Ruby Jubilee Year
Department of Computer Engineering

परिरव्य

ISSUE 20, October-2024

"A computation of Dreams"

MESSAGE FROM THE DEPARTMENT

Dr. A.P.J. Abdul Kalam: "Dream, dream, dream. Dreams transform into thoughts and thoughts result in action."

Welcome to the latest edition of Parikhya- our Department 's Newsletter!

The Department of Computer Engineering believes that true talent is not just about natural ability, but about the hard work, dedication, and passion you bring to your studies. The challenges you face today are stepping stones to tomorrow's rewards, and it is through perseverance that real progress is made. Embrace each challenge with a mindset to never give up, knowing that success comes to those who stay committed to their goals. As you navigate the challenges and opportunities in this ever-evolving field, it is your commitment that will transform your potential into real achievements. Our faculty is here to guide and support you, but your success is ultimately shaped by your own determination to excel.

Prof. Richard Joseph
Assistant Professor

With focus, effort, and a genuine passion for innovation, you can make significant contributions to the future of technology. We look forward to witnessing all that you will accomplish.

Ratan Tata: "I don't believe in taking the right decisions. I take decisions and then make them right."

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?

- STUDENT PORTFOLIO

- FACULTY CONTRIBUTIONS

STUDENT PORTFOLIO

STUDENT ACHIEVEMENTS

- Student Achievements
- Placements
- Skill Development Activities
- Tinkerers' Lab : Code Cell Activities
- Project Innovations / Competitions
- Industry Projects
- Industry Visits
- Inter College Competitions
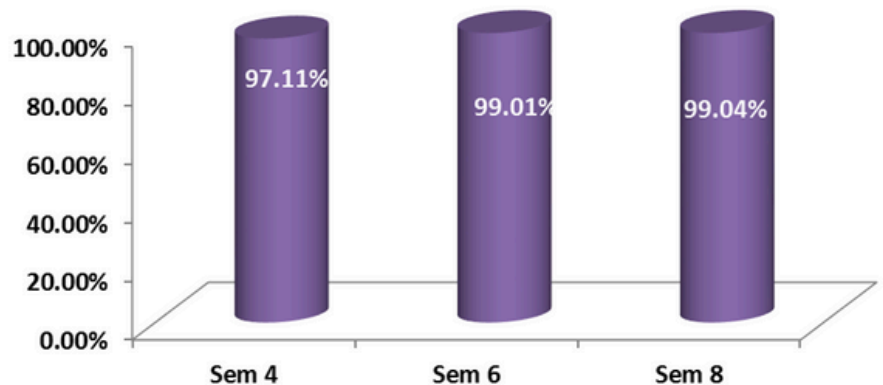- Intra College Competitions
- Alumni Interactions
- Internships
- Scholarships
- Other Achievements

1. ACADEMIC EXCELLENCE

Computer Engineering Pass Percentage Even semester 2023-24

The graph shows the end semester performance of students for Semester IV to VIII May 2024 Exams.

2. COMPETITIVE EXAMS

05 Students have appeared for different competitive exams like GRE, TOEFL during academic year 2024-25.

3. HIGHER STUDIES

17 students got admissions and joined for higher studies in Indian and foreign universities during the academic year 2023-24.

PLACEMENT ACTIVITIES

The process of placement started in the third week of July 2024 with dream companies like JP Morgan Chase & Co.-CFG, Institutional Shareholder Services (ISS), Dolat Capital, Carwale, Interactive Brokers, Nomura, IVP, Deloitte, etc., followed by non dream recruiters such as Accenture and Capgemini.

18 companies have visited the Computer Engineering stream till date.

28

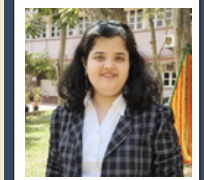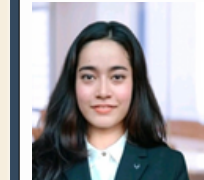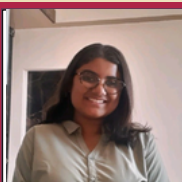students placed till date

13 Highest salary : Lacs/Annum.

**10.5** Average salary: Lacs/Annum

96%

of placed students got a dream job

All the powers in the universe are already ours. It is we who have put our hands before our eyes and cry that it is dark. - Swami Vivekananda

BEST PLACEMENTS

ISS CTC- 13 LPA

Vishakha Mangtani

Gayatri Vaidya

Sadhak Kumar

Devangana Barua

Syed Ilham

Manasi Sharma

Rishi Kokil

Taufique Ansari
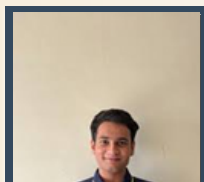
Yashodhan Sharma
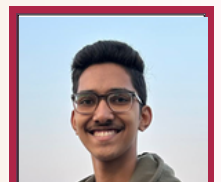
Ravi Valecha

BARCLAYS CTC- 13 LPA
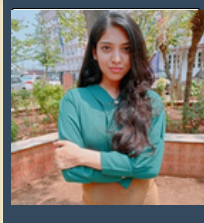
Anagha Kulkarni

Piyush Chugeja

Kinjala Ahuja

Simran Ahuja

Interactive Brokers CTC- 13 LPA
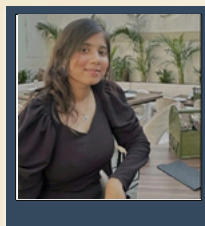
Neha Seswani

CAMPUS READINESS SESSIONS : INHOUSE

The placement cell of the department conducted in-house Campus Readiness Sessions that included:

1. A Skill Set Analysis and Resume Writing workshop on 7th August 2024, specifically tailored for TE students, **Speaker: Prof. A. Nagananda**
2. A "Share & Care: Senior-Junior Interaction" session on 13th August 2024 for TE students, **Speakers: BE Students placed in companies like ISS, IVP and Carwale**
3. An "Eligibility and Resume Building" session on 1st October 2024, for SE students **Speaker: Prof. A. Nagananda**

SKILL DEVELOPMENT ACTIVITIES

SKILL ENHANCEMENT LECTURE

Konkan Division, Maharashtra, India
Hashu Adwani Memorial Complex, Collector's Colony, Collector
Long 72.889218°
Lat 19.045727°
08/10/2024 10:56 AM

Skill enhancement Lecture on **Innovative Industrial Aspects** was conducted by **Dr. Sanjay Thakur, R&D Head, Suyog Telematics Ltd.** for Second year students on 8th Oct 2024.

Skill Enhancement Lecture and Hands-On Workshop on "**Text Generation and Augmentation in Big Data Pipelines Using Generative AI**" was conducted by **Dr. Santosh Chapaneri, Lead Data Scientist, Wolters Kluwer** on 11th Oct 2024 for our Final year students.

A Skill Enhancement Lecture and a Hands-On Workshop on "**Innovative Ways of Data Engineering on Google Cloud Platform**" was conducted by **Mr. Nilesh Bane, Data Engineering Consultant, Ex-Deloitte - Lead Data Scientist** on 15th Oct 2024 for our Third year students.

Mumbai, Maharashtra, India
2VWQ+3HH, Collector Colony, Chembur, Mumbai, Maharashtra 400074, India
Lat 19.045253°
Long 72.888978°

Mumbai, MH, India
Civic Centre Road, Anushakti Nagar, Mumbai, 400094, MH, India
Lat 19.036179, Long 72.930183
10/15/2024 09:55 AM GMT+05:30
Note : Captured by GPS Map Camera

Success isn't about how much money you make. It's about the difference you make in people's lives. - Michelle Obama

CERTIFICATION PROGRAMS

6 students earned NPTEL certifications, 80 students received CISCO certificates, and 6 students completed upskilling courses on Coursera in the academic year 2024-25.
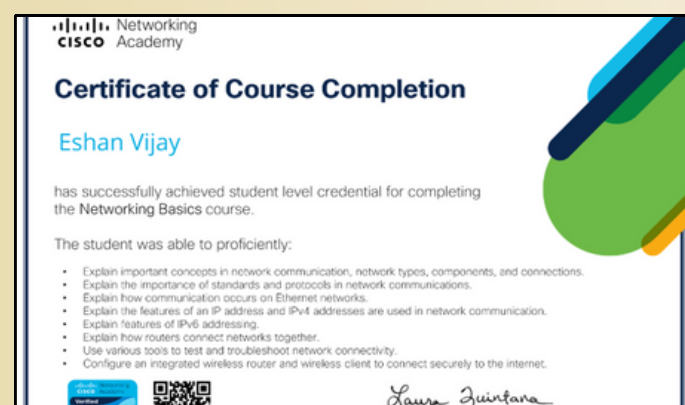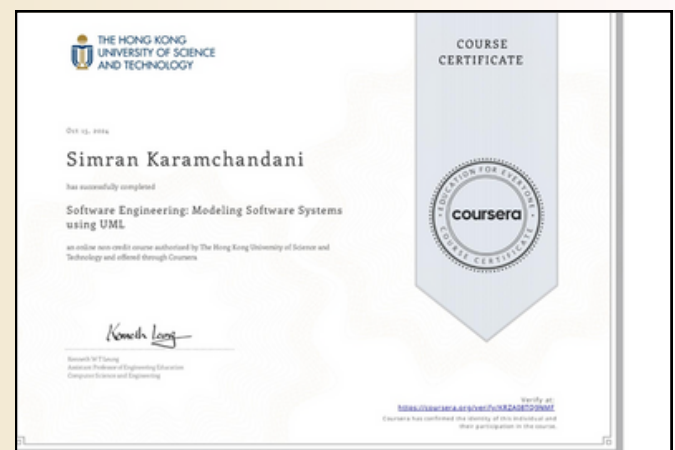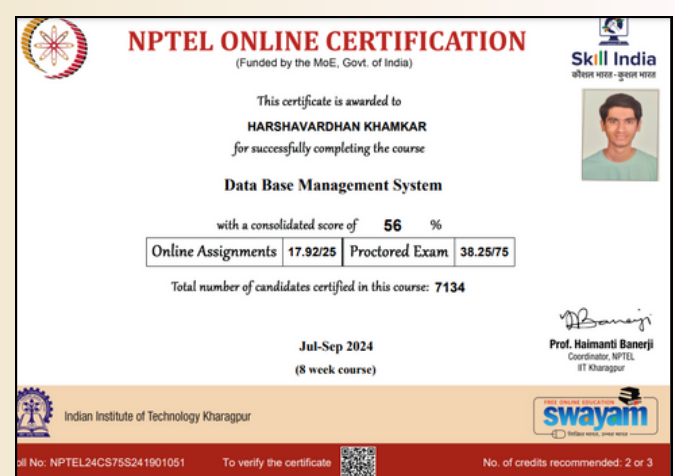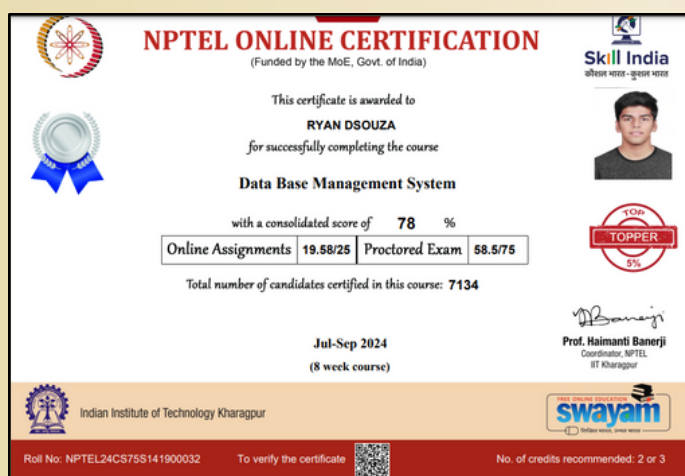

Student count: 6

Student count: 6

Student count: : 80

ORIENTATION PROGRAMME ON "KNOW YOUR DEPARTMENT"

Department of Computer Engineering organized Orientation on "Know Your Department" for Second Year Computer Engineering students on 25th July 2024.

SUMMER SPARKS: INNOVATION THROUGH PROJECTS

As part of **VESIT's Ruby Jubilee Celebration**, the Department of Computer Engineering, under the guidance of VESIT IQAC and in association with VESIT IIC, organized "Summer Sparks: Innovation Through Projects" on **6th August 2024**.

This event showcased the achievements of **98 students** who completed **25 internship projects** during the Summer Internship Program held from **17th May to 15th July 2024**. Projects were judged by faculty members, with winners announced across three categories: Department, CodeCell, and Generative AI.
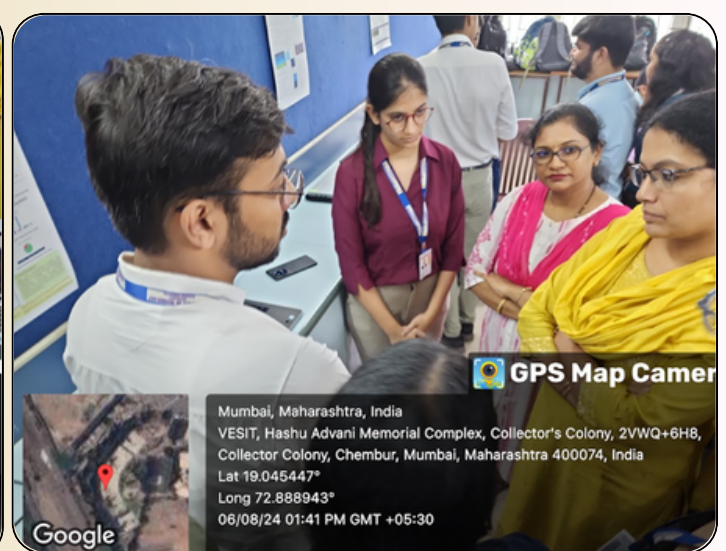
The Summer Internship 2024 offered by the Department of Computer Engineering was conducted under three categories:

1. Summer Internship (Dept)
2. Summer Internship (CodeCell)
3. Summer Internship (Generative AI)

Summer Internship (Dept) Winners:

Project Title: Blockchain-Based Intelligent Disbursement in National Scholarship Portal

Team Members: Sujal Pathrabe, Eshan Vijay, Vivek Menghani, Sanchet Khemani, Asmi Rajbhar, Atharva Devendra Hande

Achievement : 1st Rank

Mentor: Prof. Lifna C S

Project Title: Indian Heritage Preservation

Team Members: Ved Waje, Nupur Pathare, Maanav Valecha, Khwaish Shahani, Bhavesh Ajwani

Achievement : 2nd Rank

Mentor: Prof. Vidya Zope

Project Title: PictoNarrot - Picture-Based Storytelling and Learning App

Team Members: Vedant Pawar, Anjali Thakrani, Parth Wande, Namneet Singh Labana, Hiren Karwani, Khwaish Shahani

Achievement : 3rd Rank

Mentor: Dr. Sujata Khedkar

CodeCell Winners:

Project Title: E-commerce App

Team Members: Prajwal Dinesh Kulkarni, Niraj Chaudhari, Pankaj Gupta

Achievement : 1st Rank

Mentor: Prof. Richard Joseph

Project Title: Movie Review App

Team Members: Dhruv Ashok Lohana, Sahil Bajaj

Achievement : 2nd Rank

Mentor: Prof. Richard Joseph

Project Title: Weather App

Team Members: Nihal Sinha, Vanshika Somnani, Amogh Sanjay More, Jaee Sakharkar, Gaurav Khutwal

Achievement : 3rd Rank

Mentor: Prof. Richard Joseph

Generative AI Winners:

Project Title: C. Being Mentally Healthy; C.2 Empathy and Compassion Training

Team Members: Aditya Agrahari, Anisha Shankar, Darshan Vishnu Khapekar, Dipeshbhai Patel

Achievement : 1st Rank

Mentor: Dr. Nupur Giri

Project Title: A. Understanding Core Human Values; A.2 Human Rights Education

Team Members: Deepak Pandharinath Kumbhar, Tejas Mahesh Gadge, Atharva Deore, Niraj Chaudhari

Achievement : 2nd Rank

Mentor: Dr. Nupur Giri

Project Title: B. Living in a Society, Peacefully; B.1 Community Service and Social Responsibility

Team Members: Ishwari Sunil Dehadray, Siddhi Awari, Kushl Alve, Pankaj Gupta

Achievement : 3rd Rank

Mentor: Dr. Nupur Giri

> If you go back a few hundred years, what we take for granted today would seem like magic - being able to talk to people over long distances, to transmit images, flying, accessing vast amounts of data like an oracle. These are all things that would have been considered magic a few hundred years ago. - Elon Musk

## ORIENTATION PROGRAMME ON DEPARTMENT LEVEL ELECTIVES, PROJECT, HONOR & MINOR DEGREE

The Department of Computer Engineering organized an orientation programme for B.E. and T.E. students to provide guidance on Department Level Electives, Project Work, Honors, and Minor Degree options. This orientation aimed to help students make informed decisions regarding their academic paths and explore opportunities for enhancing their technical and interdisciplinary skills.
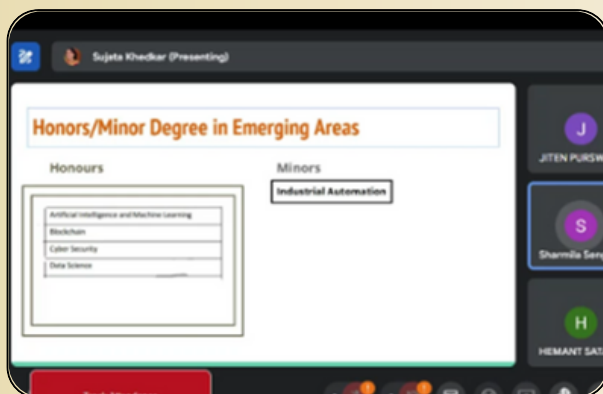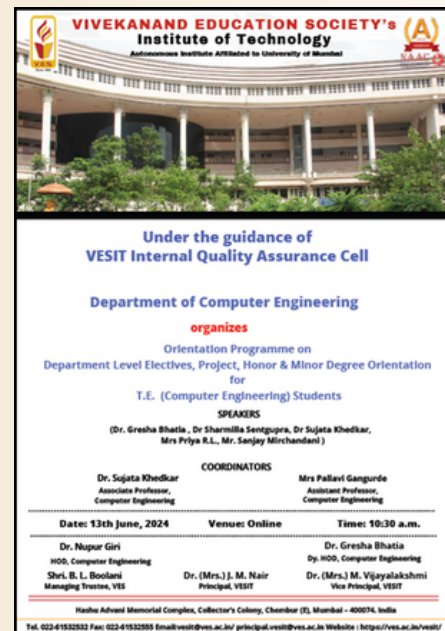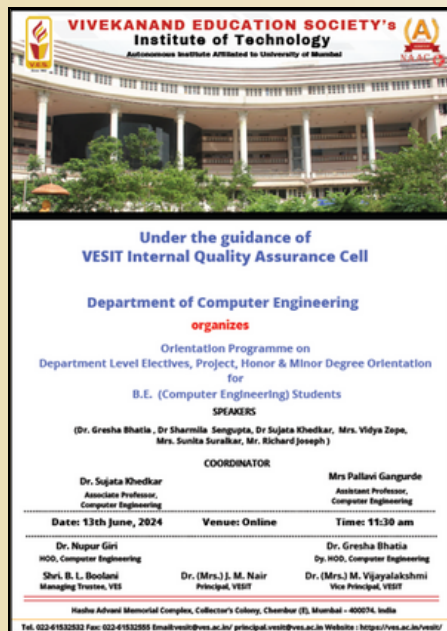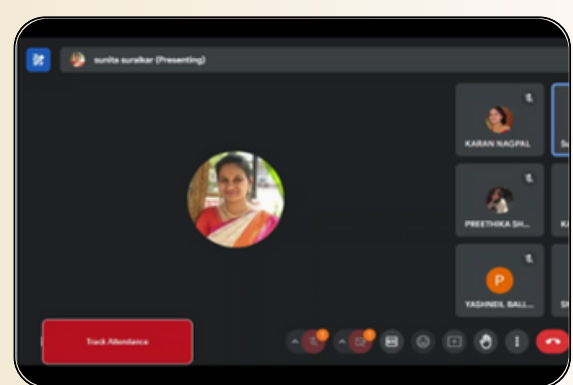

Dr. Sharmila Sengupta briefing the BE students

Dr. Sujata Khedkar elucidating the BE students
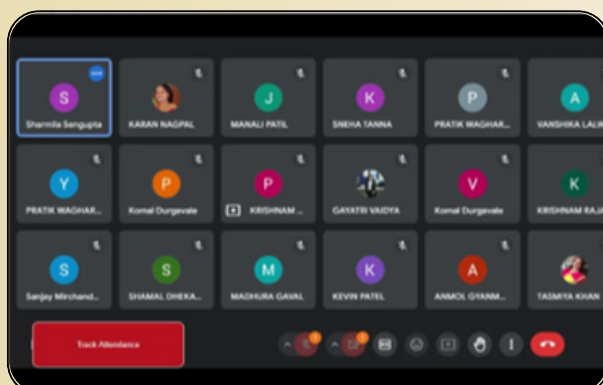
Dr. Sharmila Sengupta addressing the TE students

Mrs. Sunita Suralkar orienting the TE students

INDUSTRY DRIVEN ADD-ON COURSE ON FULLSTACK WEB AND MOBILE APPLICATION DEVELOPMENT

Date: 8th July 2024 - 12th July 2024

An industry-driven add-on course focused on Fullstack Web and Mobile Application Development equiped students with hands-on skills in both front-end and back-end development, preparing them for modern web and mobile app projects.

Speakers:

- Mr. Ninad Thakre , Director at Fortune4 Technologies
- Mr. Sameer Mhatre, Director at Fortune4 Technologies
- Mr. Deven Gandre, Team Lead, at Fortune4 Technologies
- Mr. Martin Selva, UI-UX Manager, Fortune4 Technologies
- Ms. Priyanka Waghmare, Team Lead, Fortune4 Technologies
- Mr. Kedar Gandre, Team Lead, Fortune4 Technologies
- Mr. Sagar Malde, Team Lead, Fortune4 Technologies
- Ms. Nikita Wagh, Sr. Software Tester, Fortune4 Technologies
- Ms. Sanika Chavan, Software Development Engineer2, CarWale

Coordinators:

- Dr. (Mrs.) Gresha Bhatia, DHOD, CMPN
- Mrs. Pallavi Saindane, Assistant Professor, CMPN

Participants with Fortune4 Technologies Team

Dr. Nupur Giri felicitating the directors of Fortune4 Technologies, Mr. Sameer Mhatre, Mr. Ninand Thakre and Mr. Santosh Rathod

TINKERER'S LAB : CODECELL ACTIVITIES

FOSTERING ENTREPRENEURSHIP AND INNOVATION

The Department of Computer Engineering at VESIT, supported by VESIT-IQAC and VESIT-IIC, organized the Summer Internship 2024 from May 17th to July 15th 2024, involving **98 students** who completed 25 projects. Key highlights included MERN and Django training by Codecell Tinkerers, from May 18th to June 6th 2024, and Generative AI projects using Llama under Dr. Nupur Giri's guidance.
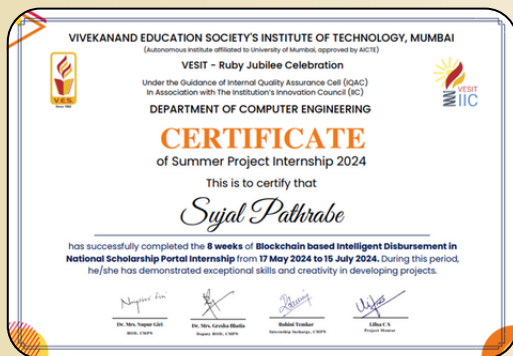
Date(s) of the Event
1. MERN Training : 18th May - 24th May 2024
2. Django Training:30th May-10th June 2024
3. Hands-on development: 10th June-15th June 2024

Speaker : Prof. Mr. Richard Joseph, Aditya Mangtani, Hannan Chougle, Latish Advani

Number of Student Participants = 98

TINKERER'S LAB : CODECELL ACTIVITIES

INNOVATE AND ELEVATE: A CAREER SERIES

Name and details of the Speaker :

1. Ms. Attreyye Mukherjee
(Project Intern at RISE Lab at IIT Madras)

2. Mr. Vishesh Mittal
(Smart India Hackathon(SIH)'22 Winner)

3. Gaurish Baliga
(SWE Intern 2024 @Google)

Number of Student Participants= 108

Day 1 - 21st August 2024
Ms. Attreyee Mukherjee, a Visiting Scholar at the Max Planck Institute, shared insights on securing research opportunities, internships, and effective cold emailing. She discussed her journey in computer engineering, highlighting her experiences at Max Planck and motivating students to pursue research and internships.

Day 2 - August 22nd, 2024
Mr. Gaurish Baliga, a Google software engineering intern, shared insights on competitive programming and careers at MAANG companies. He emphasized consistent practice, mastering algorithms, participating in contests like ICPC, and leveraging these skills for technical interviews. The session ended with a Q&A, leaving students motivated and prepared for future career challenges.

Day 3 - August 24th, 2024
Alumnus Vishesh Mittal, a Machine Learning Engineer Intern at Qualcomm and USC Graduate Research Assistant, shared a roadmap for pursuing a master's abroad. He offered guidance on academic transitions, financial planning, and career switches, while addressing students' queries, leaving them motivated and well-prepared.
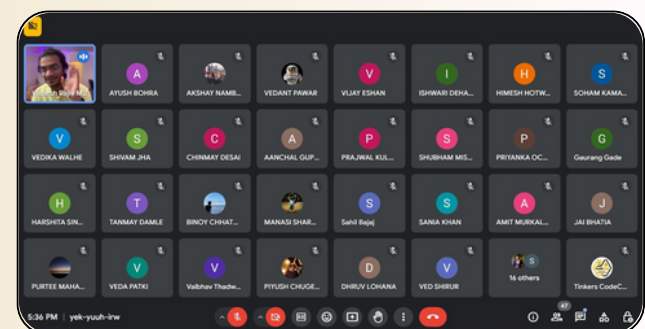
TINKERER'S LAB : CODECELL ACTIVITIES

ENTREPRENEURIAL EDGE

Date(s) of the Event
August 29th to 31st, 2024.

Name and details of the Speaker
Mr. Aditya Mangtani ,Mr. Hiten Kataria

Total participation
Number of Student Participants= 42

Aditya Mangtani, a BE student and young entrepreneur, led a session on startup development, covering market research, value propositions, and early-stage funding. He shared his journey from student to successful entrepreneur, offering insights into common startup challenges and strategies to tackle them.

Hiten Kataria, an engineer-turned-entrepreneur, led an interactive session focused on product ideation and prototyping, highlighting team formation, development, scaling, and the role of customer feedback in refining products.

"The entrepreneur always searches for change, responds to it, and exploits it as an opportunity." This captures the essence of being adaptable and proactive in business!

TINKERER'S LAB : CODECELL ACTIVITIES

DSA BOOTCAMP

Date(s) of the Event
27/9/2024 and 4/10/2024

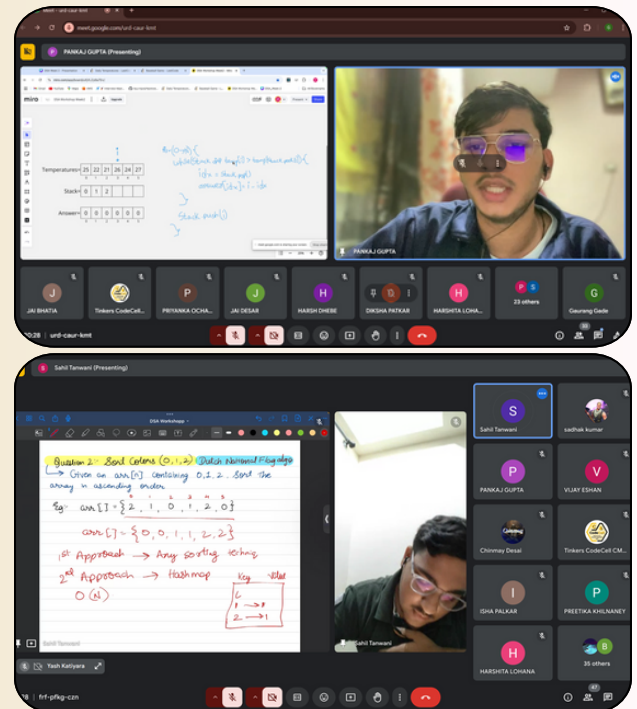**Name and details of the Speaker**
Mr. Sadhak Kumar, Mr. Chinmay Desai,
Mr. Sahil Tanwani,Mr. Piyush Chugeja,
Mr. Pankaj Gupta,Mr. Jai Bhatia:

Number of Student Participants :
Day 1 = 59
Day 2 = 26

DSA Bootcamp (Sept 27 – Oct 4, 2024)

Organized by CodeCell Tinkerers and supported by VESIT-IIC and IQAC, the DSA Bootcamp offered 85 participants hands-on training in Data Structures and Algorithms. Industry experts and CodeCell managers led sessions on topics like arrays, searching, sorting, stacks, queues, and linked lists. The bootcamp featured LeetCode challenges and coding contests, boosting participants' problem-solving skills, coding confidence, and networking opportunities, preparing them for technical interviews and software development roles.

TINKERER'S LAB : CODECELL ACTIVITIES

GEN AI – INNOVATION MADE SIMPLE

Date(s) of the Event :
23/09/2024

Name and details of the Speaker :
Vedant Pawar, BE,CMPN
Piyush Chugeja ,BE, CMPN

About The Program :
The workshop was about the fundamentals of generative AI to help students understand the technology and implement its applications using platforms like Botpress.

Total participation :
 Number of Student Participants = 86

TINKERER'S LAB : CODECELL ACTIVITIES

GITHUB FOR HACKTOBERFEST

Date(s) of the Event
10/10/2024 & 11/10/2024

Name and details of the Speaker
Mr. Gautam Rai, TE, CMPN
Miss Vedika Walhe, TE, CMPN

About The Program
The "Git and GitHub for Hacktoberfest" workshop, was a 2-day event aimed at providing participants with the foundational knowledge and skills to start contributing to open-source projects. The workshop covered key concepts of version control, Git, GitHub, and popular open-source events like Hacktoberfest, encouraging students to get involved in the global open-source community.

PROJECT INNOVATIONS/COMPETITIONS

Mastek Deep Blue Challenge -Season 9: May 2024

Team Members: Tasmiya Khan, Purtee Mahajan, Ketaki Nalawade, Shruti Sambare

Achievement: First prize (Rs. 1,50,000/-)

Mentor : Dr. Sujata Khedkar

Data Hackathon

Aryan Manghi from Final Year secured the **1st position** in the Data Hackathon organized by the Avenir Analytics Club of IES's Management College and Research Centre (IESMCRC), Bandra on the 14th of September, 2024.

HyperHack 2024

Team Members : Asmi Rajbhar, Atharva Hande

Achievement : 1st Runner up

Mentor : Mrs. Lifna C. S.

Project Title: "Blockchain based National Scholarship Portal"

KAINOS 2024 hackathon

Team Members: Tejas Gadge, Anisha Shankar

Achievement : Winner(Rs 50K INR)

Mentor: Dr.(Mrs.) Nupur Giri
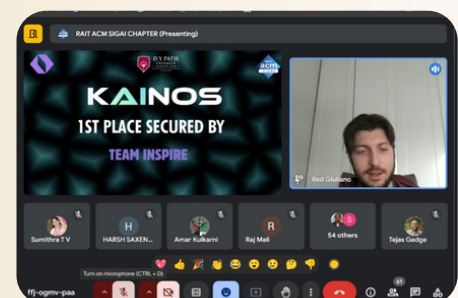
All India Women's Hackathon, Chalaang 3.0

Team Members : Aarya Lotke, Aayushi Salunkhe, Madhura Mhatre, Yashvi Dhar (Team: BirdiePod, 2024 Batch)

Achievement: 1st prize

PROJECT INNOVATIONS/COMPETITIONS

All India Women Hackathon 2024 organized by WWT and SSF

Team Members :(2nd Year Students)
Aanchal Gupta , Isha Palkar, Veda Patki , Riddhi Jangale , Bhoomika Makhija

Achievement : Winner

H.A.B.I.T.ia project competition organized by VESIM 2024:

Team Members:
Srushti Sambre , Tasmiya Khan, Purtee Mahajan, Ketaki Nalawade

Achievement : Winner

Mentor: Dr. Sujata Khedkar

ETHOS Hackathon : Organized by Coding Club, IIT Guwahati October 2024

Team Members :
Avan Shetty , Harsh Saindane , Gouresh Madye , Vivek Venkatachalam

Achievement : Winner

Mentor: Mr. Richard Joseph

Hack2Future Competition, at IIIT Dharwad on October 26th-27th 2024

Team Members :
Darshan Kakad, Soham Choudhary, Ayush Duseja, Pranita Bannore

Achievement: Selected as top 10 finalist.

Mentor: Mrs. Priya R. L.

INDUSTRY PROJECTS

Artifical Intelligence based Smart Driver Assistant for Reduction of Road Fatality

III-T Hyderabad, I-Hub Grant (September 2023-October-2024)

Mentor
Dr.Nupur Giri

Delivery X- Optimizing Delivery of parcels

(DeliveryX -Navkar Safal Pvt Ltd, Mumbai)

Kinjala Ahuja
Taufique Ansari
Devangana Barua
Dipanshu Ghime

Resource Person
Mr. Nirav Shah

Mentor
Dr. Gresha Bhatia
Dr. Sharmila Sengupta

Dhaanya:AI -Powered Disease Incidence Prediction system for Paddy Plants

Government of Maharashtra,Mahatma Phule Krish Vidyapeeth,Rahuri

Saumya Tripathi
Attreyee Mukherjee
Yashodhan Sharma
Amogh Inamdar

Resource Person
Dr. K.S. Raghuvanshi

Mentor
Dr. Sharmila Sengupta

Development of a Digital Twin for Advanced Cardiovascular Disease(CVD) Monitoring and Management

(Myraa Technologies Pvt. Ltd)

Kinjala Ahuja
Taufique Ansari
Devangana Barua
Dipanshu Ghime

Resource Person
Mrs. Shilpa Karkeraa

Mentor
Dr. Sharmila Sengupta

M/S SK Gurbaxani Pvt. Ltd.Construction Management System App.

M/S SK Gurbaxani Pvt. Ltd.

Aditya Mangtani
Hiten Kataria
Tejas Ghodke
Malhar Pande

Resource Person
Mr. Amar Gurbaxani

Mentor
Mrs.Vidya Zope

AI-Driven short- and medium-term Crude Oil and Carbon Black price forecasting

(Vidhitech Solutions Private Limited, New Delhi)

Dipeshbhai Patel,
Advay Somani
Parth Takale
Parth Udole

Resource Person
Mr. Vinod Taneja

Mentor
Mrs Yugchhaya Galphat

INDUSTRIAL VISIT

Date of IV
7th August,2024
Name and address of Industry
JIO Platforms Pvt. Ltd., Ghansoli

Class Visited
Third Year
Number of students visited : 20

Number of staff visited : 02

Profile of Industry:
Reliance JIO network, one of the pioneers in 5G
network deployment in India along with high speed and scale on its SA Architecture.

World's 2nd most refined server labs

JIO Platforms Pvt. Ltd., Ghansoli

"With Jio, Mukesh Ambani has redefined connectivity, bringing digital empowerment to millions and reshaping India's technological landscape."

INDUSTRIAL VISIT

The BSNL Satellite Earth Station, located at Yeoor Hills, Thane, serves as a critical hub for satellite communication in India. Established by Bharat Sanchar Nigam Limited (BSNL), the station facilitates long-distance communication via satellite links, supporting both domestic and international communication services.

Thane, Maharashtra, India
400606 21, Bendipada, Yeoor Hills, Thane West, Thane, Maharashtra 400610, India
Lat 19.23089°
Long 72.948759°
20/09/24 12:58 PM GMT +05:30

Faculty and students at the Actual Satellite Sight

Satellite Earth Station, BSNL Yeur Thane

Date of IV
18th, 19th and 20th September 2024

Name and address of Industry
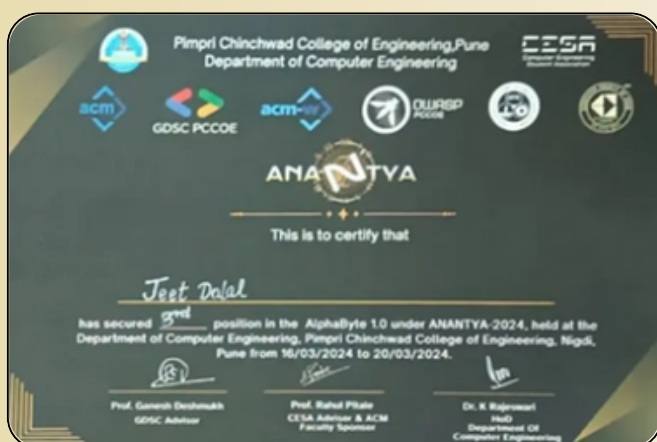Satellite Earth Station, BSNL Yeur Thane

Class Visited
Second Year and Third Year

Number of students visited: 148

Number of staff visited: 11

Mumbai, Maharashtra, India
VESIT, Hashu Adwani Memorial Complex, Collector's Colony, Collector Chembur, Mumbai, Maharashtra 400074, India
Lat 19.045881°
Long 72.88913°
19/09/24 01:57 PM GMT +05:30

Mumbai, Maharashtra, India
VESIT, Hashu Adwani Memorial Complex, Collector's Colony, Collector Colony, Chembur, Mumbai, Maharashtra 400074, India
Lat 19.045881°
Long 72.88913°

PARTICIPATION IN INTER COLLEGE EVENTS

PARTICIPATION IN INTRA COLLEGE EVENTS

No of Events :02

Participation : 19

No of Events : 03

Participation : 39
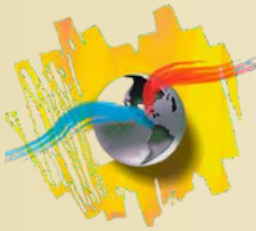
No of Events : 04

Participation : 73

No of Events : 02

Participation : 32

> Climbing to the top demands strength, whether it is to the top of Mount Everest or to the top of your career - Dr. A.P.J. Kalam

PARTICIPATION IN INTRA COLLEGE EVENTS

No of Events :01

Participation : 05

No of Events :15

Participation : 129

No of Events :01

Participation : 01

ALUMNI INTERACTION

V-REACH '24: AN ALUMNI ENGAGEMENT INITIATIVE

V-REACH '24: An Alumni Engagement Initiative was organized by the Department of Computer Engineering under the guidance of Internal Quality Assurance Cell (IQAC).

Session: 1

Topic: Bridging the Gap: From Classroom to Career in Machine Learning
Date: 29th Aug 2024
Speaker: Mr. Neeraj Chachlani
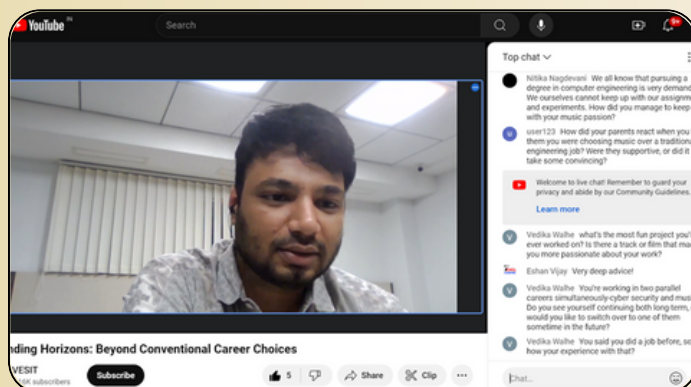Designation/Organization: Lead Data Scientist at Tech Mahindra Doctorate Researcher at SSBM

Session: 2

Topic: Expanding Horizons: Beyond Conventional Career Choices
Date: 15th Oct 2024
Speaker Mr. Parimal Aglave
Designation/Organization Sr. Consultant at St.Fox, Freelance Mixing / Mastering Engine
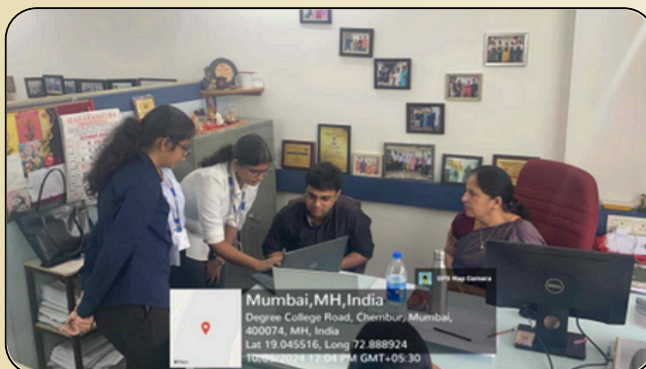
PIONEERING IDEAS: ALUMNI-LED PROJECT REVIEWS

The Department of Computer Engineering conducted "Pioneering Ideas: Alumni-Led Project Reviews" on 5th October 2024. All TE projects were reviewed by Alumni industry experts (Eleven Alumni) having various areas of specialization.

Core Team
1 Dr.(Mrs.) Gresha Bhatia (Deputy HOD , Project Convener)
2 Mrs. Priya R. L (TE Coordinator)
3 Mrs. Prerna Solanke (TE Coordinator)

External Reviewers : Alumni Members
- Mr. Anish Vaidya, Software Engineer II, JP Morgan Chase & Co. Mumbai
- Mr. Srivatsan kannan iyengar, Software Development Engineer 2, Autodesk, Mumbai
- Mr. Amay Lekhraj Chugh, Consultant - Package Implementation, LTIMindtree, Mumbai
- Mr. Jatin M. Bhagchandani, Custom Software Engineering Analyst, Accenture, Mumbai
- Mr. Sahil Rajpal, Software Developer L3, Loopio, Mumbai
- Mr. Chaitanya Anand Sondur, Software Engineer, Forcepoint, Mumbai
- Mr. Prathamesh Dongre, Strategy Consultant, Accenture Strategy & Consulting, Mumbai
- Mr. Nikhil Joshi, Analyst, Institutional Shareholder Services, Mumbai
- Miss. Maitryee Choudhary, Technology Associate, Full stack web developer, Morgan Stanley, Mumbai
- Mr. Amit Dinesh Chhabria, Software Developer 2, Forcepoint, Mumbai
- Mr. Sivanta Beera, Associate Software Engineer, Accenture, Delhi

We all need people who will give us feedback. That's how we improve. - Bill Gates

INTERNSHIPS

40 students have undertaken Internships at 33 various International and National level companies like Jio Platforms Limited, Clario, JSW Steel, SearchAI, CodeClause, tutorU, NPCIL, Pixolo Productions, YBI Foundation, Mastek Ltd, IIT-BHU, Genius Academy, Xangars Infratech Pvt Ltd, Xzect Labs Private Limited, KaamBack, Codsoft, Indian Institute of Technology - Goa,.etc.

SCHOLARSHIPS

VESIT offers various scholarships to meritorious and needy students. Students Aid Scholarship, Ekam Foundation Scholarship, Alumni as well as other scholarships like Jadavpur Alumni Association Scholarships, TU Cibil etc. are offered every year. In the current academic year, **30 students** have applied for various scholarships. A total of **INR 4,22,961** has been received so far by our students.

Our students Ms. Kinjala Sunil Ahuja (Final year), Harshita Lohana (Third Year), Bhagyashree Shankar Vaswani (Final Year) have been awarded the Ekam Foundation Scholarship for Engineering Students for the year 2024-25.

Seven students from SE-CMPN have received the second installment of IDFC FIRST CSR Scholarship.

Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do. If you haven't found it yet, keep looking. Don't settle. As with all matters of the heart, you'll know when you find it. - Steve Jobs

OTHER ACHIEVEMENTS
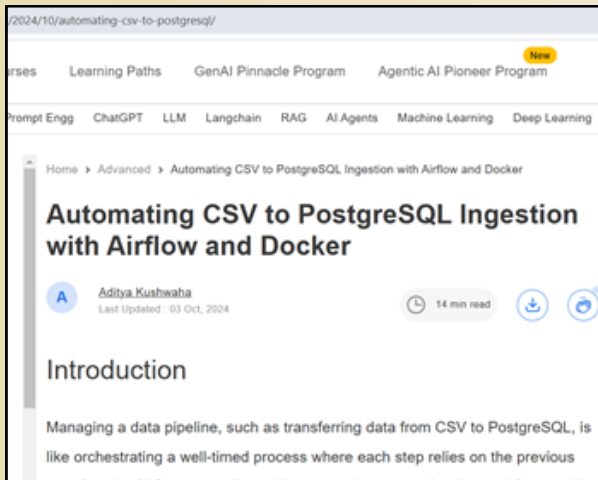
Congrats to Aditya Kushwaha (BE) for his article in Analytics Vidhya's Data Science Blogathon!

Best Paper award in Blockchain Applications at IEEE BCDSS 2024!

Team Memebers: Dalvi Shruti Vijay, Goplani Hitakrit M, Nabar Swara, Mehta Krish, Joseph Richard, Galphat Yugchhaya, Dugad Shashi
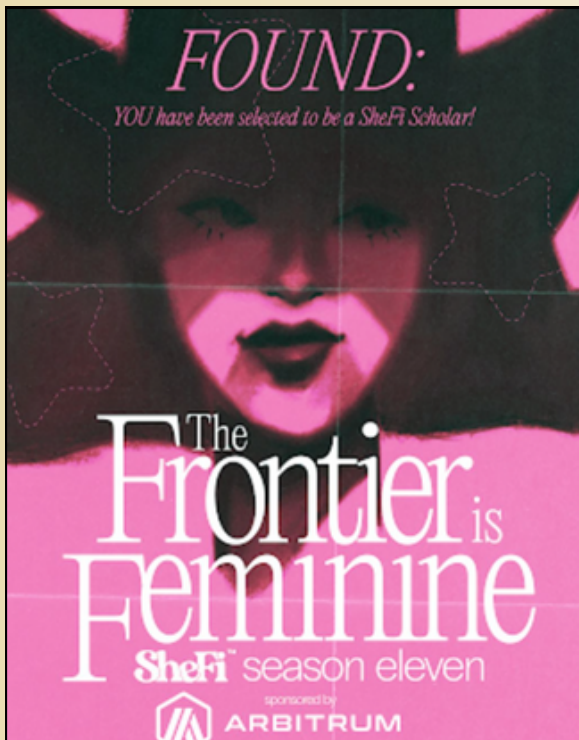
Congrats to Anisha Shankar for earning a full scholarship to the prestigious SheFi Scholars Program!
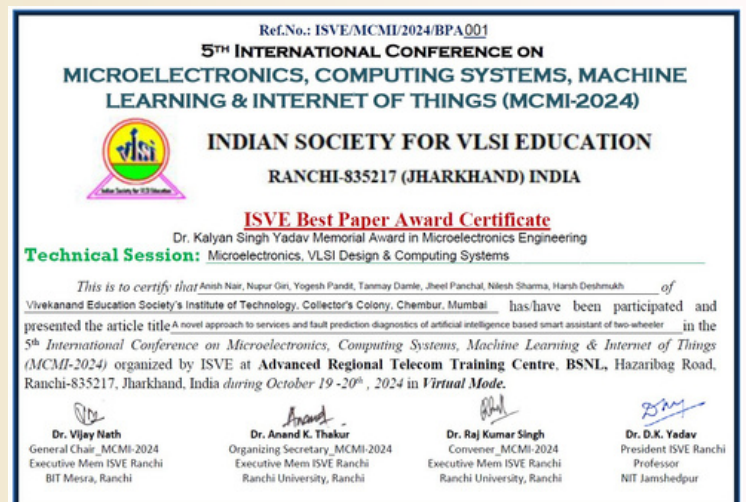
Best Paper Award in 5th international conference on microelectronics, computing systems, machine learning and Internet of things (MCMI 2024), ARTTC BSNL Ranchi.

Team Members: Anish Nair, Dr. Nupur Giri, Yogesh Pandit, Tanmay Damle, Jheel Panchal, Nilesh Sharma, Harsh Deshmukh

FACULTY CONTRIBUTIONS

WORKSHOPS/COURSES CONDUCTED BY DEPARTMENT

Content:

Workshops/Courses Conducted by Department

Courses Attended by Faculty

Skill Development Activities

- NPTEL Certifications

- Certification Exams

Research Activities

- Research Grants

- Expert Talk

- Research Papers Published

Accomplishments

Department of Computer Engineering conducted the ISTE approved Short-Term Training Program (STTP) on **Full-Stack Web and Mobile Application Development** from 08th July 2024 to 12th July 2024.

Coordinators:
Dr. Gresha Bhatia (DHOD, CMPN)
Prof. Pallavi Saindane , Asst. Professor, CMPN

ISTE Approved STTP on Fullstack Web and Mobile Application Development

Session by Mr. Deven Gandre and Mr. Kedar Gandre

FACULTY CONTRIBUTIONS

WORKSHOPS/COURSES ATTENDED BY FACULTY

- **Dr. Nupur Giri, Dr. Gresha S. Bhatia, Dr. Sujata Khedkar, Dr. Sharmila Sengupta, Dr. Prashant Vilas Kanade, Dr. Rohini Temkar, Prof. Geocey Shejy, Dr. Dashrath Mane, Prof. Vidya Zope, Prof. Indu Dokare, Prof. Priya R. L., Prof. Lifna C. S., Prof. Abha Tewari, Prof. Mannat Doultani, Prof. Pallavi Gangurde, Prof. Sanjay Mirchandani, Prof. Nusrat Ansari, Prof. Sunita Suralkar, Mrs. Pallavi Saindane, Prof. Yugchhaya Galphat, Prof. Richard Joseph, Prof. Veena Trivedi, Prof. Prerna Solanke, Prof. Manisha Mathur, Prof. Priti Joshi, and Prof. Priyanka Nagda** attended the Fullstack Web and Mobile Application Development course organized by Vivekanand Education Society's Institute of Technology, Chembur, Mumbai, from 8th July 2024 to 12th July 2024, for a duration of 5 days.

- **Dr. Sujata Khedkar** attended the GenAI and Prompt Engineering using Microsoft Co-Pilot course organized by BNM Institute of Technology, Bangalore from 16th September 2024 to 20th September 2024, for a duration of 5 days.

- **Prof. Abha Tewari** participated in the Generative Adversarial Network and Autoencoders for Computer Vision course organized by TSEC, Mumbai, from 3rd June 2024 to 8th June 2024, for a duration of 6 days.

- **Prof. Abha Tewari** attended a Research Talk on "A Research Journey on Utilizing Soft Computing in Mobile Adhoc Network for Balanced Energy Consumption" organized by Vivekanand Education Society's Institute of Technology, Chembur, Mumbai, on 31st August 2024, for 1 day.

- **Prof. Pallavi Saindane** attended the Faculty Development Programme (FDP) on Publish and Promote Your Research: Tools & Techniques organized by SIES Nerul in association with Lore & Ed Associates from 5th August 2024 to 14th August 2024, for a duration of 8 days.

SKILL DEVELOPMENT ACTIVITIES

NPTEL COURSES

- **Prof. Yugchhaya Galphat** completed a course on **"Theory of Computation"** with a final score of 96, receiving an Elite certificate, and a course on **"Database Management System"** with a final score of 88, receiving an Elite certificate.

- **Prof. Pallavi Gangurde** completed a course on **"Demystifying Networking"** with a final score of 70, receiving an Elite certificate.

- **Prof. Rupali Soni** completed a course on **"Theory of Computation"** with a final score of 77, receiving an Elite certificate.

- **Prof. Sanjay Mirchandani** completed a course on **"Selection of Nanomaterials for Energy Harvesting and Storage Application"** with a final score of 70, receiving an Elite certificate, a course on **"Teaching and Learning in General Programs: TALG"** with a final score of 67, receiving an Elite certificate, a course on **"Physics of Renewable Energy Systems"**, and a course on **"Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning"**.
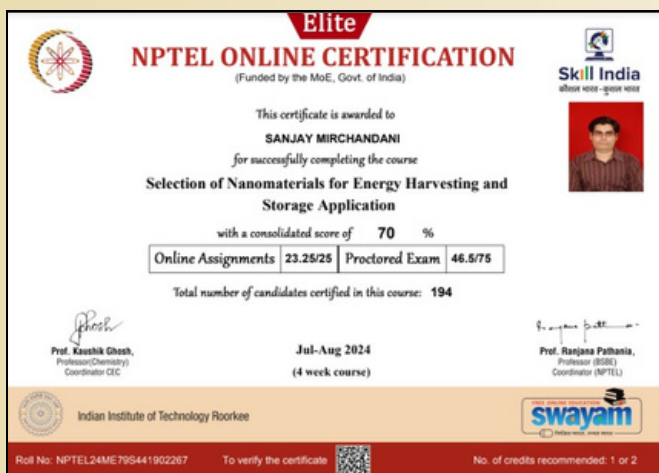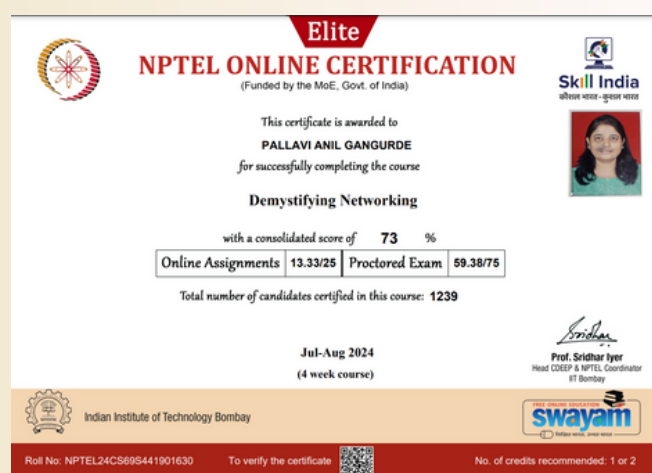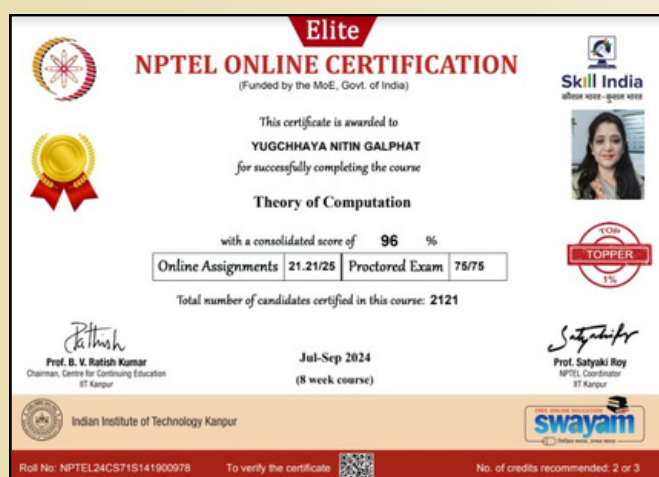
SKILL DEVELOPMENT ACTIVITIES

CERTIFICATION EXAMS

- **Prof. Vidya Zope** completed the **"Prompt Engineering for Everyone"** course from cognitiveclass.ai, powered by IBM Developer Skills Network, over a period of 7 days.

- **Prof. Lifna C. S.** completed the **"Hyperledger Fabric Fundamentals (Go)"** course from Kerala Blockchain Academy, which focuses on the technical and logical architecture of various components in Hyperledger Fabric using a fictional case study, over a period of 7 days.

RESEARCH ACTIVITIES

RESEARCH GRANTS

Project Title: AI-Driven Short- and Medium-Term Crude Oil and Carbon Black Price Forecasting.

In association with : Vidhitech Solutions Pvt. Ltd. (This project is formalized through a Memorandum of Understanding (MoU) and has a budget of INR 60,000.)

Date : August 2024 to July 2025

Faculty: Prof. Yugchhaya Galphat

Project Title: Construction Management System App

In association with : M/S SK Gurbaxani Pvt. Ltd. and SK Gurbaxani Civil Contractors . (This project is supported by a Memorandum of Understanding (MoU)).

Date : August 2024 to August 2025

Faculty: Prof. Vidya Zope

Project Title: Dhaanya

In association with : Agricultural Research Station in Lonavla.

Date : September 2024 to March 2025

Faculty: Dr. Sharmila Sengupta

Project Title: Visual Digital Twin of Medical Solutions for a specialised Gen AI Agentic Model

In association with : Myraa Technologies Pvt. Ltd.(This project is supported by a Memorandum of Understanding (MoU)).

Date : August 2024 to August 2026

Faculty: Dr. Sharmila Sengupta

Project Title: Delivery X

In association with : Navkar Safal Pvt. Ltd. (This project is supported by a Memorandum of Understanding (MoU) with a budget of INR 75,000.)

Date : November 2023 to November 2024

Faculty: Dr. Gresha Bhatia and Dr. Sharmila Sengupta

RESEARCH ACTIVITIES

EXPERT TALKS

A Research Journey on Utilizing Soft Computing in Mobile Ad Hoc Networks for Balanced Energy Consumption was organized by the Department of Computer Engineering In Association with VESIT Research Forum, VESIT - Institution's Innovation Council and VESIT - Internal Quality Assurance Cell on 31st August 2024 by Dr. Veena Trivedi-Scientific Officer, Computer Division, BARC.


RESEARCH PAPERS PUBLISHED

- Faculty and students from the Department of Computer Engineering have published around 4 research papers in various International / National/ Journals and conferences of repute.

"First, have a definite, clear, practical ideal; a goal, an objective. Second, have the necessary means to achieve your ends: wisdom, money, materials, and methods. Third, adjust all your means to that end." – Aristotle

ACCOMPLISHMENTS

- **Dr. Nupur Giri** is one of the ten Global Judges for the **'AI Changemaker competition'**, collaborating with **Syarina Hisham, Nathaniel Taylor-Leach, Andrej Boleslavsky, Kedar Jaidev, Riddhi Mehta, Antonius MB, Tomasz Maszczyk, Henry Porras, and Charles Lee**.
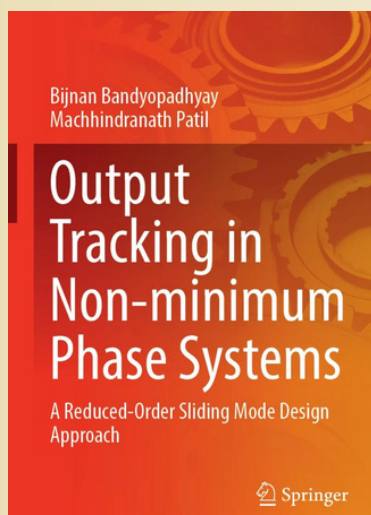
- A book on **" Output Tracking in Non-Minimum phase System"** published by **"Bijnan Bandyopadhyay and Michhindranath Patil" ;**Springer.

- **Prof. Geocey Shejy, Prof. Lifna C.S., and Prof. Nusrat Ansari** met the DSCI members during the inaugural of Data Security Council of **India- Member Symposium** in Mumbai on 27th Sept 2024.

- **Prof Lifna C.S** Attended Annual CSI e-TechNext2024 (30th Aug. 2024) event at RAIT, Nerul.

STAFF INCHARGES

Dr. Nupur Giri
Head of Department

Dr. Gresha Bhatia
Deputy Head of Department

Prof. Nusrat Ansari
Assistant Professor

Prof. Pallavi Saindane
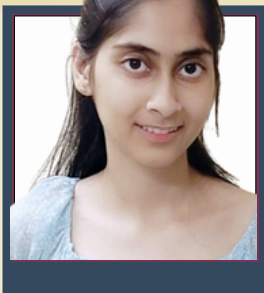Assistant Professor

EDITORIAL TEAM

Mohit Patil
D17B

Sarang Pavanaskar
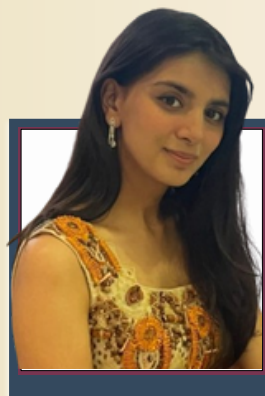D12A

Harsh Ahuja
D12A

Anjali Thakrani
D12B

Madhura Anerao
D12A

Vedant Mhatre
D7C

Hiren Karwani
D12C

Peehu Makhija
D7B

Ravina Vartak
D12A