



VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

Department of Computer Engineering

परिख्य

A Computation of Dreams

May 2021 ● Issue 13

Message from the Department

This is unnatural. This is unwanted. But this is necessary, and you're not alone.

I would like to thank all for staying home and staying safe amidst the novel coronavirus outbreak.

I know things have been hard lately. Classes are now virtual, you can't go to events on campus with your friends or meet up with colleagues for lunch. Hardly anything is the same as it was just a year back. The effects of the pandemic have been greater than many expected, still all of us practicing sound judgment and patience is truly appreciable and admirable.

The COVID-19 pandemic has brought plenty of inconvenience and discontent to the world, but it may also be leading us to better times to the new normal. You — the budding Researchers and Engineers can view this as a unique opportunity to seek out new challenges. This pandemic has changed lifestyles drastically, and discussions regarding life in the COVID-19 era are already under way. Your talent and flexibility, coupled with a solid knowledge of advanced science and technology, will allow you to create real impact as the world emerges from this crisis.

Take Extreme care of yourself and each other and no matter what happens this year, be proud of yourself, your resilience and your ability to adapt to extreme circumstances.

Stay Home!! Help Others, Help Yourself, Help All !



Mrs. Mannat
Doultani

Our Vision

To create center of excellence in computing by imparting quality education for developing competent professionals.

Our Mission

To provide enabling environment through excellence in teaching & learning to contribute towards industry and society.

To promote and strengthen interdisciplinary approach in innovation, creativity and research.

To facilitate productive employment and higher studies with entrepreneurial attitude and professional ethics.

What's Inside

Faculty Contributions

Student Portfolio

**“The very reason for
nature's existence is for the
education of the soul.”**

– Swami Vivekananda

Faculty Contributions

Courses Conducted for Faculties

Short Term Training Programs for Faculties

Faculty Contributions

- ◆ Courses Conducted for Faculties
- ◆ Workshops Conducted by Faculties
- ◆ Courses Attended by Faculties
- ◆ Skill Development Activities
- ◆ Research Forum Activities
- ◆ Interaction with the outside world
- ◆ Accomplishment

Vivekanand Education Society's Institute of Technology

AICTE Sponsored

Online Short Term Training Program (STTP) Series on **"Blockchain and Its Applications"**

Organized by Department of Information Technology In Association with Department of Computer Engineering & Department of Master of Computer Applications

Phase - 1: Introduction to Blockchain Technology (29th March - 3rd April 2021)
Phase- 2: Blockchain Platforms & Applications (26th April - 1st May 2021)

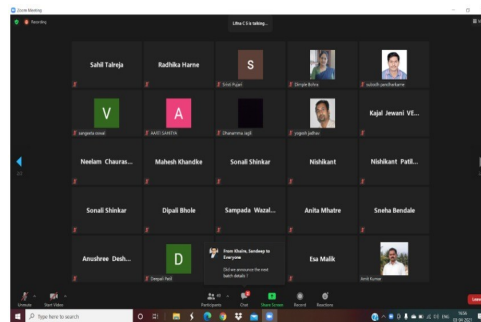
No Registration Fee! Timings: 2 pm - 6 pm
E-Certificate will be provided
Register at : <https://forms.gle/drNQsfn94cqoeGxn8>

Dr. (Mrs.) Shalu Chopra HOD, IT | Dr. (Mrs.) Nupur Giri HOD, CSE | Dr. Shivkumar Goel HOD, MCA
Shri B. L. Boolani President, VES | Dr. (Mrs.) J. M. Nair Principal | Dr. (Mrs.) M. Vijayalakshmi Vice Principal

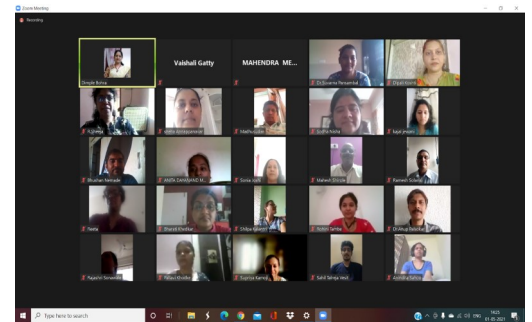
AICTE Sponsored Online Short Term Training Program (STTP) on 'Introduction to Blockchain Technology' was organized in the Phase-I and Phase-II of 'Blockchain & Its Applications' Series by Department of INFT, CMPN and MCA under the guidance of VESIT IQAC and IIC.

Phase-I: **29-03-21 to 03-04-21.**

Phase-II: **26-04-21 to 01-05-21 .**



Phase - I



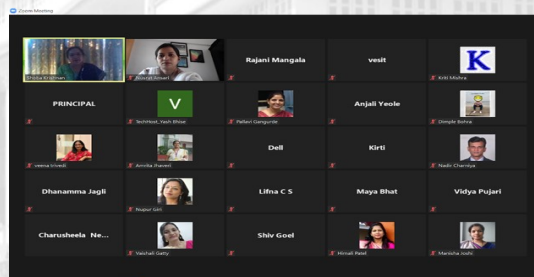
Phase - II

Women Development Cell Activity:

The WDC, IIC and IQAC, organized a special program to commemorate International Women's Day on **20-03-21**, Saturday between 2 p.m. and 5 p.m. Three women achievers shared their experience. -

- ◆ Ms. Shanti Raghavan- EnableIndia - Founder
- ◆ Ms. Suprabha Marathe - Coastal Road Project, (MCGM) - Chief Engineer
- ◆ Ms. Usha Rajendiran - Charles - Schwab Director

The activities were conducted under guidance of Dr. Nupur Giri. It was hosted by Ms. Nusrat Ansari.



"Dream, Dream, Dream, Dream transform into thoughts and thoughts result in action."

—Dr. A.P.J. Abdul Kalam

Courses Conducted by Faculties

Workshops/ Courses Conducted:

- ◆ Dr. Nupur Giri was Subject Expert in Project Monitoring Committee for AICTE Sponsored STTP on **'Blockchain & Its Applications'** (Multiphase) Phase - I: Introduction to Blockchain Technology (29-03-2021 to 03-04-2021) Phase- II: Blockchain Platforms & Applications (26-04-21 to 01-05-21) organized by the INFT, CMPN and MCA VESIT.
- ◆ Dr. Anjali Yeole conducted **'IoT Fundamentals'** on 01-05-2021, **'IoT Case studies and Simulation in Cooja Software'** on 03-05-2021, and **'IoT Challenges'** on 05-05-2021 during an expert talk for Ph.D. and MTech students organized by Department of Mechanical Engineering, Somaiya Vidyavihar University.
- ◆ Mrs. Priya R L conducted a talk on **'Technical Paper Presentation'**, on 10-04-2021 organized by IEEE, VESIT.
- ◆ Mr. Richard Joseph conducted Guest Lecture on **'Search Algorithms in ML'** on 16-03-2021 and **'DBSCAN & DBSCALE'** on 18-03-2021 organized by Xavier Institute of Engineering, Mahim.

Workshops/ Courses Organized:

- ◆ Dr. Sujata Khedkar, Mrs. Lifna C. S. & Mrs. Mannat Doulatani organized AICTE Sponsored STTP on **'Blockchain & Its Applications'** (Multiphase) Phase - I: Introduction to Blockchain Technology (29-03-2021 to 03-04-2021) Phase- II: Blockchain Platforms & Applications (26-04-21 to 01-05-21) organized by the INFT, CMPN and MCA VESIT.
- ◆ Dr. Sharmila Sengupta & Mrs. Lifna C. S. coordinated research forum talk on **'Machine Learning'** organized by VESIT IIC on 13-03-2021.
- ◆ Dr. Anjali Yeole, coordinated **'Orientation session & Mentoring session'** for all students & faculties organized by Innovation Ambassador on 10-04-2021 conducted by VESIT IIC.

Courses Attended by Faculties

- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Anjali Yeole and Mrs. Lifna C. S. attended Workshop on **'Intellectual Property Rights (IPR) and IP Management for Startup'** organized by VESIT-IQAC and IIC on 03-04-2021.
- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Sharmila Sengupta, Dr. Anjali Yeole, Mrs. Vidya Zope, Mrs. Indu Dokare, Mrs. Kajal Jewani, Mrs. Nusrat Ansari, Mr. Richard Joseph and Ms. Ashwini Gaikwad attended **'Mentoring session for all students & faculties'** by Innovation Ambassador organized by VESIT-IQAC and IIC on 10-04-2021.
- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Sharmila Sengupta, Mrs. Rohini Temkar, Dr. Anjali Yeole, Mrs. Vidya Zope, Mrs. Indu Dokare, Mrs. Priya R.L, Mrs. Lifna C S, Mrs. Abha Tewari, Mrs. Kajal Jewani, Mrs. Pallavi Gangurde, Mrs. Nusrat Ansari, Mr. Sanjay Mirchandani, Mrs. Sunita Suralkar, Mrs. Rupali Hande, Mrs. Pallavi Saindane, Mrs. Sunita Sahu, Mr. Richard Joseph, Mrs. Richa Sharma, Mrs. Mansi Talreja, Mrs. Veena Trivedi and Ms. Ashwini Gaikwad attended e-session on **'National Education Policy 2020 (NISP)'** organized by VESIT-IQAC on 30-01-2021.

Courses Attended by Faculties

- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Sujata Khedkar, Dr. Sharmila Sengupta, Mrs. Geocey Shejy, Mrs. Rohini Temkar, Dr. Anjali Yeole, Mrs. Indu Dokare, Mrs. Priya R.L, Mrs. Lifna C S, Mrs. Abha Tewari, Mrs. Pallavi Gangurde, Mrs. Nusrat Ansari, Mr. Sanjay Mirchandani, Mrs. Sunita Suralkar, Mrs. Pallavi Saindane, Mrs. Sunita Sahu, Mr. Richard Joseph, Mrs. Mansi Talreja, Mrs. Veena Trivedi and Ms. Ashwini Gaikwad attended E-Session on **'Identifying Intellectual Property Component at an early stage of Innovation'** organized by Vivekanand Education Society's Institute of Technology In association with VESIT IQAC and IIC on 30-04-2021.
- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Sujata Khedkar, Dr. Sharmila Sengupta, Dr. Anjali Yeole, Mrs. Lifna C S, Mrs. Abha Tewari, Mrs. Kajal Jewani, Mrs. Nusrat Ansari and Mrs. Sunita Sahu attended **'Talk by Women Entrepreneurs & Achievers'**, on occasion of International Women's Day Celebration on 20-03-21 organized by VESIT-WDC in association with VESIT IQAC and IIC.
- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Sujata Khedkar, Dr. Sharmila Sengupta, Dr. Anjali Yeole, Mrs. Vidya Zope, Mrs. Priya R.L, Mrs. Abha Tewari, Mrs. Kajal Jewani, Mrs. Pallavi Gangurde, Mrs. Nusrat Ansari, Mrs. Sunita Sahu, Mrs. Veena Trivedi and Ms. Ashwini Gaikwad attended Webinar on **'Inception, Irrigation, Harvest and Innovation need to build Atmanirbhar India'** organized by VESIT-Research Forum and IQAC on 01-05-2021.
- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Sujata Khedkar, Dr. Sharmila Sengupta, Dr. Anjali Yeole, Mrs. Vidya Zope, Mrs. Indu Dokare, Mrs. Abha Tewari, Mrs. Kajal Jewani, Mrs. Pallavi Gangurde, Mrs. Nusrat Ansari, Mrs. Sunita Suralkar, Mrs. Pallavi Saindane, Mrs. Sunita Sahu, Mr. Richard Joseph, Mrs. Richa Sharma, Mrs. Veena Trivedi and Ms. Ashwini Gaikwad attended Research Talk on **'Current Research Trends in Machine Learning'** organized by VESIT-IQAC and IIC, Department of Computer Engineering, VESIT Research Forum, VESIT IIC on 13-03-2021.
- ◆ Dr. Nupur Giri, Dr. Gresha Bhatia, Dr. Sujata Khedkar, Dr. Sharmila Sengupta, Dr. Anjali Yeole, Mrs. Vidya Zope, Mrs. Indu Dokare, Mrs. Kajal Jewani, Mr. Sanjay Mirchandani, Mrs. Rupali Hande, Mr. Richard Joseph and Ms. Ashwini Gaikwad attended the **'Orientation session by Innovation Ambassador Dr. R.Parameshwaran & Mentoring Session by Innovation Ambassador'** Dr. Aarti Milind Karande organized by VESIT-IQAC on 10-04-2021.
- ◆ Dr. Sujata Khedkar, Dr. Sharmila Senguptata and Dr. Anjali Yeole attended Discussion on **'Time series analysis and its applications'** organized by VESIT-IQAC on 30-04-2021.
- ◆ Dr. Sharmila Sengupta attended Webinar **'The Step-by-Step Guide to Write a Review Paper and Publish It!'** organized by Research Graduate on 20-03-2021 .
- ◆ Dr. Sharmila Sengupta attended e-session on **'Online panel discussion with Innovation and Startup Ecosystem Enablers'** organized by VESIT- Institution's Innovation Council (IIC) on 17-04-2021.
- ◆ Dr. Sharmila Sengupta attended ATAL-Online FDP on **'Artificial Intelligence in Computer Vision'** organized by LD college of Engineering, Ahmedabad organized by AICTE Department of Information Technology, PSNA College of Engineering and Technology, Dindigul from 04-01-2021 to 08-01-2021.
- ◆ Mr. Prashant Kanade attended STTP on **'AI and DEEP Learning for Computational Biology'** organized by PSNA college of Engineering and Technology from 01-02-2021 to 06-02-2021.
- ◆ Mrs. Geocey Shejy attended **'DSCI India's AI & ML Cyber Security Capabilities Report Virtual Launch'** organized by DSCI on 24-02-2021.
- ◆ Mrs. Geocey Shejy, Mrs. Rohini Temkar, Mrs. Kajal Jewani and Mrs. Pallavi Gangurde attended STTP on **'Blockchain & it's Application (Phase - I)'** organized by VESIT in association with IIC and IQAC from 29-03-2021 to 03-04-2021.

"All of us do not have equal talent. But, all of us have an equal opportunity to develop our talents." - Dr APJ Abdul Kalam

Courses Attended by Faculties

- ◆ Mrs. Geocey Shejy, Mrs. Rohini Temkar, Mrs. Vidya Zope and Mrs. Kajal Jewani attended STTP on **'Blockchain & it's Application (Phase - II)'** organized by VESIT - In association with VESIT IQAC and IIC from 26-04-2021 to 01-05-2021.
- ◆ Dr. Anjali Yeole attended TCET's IQAC National Symposium On The Theme **'Enhancing Quality and driving change in Higher and Technical Education Through NEP 2020'** organized by TCET's IQAC on 27-04-2021.
- ◆ Dr. Anjali Yeole attended FDP on **'Design Thinking'** from C. V. Raman Global University (Formerly C. V. Raman College of Engineering) Bhubaneswar organized by C. V. Raman Global University from 04-01-2021 to 08-01-2021
- ◆ Mrs. Priya R.L attended Pre-Conclave Workshop-1 on **'AI for eScience'** organized by IBM, Bangalore on 07-01-2021.
- ◆ Mrs. Priya R.L attended Pre-Conclave Workshop-2 on **'Semantic Search - The Current Frontier of Search Technology'** organized by IBM, Bangalore on 08-01-2021.
- ◆ Mrs. Abha Tewari attended ATAL-Online FDP on **'Emerging Technologies in Healthcare: IOT, AI, Computational Neuroscience and wearable technology'** organized by LD college of Engineering, Ahmedabad on 18-01-2021.
- ◆ Mrs. Abha Tewari attended an e-session on **'Data Mining with R organized'** by Department of MCA In association with VESIT IQAC and IIC & Adhoc BOS,MU on 27-02-2021.
- ◆ Mrs. Mannat Doultani attended an Online workshop on Universal Human Values on the theme **'Inculcating Universal Human Values in Technical Education'** organized by All India Council for Technical Education (AICTE). from 15-03-2021 to 19-03-2021.
- ◆ Mrs. Kajal Jewani attended a course on **'Introduction to Machine Learning organized by Global AI Hub AI Business'** on 08-01-2021.
- ◆ Mrs. Rupali Hande , Mrs. Pallavi Saindane, Mrs. Sunita Sahu, Mrs. Richa Sharma attended Online FDP on **'Blockchain'** organized by AICTE Training And Learning (ATAL) Academy at Indian Institute of Technology Ropar from 11-01-2021 to 15-01-2021
- ◆ Mrs. Sunita Suralkar, Mrs. Rupali Hande, Mrs. Sunita Sahu and Mrs. Mansi Talreja attended STTP on **'Research Trends in Computer Engineering and Information Technology (RTCEIT-2021)'** organized by Smt. Kashibai Navale College of Engineering, from 04-01-2021 to 09-01-2021.
- ◆ Mrs. Sunita Suralkar attended AICTE Sponsored Virtual STTP on **'Leveraging Artificial Intelligence and Data Analytics for Healthcare'** organized by K J Somiya, Vidyavihar from 04-01-2021 to 09-01-2021.
- ◆ Mrs. Sunita Suralkar, Mrs. Rupali Hande and Mrs. Sunita Sahu attended three day e-program on **'Ensuring Physical and Mental Well-being during COVID (EPMW)'** organized by Veermata Jijabai Technological Institute, Mumbai, Organized By Center of Excellence (CoE) in Complex Nonlinear Dynamical Systems (CNDS), Department of Electrical Engineering under TEQIP-III from 27-02-2021 to 01-03-2021.
- ◆ Mrs. Pallavi Saindane attended Online FDP on **'Augmented Reality (AR)/ Virtual Reality (VR)'** organized by AICTE Training And Learning (ATAL) Academy at Jawaharlal Nehru Technological University Anantapur College of Engineering Anantapuram from 05-01-2021 to 09-01-2021
- ◆ Mr. Richard Joseph attended STTP on **'Artificial Intelligence in Geospatial Technology for Sustainable Development'** organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai from 11-01-2021 to 15-01-2021.

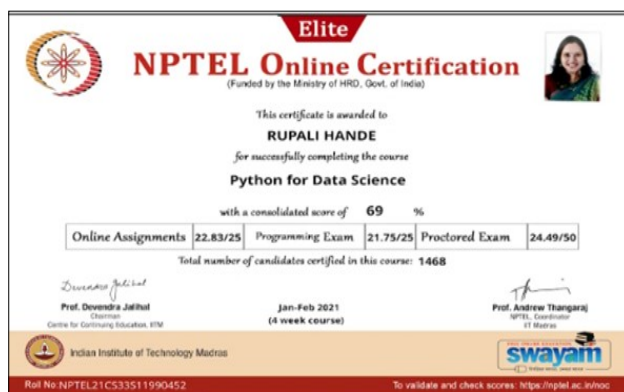
Orientation Attended by Faculties

- ♦ Mrs. Abha Tewari attended Faculty Orientation Programme on **'Operating System and UNIX Lab'** organized by KJSIEIT, Mumbai University on 02-02-2021.
- ♦ Mrs. Pallavi Gangurde, Mrs Nusrat Ansari and Mr. Sanjay Mirchandani attended Faculty Orientation Program on **'Python Programming (ECL404)'** Rev 2019 'C Scheme organized by Terna Engineering College, Navi Mumbai on 17-02-2021.
- ♦ Mrs. Pallavi Gangurde, Mrs Nusrat Ansari and Mr. Sanjay Mirchandani attended Faculty Orientation Program on **'Mini Project 1B (ECM401)'** Rev 2019 'C Scheme organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai on 18-02-2021.

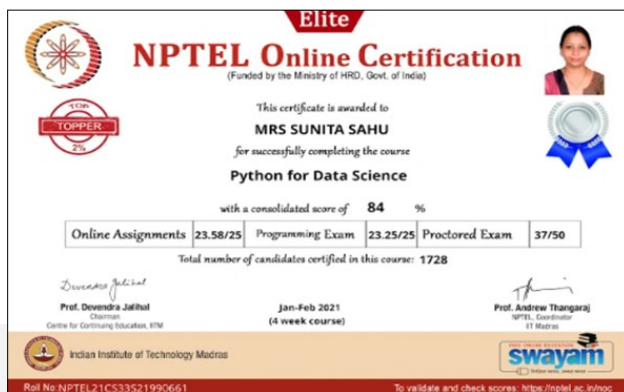
Skill Development Activities

Certifications

NPTEL Certifications



Ms. Rupali Hande attended NPTEL course **Python for Data science** by IIT Madras for 4 weeks.



Mrs. Sunita Sahu attended NPTEL course **Python for Data science** by IIT Madras for 4 weeks.

NITTT Certifications

- ♦ Mrs. Pallavi Gangurde, Mr. Sanjay Mirchandani, and Mr. Richard Joseph attended NITTT course on **Orientation towards Technical Education & Curriculum Aspects** organized by AICTE.
- ♦ Mrs. Pallavi Gangurde and Mr. Sanjay Mirchandani attended NITTT course on **Professional Ethics Sustainability** organized by AICTE.

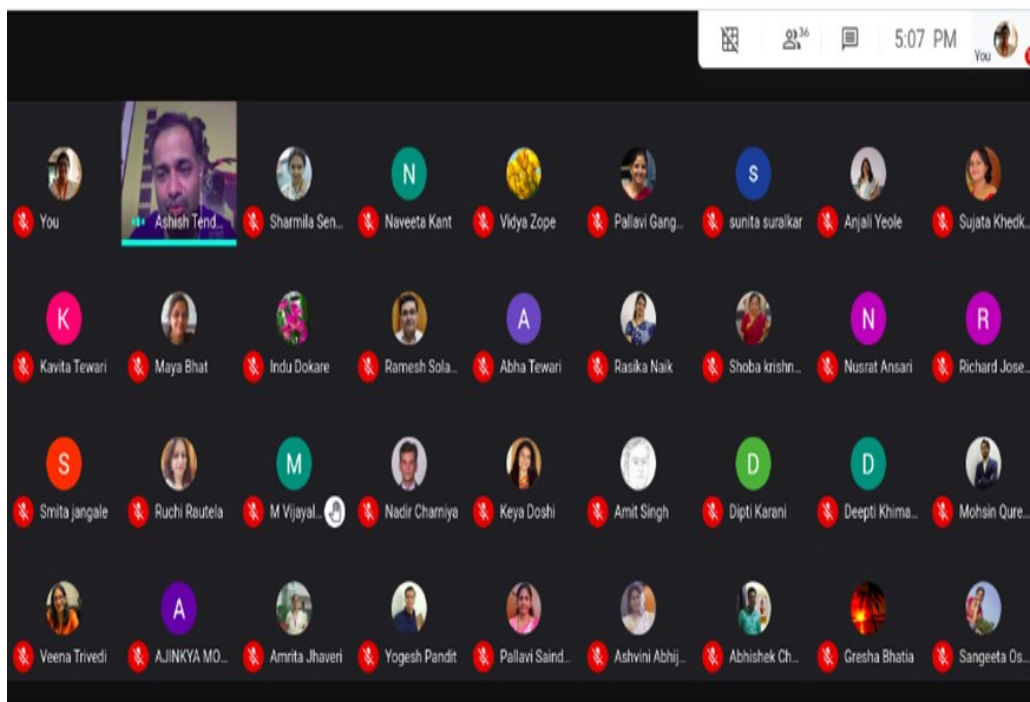
Competitive Exams

- ♦ Mrs. Vidya Zope, Mrs. Kajal Jewani, Ms. Pallavi Gangurde, Mrs Nusrat Ansari, Mrs. Sunita Suralkar, Mrs Ashvini Gaikwad qualified **Ph.D. Entrance Test (PET) 2021** organized by University of Mumbai.

“All our dreams can come true, if we have the courage to pursue them.”
– Walt Disney.

Research Forum Activities

Expert Talks



Dr. Ashish Tendulkar conducted a research talk on **Current Trends in the Machine Learning** organized by CMPN under VESIT Research Forum in association with VESIT IQAC, VESIT IIC on 13-03-21.

Research Papers Published

Around **31 Research Papers** were published in various International/National Journals and Conferences of repute.

Patent Filed

Ref.No.-202121021574

App.No.-TEMP/E-1/23986/2021/MUM

Date - 13/05/2021

CBR No.-11111

Name of Inventors- Dr.Gresha Bhatia, Mrs.Abha Tewari, Mr.Abhinav Sharma, Mr.Dhiren Soneji, Mr.Shubham Mishra

Title of the Invention- **System to Monitor and Implement COVID Appropriate protocol**

Area- Artificial Intelligence

Interaction with outside world

Conference / Journal Reviewer / Session Chair

Dr. Nupur Giri, Dr. Gresha S Bhatia, Dr. Sujata Khedkar, Dr. Sharmila Sengupta, Mr. Prashant Kanade, Dr. Anjali Yeole, Mrs. Indu Dokare and Mrs. Sunita Sahu are reviewers for different National /International Journals and Conferences.

Interaction with outside world

Industry Interactions



Meeting with United Global Health Team

Myraa Technologies:

Meeting was held on 20-04-21 between the Department and **Myraa Technologies** to establish a connection as research and knowledge partners. Meeting attended by:

- Ms. Shilpa (Myraa Technologies)
- Dr. Mrs. Nupur Giri (H.O.D)
- Dr. Gresha Bhatia (Dy H.O.D)
- Dr. Mrs. Sharmila Sengupta
- Mrs. Priya R. L.

United Global Health:

Meeting was held on 22-03-21 at VESIT Campus regarding the project proposal on "Arogya sAhAyyaK- A Telemedicine App". It was attended by Dr. Shiv A.M Kumar, CEO/Managing Director, **United Global Health**, Dr. J. M. Nair (Principal VESIT), Dr. Nupur Giri (Head of the Computer Engineering Department and Professor) and the entire VESIT-CMPN Team Members.

- Dr. Gresha Bhatia (Dy H.O.D)
- Dr. Mrs. Sharmila Sengupta
- Mrs. Priya R. L.
- Mrs. Abha Tewari
- Mrs. Sunita Suralkar
- Mrs. Sunita Sahu
- Mrs. Pallavi Saindane
- Mr. Richard Joseph

Accomplishment

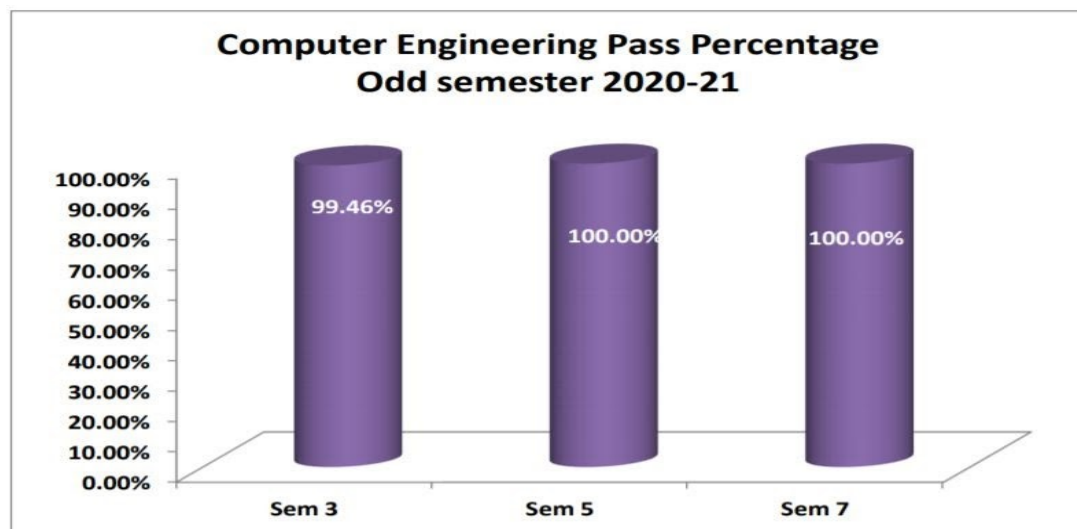


Dr. Mrs. Sujata Khedkar was conferred with Ph.D. through online open defence on 23-02-21 on the topic "Big Data Analytics for Business Intelligence", under the guidance of Dr. Subhash K. Shinde, Thadomal Sahani COE, Bandra by University of Mumbai.

Student Portfolio

Student Achievements

Academic Excellence



Placements

40 companies visited the campus through virtual mode (Online) since July 2020 which includes:



“The secret of getting ahead is getting started.”

– Mark Twain.

Student Portfolio

- ◆ Student Achievements
- ◆ Placements
- ◆ Skill Development Activities
- ◆ Student Participations in Workshops
- ◆ Project Innovation / Competitions
- ◆ Participation
 - ◆ Inter-College Competition
 - ◆ Intra-College Competitions
- ◆ Alumni Interaction
- ◆ Internships
- ◆ Scholarships
- ◆ Other Achievements

Placements

83%

of eligible and interested students placed till date.

Highest salary :
15 Lacs/Annum.

Average salary :
6 Lacs/Annum

118 students got dream job Offers.

Best Achievers in the Placements 2020-2021



Salary - 15 LPA



MARWAL GAURAV
D17A



RAUTE ADITYA
D17C



SRIVASTAVA ADITYA
D17C



Salary - 14 LPA

AWATRAMANI PRIYANKA
D17A

BHAVE MOHINI
D17A

DEOPURKAR ADITYA
D17A

IDNANI KARAN
D17A

PARCHANI DRISHTI
D17A

RANE PRATIK
D17A

TAMBE SARTHA
D17A

TANWANI JAYA
D17A

VAIDYA ANISH
D17A

AMIN ANJALI RAVI
D17B

BADGUJAR PURVA
D17B

CHANDWANI TINA
D17B

DULERA MEETALI
D17B

IYER SREEVIDYA
D17B

SOMAI NEELAM
D17B

VASWANI ANMOL
D17B

SHINDE TANVI
D17C

JOSHI RAJ
D17C

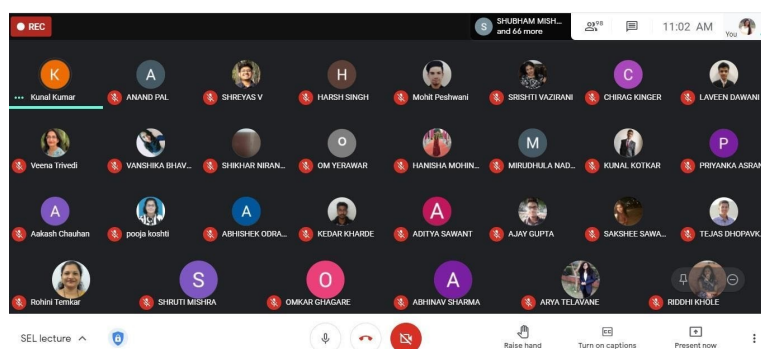
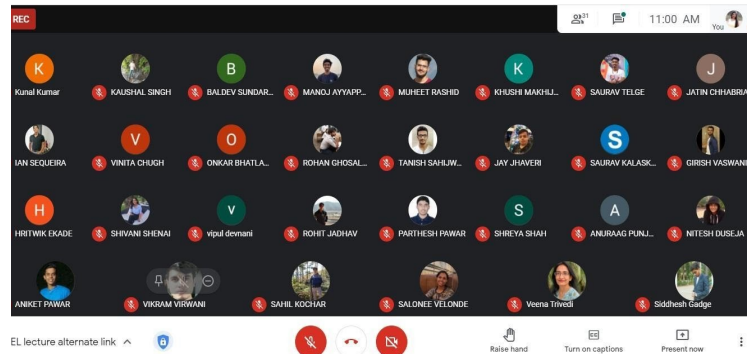
Competitive Exams

28 students have appeared for different competitive exams like GRE, TOEFL, GATE, CAT, AFCAT, NMAT by GMAC

Skill Development Activities

Skill Enhancement Lecture

An expert session on **'Product Management'** was conducted by Mr. Kunal Kumar, Product Manager, Rebel Foods Pvt Ltd, Mumbai for the subject of Software Engineering on 14-05-21 for third year students.



Participants attending the SEL session

Certifications

Microsoft Certifications

Total: 32

Machine Learning: 25

Data Science: 07

NPTEL Video Lectures

- NPTEL Video Lecture was conducted for second year students on the topic **'Concurrency Control'** by Dr. Partha Das , IITK on 15-05-21.
- NPTEL Video Lecture was conducted for second year students on the topic **'Fundamentals of Blockchain Theory'** by Prof. Praveen Jaychandran , IITK on 10-05-21.
- NPTEL Video Lecture was conducted for fourth year students on topic **'India wide Cross-Lingual Information Access - NLP Application IR'** by Prof. Pushpak Bhattacharya , IITM on 12-05-21.
- NPTEL Video Lecture was conducted for fourth year students on topic **'User Centric Design Evaluation'** by Prof. Samit Bhattacharya, IIT Guwahati on 13-05-21.

"The miracle is not that we do this work, but that we are happy to do it."
– Mother Teresa

Student Participation in Workshops

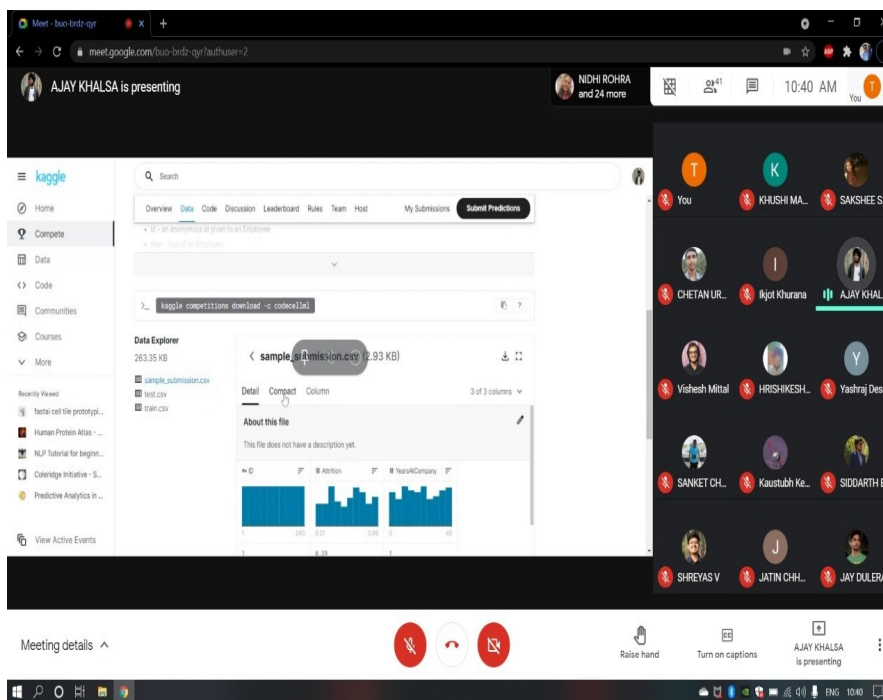
Codecell Activities:

Codecell's Inclass Kaggle Competition (48 hour competition started at 11:30 A.M on 27-03-21) on **'Predictive Analytics in Human Resources'** in association with VESIT - IIC & VESIT - IQAC.

Organizing Committee Members (Staff):

- Dr. Mrs. Nupur Giri (H.O.D)
- Prof. Mr. Prashant Kanade
- Prof. Mr. Richard Joseph
- Prof. Mrs Geocey Shejy

And Codecell Student Council



Screenshot of Codecell Event

Winners of the competition

Algorithmic Aces

Rashmi Manwani,
Puneet Meghrajani

Prizes:

- 1 Year Zee5 Membership
- Free size upgrade on your Starbucks beverage for a year once a month
- Myntra & Nykaa Discount Vouchers

Deep Matrix

Kedar Kharde,
Sanket Jangale

Prizes:

- 6 Months Google One Subscription
- Burger King 5 in 1 Combo in 299/- once a month combo
- 1 Year Ganna Plus Subscription

Blank

Paras Patil

Prizes:

- 6 Months SonyLiv Subscription
- MensXP Vouchers Discount
- Udemy Vouchers Discount
- 1 Year Dineout Membership

Project Innovations / Competitions

Toyathon 2021 :

Total two Projects were submitted out of which one got selected for the finals. Details are given below:

Team members: Maitryee Choudhary, Radhika Katiyara, Nikhita Iyer, Drishti Katiyara

Mentors: Mrs. Priya R. L and Mrs. Mannat Doutlani

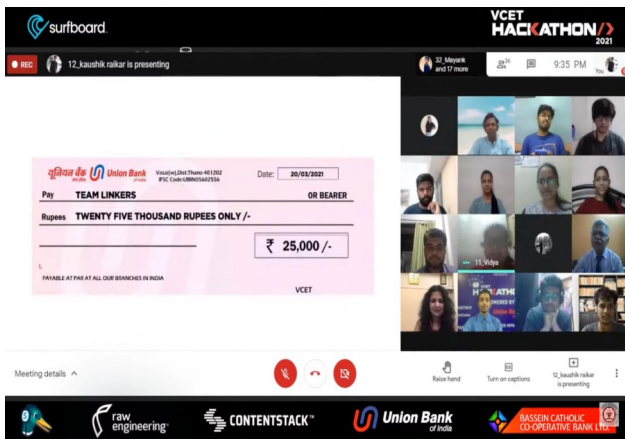
Topic: Ethnicity of India: Diversity in culinary practices. **विविध** ekyam Bharat

Chatra Vishwakarma Awards 2021:

Two groups have participated in the regional convention.

Avishkar Research Convention, University of Mumbai:

Total two Projects were submitted for the convention.



VCET Hackathon Award Ceremony

VCET Hackathon 2021:

Project Title: BrightSide - Creative Learning For Creative Minds

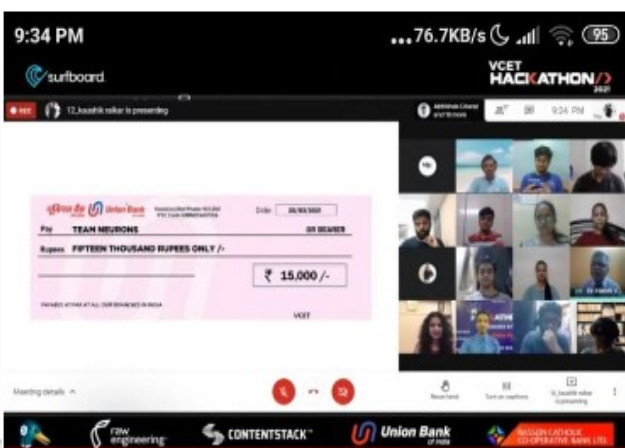
Teams Members:

- Jyotsna Dusane
- Sonal Misal
- Priyanka Patil
- Vidya Katara

Mentor :

Mrs. Sunita Suralkar

Achievement: First Position



Project Title: Mask Detection System

Teams Members:

- Mohit Balani
- Rohit Vadhyia
- Navin Kachhela

Mentor :

Mrs. Abha Tewari

Achievement: Second Position

LBS 2021:

Project Title: DRISHTI (Automated Exam Surveillance System)

Team Members: Omkar Mane, Advait Naik, Aditya Gurnani, Krish Amesur

Total seven projects from CMPN were shortlisted for LBS 2021 final round out of which the above project was awarded **Second Position** .

Project Innovations / Competitions

VNPS : VCET'S National Level Project Showcase 2021

AiDD: Assisting ADHD children

Team Members: Dimple Nachnani, Swarangi Dali, Etisha Mathurvaishya, Sakshi Haswani

Mentor: Dr. Mrs. Sharmila Sengupta

Achievements: Winners



sVana 2.0 Bringing Light and Dark Together

Team Members: Nilesh Rijhwani, Sartha Tambe, Janhvi Patil, Aishwarya Goythale

Mentor: Phase-I: Mrs. Pallavi Saindane

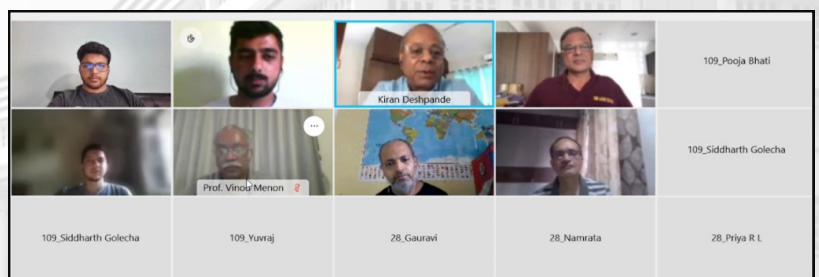
Phase-II: Mrs. Richa Sharma

Achievements: Winners



E-Yantra 2021 :

Total three projects were selected for the national finals



E-Yantra 2021 Evaluation Round

“Failure will never overtake me if my definition to succeed is strong enough”.

- Dr APJ Abdul Kalam

Project Innovations / Competitions

Technology Day, Pradarshan 2021:

Department of Computer Engineering, V.E.S.I.T conducted a project competition on its Technology Day, 17-05-21 in association with VESIT IQAC. Total 21 teams were shortlisted on this Technology Day. The projects were judged by our alumni and senior faculty members.

Fourth Year

Winner

Nayan- Narrator for the visually impaired

Saurav Pramod Ubarhande,
Akash Magdum,
Hritvik Pawar,
Soham Phutane
Mentor: Dr. Mrs. Sharmila Sengupta

Second Position

Predicting Floods as a Consequence of Deforestation

Varad Kshemkalyani,
Heer Kukreja,
Pratheek Menon,
Reuben Thomas
Mentor: Abha Tewari

Third Position

COVID-19 Care

Srivatsan Iyengar,
Krish Mahadevan,
Nikhil Joshi,
Meher Singh
Mentor: Mrs. Vidya Zope

Third Year

Winner

KIDsvIEW -A PARENT'S COMPANION

Omkar Mane,
Advait Naik,
Aditya Gurnani,
Krish Amesur
Mentor: Mrs.Sujata Khedkar

Second Position

Textlytic - Automatic Project Summarization

Riya Menon,
Namrata Tolani,
Gauravi Tolamatti,
Akansha Ahuja
Mentor: Mrs.Priya R.L

Third Position

Detecting influential user and influential post in online social media

Vanshika Bhavnani,
Gunjan Bhawsinghka,
Jaishree Golani
Mentor: Mrs. Yugchhaya Galphat/Richa Sharma & Mr. Sanjay M.

Second Year

Winner

Mobile attendance using near field communication

Riya Shukla,
Rutuja Patil,
Prithviraj Chavan,
Vipin Talreja,
Kunal M Wadhvani
Mentor: Dr.(Mrs.) Anjali Yeole

Second Position

Web site for Smart contract based Cooperative Industry Model -for Farmers

Yashraj Desai,
Shreyas Poojari,
Mihir Rane,
Aniket Dewnani,
Harsh Yogesh Lulla
Mentor: Dr. (Mrs) Nupur Giri

Third Position

Sign Language Recognition

Aashish Nair,
Sourabh Bera,
Sneha Karthik,
Manasvi Patwa
Mentor: Mr. Richard Joseph

Participation in Inter College Competitions

Co-curricular Activities

- Jyotsna Dusane (D17C) was **1st Runner Up** in Innovations 2021 organized by CSI SIESGST (Online) on 10-04-21.
- Sonal Misal (D17C) was **1st Runner Up** in Innovations 2021 organized by CSI SIESGST (Online) on 10-04-21 .
- Swarangi Dali (D12C) was **Finalist** in VCET Hackathon organized by Vidyavardhini's College of Engineering & Technology (Online) on 19-3-21.
- Mrunmayee Waingankar (D7C) was **Finalist** in VCET Hackathon organized by Vidyavardhini's College of Engineering & Technology (online) on 19-03-21 - 20-03-21.

Dhiren Soneji (D12A) participated in the Competition for Budding Innovators organized by IEEE Sight Bombay Section (Online) on 21-02-21 and achieved **3rd Position**.



Abhinav Sharma (D12A) participated in the Competition for Budding Innovators organized by IEEE Sight Bombay Section (Online) on 21-02-21 and achieved **3rd Position**.



Vidya Kamal Katara (D17A) was **1st Runner Up** in Innovations 2021 organized by CSI SIESGST (Online) on 10-04-21 .



Extra curricular Activities

- Rohit Jadhav (D12B) participated in Chess event organised by K J Somaiya Vidyavihar (Online) on 14-03-21.
- Shreeja Nanda (D12B) participated in Skill Marathon 2021 organised by IVolunteer on 24-04-21.
- Niyanti Pramod Padave (D7C) participated in Universal Human Values organised by UHV Cell - Mumbai University from 25-01-21 to 30-01-21.

Participation in Intra College Competitions

Co-Curricular Activities



CSI EVENTS : 341



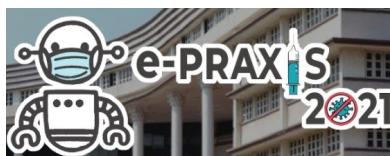
IEEE EVENTS : 245



ISA EVENTS : 59



ISTE EVENTS : 191



PRAXIS EVENTS : 508

Extracurricular Activities



OCTAVES : 13



SORT: 25



SPHURTI: 93



UTSAV : 74

(The above figures represent student participation count)

Alumni Interaction

Scholarship Offered : VESIT Alumni Association handed over scholarship of **Rs. 25000**, (one student per department) to needy students on 31-03-2021.

Internships

Total 22 Internships were successfully completed in reputed industries like Virtually Testing Foundation, QBOID IOTECH Pvt. Ltd., Hindustan Petroleum Corporation Limited (HPCL), The Sparks Foundation, HOPE, Indian National Youth Foundation, Astorianz Private Limited, Ignited Spirits, Trivia Softwares, The Sparks Foundation, Astorian's Industries Pvt. Ltd., Astorian's Industries Pvt. Ltd., Just Get It, Astorian's Industries Pvt. Ltd., Packbagbuddy, Just Get It, Astorianz Private Limited, Trivia Softwares, Internshala and Foxmula.

Scholarships Received

In addition to the scholarships offered in Odd Semester 2020-21, two students, **Ms. Dhanashree Shetty , B.E. & Mr. Ajay Nair, S.E.** received Ohm Jyoti Scholarship for their Academic excellence summing up to **Rs. 1,67,848/-**. Also, as per the interview on 26-03-21, **15 students** from the department were selected for receiving the Suman Tulsiani Scholarship.

Other Achievements

Yash Mate (D17B) and his team **won the ASEAN-India 2021 Hackathon** organized by the Ministry of Education in collaboration with the Ministry of External Affairs during 01-02-21 to 03-02-21. It had participants from 10 South Asian countries excluding India. The problem statement was Blockchain in Logistics.



Devansh Ahuja, Anshul Bahrani, Priya Karsi and Mrs. Sujata Khedkar have received **Best Paper Award** for a paper titled 'Hateful memes, Offensive or Non-Offensive!' presented in the 4th International Conference on Innovative Computing and Communication (ICICC-2021), organized by Shaheed Sukhdev College of Business Studies, University of Delhi, India in association with National Institute of Technology Patna, India and University of Valladolid, Spain from 20-02-21 to 21-02-21.



Mr. Naren Khatwani, Adithya Shrivastava, Raghav Potdar, Rahul Sohandani and Mr. Richard Joseph received **Reviewers Choice Award** for the paper titled "Food Aayush: Identification of Food and Oils Quality" presented in International Conference on Integrated Emerging Methods of Artificial Intelligence & Cloud Computing (IEMAICLOUD 2021), London, UK, 26-04-21 to 29-04-21.



"Don't let the noise of others' opinions drown out your own inner voice."
- Steve Jobs

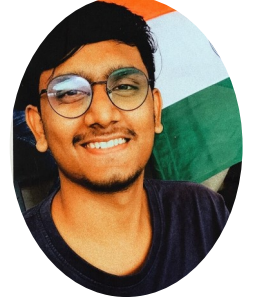
Experience at VESIT CMPN



Smith Gajjar D17A

CMPN VESIT for me has been an amazing journey. I was very skeptical in the beginning, but looking back I realize that CMPN VESIT has played an integral part in shaping me as a person I am today. It feels so good when you get what you always wanted, same happened to me. I always wanted to start off my career by joining a startup, but I knew this wasn't going to be an easy journey, I was always into Development unlike others trying out competitive programming. Though development didn't help me in getting an on-campus placement. There's a saying "You have to fight through some bad days to earn the best days of your life." same happened to me. I was selected as an Intern at Tekie.in and later was offered a Full-Time job. I would say key things to get an off-campus placement are Networking such that interacting with seniors, attending hackathons, developer meetups, which certainly helped me get into Tekie.in, Then Skills and Passion which kept me going. I have had the privilege of working with some of the finest faculties, friends and great teams like Newsletter and CodeCell At CMPN VESIT which always kept pushing me and supported me throughout this time.

"3rd floor of VESIT " where all the fun started. Was there magic in that air or the kindness, enthusiasm of teachers? According to me, both were the same in the case of our teachers. We became familiar with the foreign environment. There was always a mutual understanding between all the members of the 3rd floor. Seniors were like elder cousins and teachers were like friendly parents. Being a hostelite, we never had a feeling of homesickness because of this friendly environment. It felt like a second home to us! Spending time with friends and teachers in lecture was awesome. Fear of failure was near to zero because people here always encouraged us. By looking at people near us, We learned how to lead a team, how to be a calm, composed person in difficult situations. It made a huge impact on our mindset. I can proudly say that I was a small part of the great department. It gave us a great start in our life. Thank you "3rd floor".



Prathamesh Pental D17C

VESIT was not just a college for me it gave me a new life. I find myself very lucky to be a part of VESIT CMPN. It is very lively. There is always a hustle in its air. Some or the other activity, be it sports or culture or technical, Utsav, Praxis something is always happening here. Teachers are very helpful. They are quite talented. They help us land some projects with them and that's the ultimate thing to do at the department. VESIT enjoys a certain aura of its own. Even though it's online since 2020 all the teachers have been so helpful and cooperative. The faculties at CMPN are full of positivity. I can't thank them enough to make my journey easy. As I am a direct second year student but these 3 years at VESIT are full of memories whether it be a classroom or lab, amphi theatre or garden, reception or auditorium every single corner is full of lively memories. There's actually a lot to pen down here.

Every floor has its own story. Each room has its own secrets. The more you put in here, the more you get out of it.

At VESIT, Help Shall Always Be There For Those Who Seek !



Bhavika M. D17C

These four years at VESIT have indeed been a wonderful time. It has been a perfect blend of having fun and working hard. Some of us, such as myself, were introverts initially but have learned to mix with people, have fun, and make memories together. The highlight among these memories was the funny class video we had made in our first year, in which we had sung the theme song of a very popular cartoon show - Kochikame! Also, we're all too familiar with the memories of assignments and submissions.

The Department of Computer Engineering has provided us with tremendous opportunities to enhance our knowledge and hone our abilities. Our teachers have mentored us and have always been a source of inspiration and support. Due to their persistent efforts, we have been able to develop the skills necessary to pursue a career in this field. The workshops conducted by the technical committees such as CSI have been really helpful and have been a convenient way to acquaint us with technologies such as Github, BootStrap, and PHP. We have also had excellent opportunities to participate in internships and hackathons.

At VESIT, we have learned a lot and have also thoroughly enjoyed the process. This has made the experience truly enriching. Although these four years are coming to an end, the bonds we have made here are eternal - with our teachers, with the non-teaching staff, and of course, with our dear friends. So, the end of our journey at VESIT does not mean farewell - it means "chalo fir, milte hain!"



Adithya Shrivasthava D17B

Cramming notes a day before exam, submitting those countless assignments and writing ever-long research papers and reports might seem cumbersome and fruitless now. But later down the line, in a retrospect when you will look back, the dots will start connecting.

Engineering has taught me more about time management and the art of "getting things done" more than any MBA ever will. Met some wonderful people, who I will treasure for the rest of my life. Those moments of joy and sorrow, fun and frolic, which blossomed into a bond of friendship is something that I will cherish for eternity and beyond. I was extremely privileged to win some national level hackathons like Smart India Hackathon, Buoyanci Innovation Challenge, HackCOVIT (VIT) and many more Technical Paper Presentation and Article Writing Competitions. It wouldn't have been possible without the extremely talented, like-minded visionaries that I met during this journey. The adept teachers instilled in me a burning desire to learn and fuelled my interest in research and technology. VESIT also gave me an international exposure, "ASEAN-INDIA Hackathon ". Making ground-breaking innovation with my team consisting of people from Indonesia, Vietnam, Singapore made me understand the culture, work ethic and diversity across the globe. And the day our team won that competition will be one of the most memorable days of my life. VESIT has provided me with a rock-solid foundation and made me grow, both as a person and as a professional. I will be forever indebted to all my peers and mentors who guided me in these four years. To anyone reading this, graduation from this college would mark the beginning of your impeccable journey in your professional life.



Yash Mate D17B

HOD and Deputy HOD

Dr. Mrs. Nupur Giri
H.O.D.

Dr. Mrs. Gresha Bhatia
Deputy H.O.D.

Staff In-charges

Dr. Mrs. Anjali Yeole

Mrs. Nusrat Ansari

Mrs. Pallavi Saindane

Editorial Team



Rahul Koli
D12B



Abhay Gupta
D12B



Sadhvi Gannuwala
D12B



Shrishti Vazirani
D12B



Radhika Katiyara
D7A



Drishti Katiyara
D7B



Srishti Shetty
D7C

Special Thanks To



Smith Gajjar
D17A



Hrithik Malvani
D17A



Jai Soneji
D17A



Sahil Rajpal
D17A

