The participants were asked to send their videos through the given registration form.

The top 10 participants, graded by the music council, were selected for the second round. The second round was live-streamed and the performers had to perform live on the VESIT Student council YouTube channel.

Participants from the Department: Jennifer Kumar(MCA1B)

Winners of competitions if any:

Name of event: Virtual Octaves- EkmaiaurEktu

Date: 16th February 2021

Time: 4:00 pm - 6:00 pm

Venue: Zoom and YouTube live stream.

Inauguration/faculty: This contest was for students who had soulful voices and wanted to take this talent to the next level. The participants put forth their enthralling performance.The competitors gave out a variety of songs .They came up with such melodious voices which in the run attracted the audience as such. A great support was given from the audience side. All our young maestros who took part in the competition made the competition a great success. All of them sang to their level best . The winners were well appreciated by the judges.

Participants from the Department: Jennifer Kumar(MCA1B) and MuskanOtari(MCA1B)

Winners of competitions if any: Jennifer Kumar(MCA1B) and MuskanOtari(MCA1B)

Name of event: Virtual Octaves- Instrumental faceoff

Date: 14th February 2021

Time: 4:00 pm - 6:00 pm

Venue: Zoom and YouTube live stream.

Inauguration/faculty: Here with its Flagship event, VESIT Music Council conducted Instrumental Face-off in Virtual octaves for the second time, this provides a virtual stage to the musicians of VESIT to showcase their

talent in creating music from their instruments, Mere household items or even their vocal chords.Instrumental Faceoff is the fierce competition between instrumentalists to conquer the title of the Best Musician.

Participants from the Department: EdvinGourmin(MCA1B)

**Any Other Achievements**

| Sr.no | Name | Class (FY) | Achievement Category | Date | Course | Achievements |
|---|---|---|---|---|---|---|
| 01 | Jennifer Preetam Kumar | First Year Regular Second Shift | Virtual Octaves | 3/2/2021 | MCA | 1st place for Duet Singing |
| 02 | Mehul Jain | Second Year Regular First Shift | Look Beyond Syllabus (LBS) | 5/3/2021 | MCA | Participated and achieved First position in the College LBS competition.<br>Video Link of the project: https://youtu.be/-xG9LqC5g_g |

| Details of Projects Applied for CIIA 2021(MCA) | | | | |
|---|---|---|---|---|
| **Group No** | **Project Name** | **Name** | **Name Of Mentor** | **Description** |
| 20B18 | Desktop Assistant | Saurabh Rewadkar<br>Roshni Yadav<br>Rohit Kumar Gupta | Sunny Nahar | Mimi draws its inspiration from virtual assistants like Cortana for Windows, and Siri for iOS. It has been designed to provide a user-friendly interface for carrying out a variety of tasks by employing certain well-defined commands. As a personal assistant, Mimi assists the end-user with day-to-day activities like general human conversation, searching queries in google, Bing or yahoo, searching for videos, retrieving images, live weather conditions, word meanings, searching for medicine details, health recommendations based on symptoms and reminding the user about the scheduled events and tasks. The user statements/commands are analysed with the help of machine learning to give an optimal solution. |

## INTERNSHIP PROJECT REPORT 2021-22

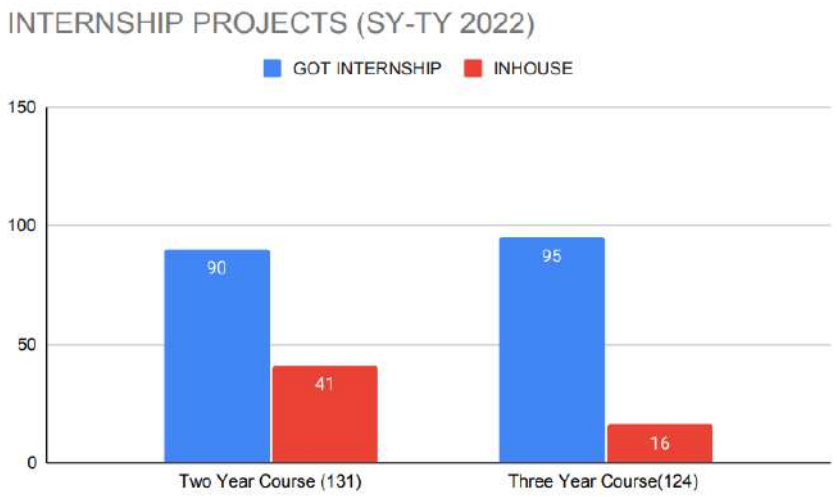
Internship Projects Prepare students to excel in computer applications to succeed in industry/ technical professions. Train students with good computing breadth so as to comprehend, analyze, design and create computing solutions for the real life problems. Learn professional skills and international relationships in a professional environment. Design a system, component or process as per needs and specification of the clients.

Internship Projects Help Students Demonstrate skills to use modern tools, software and equipment to analyse problems. Understanding Develop an exposure to real life organizational and environmental situations. Analysing Apply SDLC phases in developing software projects and in writing the project document. Applying Create computing solutions for the real life problems as per the requirements of the domain. Creating Adapt professional and interpersonal ethics.

**Assessment:**

**Internal Assessment Test: 50 marks**

Internal Assessment consists of two presentations of 25 marks each conducted during the semester.




| VESIT MCA DEPARTMENT |
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| SYMCA SEM VI PROJECT DETAILS BATCH 2020-2022 | | | | |
|---|---|---|---|---|
| | | | | |
| **Sr.No** | **Student Name** | **Company Name** | **Project TITLE** | **Mentor** |
| 1 | Sadiq Shaikh | Apical IT Solutions | Truck Inspection System | Ruchi Rautela |
| 2 | Aadil Shaikh | Netmonastery NSPL | DNIF Hyperscale SIEM | Ruchi Rautela |
| 3 | Rohit Baranwal | KPMG | Foundry Management(Dynamics 365 FO) | Ramesh Solanki |
| 4 | Komal Dumbre | CRISIL | Fulkrum Workspace | Mona Deshmukh |
| 5 | Shaquib Ansari | Apical IT Solutions | Yearly Checks | Ramesh Solanki |
| 6 | Kevin Abraham | AppsMagnet | Putler | Mona Deshmukh |
| 7 | Mrunal Solanki | CRISIL | Fulkrum Workspace | Ramesh Solanki |
| 8 | Tushar Annam | KPMG | OFSAA System/ Big data project | Ameya Parkar |
| 9 | Sandeep Gounder | Thinkinno Technologies | Cargo Tracker & Lead Victor | Ameya Parkar |
| 10 | Bavitha Boda | KPMG | Tax Data Hub | Shivkumar Goel |
| 11 | Rakhi Bhattacharjee | Commtex Solution | ERP System | Mona Deshmukh |
| 12 | Rachna Chauhan | Dark horse digital | Insurance Domain | Ameya Parkar |
| 13 | Shivani Gadge | Accenture | Society Accounting System | Shivkumar Goel |
| 14 | Anjali Krishnakumar | General Mills | Enterprise CAAP | Shivkumar Goel |
| 15 | Tabish Khan | General Mills | Azure AD and On Prem AD Last login synchronization | Ramesh Solanki |
| 16 | Ambar Kambli | Dark Horse Digital | Insurance Domain | Ameya Parkar |
| 17 | Tania Mahata | DARK HORSE DIGITAL | Insaurance domain | Mona deshmukh |
| 18 | Azeem Ahmed Shafi Ahmed SIddiqui | Web Culture Technologies | J-SIL SCIENTIFIC INDUSTRIES | Dr Ramesh Solanki |
| 19 | Pankaj R Dwivedi | CleverTap | Campaign 2.0 & , Direct Call (SignedCall) | Ramesh Solanki |
| 20 | Adesh Hemwani | Institutional Shareholder Services | Content Media Asset Store | Dr. Dhanamma Jagli |
| 21 | Raj Jaiswal | New India Co-Operative Bank LTD | Origin | Mona Deshmukh |
| 22 | Asraar Mulla | Techno Solution | Maharashtra Fertilizer | Monali Rajput |
| 23 | Darshan Naik | White Wular | White Wular | Monali Rajput |
| 24 | Ashutosh Pandey | Ernst & Young, India | KYC Portal, VCISO Product Build, Service Desk App and Chatbot | ShivKumar Goel |
| 25 | Ninad Parab | Nomura | QA APPLICATION PROGRAMMING INTERFACE(API) AUTOMATION | Dhanamma Jagali |
| 26 | Omkar K Patil | Apical Global IT Solutions Pvt. Ltd | Yearly Check | Indira Bhattachariya |
| 27 | Manasi Pisal | Apical Global IT Solutions Pvt. Ltd | Secdynamic | Mona Deshmukh |
| 28 | Balkrishna Ravada | Here Technologies | Here Navigation | Mona Deshmukh |
| 29 | Yogesh Jayprakash Sanas | InHouse | E-Commerce Application using Java Spring | Vaishali Gatty |

| | | | | |
|---|---|---|---|---|
| 30 | Sadhana Nagar | Inovec solutions | Internship Android software development | Vaishali gatty |
| 31 | Sahil Kamble | Idea Implement India | Internship | Sunny Nahar |
| 32 | Sarath Shankaranarayanan | Dark Horse Digital Solutions | Internship | Meenakshi garg |
| 33 | Arindam Ghosh | MetaMorphoSys | Pre-authorisation system and Provider Management Application for Insurtech company | Meenakshi Garg |
| 34 | Kajal waghmode | KPMG | Internship | Vaishali Gattt |
| 35 | Sangeeta Dimble | AirLine Marketing Service | Internship- Swisstours | Ruchi Rautela |
| 36 | Ninad Avinash Patil | Simple Logic | Online Shopping System | Meenakshi Garg |
| 37 | Siddhi Harendrakumar Thakur | na | na | Vaishali gatty |
| 38 | Snehalkumar Palan | Logical solutions | Agro ERP | Ruchi Rautela |
| 39 | vishal naik | high tech birds | Internship | Meenakshi Garg |
| 40 | Amandip Singh | Network Marvels | HRMS | Indira Bhattacharya |
| 41 | Namrata Ramesh Desale | yourdigitalbro | internship | Mona Deshmukh |
| 42 | Prashant Trivedi | General Mills | Internship- CAAP Project | Dr. ShivKumar Goel |
| 43 | Kshitij Dharmendra Jadhav | Atwrit Technologies Private Limited | Internship | Ruchi Rautela |
| 44 | Anjali Rananavare | S. D. Corporation Pvt. Ltd | Leave & attendance management | Mona Deshmukh |
| 45 | Anjali Yadav | Ceptior | Internship | Meenakshi Garg |
| 46 | Rutik Chaudhari | General Mills | Internship | Ruchi Rautela |
| 47 | Saurav MIshra | Pelican.AI | Internship | Indira Bhattacharya |
| 48 | Nikhil N Mhatre | P.D.Sekhsaria Trading Co | GeoCheck | monali rajput |
| 49 | Amit Rajendra Vishwakarma | Quantiphi | YoursProperty (Web Application) | Indira Bhattacharya |
| 50 | Rohit Ravindra Gawade | Dark Horse Digital Solutions | Internship: Insurance and Loan Process automation | Meenakshi Garg |
| 51 | Aniket Tiwari | P.D.Sekhsaria Trading Co | GeoCheck | monali rajput |
| 52 | Bhavik Boricha | NA | NA | Indira Bhattacharya |
| 53 | Suryanshu Raj | CleverTap | CleverTap SDK Integration | Sunny Nahar |
| 54 | Pratiksha Gaikwad | NA | NA | Monali Rajput |
| 55 | Adarsh Sawant | Nomura | Internship-“Index Regression Suite” | Dr. ShivKumar Goel |
| 56 | Keshav Patta | Crisil | Internship | Vaishali gatty |
| 57 | Salwa Parkar | S. D. Corporation Pvt. Ltd | Leave & attendance management | Dr. Meenakshi Garg |
| 58 | Jeet Singh | Ceptior | Internship | monali rajput |
| 59 | Priyanka Surve | Crisil | Internship | Indira Bhattacharya |

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| 60 | Hitesh Tiwari | N/A | Attendance system with facial recognition | Vaishali gatty |
| 61 | Sonam Mengade | Techessece labs private Limites | GeoCheck | Mona Deshmukh |
| 62 | Krunal Rane | Crisil | Internship | Sunny Nahar |
| 63 | Ankita Ghole | Logical solutions | | Ruchi Rautela |
| 64 | Suraj Yadav | Dark Horse Digital Solutions | Insurance and Loan Process automation | Monali Rajput |
| 65 | Abhinay shukla | NSEIT | Security in Cloud Computing | Sunny Nahar |
| 66 | AniketYadav | P.D.Sekhsaria Trading Co | ProFarma Application | Sunny Nahar |
| 67 | Tejaswi Pawar | Ripplehire | Internship | Indira Bhattacharya |
| 68 | Dhanshree Gurav | General Mills | Internship | Indira Bhattacharya |
| 69 | Santosh Munir Sahani | NOMURA | UI Business Regression Automation | Sunny Nahar |
| 70 | Sunny Divakar Maurya | CRISIL | SMART WEB | Dr. ShivKumar Goel |

**VESIT MCA DEPARTMENT**
**SYMCA SEM IV PROJECT DETAILS BATCH 2020-2022**

| Sr.No | Student Name | company name | Project TITLE | Mentor |
|---|---|---|---|---|
| 1 | Monish Shetty | Zeus Learning | | Dr. Ramesh Solanki |
| 2 | Shrutesh Karam | TCS | GPCMC (Global Procurement and Cost Management | Mona Deshmukh |
| 3 | Atharva Kale | KPMG | | Dr.Dhanamma Jagli |
| 4 | Shruti Naik | General Mills | Centre) | Sunny Nahar |
| 5 | Vinod Nayak | General Mills | | Dr. Ramesh Solanki |
| 6 | Shubham Bendal | CleverTap | USE CASE ASSISTANCE | Ameya Parkar |

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| 7 | Hrishikesh Gawas | General mills | Enterprise Project | Dr Shivkumar Goel |
| 11 | Komal Guram | MetaMorphosys Technologies | DIGITAL CLAIMS PLATFORM IMPLEMENTATON | Ameya Parkar |
| 15 | Raja Gwalani | BNP Paribas | Release Management Process | Monali Rajput |
| 16 | Akansha Rai | Clariant | DATA INTEGRATION PLATFORM DYNAMIC 365 CRM ANALYTICS | Mona Deshmukh |
| 17 | Mamali Maharana | IVP | DATAWARE HOUSE IMPLEMETATION | Ameya Parkar |
| 18 | Gauri Shetye | Network Marvels | Log analysis system | Dr.Dhanamma Jagli |
| 19 | Yash Tembhare | Adjetter Media Network Pvt Ltd | Cruise Microservice | Vaishali Gatty |
| 20 | Sara Balbale | Dark horse digital | | Indira Bhattacharya |
| 21 | Ashwin Pillai | General Mills | Modernization of Analytics API | Sunny Nahar |
| 22 | Moin Ghadiyali | Nomura | | Sunny Nahar |
| 23 | Shubham Nachare | Mosaik | User Experience and the Idea of Design in HCI | Mona Deshmukh |
| 26 | Nishant Khalate | Nomura | Rules Automation | Dr. Shiv kumar Goel |
| 27 | Shreya Bhavsar | Nomura | Cash Manager Automation | Dr. Shiv kumar Goel |
| 28 | Mrunmayi Gahivade | Netmonastery | DNIF HYPERSCALE SIEM | Dr. Shiv kumar Goel |
| 29 | vrushali khavanekar | 63 Moons | ELECTRONIC DATA SUBMISSION | Ameya Parkar |

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| 30 | Rahul Mishra | Pelican.ai | ICASS | Ameya Parkar |
| 31 | Siddhi Bhabal | Mobicule | | Ruchi Rautela |
| 33 | Akshata Patil | Netmonastery | DNIF HYPERSCALE SIEM | Ameya Parkar |
| 37 | Shraddha Shinde | DWebBox | | Dr.Dhanamma Jagli |
| 38 | Rohan Tandalekar | BrightChamps | | Indira Bhattachariya |
| 39 | Veda Pingale | KPMG | Food delivery app consultation | Shivkumar Goel |
| 42 | Manisha | IVP | Pension Fund | Mona Deshmukh |
| 45 | Ritu Bhatt | NA | AI Snake Game | Vaishali Gatty |
| 48 | Shraddha Shinde | DWebBox | Amyraa Eco System | Dr.Dhanamma Jagali |
| 1 | Monish Shetty | Zeus Learning | | Dr. Ramesh Solanki |
| 2 | Shrutesh Karam | TCS | GPCMC (Global Procurement and Cost Management | Mona Deshmukh |
| 3 | Atharva Kale | KPMG | | Dr.Dhanamma Jagli |
| 4 | Shruti Naik | General Mills | Centre) | Sunny Nahar |
| 5 | Vinod Nayak | General Mills | | Dr. Ramesh Solanki |
| 6 | Shubham Bendal | CleverTap | USE CASE ASSISTANCE | Ameya Parkar |
| 7 | Hrishikesh Gawas | General mills | Enterprise Project | Dr Shivkumar Goel |
| 11 | Komal Guram | MetaMorphosys Technologies | DIGITAL CLAIMS PLATFORM IMPLEMENTATON | Ameya Parkar |
| 15 | Raja Gwalani | BNP Paribas | Release Management Process | Monali Rajput |
| 16 | Akansha Rai | Clariant | DATA INTEGRATION PLATFORM<br><br>DYNAMIC 365 CRM ANALYTICS | Mona Deshmukh |

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| 17 | Mamali Maharana | IVP | DATAWARE HOUSE IMPLEMETATION | Ameya Parkar |
| 18 | Gauri Shetye | Network Marvels | Log analysis system | Dr.Dhanamma Jagli |
| 19 | Yash Tembhare | Adjetter Media Network Pvt Ltd | Cruise Microservice | Vaishali Gatty |
| 20 | Sara Balbale | Dark horse digital | | Indira Bhattacharya |
| 21 | Ashwin Pillai | General Mills | Modernization of Analytics API | Sunny Nahar |
| 22 | Moin Ghadiyali | Nomura | | Sunny Nahar |
| 23 | Shubham Nachare | Mosaik | User Experience and the Idea of Design in HCI | Mona Deshmukh |
| 26 | Nishant Khalate | Nomura | Rules Automation | Dr. Shiv kumar Goel |
| 27 | Shreya Bhavsar | Nomura | Cash Manager Automation | Dr. Shiv kumar Goel |
| 28 | Mrunmayi Gahivade | Netmonastery | DNIF HYPERSCALE SIEM | Dr. Shiv kumar Goel |
| 29 | vrushali khavanekar | 63 Moons | ELECTRONIC DATA SUBMISSION | Ameya Parkar |
| 30 | Rahul Mishra | Pelican.ai | ICASS | Ameya Parkar |
| 33 | Akshata Patil | Netmonastery | DNIF HYPERSCALE SIEM | Ameya Parkar |
| 39 | Veda Pingale | KPMG | Food delivery app consultation | Shivkumar Goel |
| 42 | Manisha | IVP | Pension Fund | Mona Deshmukh |
| 48 | Shaikh Arbaaz | Nomura | | Indira Bhattachariya |
| 49 | Siddhesh Chavan | Quantiphi | Property World | Dr. Shiv kumar Goel |
| 50 | Prajakta Nandawade | KPMG | | Dr. Dhanamma Jagli |
| 51 | Arya Varma | KPMG | Tax Data Hub | Dr.Meenakshi Garg |
| 62 | Karthik Iyer | CleverTap | CleverTap Notification and Retention Management | Dr. Shiv kumar Goel |

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| 65 | Kishor Singh | NSEIT | Candidate Surveillance Module | Vaishali Gatty |
| 66 | Parth mhatre | NSEIT | Candidate Surveillance Module | Monali Rajput |
| 67 | Rupesh Bovalekar | PayNearby | OPTIMUS PRIME | Ameya Parkar |
| 68 | Chiranjit Singh | MetamorphoSys | Rule Engine | Vaishali Gatty |
| 69 | Jennifer Preetam Kumar | Pelican. ai | ON-ROAD VEHICLE BREAKDOWN ASSISTANCE (ORVBA) | Ruchi Rautela |
| 70 | Siddhesh Waman | LTTS | EMPLOYEE MANAGEMENT SYSTEM | Ameya Parkar |
| 71 | Saurabh Rewadkar | Pelican. ai | ICASS | Sunny Nahar |
| 72 | Rutvik Lhase | General Mills | | Monali Rajput |
| 73 | Ribeka Kallepally | TCS | Bill Splitter App | Ruchi Rautela |
| 74 | Afzal Sayyed | MetamorphoSys | Digital Claims Platform | Mona Deshmukh |
| 75 | Pallavi Nikam | BNP Paribas | Easy Testing tool | Vaishali Gatty |
| 77 | Vidya Surbhi | Dark Horse Digital Solution | Loan Processor | Ruchi Rautela |
| 78 | Ronak Pathare | TSS Consultancy | TRANSACTION MONITORING | Ameya Parkar |
| 80 | Sahil Goliwar | Wonder Peak Tech Pvt. Ltd. | “Clothing WebApp using Web 3.0” | Sunny Nahar |
| 81 | Mukhul Menon | Wonder Peak Tech Pvt. Ltd. | “Clothing WebApp using Web 3.0” | Mona Deshmukh |