



VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

Department of Computer Engineering

परिख्य

A COMPUTATION OF DREAMS

APRIL 2023 • ISSUE 17

MESSAGE FROM THE DEPARTMENT

"The more that you read, the more things you will know. The more that you learn, the more places you'll go" - Dr. Seuss



Prof. Pallavi SaindaneAssistant Professor

Welcome to the latest edition of our department newsletter. As we continue to navigate these unprecedented times, it is more important than ever to stay connected and informed. Our department is committed to fostering growth and development in all aspects of our students, ensuring a well-rounded and successful personality. We have incorporated various academic support programs and resources into our curriculum to ensure that you are receiving the best possible education. Additionally, we have also developed extracurricular activities and events to help you build your social and leadership skills. We are proud of the hard work and dedication that our department has exhibited this year. We are looking forward to achieving even more together!

"Believe in yourself and all that you are. Know that there is something inside you that is greater than any obstacle." - Christian D. Larson

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.

Whats Inside?

- STUDENT PORTFOLIO
- FACULTY CONTRIBUTIONS

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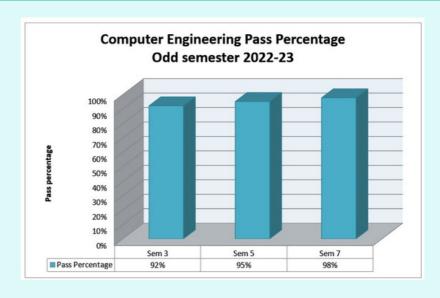
STUDENT PORTFOLIO

Content

- Student
 Achievements
- Placement & Higher Studies
- Skill Development Activities
- Tinkerers' Lab:
 Code Cell
 Activities
- Add-on Courses
- Project Innovations/Competitions
- Industry Projects
- Industry Visits
- Inter Collegiate Competitions
- Intra CollegiateCompetitions
- Alumni Interaction
- Degree Distribution
- Internships & Scholarships
- Wall of Fame

STUDENT ACHIEVEMENTS

ACADEMIC EXCELLENCE



Results of the students at the end semester examinations conducted by University of Mumbai (2022-23 ODD semester).

RANK HOLDERS - BATCH 2021-22



1st Rank Dimple Nachnani



3rd Rank Sejal Budhani



2nd Rank Riya Menon



4th Rank Vishwesh Jagtap

CARRIED IN TO BE THE



2nd Rank Salonee Velonde



5th Rank Siddarth Bugtani

RANK HOLDERS - BATCH 2021-22



5th Rank Divya Raisinghani



6th Rank Gunjan Bhawsinghka



6th Rank Anand Pal



7th Rank Divesh Hariani



7th Rank Pooja Koshti



8th Rank Siddhesh Bhere



9th Rank Vinita Chugh



10th Rank Sanket Jangale

PLACEMENT AND HIGHER STUDIES

COMPETITIVE EXAMS

24 Students have appeared for different competitive exams like GRE, TOEFL during academic year 2022-23.

HIGHER STUDIES

During the academic year 2021-22, **24 students** got admits for higher studies in Indian and foreign universities .



























My success will not depend on what A or B thinks of me. My success will be what I make of my work. - Dr. Homi J Bhabha

(BATCH 2019-2023) **PLACEMENTS**

42 companies have visited the Computer Engineering stream till date for placements.



78.57%

of students placed till date.

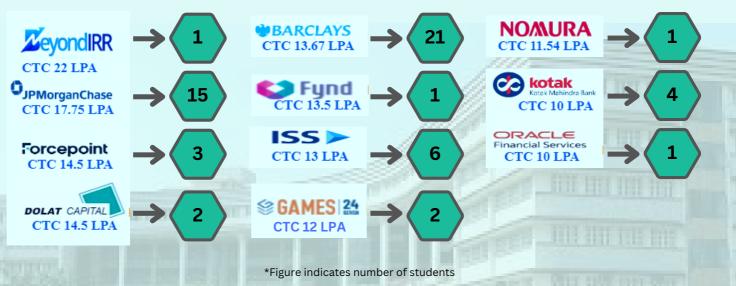
Highest salary: **22** Lacs/Annum. Average salary:

9 Lacs/Annum

85%

of students got a dream job.

BEST ACHIEVERS IN THE PLACEMENTS



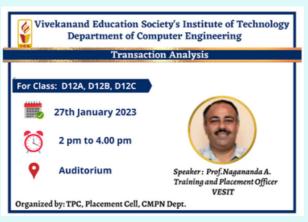
My success will not depend on what A or B thinks of me. My success will be what I make of my work. - Dr. Homi J Bhabha

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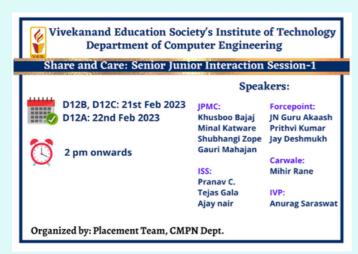
PLACEMENT RELATED ACTIVITIES

• The department conducted placement related activities which includes senior - junior interaction and transaction analysis

Co-ordinators: Mrs. Indu Dokare and Mr. Sanjay Mirchandani



Transaction Analysis
Speaker: Prof. Nagananda A.





Senior Junior Interaction Session - 1 Speaker : Final year students





Senior Junior Interaction Session - 2 Speaker: Final year students

SKILL DEVELOPMENT ACTIVITIES

NPTEL VIDEO LECTURES

- 1.NPTEL video lecture was conducted for second year students on "Concurrency Control" by Dr. P Sreenivasa Kumar, IIT Madras on 12th April 2023 for the subject of Database Management Systems.
- 2. NPTEL video lecture was conducted for second year students on 'Programmable Interrupt Controller (8259)' by By Prof. Shaik Rafi Ahamed, IIT Guwahati on 3rd April 2023 for the subject of Microprocessor.
- 3.NPTEL video lecture was conducted for final year students on 'Long Short Term Memory(LSTM) and Gated Recurrent Units(GRUs)' by Prof. Mitesh Khapra, IIT on 3rd April 2023 for the subject of Deep Learning.

SKILL ENHANCEMENT LECTURE



"Innovation Techniques-Combating Financial Crimes using AI & ML" by Mr. Mustafa Fatakdawala, Senior Financial Crime Specialist on 13/03/23.



"Recent Trends in Mobile Computing" by Dr. Munir Sayyad, Asst. Vice President at reliance Jio on 11/04/23.



"Leveraging Innovative Development through Augmented Research" by Mr. Arnav Neel Ghosh, Strategic Advisor -Growth - International Markets, Parallax on 13/03/23.



"Digital Marketing & Social media marketing"" by Mr. Sivaramkrishna Palodi, Corporate Trainer on 13/04/2023

CERTIFICATION PROGRAMS

Oracle Academy certification: 51 certifications

Certifications: Database Foundations, Database Design and Programming with SQL, Java Programming, Artificial Intelligence with Machine Learning in Java, APEX – Application Development Foundations, etc.

NPTEL Local Chapter: 101 students and 08 faculty have enrolled for courses offered by the department through NPTEL Local Chapter

FIELD VISIT ORGANIZED FOR SECOND YEAR STUDENT

Field Visit for second year students to 'Technovanza VJTI 2022-23': Around 150 students with faculty members Mrs. Abha Tewari, Mrs. Sujata Khandaskar, Mrs. Priyanka Shah, Mrs. Manisha Mathur went for a field trip to VJTI ISRO Exhibition 2023, 24th to 26th February 2023.





NATIONAL SCIENCE DAY: POSTER PRESENTATION - 28TH FEBRUARY 2023

Event Co-ordinators:

Dr. Gresha Bhatia

Mrs. Abha Tewari

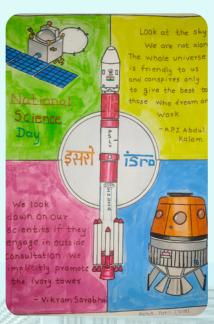
Mrs. Sujata Khandaskar

Mrs. Priyanka Shah

Mrs. Manisha Mathur



National Science Day



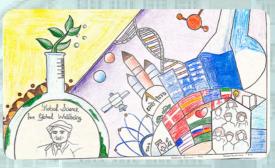
Second Prize Mohit Patil



First PrizeKalpana Gurnani, Prerna
Banswani



Prize Distribution by Dr. Nupur Giri to Mr. Mohit Patil



Third PrizeLintomon Saji, Uzair Shaikh,
Aditya Kushwaha, Parth wande

TECHNOLOGY DAY - DEPARTMENT DAY (20TH MARCH 2023)

Department Technology Day was organized on 20th March 2023. Following activities were conducted on the occasion on Technology Day.

I) Pradarshini' 23: A Project Exhibition for second year, third year and final year groups Event Co-ordinators: Dr. Gresha Bhatia, Mrs. Mannat Amit Doultani, Mrs. Priya R. L. and Mrs. Vidya Zope

Guest: Mr. Ali Ansari, Manager - Open Innovation & Corporate Programs TiE Mumbai



Pradarshini'23



Panel evaluating teams



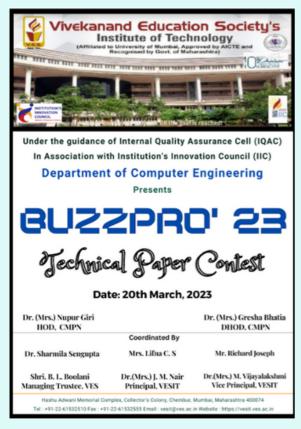
Evaluation of teams by Mr. Ali Ansari

Learn everything that is good from others, but bring it in, and in your own way absorb it; do not become others - Swami Vivekananda

TECHNOLOGY DAY - DEPARTMENT DAY (20TH MARCH 2023)

II) BuzzPro'23 - Technical Paper writing contest

Event Co-ordinators: Dr.Sharmila Sengupta, Mrs. Lifna C.S. and Mr. Richard Joseph Panel: Ms. Sanika Chavan Senior Development Engineer @ Carwale, (CMPN Alumni) and Dr. Sujata Khedkar Associate Professor @ VESIT.



BuzzPro'23



3rd Prize Winning Team with Dr. Nupur Giri



Ist Prize Winning Team with Dr. Sharmila Sengupta



2nd Prize Winning Team with Dr. Gresha Bhatia



Best Paper Presentation Team with Mrs. Lifna C S & Mr. Sanjay Mirchandani



Judges evaluating teams

TECHNOLOGY DAY - CODECELL ACTIVITY: SYRUS HACKATHON 2023

III) Syrus Hackathon:

Syrus Hackathon 2023 powered by Devfolio and associate sponsors Github, Polygon, Solana, Otohom, Lanware Solution, Microsoft Learn Student Ambassador, Filecoin, Replit, and Wolfram was organized by Tinkerer's Lab - Codecell VESIT in association with VESIT - Institution's Innovation Council (IIC), and VESIT - Internal Quality Assurance Cell on 10th and 11th March 2023. Event Co-ordinators: Prof. Mr. Richard Joseph, Codecell Student Team

External Reviewers: Sujith Kumar and Manas Mangaonkar (CMPN Alumni)

Web 2.0 Winners:

- 1. First Place (₹7500) Team CFrost
- 2. Second Place (₹5000) Team CTRL+ALT+ELITE
- 3. Third Place (₹3500) Team TLE





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Evaluation of Syrus Hackathon Teams by Panel members





Prize distribution of Syrus Hackathon 2023 by Dr. Nupur Giri , Dr. Prashant Kanade and Prof. Richard Joseph

TECHNOLOGY DAY - DEPARTMENT DAY (20TH MARCH 2023)

IV) Skill Enhancement Lecture:

Hardware Integration with Matlab and Deep learning in Ramp, Designtech Solutions.

Co-ordinator: Dr. Prashant Kanade







V) Hands-on Workshop on 'Exploring Microsoft Azure Storage for Hosting Web Apps'







DEMO DAY

A panel of Faculty members evaluated the various Undergraduate projects right from it's ideas to implementation.

Co-ordinators:

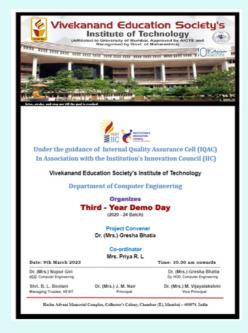
Dr. Mrs. Gresha Bhatia

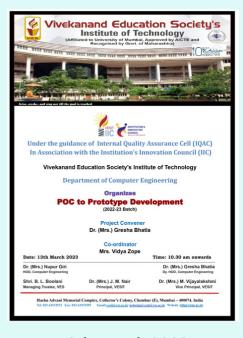
Mrs. Mannat Doultani

Mrs. Priya R. L.

Mrs. Vidya S Zope







8th March 2023

9th March 2023

13th March 2023



Final Year Project Evaluation



Third Year
Project Evaluation



Second Year
Project Evaluation

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TINKERERS' LAB: CODECELL ACTIVITIES

A SESSION ON: IDEA TO POC THROUGH MACHINE LEARNING

Date: 2nd Feb 2023

Speaker: Mr. Vishesh Mittal, a past MITACS GRI '22, CVIT fellow, IIT Roorkee RA, TA at codi

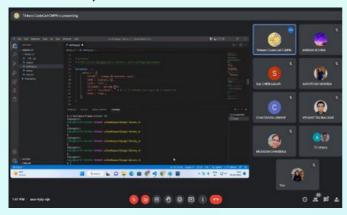
Ninjas, SIH 2022 Winner.





WORKSHOP ON FOSTERING INNOVATION: DESIGN TO DEVELOPMENT USING DJANGO

Dates: 4th, 11th and 25th of Feb 2023



Screenshot of ongoing Session







Fostering Innovation

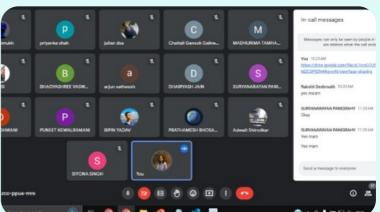
ADD-ON COURSE ON FLUTTER

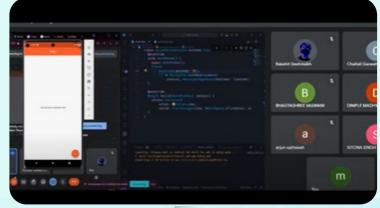
20 hours value added course on Flutter was conducted to enhance the mobile application skills of the students from 4th March 2023 - 10th March 2023. The course was open for all students of VESIT.

Course Conductors:

Prof. Richard Joseph , Prof. Veena Trivedi, Prof. Prerana Solanke, Prof. Manisha Mathur, Prof. Priti Joshi, Prof. Priyanka Shah







Session by Prof. Veena Trivedi, Prof. Manisha Mathur

Purpose of education is to moralize and socialise the people.

– Dr. Babasaheb Ambedkar

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PROJECT INNOVATIONS/COMPETITIONS

CHHALAANG'S WOMEN-ONLY HACKATHON



Team Members: Yashvi Dhar, Aayushi Salunkhe, Aarya Lotke, Vishakha Kulkarni, Madhura Mhatre

Problem Title: IDfy: An online verification

platform

Achievement: 2nd Prize (Rs. 3,00,000/-)

Venue: Microsoft Office, Santacruz

PROJECTATHON

Team Members: Figo Cardozo, Drishti Samvedi, Om Madat, Vansh Pahuja

Project Title: Mental Wellness - Mind Matters

Project Mentor: Dr. Mrs. Gresha Bhatia

Achievement: 2nd Prize at National Level Project Competition(Projectathon), 1.5k

Venue: Atharva College of Engineering,

Malad.



TECHSPARKS'23



Team Members: Hitakrit Goplani, Shuti Dalvi, Swara Nabar, Krish Mehta

Project Title: Sound Mate

Project Mentor: Prof. Richard Joseph

Achievement: 3k cash + keyboard and a

mouse

Venue: Fr. Conceicao Rodrigues Institute of

Technology, Vashi

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PROJECT INNOVATIONS/COMPETITION

IDEATHON 2023



Team Members: Malhar Kajale , Mohit Shahdadpuri, Rahul Motwani, Nimish Chidrawar

Problem Title: Court Cases Priority

Scheduling

Mentor: Dr. Sujata Khedkar

Achievement: 2nd Prize

Venue: VESIT

Team Members: Hitakrit Goplani, Shruti Dalvi,

Swara Nabar, Krish Mehta

Project Title: Sound Mate - Smart Wearable for

Hearing Impaired

Project Mentor: Mr. Richard Joseph

Achievement: 3rd Prize

Venue: VESIT



LBS 121 COMPETITION 2022-23

11 groups of the Computer Engineering Department were shortlisted for the final round of LBS I2ICompetition.



Team Name: GistMakers

Team Members: Nihar Kenny, Shubham Zope,

J N Guru Akaash, Ajay Nair

Problem Title: GistGator - Minutes of Meeting

Generator

Mentor: Mrs. Sunita Suralkar

Achievement: Winner

Venue: VESIT

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PROJECT INNOVATIONS/COMPETITION

PROMETEO: GAME JAM - A NATIONAL LEVEL EVENT



Team Members: Sahil Dodeja, Gunjan Chhaproo,

Neeta Narang

Project Title: Android Memory Game

Development

Project Mentor: Prof. Pallavi Saindane

Achievement: 5th Rank

Venue: IIT Jodhpur

CIIA-3 INNOVATIONS EVENT

Team Members: Diya Janyani, Ritika Vanjarani,

Sahil Kishnani, Sagar Kishnani

Project Title: e-Pradaan: A Connectivity Between

Donor And Receiver

Project Mentor: Dr. Prashant Kanade

Venue: Nehru Centre (Planetarium Complex),

Worli, Mumbai





Team Members: Sakshi Talreja, Riya Ranglani, Anand Tekwani, Niyanti Padave, Aayushi Salunkhe, Aarya Lotke, Niranjan Yeole, Bhargav Mungekar

Project Title: Sahayata - A system to promote

inclusivity

Project Mentor: Dr. Sharmila Sengupta,

Prof. Priya R. L.

Venue: Nehru Centre (Planetarium Complex),

Worli, Mumbai

Team Members: Sahil Dodeja, Gunjan Chhaproo, Neeta Narang, Vanshika Makhijani

Project Title: Inclusive Education for Diverse

Learning

Project Mentor: Prof. Sunita Sahu

Venue: Nehru Centre (Planetarium Complex),

Worli, Mumbai



INDUSTRY PROJECTS

CMS detector Quality Assurance using ML methods

(TIFR, Mumbai)

Mihir Pamnani Aashish Nair Akash Sonare Sneha Karthik

Resource Person

Dr. Shashi R. Dugad

Mentor

Dr. Nupur Giri Mr. Richard Joseph Touchless attendance System with Voice and Face Recognition (TIFR, Mumbai)

Shreya Hegde Muskan Hassanandani Garv R. Jhangiani Prerak Mulchandani

Resource Person

Dr. Shashi R. Dugad

Mentor

Dr. Gresha Bhatia Mrs. Abha Tewari

User Preference Recommendation System & Analytics For New Articles

(Messy Desk Media Pvt. Ltd) #

> Himanshu Behra Ikjot Khurana Aishwarya K. Vaidehi Bhagwat

> **Resource Person**

Mr. Akhilesh Shukla, CEO

Mentor

Dr. Gresha Bhatia

Physical Object
identification in CMS
experiment at CERN using
ML approaches
(TIFR, Mumbai)

Chirag Ludwani Niharika Nagori Mayur R. Jaisinghani Orijeet Mukherjee

Resource Person

Dr. Shashi R. Dugad

Mentor

Dr. Mrs. Sharmila Sengupta Mrs. Sunita Sahu

INDUSTRY PROJECTS

Detection of the severity of **TemporoMandibular Joint** dysfunction using machine learning

Dr. Akshay Ranade's Tooth Tickle Dental Clinic and Implant Centre, Thane

> Rashmi Singh Asmita Bhangare Hrithika Singh Shubhangi Zope

Resource Person

Dr. Akshay Ranade, Founder

Mentor

Dr. Sharmila Sengupta

Using Histopathological Images to grade oral precancer

Government Dental College and Hospital, Fort, Mumbai

> Akhil Chakkungal Riya Shukla Palak Garg Samita Kanojia

Resource Person

Dr.Dimple Padawe, Dean & Dr. Tabita Joy, Professor and HOD

Mentor

Dr. Sharmila Sengupta

Messaging (audio, vieo, text, etc.) and chat applications with inhouse data encryption app (TIFR, Mumbai)

Aashish Ramesh Raheja Kartikey Verma Ashwin Pansare Karan Punjabi

Resource Person

Dr. Shashi R. Dugad

Mentor

Dr. Prashant Kanade Mrs. Yugchhaya Dhote

Gujarati Script Recognition using NLP

(TIFR, Mumbai)

Mrudul Parab **Dhruv Sachdev** Rutvik Purohit Shivoham Angal

Resource Person

Dr. Shashi R. Dugad

Mentor

Mrs. Lifrna C.S. Dr. Mrs. Rohini Temkar Mrs. Nusrat Ansari

Wireless extraction of display Panel data on complex machines using non-invasive and wifi approach using ML techniques (TIFR, Mumbai)

Manigandan Kashimani Nair Ajay Ravindran J N Guru Akaash Varun Tripathi

Resource Person

Dr. Shashi R. Dugad

Mentor

Mrs. Priya R.L.

Automated Web Article Extraction Based On Rss And Summarization With Pointer Generator Networks

(Messy Desk Media Pvt. Ltd) ____#___

> Kaushal Jagasia Tarun Mishra Tejas Gala

Sohan Walwalkar

Resource Person

Mr. Akhilesh Shukla, CEO

Mentor

Mrs. Abha Tewari

#Messy Desk Media Pvt. Ltd has signed an MoU with VESIT_CMPN Department for INR 50,000/-

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INDUSTRY VISITS TO TIFR, MUMBAI





Team Members: Mayur Jaisinghani, Chirag

Lundwani, Neeharika Nagori

Project Title: Project Title: 'Physical Object identification in CMS experiment at CERN using

ML approaches

Project Mentor: Dr. Sharmila Sengupta and

Prof. Sunita Sahu

Date: 10th January 2023

Team Members: Ajay Nair, J N Guru Aakash, Varun Tripathy, Manikandan Kasimani

Project Title: Wireless Display Panel Data

Extraction using AI techniques

Project Mentor: Mrs. Priya R. L. and

Mrs. Nusrat Ansari

Date: 13th February 2023





Team Members: Aashish Nair, Mihir Pamnani, Sneha Karthik, Akash Sonare

Project Title: CMS detector Quality Assurance

using ML methods

Project Mentor: Prof. Richard Joseph

Date: 12th January 2023

On **22nd February 2023** Dr. Prashant Kanade, Mrs. Yugchhaya Galphat, Ashwin Pansare, Ashish Raheja, Kartikey Verma, Karan Panjabi visited TIFR Project Title: Secure multimedia communication

INTER COLLEGIATE CO-CURRICULAR ACTIVITIES









HackOverflow

Application of the control of the con

PR@METEO

CERTIFICATE

Mohit Gangwani

Certificates of Participation in Prometeo'23







Certificates of Excellence in Chhalaang - Women's Hackathon













Certificates of Participation

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INTER COLLEGIATE EXTRA CURRICULAR ACTIVITIES



Aditya Mangtani @VJMUN, VJTI



Poster Making Competition-Vigilance Awareness Week



Poster by Mr. Mohit Patil



Sairaj Deshpande @SIESMUN



Sairaj Deshpande @SIESMUN

"We are what our thoughts have made us; so take care about what you think.

Words are secondary. Thoughts live; they travel far."

- Swami Vivekananda

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INTRA COLLEGIATE ACTIVITIES

CO-CURRICULAR ACTIVITIES









CMPN Participants: 126 CMPN Participants: 63 CMPN Participants: 7 CMPN Participants: 106

EXTRA CURRICULAR ACTIVITIES







CMPN Participants: 21



CMPN Participants: 28



Sports Events:

VPL(vesit premier league) 2023 winners Figo Cardozo, Divesh Mangtani, Pratik Sawlani, Varun, Mayur, Aaryan Manawat

Music Events:

Yash Chaproo Instrumental Faceoff
First Runner Up



SAME AND A PROPERTY OF STREET

ALUMNI INTERACTION

VESIT Alumni Day





25th Feb 2023, Venue: - 2nd floor, Amphitheatre VESIT Campus.

CMPN Alumni as Reviewers on Technology Day 20th March 2023



Mr. Nitin Aswal (CMPN 2018-2019) and Mr. Amit Chhabria (CMPN 2021-2022)



Mr. Arnav Bagchi (CMPN 2021-2022)

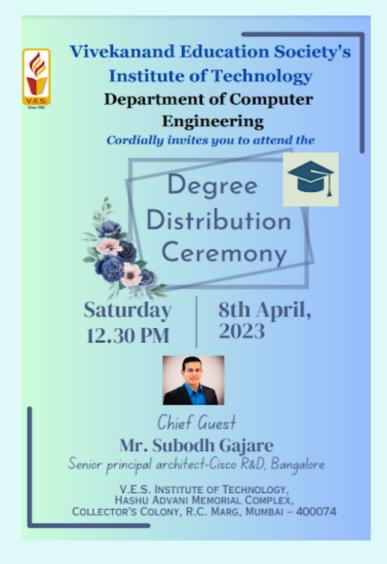


Ms. Sanika Chavan (CMPN 2019-2020)



Mr. Manas Mangaokar (CMPN 2020-2021)

DEGREE DISTRIBUTION





Dr. Nupur Giri felicitated the Chief Guest, Mr. Subodh Gajare



Degree Distribution ceremony, batch of 2021-22, 8th April 2023.

Chief Guest: Mr. Subodh Gajare Senior Principal Architect, Cisco R&D Bangalore.

Graduate Students taking Department Oath





Degree Distribution by Mr.Subodh Gajare and Dr. Gresha Bhatia

INTERNSHIPS & SCHOLARSHIPS

INTERNSHIPS

More than **50** students have undertaken Internships at various International and National level companies like The Sparks Foundation, YourKrishi, Oasis Infobyte, DeepCytes, VESIT Renaissance (VESIT CPULSER PVT. LTD), Vesit Website department, Aisec in sobo, Trivia Software, Investmint, VESIT CPulser PVT LTD, Yoshops, Indian Oil Corporation Limited, Cere Labs Pvt. Ltd..NIT Kurukshetra, IIT Jodhpur, Excelligence, INTERNATIONAL MODEL UNITED NATIONS, Inventrom PVT LTD-Bolt IoT, SmartKnower, Codeclause, Grroom, Pixolo, Lets Grow More, VESIT Renaissance Cell SetMyCart, National Institute of Technology Kurukshetra, , Union Bank of India, TechShots, VESIT railway concession website, CollegeRanker Ent.etc.

SCHOLARSHIPS: ₹1,76,500 till date

- VESIT offers various scholarships to meritorious and needy students such as Students Aid, Vivekanand Jyoti, Smt. Suman Ramesh Tulsiani and Jadavpur Alumni Association Scholarships.
- 11 students of Computer Engineering Department have received scholarships till date.

Co - ordinators : Dr. Sharmila Sengupta, Prof. Geocey Shejy and Prof. Sujata Khandaskar



Muskan Chabria , Jadavpur Alumni Trust



Tanisha Patil, Student Aid



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Dipti Meghnani, Student Aid

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WALL OF FAME



Annapoorni Ramaswamy award instituted by venkatesh Ramaswamy to Dimple Nachnani (CMPN 2021-2022), for being 1st rank holder among all branches of VESIT (Award received by her mother on her behalf).



Marathi Drama by Soham Tawade, Marathi Bhasha Divas, 28th Feb 2023



Utsav Winner - Final Year Division 'C'





The drama '**Prabho Shivaji Raja**' was performed by VESIT Natak Mandali on 9th February 2023, VESIT auditorium Telecast: DD Sahyadri on 19th February 2023 on the occasion of Shivjayanti)

CMPN Cast: Gauri Mahajan. Aradhya Ingle, Soham Tawde, Anurag Shirsekar, Dhruva Chaudhari and Shrinivas Ghumare.

CMPN BATCH 2019-23



Division A

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Division B





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FACULTY CONTRIBUTIONS

WORKSHOPS/COURSES CONDUCTED BY DEPARTMENT

Content:

- Workshops/Courses Conducted by Department
- Courses Attended by faculty
- Orientation
 Programmes
 attended by faculty
- Workshop/Courses Conducted by Faculty
- Certifications Undertaken
- Research Activities
- Interaction with outside world
- 🍑 Journal Reviewer
- Accomplishments

ISTE Sponsored Online Short Term Training Program (STTP) program on 'Social Media Analytics' during, O2nd Jan - O6th Jan 2023 by Department of Computer Engineering, In Association with VESIT-IQAC.

Co-ordinators: Dr. (Mrs.) Sujata Khedkar, Dr. (Mrs.) Rohini Temkar, Dr. Dashrath Mane, Mrs. Nusrat Ansari and Mr. Sanjay Mirchandani



Speakers of STTP Social Media Analytics

Training Session on **Matlab** campuswide academic License was conducted on **March 11, 2023**. This Training was provided by the representatives of **Designtech Solutions** who are sole distributors of Mathworks Matlab.

Co-ordinator: Dr. Prashant Kanade.



Training Session on MATLAB

Education is not learning facts, but the training of the mind to think - Albert Einstein

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WORKSHOPS/COURSES ATTENDED BY FACULTY

- Dr. Nupur Giri, Dr. Sujata Khedkar, Mrs. Indu Dokare, Mrs. Vidya Zope, Mrs. Abha Tewari and Mr. Sanjay Mirchandani attended Webinar on National Education Policy Implementation: A Perspective for Affiliated and Autonomous Institutes organized by VESIT-IQAC on 11/03/23.
- Dr. Gresha S Bhatia, Dr. Sharmila Sengupta , Dr.Prashant Kanade, Mrs.Geocy Shejy, Mrs. Priya R.L, Mrs. Vidya Zope, Mrs. Abha Tiwari, Mrs. Mannat Doultani, Mrs.Pallavi Gnagurde, Mrs. Sunita Suralkar, Mrs.Rupali Soni, Mrs. Pallavi Saindane, Mrs.Sunita Sahu, Mrs. Yugchhaya Galphat, Mr. Richard Joseph, Mrs.Veena Trivedi, Mrs. Prerna Solanke,Mrs. Manisha Mathur, Mrs. Priti Joshi, Mrs. Priyanka Shah attended STTP on Social Media Analytics organized by Department of Computer Engineering in association with VESIT-IQAC from 02/01/23 to 06/01/23.
- Dr. Gresha S Bhatia attended two days session on NIPS-NEP Implementation Pathway Services organized by ALAP Academic Leadership Alignment Program Anandshala (Blissinar) from 07/01/23 to 08/01/23
- Dr. Sujata Khedkar attended National Webinar on Fundamentals of IPR organized by T. Z. A. S. P. Mandal's Pragati College Of Arts & Commerce, Dombivli East on 31/03/023.
- Dr. Sujata Khedkar attended Accredited Certification in Energy Psychology and Healing organized by Udyme on 01/04/23.
- Dr. Sharmila Sengupta attended Energy Literacy Training organized by Energy Swaraj Foundation. from 24/03/23 to 25/03/23.

- Dr. Sharmila Sengupta attended workshop on Datahour: Understanding Graph Data Science! organized by Analytics Vidhya on 23/03/23.
- Dr. Sharmila Sengupta attended a webinar on National Intellectual Property Awareness Mission (NIPAM) organized by VESIT, IIC,IQAC on 21/03/23.
- Dr. Sharmila Sengupta attended workshop on Leadership Talk by Chairman AICTE, Prof. T.G. Sitharam organized by VESIT, IIC,IQAC on 30/01/23.
- Dr. Prashant Kanade attended webinar on Pangolin organized by Sahydri Sankalp, Athlye Sapre Pitre College on 12/02/23.
- Dr. Prashant Kanade attended webinar on Aquatic Garden organized by Sahydri Sankalp, Athlye Sapre Pitre College on 29/01/23
- Dr. Prashant Kanade attended a webinar on environment Related Laws in India organized by Sahydri Sankalp, Athlye Sapre Pitre College on 19/03/23.
- Dr. Dashrath Mane attended Workshop on "Business Intelligence Using PowerBI" organized by Skill Nation from 11/02/23 to 12/02/23.
- Dr. Dashrath Mane attended A Course on" Introduction to data science" organized by Linkedin Learning on 14/02/23.
- Dr. Dashrath Mane attended 10th Industry Institute Symposium-2023- Deploying 21st Century skills for Global Opportunities organized by Thakur College of Engineering and Technology on 10/02/23.

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WORKSHOPS/COURSES ATTENDED BY FACULTY

- Dr. Dashrath Mane attended a course on The future of work: the necessary skills of your future workforce organized by Linkedin Learning on 14/02/23.
- Dr. Dashrath Mane attended a course on Inclusive Branding: The secret to attracting the right talent for your organization organized by Linkedin Learning + HR Certification Institute(HRCI) on 17/02/23.
- Dr. Prashant Kanade attended performance Evaluation and Scalable Job Recommender System using Deep Learning organized by VESIT IQAC on 04/03/23.
- Dr. Dashrath Mane attended a course on Business Intelligence for consultants organized by Linkedin Learning + National Association of state boards of accountancy(NASBA) on 26/02/23
- Mrs. Indu Dokare, Mrs. Vidya Zope, Mrs. Sunita Sahu and Mrs. Veena Trivedi attended IP Awareness/Training program organized by Intellectual Property Office, India, association with VESIT on 21/03/2023.
- Mrs. Indu Dokare attended Trends in FPGA design and prototyping using VERILOG organized by Tinkerer's Lab, EXTC, VESIT from 02/01/2023 to 07/01/23.
- Mrs. Vidya Zope, Mrs. Mannat Doultani and Mr. Sanjay Mirchandani attended Training Session on Matlab Programming Tool organized by VESIT-IQAC on 11/03/23

- Mrs. Abha Tewari attended Trends on research ecosystem powered by AI technologies organized by VESIT Research forum, IIC & IQAC on 25/03/23.
- Mr. Richard Joseph attended Technovation Hackathon organized by 5th Technovation Hackathon organized at Sharda University, Ghaziabad from 03/02/23 to 04/02/23.
- Mr. Richard Joseph attended Performance Evaluation & Design of scalable job Recommender System Using Deep Learning Technique organized by Research Forum Talk organized by Department of Information Technology In association under the guidance of VESIT-IQAC on 04/03/23.
- Mr. Richard Joseph attended Fundamentals of Deep Learning organized by NVIDIA DLI from Self Paced to 20/03/23.
- Mrs. Veena Trivedi and Mrs. Priyanka Shah attended Energy Literacy Training organized by Energy Swaraj Foundation on 24/03/23.
- Mrs. Veena Trivedi and Mrs. Priyanka Shah attended Matlab Image Processing on ramp by Mathworks TRaining Services organized by Computer Engineering Department, VESIT on 15/03/23.
- Mrs. Manisha Mathur attended Industry Oriented Technology Workshop(IOTW-2023) on Flutter-Zero To App organized by Thakur College Of Engineering & Technology Kandivali(E) from 24/2/23 to 25/02/23.

WORKSHOPS/COURSES ATTENDED BY FACULTY

- Mrs. Manisha Mathur and Mrs. Priti Joshi attended MatLab Training Fundamentals of MATLAB Programming: Image Processing using MATLAB, Image Processing Onramp organized by Department of Computer Engineering and IQAC-VESIT and Matlab Resources Team on 20/03/23.
- Mrs. Prerna Solanke, Mrs. Manisha Mathur, and Mrs. Priti Joshi attended Energy Literacy Training organized by Energy Swaraj Foundation from 27/03/23 to 28/03/23.

ORIENTATION PROGRAMME ATTENDED BY FACULTY

- Dr. Gresha S Bhatia, Mrs. Rupali Soni and Mrs. Sunita Sahu attended Orientation Program for Distributed Computing (CSC 801) and Distributed Computing lab (CSL 801)SEM VIII (R19 Scheme) BE Computer Engineering, organized by Fr. C. Rodrigues Institute of Technology, Vashi on 18/01/23
- Dr. Sujata Khedkar and Mrs. Abha Tewari attended Faculty Orientation Programme on subject 'Applied Data Science' for B.E./SEM.VIII of B.E. Computer Engineering programme as per Rev. 2019-C organized by Computer Engineering Department of Xavier Institute of Engineering, Mumbai on 12/01/23.
- Dr. Sujata Khedkar, Dr. Dashrath Mane, Mrs. Priya R. L, Mrs. Nusrat Ansari, Mr. Sanjay Mirchandani, Mrs. Pallavi Saindane and Mrs. Sunita Sahu attended Faculty Orientation Programme on subject 'Social Media Analytics' for B.E./SEM.VIII of B.E. Computer Engineering programme as per Rev. 2019-C organized by Department of Computer Engineering VESIT, Mumbai on 06/01/23.
- Dr. Sharmila Sengupta attended Faculty
 Orientation Programme on subject
 Optimization in Machine Learning and
 Optimization in Machine Learning Lab
 [BE/Computer Engg/Sem-VIII/CSDC8021
 and CSDL8021] as per the Rev-2019-C.
 organized by Department of Computer
 Engineering VESIT, Mumbai on 16/01/23.

WORKSHOP/COURSES CONDUCTED BY FACULTY

 Mrs. Priya R. L Conducted seminar on "Technical Paper Presentation on IEEE" organized by Vivekanand Education Society's Institute of Technology on 09/02/23.



CERTIFICATIONS UNDERTAKEN

ENERGY LITERACY TRAINING













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Education imparted by heart can bring revolution in the society.

- Maulana Abul

NITTTR CERTIFICATIONS







Mrs.Rupali Hande

Mrs.Rupali Hande

Mrs. Yugchhaya Galphat







Mrs.Sunita Suralkar

Mrs.Sunita Suralkar

Mrs. Yugchhaya Galphat

AND RESIDENCE OF RESIDENCE

The great aim of education is not knowledge but action.

~ Herbert Spencer

OTHER CERTIFICATES



Tubebuddy Masterclass



MATLAB Training Session



MATLAB Training Session



MATLAB Training Session



Foundations: Data, Data, Everywhere



NVIDIA

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RESEARCH ACTIVITIES

GRANTS RECIEVED

Worldskills " South Korea Gorang

NSDC. Govt. of India

₹200,000

Faculty

Dr. Nupur Giri

Faculty Development Program on Social Media

1- week ISTE STTP

₹109,200

Faculty

Dr. Sujata Khedkar, Dr. Rohini Temkar, Dr. Dashrath Mane Scheme for Promoting Interests, Creativity and Ethics among Student

AICTE-SPICE

₹100,000

Faculty

Dr. Prashant Kanade Dr. Geeta Ajit

RESEARCH PAPERS PUBLISHED

34 research papers in various international/national journals/ conferences of repute published by Faculties & students from the department.



Mrs. Priya R.L recieved the Best Paper Award at Sardar Patel International Conference (SPICON 2022).

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PATENTS

Efficient Vehicle tracking and Monitoring System and Method thereof

Application No: 202321003900

Published 31st March 2023

Mrs. Priya R. L. Mr. Richard Joseph Mr. Laksh Lalwani Mr. Shubham Goswami Mr. Dheeraj Yadav

Audio emotion recognition using digital Stethoscope and Deep Learning Techniques

Application No: 202321016758

Published 3rd February 2023

Mrs. Priya R. L. Mrs. Mannat Doultani Mr. Vivek Balani Mr. Yash Pahlani Ms. Ritika Hotwani Ms. Prabha Pamula

INTERACTION WITH OUTSIDE WORLD

- Dr. Nupur Giri is PhD expert for Computer RRC at KJ Somaiya College of Engineering, Subject Expert-PhD Selection for Finolex College Management and Technology, Ratnagiri and PhD RRC Member for Computer Engineering department, Thakur College of Engineering & Technology.
- Dr. Nupur Giri is member of BoS for IT department, K J Somiya College of Engineering and for Computer Engineering department, Thakur College of Engineering & Technology.
- Dr. Gresha S Bhatia is Ph.D. RPC member at Pillai College of Engineering and RAIT College of Engineering affiliated to Mumbai University.
- Dr. Gresha S Bhatia is Ph.D. Subject expert at Symbiosis Institute of Technology affiliated to Pune University.
- Dr Sujata Khedkar is Ph.D. RPC member at RAIT College of Engineering affiliated to Mumbai University

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JOURNAL REVIEWER

- Dr. Nupur Giri is a Technical committee member of AICCC 2022 5th Artificial Intelligence and Cloud Computing Conference in Osaka, JAPAN.
- Dr. Gresha S Bhatia is a reviewer of Sardar Patel International Conference on Industry 4.0 -Nascent Technologies and Sustainability for 'Make in India' Initiative, SPICON 2022, Mumbai.
- Dr. Gresha S Bhatia is a reviewer of 4th International Conference on Communication and Intelligent Systems (ICCIS 2022).
- Dr. Gresha S Bhatia is a program committee member and Reviewer of 3rd International Conference on Computer Vision and Robotics (CVR 2023).
- Dr. Gresha S Bhatia is a reviewer of International Conference on Paradigms of Communication, Computing and Data Analytics.
- Dr. Sujata Khedkar is a reviewer of "5th Biennial International Conference on Nascent Technologies in Engineering" organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.
- Dr. Sujata Khedkar is a reviewer of manuscript for Journal of Applied Artificial Intelligence.
- Dr. Sujata Khedkar is a reviewer of Sardar Patel International Conference SPICON 2022, Industry 4.0 Nascent Technologies and Sustainability for 'Make in India' Initiative.
- Dr. Sharmila Sengupta reviewer of Technical committee member of 2CIML 2022 International Conference on Intelligent Computing and Machine Learning, which will be held in Qingdao, China.
- Dr. Sharmila Sengupta is a reviewer of BioMed Research International, Hindawi.
- Dr.Prashant Kanade is a reviewer of Open Access Journal.
- Mrs. Priya R.L is a reviewer of IAES International Journal of Artificial Intelligence.
- Mrs. Sunita Sahu is a reviewer of National Virtual Conference on Recent Development of 6G wireless Communications (RDWC2022) sponsored by AICTE.

ACCOMPLISHMENTS

PUBLISHED BOOKS

A book on "Python Machine Learning Projects: Learn how to build Machine learning project from scratch" published by Dr. Deepali Vora & Dr. Gresha Bhatia BPB Publications; 1st edition.



A book on "Advanced Data Structures and Algorithms": Learn how to enhance data processing with more complex and advanced data structures, Abirami A, Priya R L, BPB Publications; 1st edition (March 29, 2023), 240 pages



TRAINING & PLACEMENT

Dr. Dashrath Mane Received Prestigious **MaTPO -Outstanding Leader in T&P 2022 Award** from MaTPO Western Zone TPO-HR Summit 2022 in Association with BOAT on 22nd December 2022



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GLIMPSES OF CMPN PERFORMANCE

Marathi Bhasha Divas 28th Feb 2023











Dr. Rohini Temkar Prof. Pallavi Saindane Prof. Yugchhaya G

Mrs. Gauri Kamble

Mr. Ketan Gajre

Women Day Celebration, 8th March 2023



Dr. Sujata Khedkar (co-ordinator), Prof. Sujata Khandaskar (Host) and Gauri Kamble (Bharatmata)

Matrubhasha Divas 21st February 2023



Prof. Geocey Shejy

Dr. Babasaheb Ambedkar Jayanti 14th April 2023



Dr. Prashant Kanade, 1st Prize - Essay writing competition

STAFF INCHARGES



Dr. Nupur Giri Head of Department



Dr. Gresha Bhatia Deputy Head of Department



Prof. Nusrat Ansari Assistant Professor



Prof. Pallavi Saindane Assistant Professor

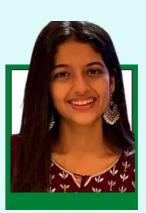
EDITORIAL TEAM



Radhika Katiyara D17A



Drishti Katiyara D17B



Srishti Shetty D17C



Ritika Hotwani D12B



Shalini Mirani D12C



Sakshi Patil D12C



Sai Thikekar D7A



Pavan Thakur D7C



Bhavesh Ajwani D7C

