



# Vivekanand Education Society's Institute Of Technology

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

## Ruby Jubilee Year Department of Computer Engineering

# परिख्य

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.

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.



**Prof. Richard Joseph**  
Assistant Professor

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

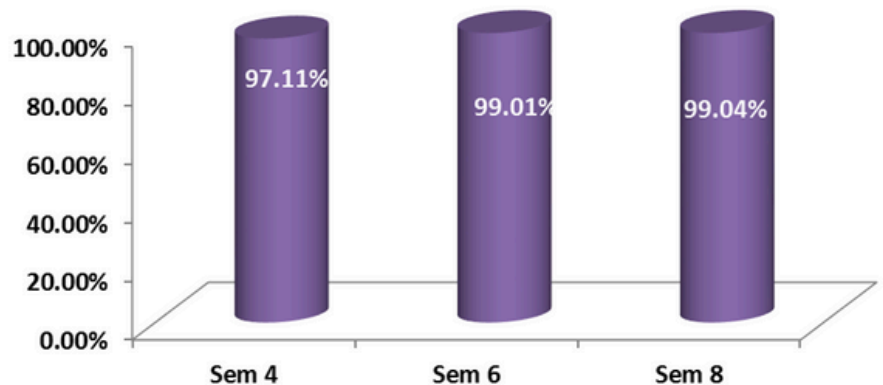
Internships

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

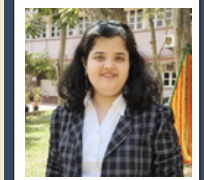
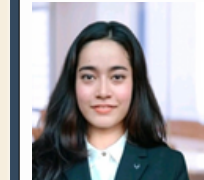
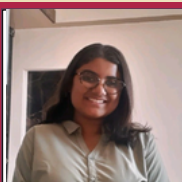
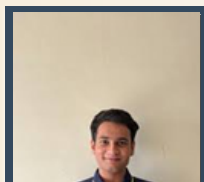
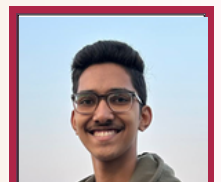
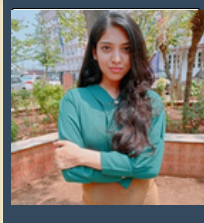
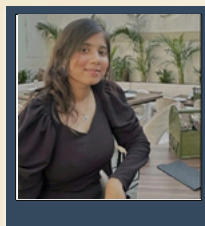
**96%**

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

**CTC- 13 LPA****Vishakha Mangtani****Gayatri Vaidya****Sadhak Kumar****Devangana Barua****Syed Ilham****Manasi Sharma****Rishi Kokil****Taufique Ansari****Yashodhan Sharma****Ravi Valecha****CTC- 13 LPA****Anagha Kulkarni****Piyush Chugeja****Kinjala Ahuja****Simran Ahuja****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



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.

 <b>VIVEKANAND EDUCATION SOCIETY</b> INSTITUTE OF TECHNOLOGY (AUTONOMOUS)		
 INSTITUTION'S INNOVATION COUNCIL <small>(Ministry of HRD, India)</small>	 StartUP Clinic <small>Powered by MR. IIT Foundation Incubation Centre, Mumbai</small>	 H.A.B.I.T. FOUNDATION
VESIT – Institution's Innovation Council (IIC) In Association Internal Quality Assurance Cell (IQAC) Vivekanand Education Society's Institute of Technology Department of Computer Engineering <b>Organises a</b> <b>Skill Enhancement Lecture</b> <b>on</b> <b>Innovative Industrial Aspects of Digital Electronics</b> <b>Speaker</b> <b>Dr. Sanjay Thakur</b> <i>R&amp;D Head</i> <b>Suyog Telematics Limited</b>		
Coordinated by: Mrs. Indu Dokre Ms. Pallavi Gangurde Mrs. Nusrat Ansari		Date: 08th Oct., 2024 Venue: Auditorium, Time: 10:30 AM to 12:30 PM
Dr. (Mrs.) Nupur Giri HOD, CMPN	Dr. (Mrs.) Gresha Bhatia DHOD, CMPN	
Shri. B. L. Bholani Managing Trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. (Mrs.) M. Vijayalakshmi Vice-Principal, VESIT
Hashu Adwani Memorial Complex, Collector's Colony, Chembur (E), Mumbai - 400074, INDIA		

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.



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.



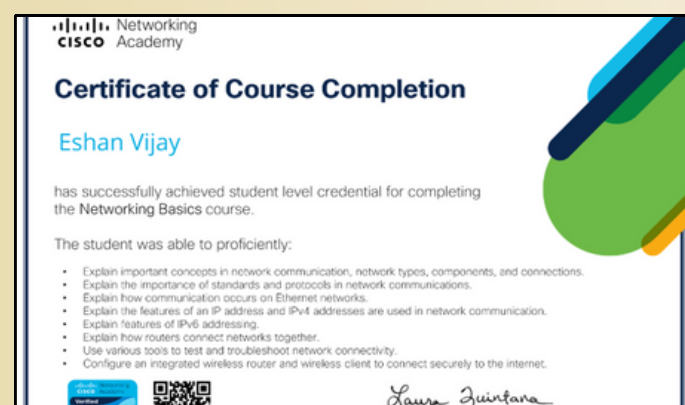
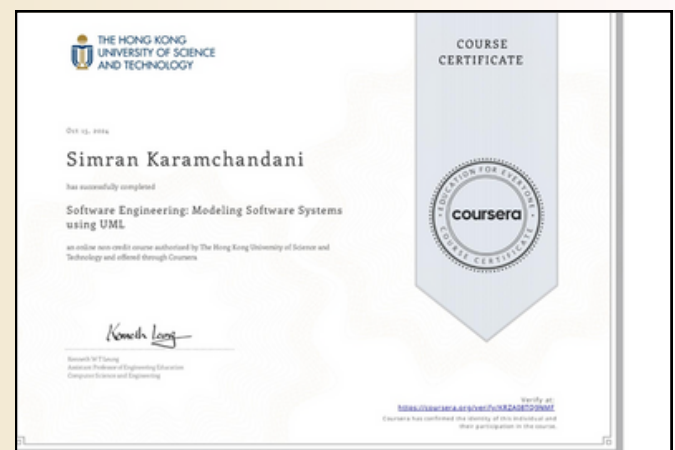
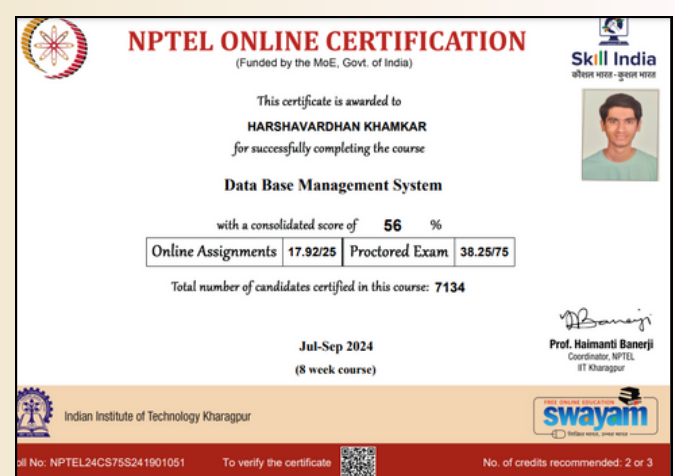
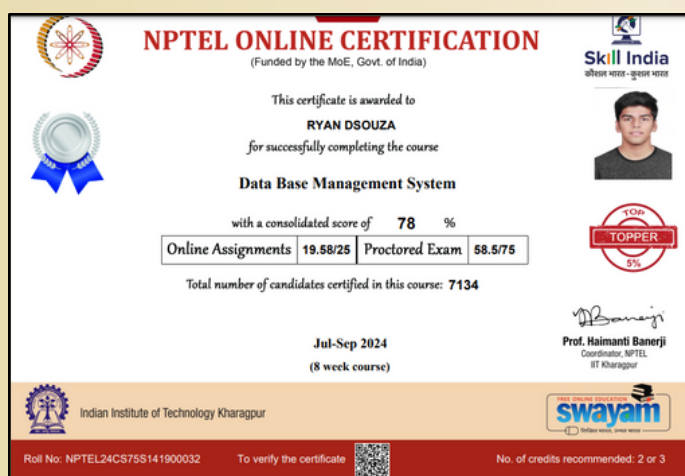
Student count: 6



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.



**VIVEKANAND EDUCATION SOCIETY'S**  
Institute of Technology  
Autonomous Institute Affiliated to University of Mumbai

Under the guidance of  
**VESIT Internal Quality Assurance Cell**

**Department of Computer Engineering**  
**Organizes**

**Know Your Department**  
**S.E.(Computer Engineering) Orientation**

- NEP Syllabus
- Infrastructure
- Projects
- Research & Development
- Placement
- Exam
- Code cell

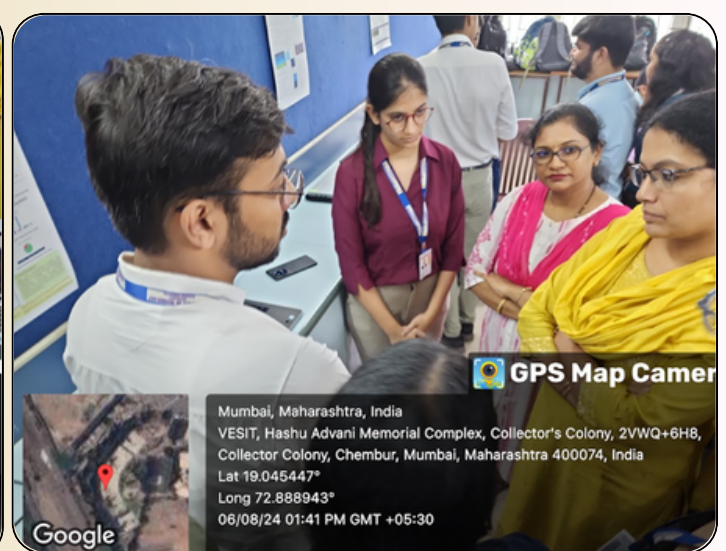
Date: 25th July 2024	Venue: Classroom	Time: 12:00 pm
Dr. Nigur Giri HOD, Computer Engineering	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. Gresha Bhatia Dy. HOD, Computer Engineering
Shri. B. L. Boolani Managing Trustee, VES		Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT

Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai - 400074, India  
Tel: 822-41532532 Fax: 822-41532555 Email: vesit@ves.ac.in principal.vesit@ves.ac.in Website: https://ves.ac.in/vesit/

## 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:

<b>Project Title:</b>	Blockchain-Based Intelligent Disbursement in National Scholarship Portal
<b>Team Members:</b>	Sujal Pathrabe, Eshan Vijay, Vivek Menghani, Sanchet Khemani, Asmi Rajbhar, Atharva Devendra Hande
<b>Achievement :</b>	1st Rank
<b>Mentor:</b>	Prof. Lifna C S

<b>Project Title:</b>	Indian Heritage Preservation
<b>Team Members:</b>	Ved Waje, Nupur Pathare, Maanav Valecha, Khwaish Shahani, Bhavesh Ajwani
<b>Achievement :</b>	2nd Rank
<b>Mentor:</b>	Prof. Vidya Zope

<b>Project Title:</b>	PictoNarrot - Picture-Based Storytelling and Learning App
<b>Team Members:</b>	Vedant Pawar, Anjali Thakrani, Parth Wande, Namneet Singh Labana, Hiren Karwani, Khwaish Shahani
<b>Achievement :</b>	3rd Rank
<b>Mentor:</b>	Dr. Sujata Khedkar

### CodeCell Winners:

<b>Project Title:</b>	E-commerce App
<b>Team Members:</b>	Prajwal Dinesh Kulkarni, Niraj Chaudhari, Pankaj Gupta
<b>Achievement :</b>	1st Rank
<b>Mentor:</b>	Prof. Richard Joseph

<b>Project Title:</b>	Movie Review App
<b>Team Members:</b>	Dhruv Ashok Lohana, Sahil Bajaj
<b>Achievement :</b>	2nd Rank
<b>Mentor:</b>	Prof. Richard Joseph

<b>Project Title:</b>	Weather App
<b>Team Members:</b>	Nihal Sinha, Vanshika Somnani, Amogh Sanjay More, Jae Sakharakar, Gaurav Khutwal
<b>Achievement :</b>	3rd Rank
<b>Mentor:</b>	Prof. Richard Joseph

### Generative AI Winners:

<b>Project Title:</b>	C. Being Mentally Healthy; C.2 Empathy and Compassion Training
<b>Team Members:</b>	Aditya Agrahari, Anisha Shankar, Darshan Vishnu Khapekar, Dipeshbhai Patel
<b>Achievement :</b>	1st Rank
<b>Mentor:</b>	Dr. Nupur Giri

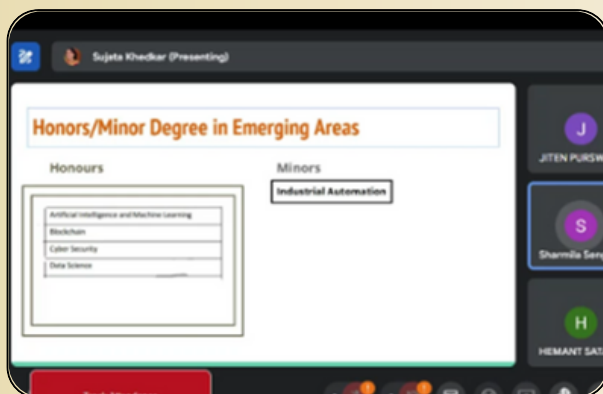
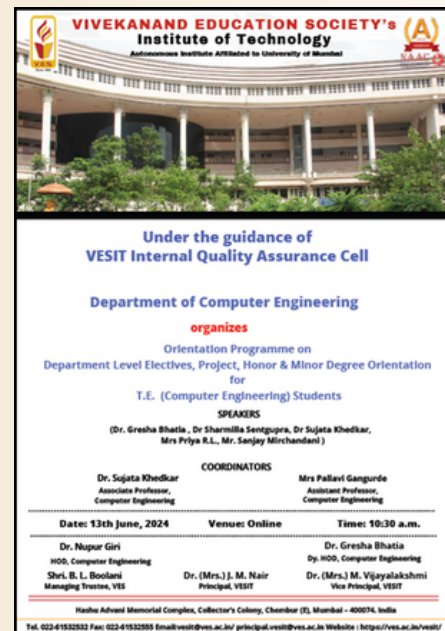
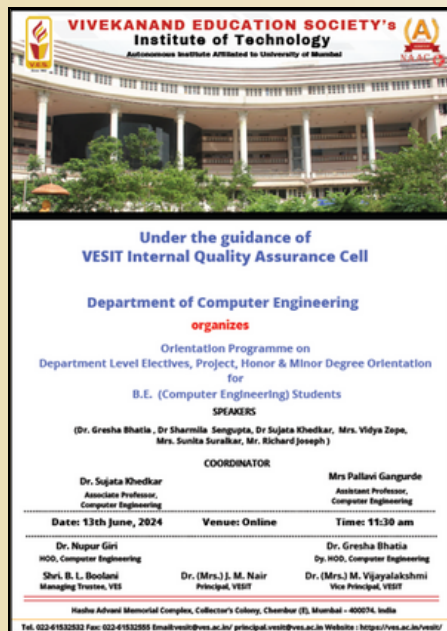
<b>Project Title:</b>	A. Understanding Core Human Values; A.2 Human Rights Education
<b>Team Members:</b>	Deepak Pandharinath Kumbhar, Tejas Mahesh Gadge, Atharva Deore, Niraj Chaudhari
<b>Achievement :</b>	2nd Rank
<b>Mentor:</b>	Dr. Nupur Giri

<b>Project Title:</b>	B. Living in a Society, Peacefully; B.1 Community Service and Social Responsibility
<b>Team Members:</b>	Ishwari Sunil Dehadray, Siddhi Awari, Kushl Alve, Pankaj Gupta
<b>Achievement :</b>	3rd Rank
<b>Mentor:</b>	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

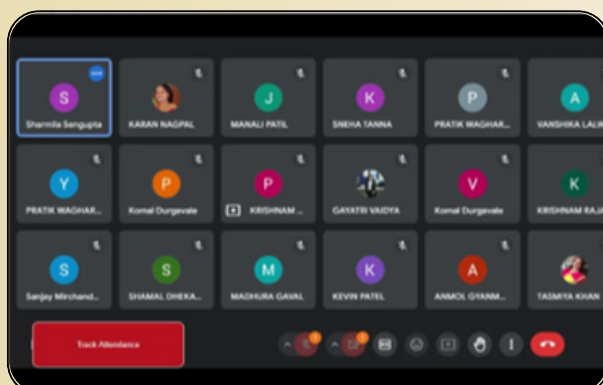
The Department of Computer Engineering organized an orientation programme for B.E. and T.E. students to provide guidance on Department Level Electives, Project Work, Honors, and Minor Degree options. This orientation aimed to help students make informed decisions regarding their academic paths and explore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



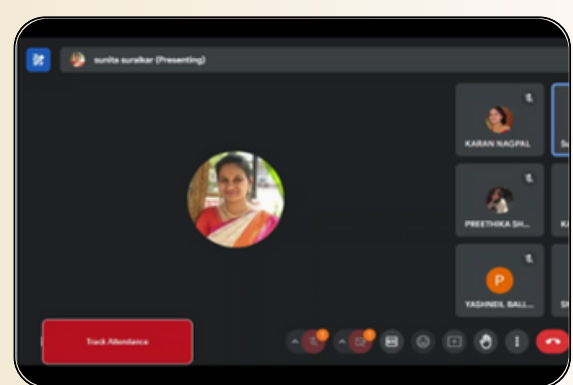
Dr. Sharmila Sengupta briefing the BE students



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 equipped 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. Ninad Thakre and Mr. Santosh Rathod

**Vivekanand Education Society's Institute of Technology**  
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Department of Computer Engineering  
Organizes.....

In association with IIC and IQAC  
For  
VESIT's Ruby Jubilee Celebration

**An offline Industry driven Add-on-course on Full Stack Web And Mobile Application Development**

**DATE:** 8th July - 12th July 24  
**TIME:** 9 am to 4:30 pm

**30 HRS HANDS-ON SESSION**

BY  
**Fortune4 Technologies**

It is an ISO 9001 and ISO 27001 certified company

Fortune4 stands at the forefront of innovation in the ever-evolving landscape of creativity and leveraging cutting-edge technologies, empowering businesses and startups to efficiently develop innovative products and ensure sustainable growth and success.

**carwale**  
Part of CarTrade Tech, its mission is to provide reliable tools and services to help car consumers decide on buying the right car, at the right price. While constantly adapting to changing world and pursuing excellence

**INDUSTRY EXPERTS**

 Ninad Thakre Director, Fortune4 Technologies	 Sameer Mhatre Director, Fortune4 Technologies
 Deven Gandre Team Lead, Fortune4 Technologies	 Sanika Chavan Software Development Engineer2, CarWale

<b>Dr. (Mrs.) Nupur Giri</b> Course Convenor, HOD, Computer Engg Managing Trustee, VES	<b>Dr. (Mrs.) Gresha Bhatia</b> Course coordinator, Dy. HOD, Computer Engg Dr. (Mrs.) J. M. Nair Principal, VESIT	<b>Mrs. Pallavi Saindane</b> Course coordinator, Asst. Prof., Computer Engg Dr. (Mrs.) Vijayalakshmi Vice Principal, VESIT
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### SALIENT FEATURES OF THE COURSE

- LEARN FROM THE INDUSTRY EXPERTS
- CUTTING EDGE TECHNOLOGIES
- INDUSTRY RELEVANT PROJECTS
- JOB READY SKILLS
- INTERACTIVE LEARNING
- NETWORKING OPPORTUNITIES
- CAREER SUPPORT
- COMPREHENSIVE CURRICULUM

### COURSE CONTENT

- INTRODUCTION TO FULL STACK DEVELOPMENT
- DESIGN THINKING, PROTOTYPING
- FRONT END TECHNOLOGIES
- JAVASCRIPT FUNDAMENTALS
- FRONTEND FRAMEWORKS
- BACKEND TECHNOLOGIES
- CMS PLATFORMS
- DATABASE FUNDAMENTALS
- CROSS-PLATFORM DEVELOPMENT
- API INTEGRATION WITH MICRO SERVICE
- TESTING AND QUALITY ASSURANCE
- DEPLOYMENT STRATEGIES
- VERSION CONTROL

### PARTICIPANT GUIDELINES

REGISTRATION FEES :- Rs.-2500/-

**AVAIL 80% DISCOUNT ON EARLY BIRD REGISTRATION**

**RS 500 ONLY**

GRAB THIS OPPORTUNITY NOW FOR



SCAN IT

### REGISTRATION DETAILS

Kindly refer the following payment details:

Account Name: V.E.S. Institute Of Technology  
Account No. : VIVEKAXXXXXXXXXX  
(VIVEKA FOLLOWED BY 10 DIGIT MOBILE NO. OF PARTICIPANT)  
IFSC: ICIC0000106  
Account Type: Saving

**REGISTER NOW!**



**ADD-ON-COURSE Registration Link**

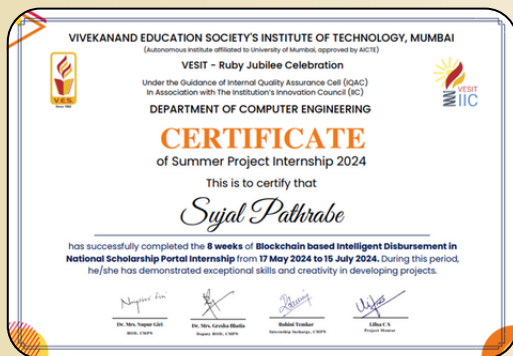
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# TINKERER'S LAB : CODECELL ACTIVITIES

## 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 Chougale, Latish Advani

**Number of Student Participants** = 98

**Vivekanand Education Society's Institute of Technology**  
 Autonomous Institute affiliated to University of Mumbai  
 approved by AICTE

**CodeCell Tinkerer's of Computer Engineering**  
 (In Association with VESIT IQAC and VESIT IIC)

**Department of Computer Engineering Presents**

## FOSTERING ENTREPRENEURSHIP AND INNOVATION : A HANDS-ON JOURNEY

**TRAINING IN MERN**  
 18th May, 24 - 24th May, 24

**TRAINING IN DJANGO**  
 24th May, 24 - 31st May, 24

**HANDS ON PROJECT DEVELOPMENT**  
 1st June, 24 - 15th July, 24

**Duration - 2 Months**  
**Mode - Hybrid**  
**Starting Date - 18 May, 24**

Principal Dr. Mrs. J. M. Nair	Vice-Principal Dr. M. Vijayalakshmi	HOD, Computer Dept. Dr. Nupur Giri	Team CodeCell
CodeCell Incharge	CodeCell Coordinator	Managing Trustee	

**VIVEKANAND EDUCATION SOCIETY'S Institute of Technology**  
 Autonomous Institute Affiliated to University of Mumbai

**Department of Computer Engineering**  
 In Association with VESIT-IIC and VESIT-IQAC

**offers**

## SUMMER INTERNSHIP 2024

**Duration: 17th May 2024 to 15th July 2024**  
**Hybrid Mode**

**Dr. Rohini Temkar**  
 Internship Coordinator

Dr. Nupur Giri HOD, Computer Engineering	Dr. Gresha Bhatia Dy. HOD, Computer Engineering
Shri. B. L. Boolani Managing Trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT
	Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT

# TINKERER'S LAB : CODECELL ACTIVITIES

## INNOVATE AND ELEVATE: A CAREER SERIES

### Name and details of the Speaker :

1. Ms. Attreyee 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.

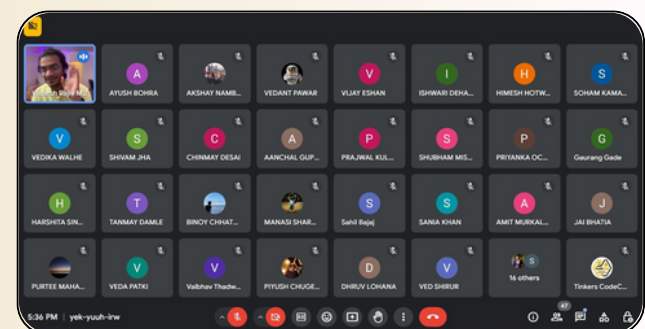


### Day 2 - August 22nd, 2024

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

INSTITUTION'S INNOVATION COUNCIL  
Department of Computer Engineering  
Presents

UNDER THE GUIDANCE OF INTERNAL QUALITY ASSURANCE CELL (IQAC)  
IN ASSOCIATION WITH INSTITUTION'S INNOVATION COUNCIL (IIC)

**BOOTCAMP ON STARTUP BLUEPRINT**  
A PART OF ENTREPRENEURIAL EDGE : PHASE I

**THURSDAY**  
August 29, 2024  
1:30 PM to 3:30 PM

**VENUE : B32**

**REGISTRATION QR**

**THE SPEAKER LINEUP**

SPEAKER <b>Aditya Mangtani</b> BE	SPEAKER <b>Hiten Kataria</b> BE

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

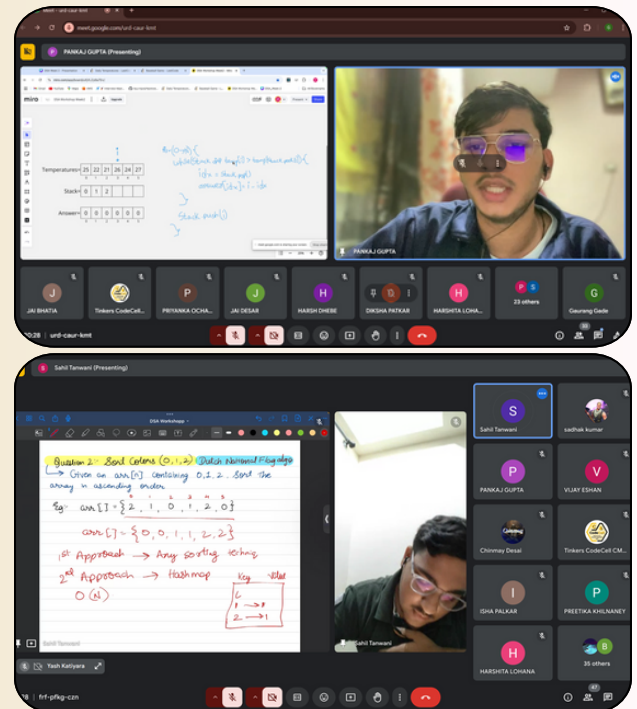
### Name and details of the Speaker

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.

CodeCell Tinkerer's of Computer Engineering  
(In Association with VESIT IQAC and VESIT IIC)

Department Of Computer Engineering  
Presents

### DSA WORKSHOP : APPLICATIONS FOR COMPETITIVE SUCCESS

**THEORY**  
27 Sept 2024  
3:00 to 5:00 PM  
B32

**CONTEST + QNA**  
28 Sept 2024  
Online

**OPEN FOR ALL SES, TES and BES**  
Your ticket to Competitive Programming

**Array | Searching | Sorting**

CHINMAY DESAI
 SADHAK KUMAR
 SAHIL TANWANI

CodeCell Tinkerer's of Computer Engineering  
(In Association with VESIT IQAC and VESIT IIC)

Department Of Computer Engineering  
Presents

### DSA WORKSHOP : APPLICATIONS FOR COMPETITIVE SUCCESS

**THEORY**

PANKAJ GUPTA  
Stack
 PIYUSH CHUGEJA  
Queue
 JAI BHATIA  
Linked List

04 Oct 2024 3:00 to 5:00 PM B32

**CONTEST**

05 Oct 2024  
Online

**OPEN FOR ALL SES, TES and BES**



# TINKERER'S LAB : CODECELL ACTIVITIES

## GEN AI – INNOVATION MADE SIMPLE



**Vivekanand Education Society's Institute of Technology**  
Autonomous Institute affiliated to University of Mumbai  
approved by AICTE

**CodeCell Tinkerer's of Computer Engineering**  
(In Association with VESIT IQAC and VESIT IIC)

**Gen AI**  
Innovation Made Simple

- Basics of LLM and transformers.
- Chatbots using no-code platforms.
- Step-by-step guidance for building and customizing chatbots.
- Ideal for beginners, entrepreneurs, and tech enthusiasts.

**Vedant Pawar**  
D17C

**Piyush Chugeja**  
D17B

**Date :** 23 Sept 2024  
**Time :** 3 PM to 5 PM  
**Venue :** B32

**Open for all**

### 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

**Vivekanand Education's Society's Institute Of Technology**  
Autonomous Institute Affiliated to University Of Mumbai  
approved by AICTE

Codecell Tinkerer's Of Computer Engineering  
(In Association With VESIT IQAC and VESIT IIC)

**HACKTOBER FEST**

**> ADD, COMMIT, INNOVATE :  
GITHUB FOR HACKTOBERFEST**

**Intro to Open Source  
Git and GitHub**

**> 10th Oct 24'  
> B32  
> 3 PM to 5 PM**

**SPEAKERS**

**Gautam Rai D12C** **Vedika Walhe D12B**

**> OPEN FOR ALL**

**Principal**  
Dr. Mrs. J. M. Nair

**Vice-Principal**  
Dr. M. Vijayalakshmi

**Managing Trustee**  
Shri. B. L. Boolani

**Team CodeCell**

**HOD, Computer Dept.**  
Dr. Nupur Giri

**CodeCell Incharge**  
Dr. Prashant Kanade

**CodeCell Coordinator**  
Mr. Richard Joseph

### 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.

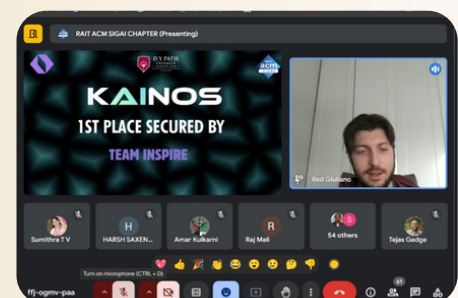
**Project Title:** "Blockchain based National Scholarship Portal"

### 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

**Artificial 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.



### 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

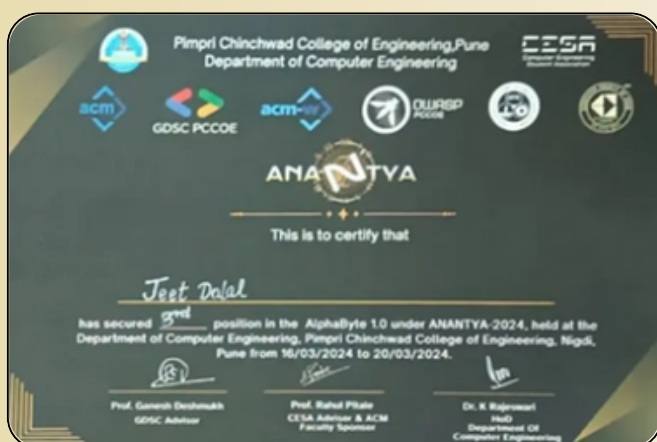
Second Year and Third Year

**Number of students visited: 148**

**Number of staff visited: 11**



# 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



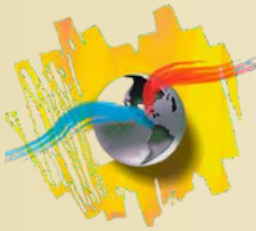
No of Events : 02

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



**VIVEKANAND EDUCATION SOCIETY'S  
INSTITUTE OF TECHNOLOGY**

**V-REACH '24**  
 An Alumni Engagement Initiative by IQAC  
 In Association Institute Innovation Council ( IIC )

Alumni Connect Initiative

Department Of Computer Engineering  
*presents*  
**Bridging the Gap: From Classroom to Career  
in Machine Learning**  
 IQAC Event ID: VESIT\_2024\_25\_UID-0010

Joining us for this session is Neeraj, a data science consultant with nearly a decade of experience and a PhD candidate in Machine Learning. Neeraj specializes in creating data-driven solutions across various industries and is passionate about mentoring students on their journey from the classroom to a career in tech.

From personalized recommendations and autonomous vehicles to healthcare diagnostics and financial forecasting, ML is at the forefront of transforming industries and enhancing decision making processes. Developing core skills for ML roles, recognizing practical AI uses, and adapting to the shifting tech landscape are crucial for establishing a successful career in this ever-evolving sector. The significance of these insights is underscored by ML's growing role in driving innovation and shaping the future of technology.

*Speaker*  
**Mr. Neeraj Chachlani**  
 (CMPN-2014)  
*Lead Data Scientist at Tech Mahindra | Doctorate Researcher at SSBM*

**Thursday, 29th August 2024**  
**10:30 - 11:30 AM IST**

Dr. (Mrs.) Nupur Giri HOD, CMPN	Dr. (Mrs.) Gresha Bhatia DIHOD, CMPN	Mrs. Indu Dokare VReach Incharge, CMPN	Mrs. Priya R. L. VReach Coordinator, CMPN
Shri. B. L. Boolani Managing Trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT	

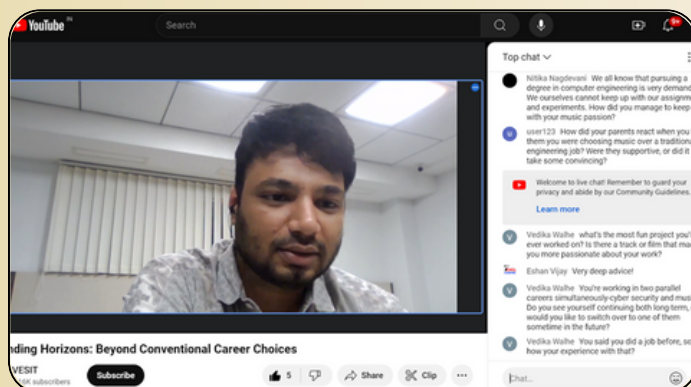
### Session: 2

**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 Engineer



**VIVEKANAND EDUCATION SOCIETY'S  
INSTITUTE OF TECHNOLOGY**

**V-REACH '24**  
 An Alumni Engagement Initiative by IQAC  
 In Association Institute Innovation Council ( IIC )

Alumni Connect Initiative

Department of Computer Engineering  
*presents*  
**Expanding Horizons: Beyond Conventional  
Career Choices**  
 IQAC Event ID: VESIT\_2024\_25\_UID-0058

We are excited to welcome Parimal Aglave, an inspiring alumnus from the Computer Engineering batch of 2016, who took a remarkable leap from engineering to the music industry. With over eight years of experience in audio engineering, sound design, and music production for Indian and international films, Parimal has contributed to notable projects like the background score for the Indian film Simran and sound design for the Greek movie Dear Athens. Parimal's journey showcases how passion, dedication, and creativity can carve new paths.

*Speaker*  
**Mr. Parimal Aglave**  
 (CMPN-2016)  
*Sr. Consultant at St. Fox  
Freelance Mixing / Mastering Engineer*

**Tuesday, 15th October 2024**  
**6:00 - 7:00 PM IST**

**Ishwari Dehadray**  
 (TE CMPN-2024)  
*Moderator*

Dr. (Mrs.) Nupur Giri HOD, CMPN	Dr. (Mrs.) Gresha Bhatia DIHOD, CMPN	Mrs. Indu Dokare VReach Incharge, CMPN	Mrs. Priya R. L. VReach Coordinator, CMPN
Shri. B. L. Boolani Managing Trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT	



## PIONEERING IDEAS: ALUMNI-LED PROJECT REVIEWS

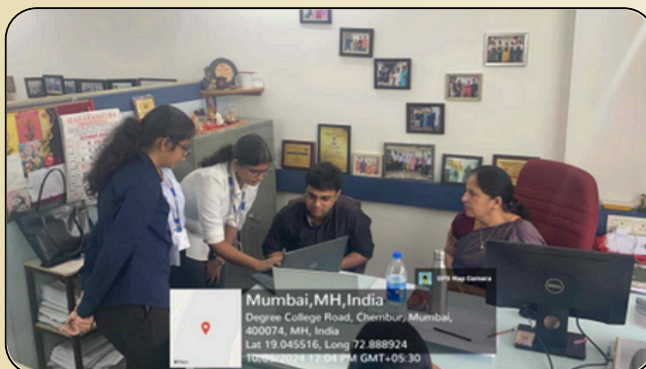
The Department of Computer Engineering conducted “Pioneering Ideas: Alumni-Led Project Reviews” on 5th October 2024. All TE projects were reviewed by Alumni industry experts (Eleven Alumni) having various areas of specialization.


### 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




**VIVEKANAND EDUCATION SOCIETY'S**  
**Institute of Technology**  
(Autonomous Institute Affiliated to University of Mumbai)


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**VESIT - Ruby Jubilee Celebration**  
**Department of Computer Engineering**  
 In Association with Institution's Innovation Council (IIC) &  
 Internal Quality Assurance Cell (IQAC)  
 Organizing

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**Pioneering Ideas: Alumni-Led Project Reviews**

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 **5TH OCTOBER 2024**

 **09:30 AM ONWARDS**

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 **VESIT THIRD FLOOR LABS**

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<b>Prof. Priya R. L.</b> T.E. Project Coordinator	<b>Prof. Prerna Solanke</b> T.E. Project Coordinator
<b>Dr. Nupur Giri</b> HOD, CMPN	<b>Dr. Gresha Bhatia</b> DHOD & Project Convener, CMPN
<b>Shri. B.L. Boolani</b> Managing Trustee, VESIT	<b>Dr.(Mrs.) J.M. Nair</b> Principal, VESIT
<b>Dr.(Mrs.) M. Vijayalakshmi</b> Vice Principal, VESIT	

Hashu Adwani Memorial Complex, Collector's Colony, Chembur, Mumbai, Maharashtra 400074  
 Tel : +91-22-61532510 Fax : +91-22-61532555 Email : vesit@ves.ac.in Website : https://vesit.ves.ac.in

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

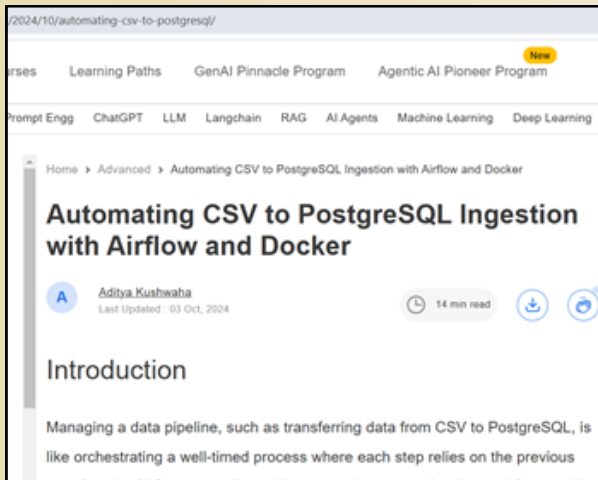
VESIT offers various scholarships to meritorious and needy students. Students Aid Scholarship, Ekam Foundation Scholarship, Alumni as well as other scholarships like Jadavpur Alumni Association Scholarships, TU Cibil etc. are offered every year. In the current academic year, **30 students** have applied 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

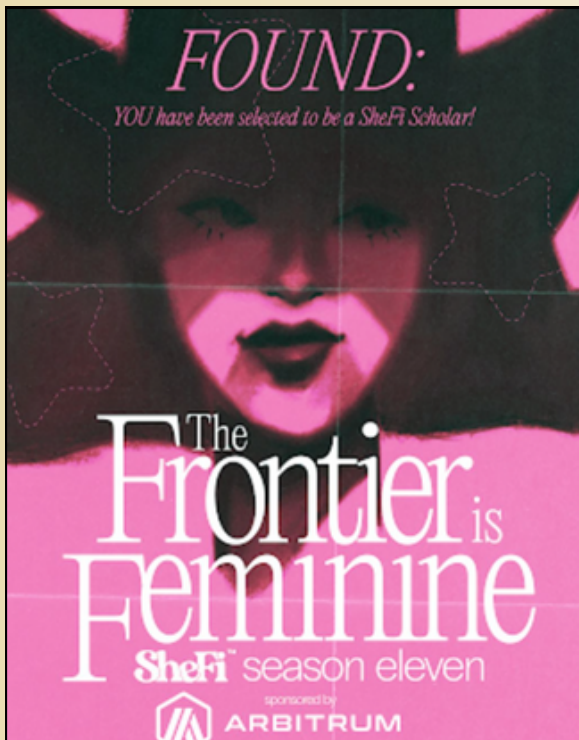


**Congrats to Aditya Kushwaha (BE) for his article in Analytics Vidhya's Data Science Blogathon!**

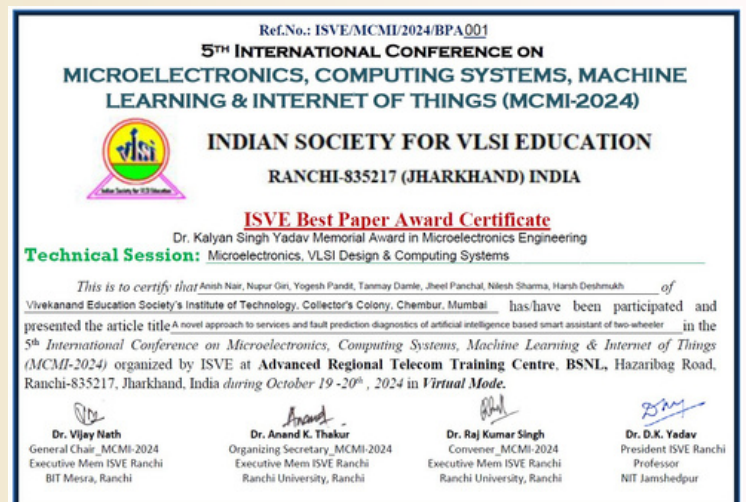


**Best Paper award in Blockchain Applications at IEEE BCDSS 2024!**

**Team Memebers:** Dalvi Shruti Vijay, Gopani 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

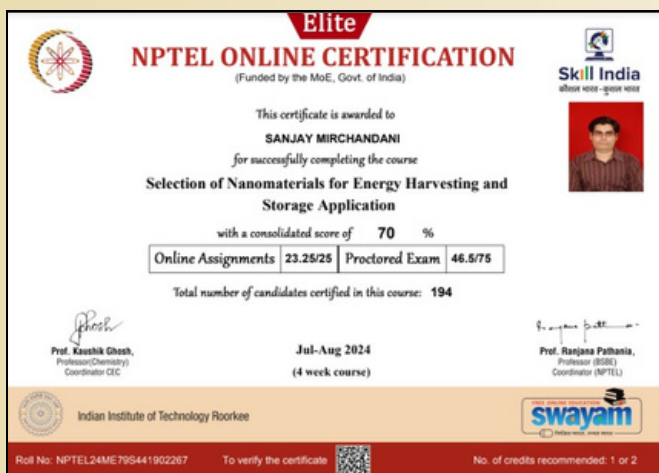
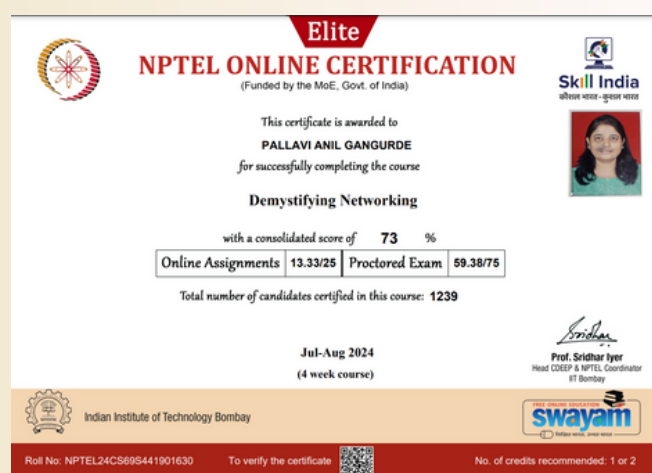
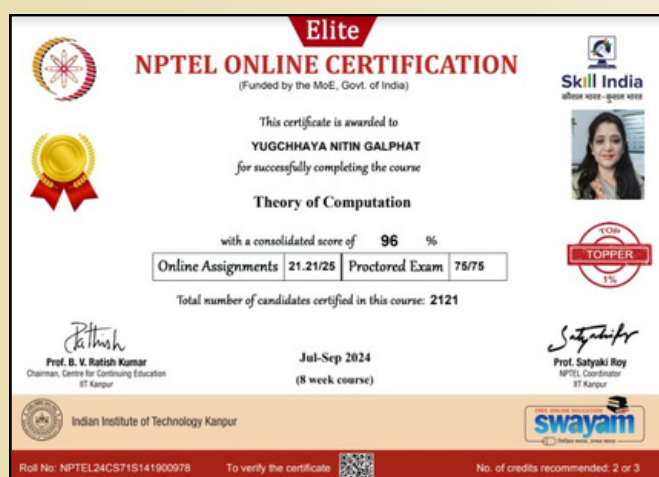
### WORKSHOPS/COURSES ATTENDED BY FACULTY

- **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.



**VIVEKANAND EDUCATION SOCIETY'S**  
**Institute of Technology**  
Autonomous Institute Affiliated to University of Mumbai

Under the guidance of Internal Quality Assurance Cell (IQAC)  
and VESIT Research Forum  
In Association with Institution's Innovation Council (IIC)  
Department of Computer Engineering

**Organizes**  
**Research Forum Talk**  
**On**  
**A research journey on utilizing Soft**  
**Computing in Mobile Adhoc Network for**  
**Balanced Energy Consumption**

**Speaker**  
**Dr. Veena Trivedi**  
Assistant Professor, CMPN, VESIT

**Date:** 31st August, 2024 **Time:** 1:30 pm Onward  
**Coordinator:** Prof. Lifna C. S.

**Registration Link:** <https://forms.gle/aicp/bwZuPSHEL89>

Dr. Machhindranath Patil VESIT Research Forum Head	Dr. (Mrs.) Nupur Giri HOD, Computer Engineering	Mr. Richard Joseph VESIT Research Forum Member, CMPN
Shri. B. L. Boolani Managing Trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT

Hasthu Advari Memorial Complex, Collector's Colony, Chembur (E), Mumbai - 400074, India  
Tel: 022-41532532 Fax: 022-41532555 Email: [vesit@ves.ac.in](mailto:vesit@ves.ac.in) / [principal.vesit@ves.ac.in](mailto:principal.vesit@ves.ac.in) Website: <http://ves.ac.in/vesit/>

### RESEARCH PAPERS PUBLISHED

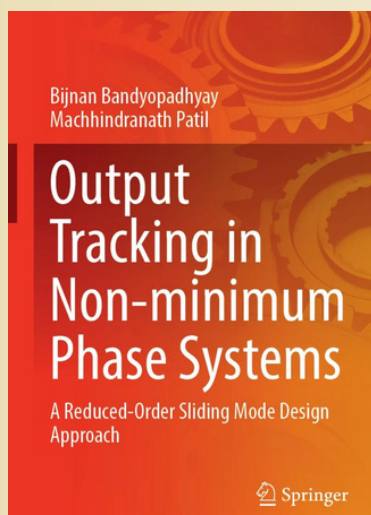
- Faculty and students from the Department of Computer Engineering have published around 4 research papers in various International / National/ Journals and conferences of repute.

"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 “**Bijan 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

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## EDITORIAL TEAM



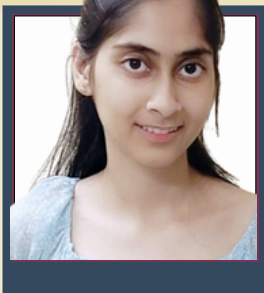
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D17B



**Sarang Pavanaskar**  
D12A



**Harsh Ahuja**  
D12A



**Anjali Thakrani**  
D12B



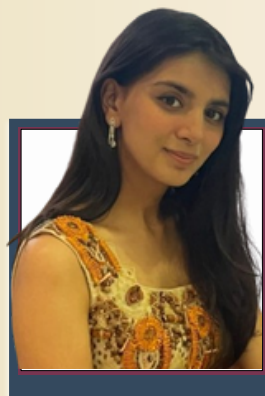
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**Ravina Vartak**  
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