



Vivekanand Education Society's Institute Of Technology

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

Department of Computer Engineering

# परिख्य

"A computation of Dreams"



# VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

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*Department of Computer Engineering*

## परिचय

**A COMPUTATION OF DREAMS**

**NOVEMBER 2023 • ISSUE 18**

### MESSAGE FROM THE DEPARTMENT

"The capacity to learn is a gift; the ability to learn is a skill; the willingness to learn is a choice." - Brian Herbert



**Prof. Sunita Sahu**  
Assistant Professor

Dear Students, learning isn't just about getting good grades. It's about exploring, growing, and opening doors to all kinds of awesome opportunities in life. Every class, every problem, and every new thing you try out is a chance to learn something cool and useful. And remember, learning isn't just academic. It's also about being social, empathetic, and working on becoming the best version of ourselves. So, dive into this adventure with all the excitement and curiosity you've got. What you learn now is shaping you into the amazing person you're going to be. Let's make this journey fun and unforgettable!

Our department always encourages holistic personality development of students and faculties by motivating them to upskill themselves with the latest tools and technologies.

### OUR VISION

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

### OUR MISSION

- To provide enabling environment through excellence in teaching & learning to contribute towards industry and society.
- To promote and strengthen interdisciplinary approach in innovation, creativity and research.
- To facilitate productive employment and higher studies with entrepreneurial attitude and professional ethics.

### Whats Inside ?

- **STUDENT PORTFOLIO**
- **FACULTY CONTRIBUTIONS**



# STUDENT PORTFOLIO

## STUDENT ACHIEVEMENTS

Content

Student Achievements

Placements

Skill Development Activities

Parent Teacher Meeting

Tinkerers' Lab : Code Cell Activities

Project Innovations/ Competitions

Industry Projects

Inter Collegiate Activities

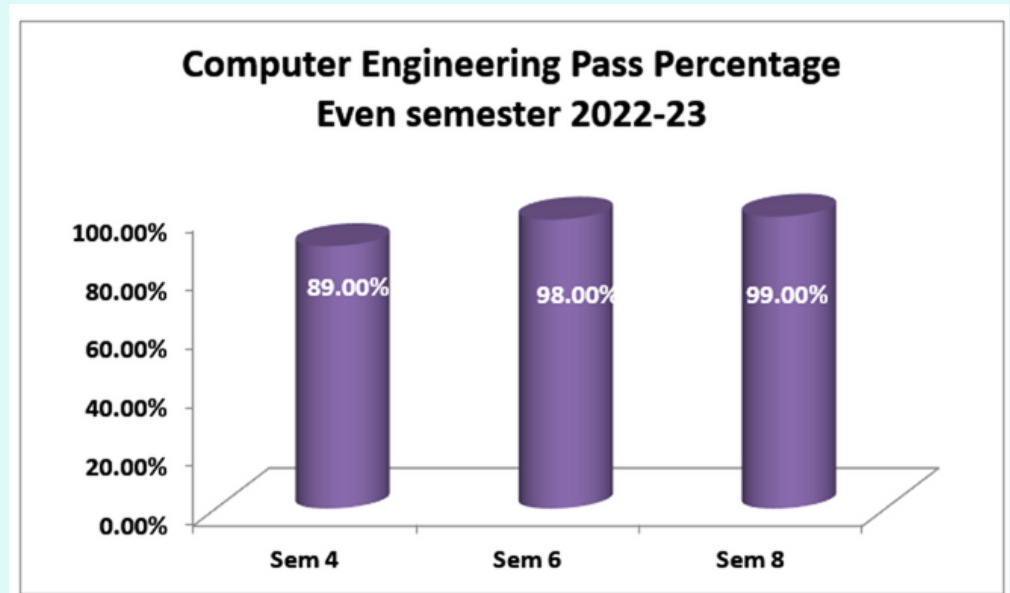
Intra Collegiate Activities

Alumni Interaction

Internships & Scholarships

Other Achievements

### 1. ACADEMIC EXCELLENCE



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

### 2. COMPETITIVE EXAMS

08 Students have appeared for different competitive exams like GRE, TOEFL during academic year 2023-24.

### 3. HIGHER STUDIES

25 students got admissions and joined for higher studies in Indian and foreign universities during the academic year 2022-23.



# PLACEMENTS

**29** companies have visited the Computer Engineering stream till date.



**33.68%**

students placed till date.

Highest salary :  
**14.5** Lacs/Annum.

Average salary:  
**8.4** Lacs/Annum

**84%**

students got a dream job.

## RUNNER UP IN CODING CHALLENGE

### Nomura KakushIN Coding Challenge (Runner Up)

- Dhananjai Pai
- Hrishikesh Patil



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



# BEST PLACEMENTS

**Forcepoint**

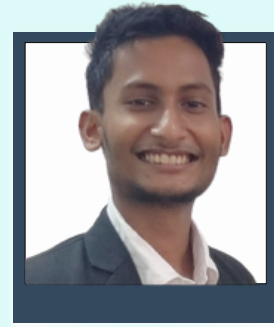
CTC- 14.5 LPA



Chaitanya Sondur



CTC- 14.5 LPA



Shubham Gupta

**NOMURA**

CTC- 13 LPA



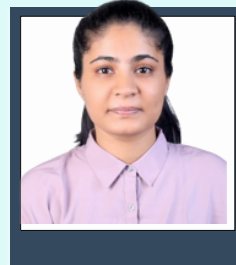
Dhananjay Pai



Hrishikesh Patil

**BARCLAYS**

CTC- 13 LPA



Jasmine Dhirwani



Chirag Dodeja



CTC- 13 LPA



Gunjan Kishore



Isha Desai



Sahil Dodeja



Malhar Kajale



Karina Karira



Jessica Lalchandani



Harsha Chelani



Omkar Mahajan



Sakshi Shinde



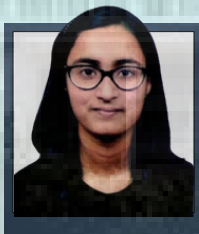
Japneet Singh Rajput



Teesha Karotra



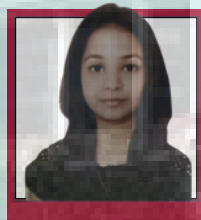
CTC- 11 LPA



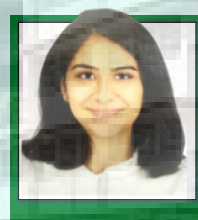
Aarya Lotke



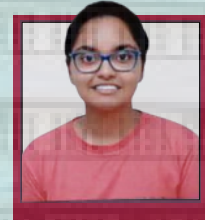
Madhura Mhatre



Aayushij Salunkhe



Yashvi Dhar



Vishakha Kulkarni

## PLACEMENT RELATED ACTIVITIES

The placement cell of department conducted inhouse Campus Readiness Sessions which includes Mini Project: A Stepping Stone for a Bright Career (25-07-2023), Skill Set Analysis & Resume Writing (26-07-2023) and Steering the Interview (02-08-2023).

**Speaker : Prof. Nagananda A.**

**Coordinators:** Prof. Indu Dokare, Prof. Sanjay Mirchandani



**Skill Set Analysis & Resume Writing**



**Steering the Interview**

**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**



# SKILL DEVELOPMENT ACTIVITIES

## 1. SKILL ENHANCEMENT LECTURES

### I. AN INNOVATING JOURNEY TOWARDS INDUSTRIAL APPLICATIONS OF COMPUTER NETWORK

An expert session on the topic “An Innovating Journey Towards Industrial Applications of Computer network” was conducted on 14th Sept. 2023 for all third year students by Mr. Subodh Gajare, Senior Principal & Architect, Cisco R&D, Bangalore for the subject Computer Networks.



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Actise, Awake and Stop not till the goal is reached!

**INSTITUTION'S INNOVATION COUNCIL**  
Under the guidance of Internal Quality Assurance Cell (IQAC)  
In Association with Institution's Innovation Council (IIC)  
Vivekanand Education Society's Institute of Technology  
Department of Computer Engineering  
Presents

**An Innovating Journey towards Industrial Applications of Computer Networks**

**Speaker**  
Mr. Subodh Gajare  
Principal Architect for Digitization in service provider Enterprise IoT AIML Security, VESIT Alumni

Coordinated by:  
Dr. Prashant Kanade  
Mrs. Nusrat Anwar  
Mrs. Pallavi Gangarde

Date: 14th September 2023  
Venue: Auditorium, Time: 10:00 AM to 12:00 PM

Dr. (Mrs.) Nupur Giri HOD, CMPN	Dr. (Mrs.) Gresha Bhatia DHOD, CMPN	Mr. Richard Joseph IC Member, CMPN
Shri. B. L. Boolani Managing Trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT

Hashu Advani Memorial Complex, Collector's Colony, Chembur, Mumbai, Maharashtra 400074  
Tel: +91-22-81532510 Fax: +91-22-81532555 Email: vesit@ves.ac.in Website: https://vesit.ves.ac.in



### II. INNOVATIVE INDUSTRIAL ASPECTS OF DIGITAL ELECTRONICS

An expert session on the topic “Innovative Industrial aspects of Digital Electronics” was conducted on 25th Sept. 2023 for all second year students by Dr. Sanjay Thakur, R&D Head, Suyog Telematics Limited for the subject Digital Electronics and Computer Architecture..



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Vivekanand Education Society's Institute of Technology  
Department of Computer Engineering  
Organises a

**Skill Enhancement Lecture on Innovative Industrial Aspects of Digital Electronics**

**Speaker**  
Dr. Sanjay Thakur  
R&D Head  
Suyog Telematics Limited

Coordinated by:  
Mrs. Nusrat Anwar  
Mrs. Pallavi Gangarde  
Mrs. Priyanka Shah

Date: 25th Sept., 2023  
Venue: Auditorium, Time: 10:30 AM to 12:30 PM

Dr. (Mrs.) Nupur Giri HOD, CMPN	Dr. (Mrs.) Gresha Bhatia DHOD, CMPN	Mr. Richard Joseph IC Member, CMPN
Shri. B. L. Boolani Managing Trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT

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Tel: +91-22-81532510 Fax: +91-22-81532555 Email: vesit@ves.ac.in Website: https://vesit.ves.ac.in



## 2. CERTIFICATION PROGRAMS

### NPTEL LOCAL CHAPTER:

47 students have enrolled for course(Computer Graphics) offered by the department through NPTEL Local Chapter.

### 3. EXAM REFORM ORIENTATION FOR STUDENTS

The Exam Orientation Program was conducted for second year, third year and final year students on 25th August 2023 to prepare students for upcoming examinations by providing them with essential information, resources, and strategies to succeed.



**Speakers:** Prof. Rupali Soni, Prof. Geocey Sheji, Prof. Sujata Khandaskar

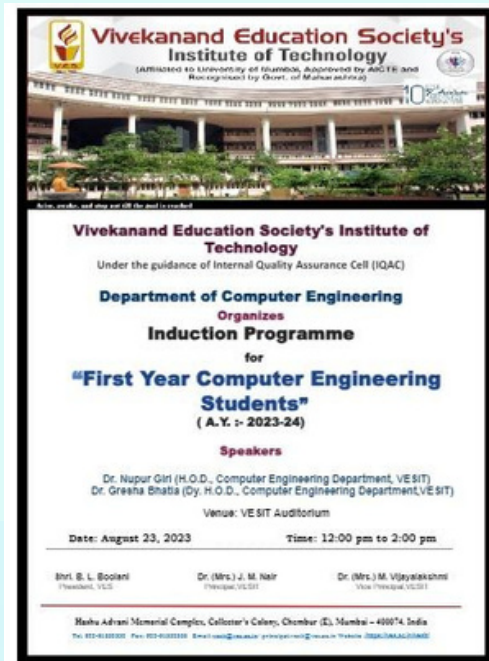
### 4. ORIENTATIONS/INDUCTION PROGRAMS



**Orientation Program for second year students on "Know your Department"**

**Date:** 19/07/2023

**Speakers :** Dr. Nupur Giri (HoD), Dr. Gresha Bhatia (DHoD)



**Induction Program for first year computer Engineering Students**

**Date:** 23/08/2023

**Speakers :** Dr. Nupur Giri (HoD), Dr. Gresha Bhatia (DHoD)

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



## 5. ENGINEERS AT CMPN DEPARTMENT

On occasion of Engineers's Day, various events were organized by VESIT Renaissance Cell (VRC) in association with VESIT Entrepreneurship Cell E-Cell, VESIT Institution's Innovation Council (IIC) and VESIT Internal Quality Assurance Cell (IQAC) on 15 September 2023.

### I. HABIT WEBSITE COMPETITION

**Team:** Codecell Computer Engineering Students

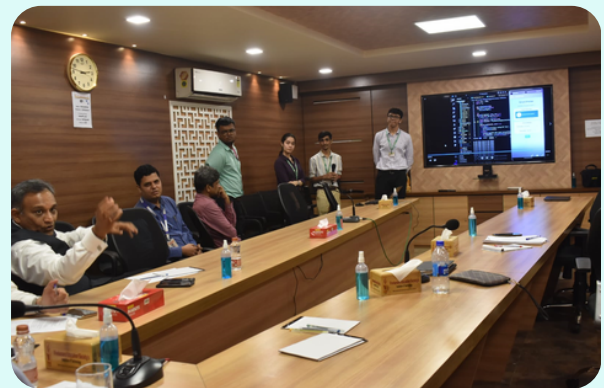


### II. SHARK TANK – VESIT(IDEA PITCH)

**Project Title:** Smart printer

**Mentor:** Dr. Prashant Kanade

**Team members:** Devangana Barua, Raghav Mundhara, Sadhak Kumar



### PRODUCT/POSTER EXHIBITION

Motivation / Abstract	Goals	Proposed Solution
<ul style="list-style-type: none"> <li>In the ever-evolving landscape of education, managing the complexities of an educational institute efficiently is a paramount challenge.</li> <li>NEP (National Education Policy) is a game changer and exciting solutions in the market does not cater to it.</li> <li>We are pleased to present our visionary business plan for an ERP system designed specifically to cater to the unique needs of educational institutes.</li> <li>Our ERP solution aims to revolutionize the way educational institutions operate, bringing a new level of efficiency, transparency, and collaboration.</li> </ul>	<ul style="list-style-type: none"> <li>With cross-departmental course management, organizations can create and manage course catalogs, assign courses to employees, track training progress, and generate reports on training outcomes.</li> <li>It involves the process of assigning credits to specific courses, tracking student progress, and ensuring that students meet the necessary requirements to earn credits.</li> <li>It allows educational institutions to efficiently allocate resources, plan classes, and ensure that courses are scheduled in a way that minimizes conflicts and maximizes student participation.</li> </ul>	<ul style="list-style-type: none"> <li>Most ERP systems successfully monitor student attendance and track academic progress, reducing manual work and resource expenditure.</li> <li>However, there's limited support for dynamic timetable data and online exam features vary widely among systems. Notably, only the government ERP system aligns fully with the National Education Policy (NEP), while other providers lag behind in NEP implementation.</li> <li>These Findings reveal the strengths and areas for improvement in Indian education ERP systems.</li> </ul>
Strategy	Modules	Conclusion
<ul style="list-style-type: none"> <li>Web application-Django</li> <li>Cloud based service</li> <li>Subscription based product</li> <li>Security using blockchain</li> <li>On demand subscription</li> </ul>	<ul style="list-style-type: none"> <li>Student Information Management</li> <li>Student Attendance Tracking</li> <li>Student Academic Records</li> <li>Academic Planning and Course Management</li> <li>Curriculum Management</li> <li>Exam and Grading Management</li> <li>Academic Progress Monitoring</li> <li>Class Scheduling and Timetables</li> <li>Faculty Assignment and Scheduling</li> <li>Academic Research and Publications</li> <li>Internal Messaging and Notifications</li> </ul>	<ul style="list-style-type: none"> <li>In conclusion, our visionary business plan for an ERP system designed specifically for educational institutes stands as a transformative solution in the rapidly evolving landscape of education.</li> <li>Our ERP solution offers a centralized hub that caters to every critical aspect, from student information management and academic planning to faculty coordination, course management, and beyond.</li> <li>By providing a cohesive platform, we empower educational institutes to optimize their resources, enhance productivity, and deliver an exceptional learning experience for students.</li> </ul>

**Team 1 ERP-NEP**

**Project Title :** EduWorld

**Mentors:** Richard Joseph, Priya R.L, Sunita Suralkar

**Mumbai, Maharashtra, India**  
 VESIT, Hashu Advani Memorial Complex, Collector's Colony, 2VWQ+6H8,  
 Collector Colony, Chembur, Mumbai, Maharashtra 400074, India  
 Lat 19.045524°  
 Long 72.889026°  
 15/09/23 11:26 AM GMT +05:30

**Team 2**

**Project Title :** Artificial Intelligence based Smart Driver Assistant for Reduction of Road Fatality”

**Mentors:** Dr. Nupur Giri (PI), Prof. Yogesh Pandit (Co-PI)

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

# PARENT TEACHER MEETING

The Parents Meet was organized for second year, third year and final year students on 16th Sept 2023 in Computer Engineering Department VESIT. The primary objective of this event was to foster a stronger connection between the institution and the parents of enrolled students and awareness of autonomy and its implications.

**Speakers :** Dr. Nupur Giri (HoD), Dr. Gresha Bhatia (DHoD)



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**Vivekanand Education Society's Institute of  
Technology**  
Under the guidance of Internal Quality Assurance Cell (IQAC)

**Department of Computer Engineering  
Organizes  
Parent Teacher Meeting  
for  
"Computer Engineering Students"  
( A.Y. :- 2023-24)**

**Speakers**

Dr. Nupur Giri (H.O.D., Computer Engineering Department, VESIT)  
Dr. Gresha Bhatia (Dy. H.O.D., Computer Engineering Department, VESIT)

Venue: VESIT Auditorium

**Date: September 16, 2023      Time: 01:00 pm to 2:00 pm**

Shri. B. L. Boolani Managing trustee, VES	Dr. (Mrs.) J. M. Nair Principal, VESIT	Dr. (Mrs.) M. Vijayalakshmi Vice Principal, VESIT
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Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai – 400074, India  
Tel: 822-4152532 Fax: 822-41532555 Email: [vesit@ves.ac.in](mailto:vesit@ves.ac.in) / [principal.vesit@ves.ac.in](mailto:principal.vesit@ves.ac.in) Website: [www.ves.ac.in/vesit](http://www.ves.ac.in/vesit)





# TINKERERS' LAB : CODECELL ACTIVITIES

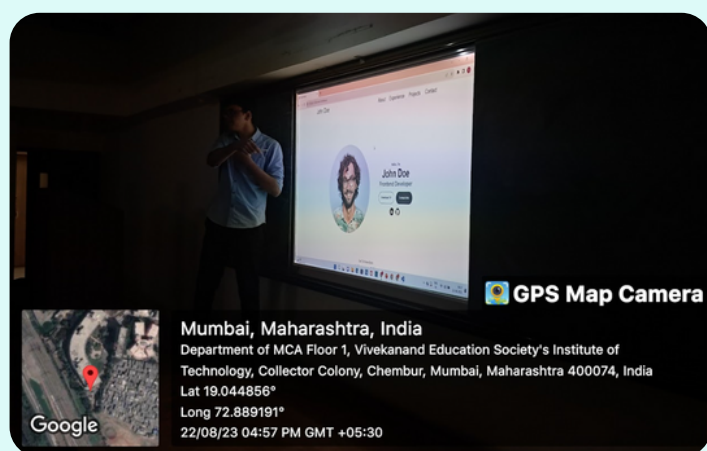
## WEB VERSE 2023

The workshop was organized by CodeCell Tinkerer's of Computer Engineering Department in association with VESIT - Institution's Innovation Council and VESIT - Internal Quality Assurance Cell

**Date:** 22nd August 2023 and 23rd August 2023

**Speaker :** Sadhak Kumar (Third Year /CMPN) , Chengalva Sai Harikha (Third Year/ CMPN)

**Coordinators:** Prof. Mr. Richard Joseph, Codecell Student Team





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approved by AICTE





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



# <WEB VERSE/>

A web-development workshop

**Event Details**

 **22-23 AUG 2023**

 **3-5 P.M.**

 **Room No: B32**

**Speakers**



Sadhak Kumar  
D12C



Chengalva Sai Harikha  
D12A

**Exclusively  
For SE's**

**Open For All  
Branches**



Principal Dr. Mrs. J. M. Nair	Vice-Principal Dr. Mrs. M. Vijayalakshmi	HOD, Computer Dept. Dr. Mrs. Nupur Giri	Managing Trustee Shri. B. L. Boolani
CodeCell Incharge Dr. Prashant Kanade	CodeCell Coordinator Prof. Richard Joseph	CodeCell Coordinator Prof. Mrs. Geocey Shejy	Team CodeCell

VESIT, Hashu Adwani Memorial Complex, Collector's Colony, Chembur, Mumbai, Maharashtra 400074

# PROJECT INNOVATIONS/COMPETITIONS

## 1. INTERNAL HACKATHON FOR SMART INDIA HACKATHON 2023

VESIT had called registrations for SIH 2023. 68 software teams and 11 Hardware teams were registered. The elimination round was conducted by VESIT Renaissance Cell. 41 software teams and 7 hardware teams were shortlisted for the Internal Hackathon. Internal Hackathon was conducted in offline mode on 16th September 2023. The event was judged by various industry experts.

12 Teams out of 30 final teams and 3 teams out of 5 waitlisted teams were shortlisted for SIH 2023 from Department of Computer Engineering.



## 2. MASTEK DEEPBLUE COMPETITION – APRIL 2023

**Project Title:** GistGator - An end-to-end Minutes of Meeting Generator App.

**Achievement :** Winner (Cash Prize of 1.5Lakh)

**Team Member :** Ajay Nair, Guru Akaash Janthapur N and Nihar Kenny

**Project Mentor:** Dr. Sujata Khedkar





## INDUSTRY PROJECTS

### 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

### Remote Access Control (TIFR , Mumbai)

Figo Cardozo  
Drishti Samvedi  
Vansh Pahuja  
Om Madat

#### Resource Person

Dr. Shashi R. Dugad

#### Mentor

Dr. Gresha Bhatia  
Mrs. Abha Tewari

### Detection of missing substance

(TIFR , Mumbai)

Tanay Phatak  
Tanmay Thakare  
Gautam Wadhvani  
Sakshi Bhojwani

#### Resource Person

Dr. Shashi R. Dugad

#### Mentor

Dr. Sharmila Sengupta  
Mrs. Priya R.L

### Wireless Extraction of Industrial data

(TIFR , Mumbai)

Shreya Hadkar  
Johan John  
Vedang Rathi  
Manali Patil

#### Resource Person

Dr. Shashi R. Dugad

#### Mentor

Dr. Sharmila Sengupta  
Mrs. Priya R.L

### CMS physics with background noise using GNN

(TIFR , Mumbai)

Aayush Shribatho  
Sahil Salunkhe  
Hitesh Ramrakhyani  
Abhayvir Singh

#### Resource Person

Dr. Shashi R. Dugad

#### Mentor

Dr. Sharmila Sengupta  
Mrs. Sunita Sahu

### Wireless Extraction of display panel system

(TIFR , Mumbai)

Prathamesh Thakur  
Shreyas Sawant  
Hariharan Iyer  
Tanisha Patil

#### Resource Person

Dr. Shashi R. Dugad

#### Mentor

Mrs. Priya R.L  
Mrs. Sunita Suralkar

## INDUSTRY PROJECTS

**Applications of CUDA  
for data processing**  
(TIFR , Mumbai)

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Vishakha Mangtani  
Ruchir Jain  
Ketan Paryani

**Resource Person**  
Dr. Shashi R. Dugad

**Mentor**  
Mrs. Sunita Suralkar

**Data Security using  
Blockchain**  
(TIFR , Mumbai)

---

Hitakrit Goplani  
Shruti Dalvi  
Swara Nabar  
Krish Mehta

**Resource Person**  
Dr. Shashi R. Dugad

**Mentor**  
Mrs. Yugchhaya Dhote  
Mr. Richard Joseph

**Applications of CUDA  
for data processing**  
(TIFR , Mumbai)

---

Anagha Kulkarni  
Chengalva Sai Harikha  
Ketaki Sahasrabudhe  
Sairaj Deshpande

**Resource Person**  
Dr. Shashi R. Dugad

**Mentor**  
Mr. Richard Joseph

**CMS hardware for  
quality control  
system**  
(TIFR , Mumbai)

---

Sneha Tanna  
Preethika Shetty  
Anisha Rohra  
Ayush Gerra

**Resource Person**  
Dr. Shashi R. Dugad

**Mentor**  
Mr. Richard Joseph

**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**

# INTER COLLEGIATE ACTIVITIES

## 1. CO-CURRICULAR ACTIVITIES

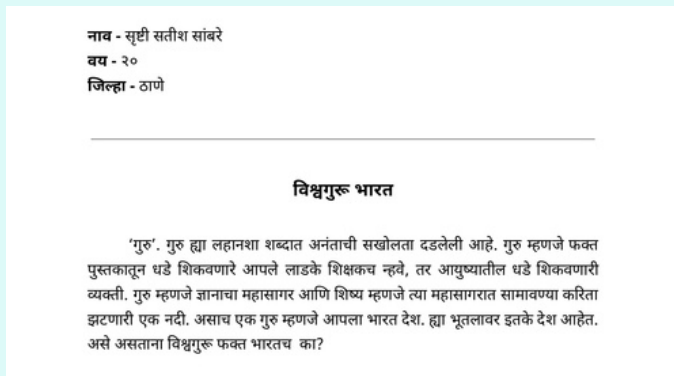


Certificate of participation in  
VCET - Hackathon



Certificate of participation in  
Linux Bug Fixing Hackathon

## 2. EXTRACURRICULAR ACTIVITIES



Srushti Satish Sambare has participated in महाराष्ट्राचा दमदार लेखक - राज्यस्तरीय निबंध स्पर्धा -Development Foundation of Maharashtra, मराठी भाषा समिती:मराठी निबंध स्पर्धा, Creators of Justice Literary Awards.



# INTRA COLLEGIATE ACTIVITIES

## 1. CO-CURRICULAR ACTIVITIES



Participants: 37



Participants: 32



Participants: 98



Participants: 28

## 2. EXTRA CURRICULAR ACTIVITIES



Music events  
Participants: 7



SoRT events  
Participants: 26



Sport events  
Participants: 160

# ALUMNI INTERACTION

## V-REACH '23 : AN ALUMNI ENGAGEMENT INITIATIVE UNDER THE GUIDANCE OF INTERNAL QUALITY ASSURANCE CELL (IQAC) , WEBINAR SERIES

The 4.0 version of V-REACH : An Alumni Engagement Initiative under the guidance of the Internal Quality Assurance Cell (IQAC). “V-REACH” which aims at reaching out to alumni and enables sharing of their vast knowledge and experience with current students for widening their horizons in avenues for:

- Placements
- Higher Studies
- Innovation and Research
- Entrepreneurship
- Technological Trends

**Topic :** ‘Hands-on guide to Runtime Security for CI/CD Pipelines with StepSecurity’

**Date:** 26/09/2023

**Speakers:** Varun Sharma (CoFounders of StepSecurity) and Mr. Ashish Kurmi (CMPN-2010), Co-Founder & CTO at StepSecurity | Ex-Plaid | Ex-Uber | Ex-Microsoft

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

**V-REACH '23**  
An Alumni Engagement Initiative by IQAC  
In Association Institute Innovation Council ( IIC )

**REGISTER** Alumni Connect Initiative

Department Of Computer Engineering  
*presents*  
**Hands-on guide to Runtime Security for CI/CD Pipelines with StepSecurity**

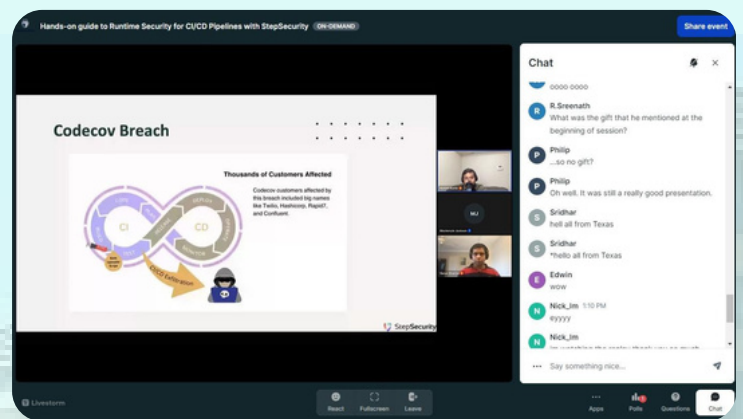
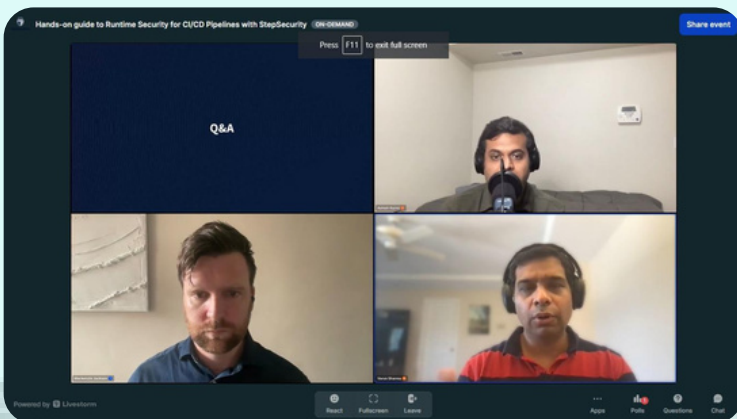
In this webinar, we are joined by Varun Sharma and Ashish Kurmi, founders of StepSecurity. StepSecurity is a pioneer in runtime security for CI/CD pipelines. Given that CI/CD is a high-privileged environment that builds release artifacts and has admin cloud credentials, there has been an increase in attacks on CI/CD pipelines. The importance of CI/CD Security has been underlined by recent guidance from the Cybersecurity & Infrastructure Security Agency (CISA) and the National Security Agency (NSA). StepSecurity Harden-Runner is an open-source runtime security solution for GitHub-Hosted and self-hosted Kubernetes Actions Runner Controller (ARC) environments, is being used by over 1,500 open-source projects, including projects from Google, Microsoft, and DataDog. In this webinar, you will have the opportunity to follow hands-on labs from GitHub Actions Goat by StepSecurity, an open-source educational project that simulates common security attacks and vulnerabilities in a CI/CD environment and shows how to defend against such attacks.

**Speaker**  
**Mr. Ashish Kurmi**  
(CMPN-2010)  
Co-Founder & CTO at StepSecurity | Ex-Plaid | Ex-Uber | Ex-Microsoft

**Tuesday, 26th September 2023**  
**8:30 PM IST**

Dr. (Mrs.) Supur Giri (HOD, CMPN) | Dr. (Mrs.) Gresha Bhatia (DHO, CMPN) | Mrs. Indu Dukare (VReach Incharge, CMPN) | Mr. Richard Joseph (VReach Coordinator, CMPN)

Shri. B. L. Boolani (Managing Trustee, VES) | Dr. (Mrs.) J. M. Nair (Principal, VESIT) | Dr. (Mrs.) M. Vijayalakshmi (Vice Principal, VESIT)



**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**



# INTERNSHIPS & SCHOLARSHIPS

## INTERNSHIPS

**40** students have undertaken Internships at various International and National level companies like DeepCytes, Prime Packaging, THECYBERHOST, CybersmithSecure, The Souled Store, Technophilia, University of Birmingham, PoketPOS, National Institute of Technology, Teknobuilt Ltd, Intrainz,IIT Madras - RISE Lab, Leaptch Corporation, Academor, Prodigy Infotech, PNT Robotics & Automation Solutions, Capriole, Veritometrics (Droid), Study Link Tech, PricewaterhouseCoopers Services LLP, Baldor Technologies (IDfy), Barclays Global Service Center, Deepcytes Internship ,Reach Hub, Incubrain Private Limited, Veritometrics Technology Private Limited.

## SCHOLARSHIPS

VESIT offers various scholarships to meritorious and needy students. Students Aid Scholarship, Vivekanand Jyoti Scholarship as well as other scholarships i.e Smt. Suman Ramesh Tulsiani Scholarship, Jadavpur Alumni Association Scholarships are offered every year. In the current academic year around 20 students have applied for the above scholarships so far.



Ms. Kinjala Sunil Ahuja (third year) awarded the Ekam Scholarship for Engineering Students sum of Rs. 50,000/- for the academic year 2023-24.

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

## OTHER ACHIEVEMENTS

### 1. TECHNICAL PAPER PRESENTATION



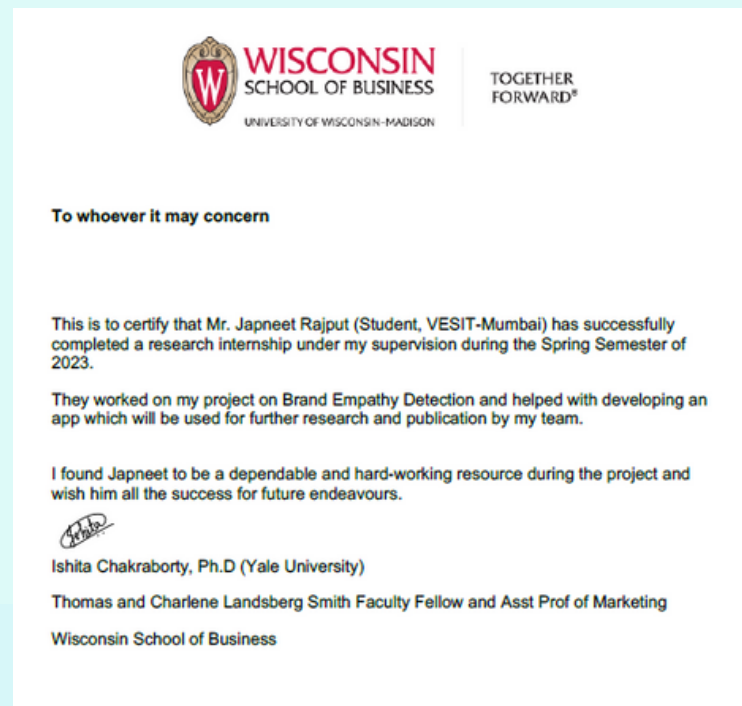
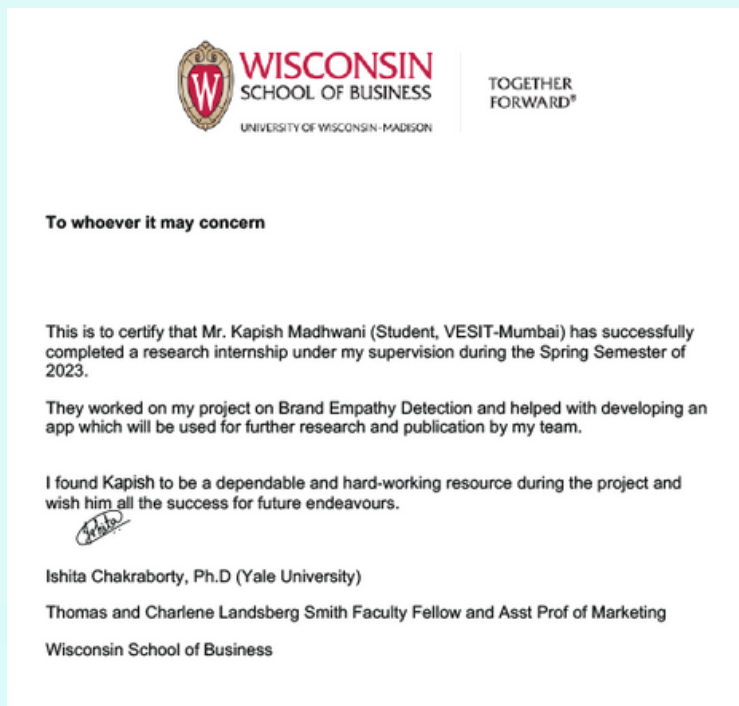
#### Consolation Prize

**Mentor:** Dr. Sharmila Sengupta

**Team Members:** Shreya Kukreja ,  
Anurag Ghatge, Piyush  
Waghmare, Varun Chawla

### 2. INTERNATIONAL ACCLAIM

I. Mr. Kapish Madhwani and Mr. Japneet Rajput completed the research internship from UW Madison/ Indiana University.



II. Suresh Aydi of Third year computer was selected for a fully sponsored H1-4420 Live Hacking Event in London, United Kingdom by Hackerone!!

# hackerone

**H1-4420 Full Event: June 7, 2023 - June 25, 2023**  
**Onsite In London: June 20/21, 2023 - June 25, 2023**



# FACULTY CONTRIBUTIONS

## Content :

- ▶ Workshop/Courses Conducted by Faculty
- ▶ Courses Attended by faculty
- ▶ Research Activities
  - Expert Talks
  - Grants Received
  - Patents
  - Research Papers Published
  - Research Paper Reviewers
- ▶ Certifications Undertaken
- ▶ Accomplishments

## WORKSHOPS/COURSES CONDUCTED BY FACULTY

- **Dr. Gresha Bhatia** conducted a session on '**Teaching aids in Technical Institutes**' in the Faculty Induction program on 26th July 2022 organized by St. Francis Institute of Technology (SFIT) Borivali, Mumbai.
- **Dr. Gresha Bhatia** conducted a session on '**Teaching methodology and effective lecturing**' in the Faculty Induction program on 19th July 2022 organized by St. Francis Institute of Technology (SFIT) Borivali, Mumbai. Both The sessions were a commitment to enhancing teaching methodologies within the institution.
- **Prof. Geocey Shejy** was the keynote Speaker for an orientation on **Exam reforms for "Computer Engineering Students" (Academic year 2023-24)** organized by the Department of Computer Engineering.
- **Prof. Mannat Doultani** conducted a session as the keynote speaker on '**Applied NLP**' in the World Resource Webinar. Demonstrated a commitment to staying at the forefront of technology and sharing valuable insights with a broader audience

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

## WORKSHOPS/COURSES ATTENDED BY FACULTY

- **Dr. Nupur Giri** attended the course “ISTE Approved STTP/FDP on innovation” organized by Vasantdada Patil College of Engineering from 3rd to 8th July 2023.
- **Dr. Nupur Giri & Prof. Pallavi Gangurde** participated in the E Session on “Network using Netsim” at VESIT on 19th August 2023.
- **Dr. Sharmila Sengupta** joined the course “AI for Healthcare” organized by Great Learning in June 2023.
- **Dr. Dashrath Mane** attended the “One week National Level Faculty Development Program on cloud infrastructure (AWS)” program organized by LBHSSTS Institute of Computer Applications in collaboration with Brainovision Solutions India Pvt Ltd and AICTE from 21st to 25th August 2023.
- **Dr. Dashrath Mane** participated in the “One day Workshop on changing job profiles, changing industry and business needs: enhancing student competencies” organized by IBS, Mumbai, on 11th August 2023.
- **Prof. Priya R L, Prof. Lifna C S, and Prof. Richard Joseph** attended the “Capacity Building Program on Blockchain: Future of Cybersecurity” during the collaboration of Sardar Patel Institute of Technology, Dwarkadas J. Sanghvi College of Engineering, M.H. Saboo Siddik College of Engineering, and IEEE Bombay Section Educational Activities from 3rd to 8th July 2023
- **Prof. Abha Tewari** attended the workshop “Intellectual property rights, and IP Management for start-up” conducted by MCA and the Automation & Robotics Department, VESIT, on 20th July 2023.
- **Prof. Abha Tewari** attended the “One week faculty development program on Microsoft power BI data analyst associate” conducted by ICT Academy at Shah and Anchor Kutchhi Engineering College from 3rd July 2023 to 7th July 2023.
- **Prof. Pallavi Gangurde** participated in the event “Environment Protection and Nature Conservation on the occasion of World Environment day” organized by VESIT on the 5th 6th of June 2023.
- **Prof. Pallavi Gangurde** took the pledge initiated by the Ministry of Environment Forest & Climate Change, GOI, on 5th and 6th June 2023.
- **Prof. Sanjay Mirchandani** attended the course “AI for India 2.0” organized by GUVI through Skill India Digital on 16th August 2023.
- **Dr. Sharmila Sengupta, Prof. Indu Dokare, Prof. Pallavi Gangurde, Prof. Sanjay Mirchandani, Prof. Richard Joseph, Prof. Prerna Solanke, Prof. Priti Joshi, Prof. Manisha Mathur, Prof. Priyanka Nagda, Prof. Sujata Khandaskar, and Prof. Yugchhaya Galphat** participated in the V-Reach program “Hands-on guide to run time security for CI/CD pipelines with step security” under VESIT-IQAC & IIC VESIT on 26th September 2023.
- **Prof. Nusrat Ansari** attended the “Assignment in Higher Education” organized by MSFDA campus Pune from 28th August 2023 to 1st September 2023.



## RESEARCH ACTIVITIES

### I. EXPERT TALKS

Research Forum of VESIT In Association with Department of Computer Engineering under the guidance of the Internal Quality Assurance Cell (IQAC) and In Association with Institution's Innovation Council (IIC) celebrated World Creativity and Innovation Day by organizing a Research Forum Talks on 21st April 2023.

#### I. Title: "Innovations in Big Data Analytics for business Intelligence "

Speaker: Dr. Sujata Khedkar



#### II. Title: "A Research Journey from Netnography to Netno-Mining"

Speaker: Dr. Dashrath Mane



## 2. GRANTS RECEIVED

### Artificial Intelligence based Smart Driver Assistant for Reduction of Road Fatality.

iHub-Data Mobility Fellowship 2022  
IIIT Hyderabad

₹10,00,000

#### Faculty

Dr. Nupur Giri  
Prof. Yogesh Pandit

### ATAL Technical FDP

AICTE

CloudOps Unleashed: Scaling Applications through DevOps and Cloud

₹3,50000

#### Faculty

Dr. Nupur Giri  
Prof. Richard Joseph

## 3. PATENTS

**App.No.-**202023102823.3

**Date -** 23/05/2023

**Name of Inventors-** Dr. Nupur Giri

**Title of the Invention-** A blockchain-based medical logistics system.

**App.No.-**202321034134

**Date -** 16/06/2023

**Name of Inventors-** Prof. Indu Dokare, Kedar Kharde, Rohit Jadhav, Siddhesh Bhere, Siddhesh Gadge

**Title of the Invention-** A primary aid for learning to write an Indian regional language character using a deep learning approach.

## 4. RESEARCH PAPERS PUBLISHED

Faculty and students from Computer Department have published around 10 research papers in various International / National/ Journals and conferences of repute.

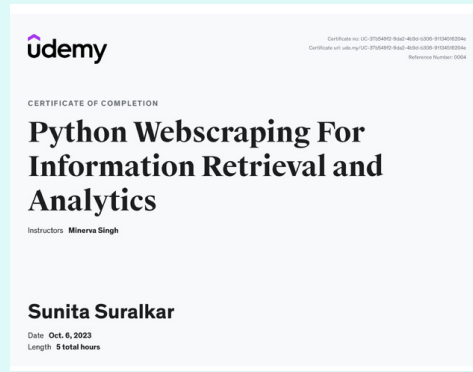
## 5. RESEARCH PAPERS REVIEWER

Dr. Nupur Giri, Dr. Gresha S Bhatia, Dr. Sharmila Sengupta and Dr. Prashant Kanade are reviewers for different National/International Journals and Conferences.

# CERTIFICATIONS UNDERTAKEN



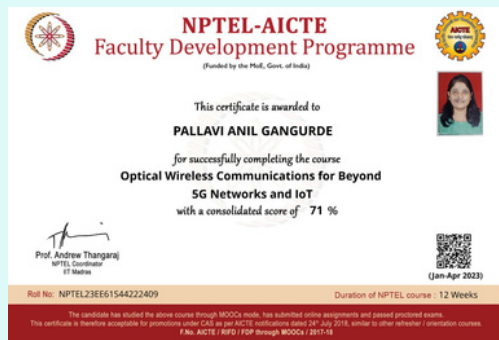
Blockchain A-Z: Learn How to Build Your First Blockchain



Python Web Scraping For Information Retrieval and Analytics



Statistics Onramp



Optical Wireless Communications for Beyond 5G Networks and IoT



Psychology of Stress, Health and Well-being



Computer Graphics

# ACCOMPLISHMENTS

**Dr. Dashrath Mane** was honored with the “TPO of the Year 2023 Award” at the 8th Eduleaders Summit 2023 by Universal Mentors Association, Powered by Brainwonders, held at Vivanta by Taj, MG Road, Bengaluru on 25th August 2023.





# 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



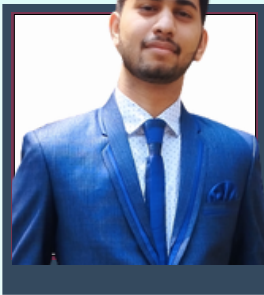
**Sai Thikekar**  
D12A



**Sakshi Patil**  
D17C



**Ritika Hotwani**  
D17B



**Mohit Patil**  
D12B



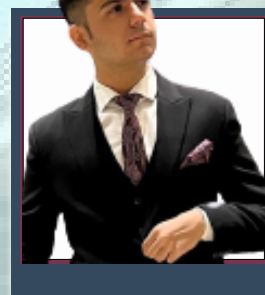
**Harsh Ahuja**  
D7A



**Sarang Pavanaskar**  
D7A



**Sandali Bhat**  
D7A



**Garv Chawala**  
D7A

