V.E.S.

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

'A computation of Dreams''

A REAL PROPERTY.



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

APRIL 2024 • ISSUE 19

MESSAGE FROM THE DEPARTMENT

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Prof. Yugchhaya Galphat Assistant Professor

"Develop a passion for learning. If you do, you will never cease to grow." -Anthony J. D'Angelo

Welcome to the latest edition of our department newsletter!Nurturing creativity and inspiring innovation are two of the key elements of a successful education, and our department is the perfect amalgamation of both. We take great pride in the implementation of our new Autonomy curriculum and policies, which have created a pathway to diverse learning opportunities, exploration of interests, and the cultivation of professional skills through industry interactions. Your active participation in various technical events and extracurricular activities is a testament to your talent and commitment. Here in our department, we wholeheartedly support and foster these pursuits, providing you with a

fertile ground to thrive and evolve in all facets of your academic journey.

"All you need is the plan, the road map, and the courage to press on to your destination." -Earl Nightingale

XXX, 20 (4. 19) (4.

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 ACHIEVEMENTS

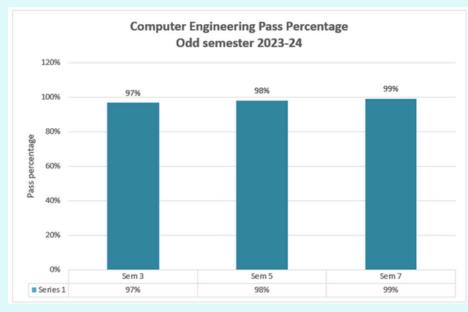
1. ACADEMIC EXCELLENCE

Content

- Student Achievements
- 🔶 Placements
- Skill Development Activities
- Tinkerers' Lab :
 Code Cell
 Activities
- Project Innovations/ Competitions
- Industry Projects
- Industry Visits
- Co-curricular Activities

Extra Curricular Activities

- Degree Distribution
- Annual Prize Distribution Event
- Internships and Scholarships
- 🔶 Alumni Day



Results of the students at the end semester examinations conducted by University of Mumbai (2023-24 ODD semester).

2. COMPETITIVE EXAMS

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

Anurag Tripathi, a third-year student has achieved a remarkable feat by securing All India Rank 67 in the prestigious GATE CS examination for the year 2024.



3. HIGHER STUDIES

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



PLACEMENTS

The process of placement started in third week of July 2023 with dream companies like JP Morgan Chase & Co.-CFG, Institutional Shareholder Services (ISS), Dolat Capital, Forcepoint, Carwale, Interactive Brokers, Nomura, IVP, Deloitte, etc., followed by non dream recruiters such as Accenture and TSS consultancy.

31 companies have visited the campus till the date for the Computer Engineering stream.



BEST PLACEMENTS



Aarya Lotke



Aayushij Salunkhe

Yashvi Dhar

Vishakha Kulkarni

PLACEMENT RELATED ACTIVITIES

I. The placement cell of department conducted inhouse Campus Readiness Sessions which includes:

- 1. Three days Workshop on "Barclays Life skills _Employability Skills: Preparing for Interviews/Mock Interviews" (11th -13th Jan and 23rd Jan -25th Jan 2024), **Speaker: Mr Atul Shinde.**
- 2. Transactional Analysis (17th Jan 2024) , Speaker: Prof. A. Nagananda.
- 3. Halp Study Abroad Event (02nd Feb 2024), Speaker: HALP representative.

II. The placement cell of department conducted Aptitude Test Practice Series on Quantitative Aptitude, Logical Reasoning, Verbal Ability and Full Length Test.

III. The placement cell of department conducted Senior - Junior Interaction (Session 1) on 16 Feb 2024 , **Speaker: Final Year students placed in Forcepoint, ISS, IVP, Carwale**





RUNNER UP IN CODING CHALLENGE

Nomura KakushIN Coding Challenge (Runner Up)

- Dhananjai Pai
- Hrishikesh Patil



SKILL DEVELOPMENT ACTIVITIES

SKILL ENHANCEMENT LECTURE



A skill enhancement lecture on the topic 'Machine Learning using Matlab' was conducted by Mr. Kunal Khandelwal (Mathworks Expert trainer for Matlab and working for Designtech Systems the sole distributor for Mathworks Matlab) on 6th and 7th Feb 2024 for third year students.

A session on '**Environment Management and Awareness'** by Luvneet Khithani, a BSc Microbiology graduate, transitioned from Quality Control Microbiologist, volunteer with the Isha Foundation, was conducted on 21st Feb 2024 for final year students.

Arise, Awake and Stop not till the goal is reached! Vivekanand Education Society's Institute of Technology (Autonomous Institute affiliated to University of Mumbai Approved by AICTE)				
Since 1962	INSTITUTION'S INNOVATION COUNCIL	N		
Departm	ent of Comp	uter Ei	ngineering	
Presents				
Skill Enhancement Lecture				
on				
Machine Learning and Deep Learning Using Matlab				
Under the guidance of Internal Quality Assurance Cell (IQAC)				
In Association with Institution's Innovation Council (IIC)				
Speaker				
Mr. Kunal Khandelwal Technical Associate at Designtech Systems Mathworks (Matlab)				
Skill Enbancement Activity.	for Third Year			
III Enhancer	Computer			
Skill Enhanses	Engineering			
Date: 6th and 7th February 2024				
Venue: B32				
Time: 10:30 AM Onwards				
Dr. (Mrs.) Nupur Giri Dr. (Mrs.) Gresha Bhatia Dr. Prashant kanade Mr. Richard Joseph HOD, CMPN DHOD, CMPN Co-ordinator HC Member, CMPN				
Shri. B. L. Boolani Managing Trustee, VES	Dr.(Mrs.) J. M. Nai Principal, VESIT		r.(Mrs.) M. Vijayalakshmi Vice Principal, VESIT	
	Complex, Collector's Colony, 10 Fax : +91-22-61532555 Em https://vesit.ves.ac.i	nail : vesit@ve		

A skill enhancement lecture on the topic **'Recent Technologies in Mobile Communication'** was conducted by Dr. Sanjay Thakur, R&D Head, Suyog Telematics Limited on 26th March 2024 for third year students.



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

NEP SYLLABUS ORIENTATION

The Department of Computer Engineering under the guidance of VESIT-IQAC organized the NEP Syllabus Orientation program on 19th March 2024 for first year computer Engineering students.



V-REACH'24 - AN ALUMNI ENGAGEMENT INITIATIVE

Department of Computer Engineering , IQAC in association with VESIT IIC organized a session on **16th Feb 2024**

Speaker: Mr. Neeraj Jethani (CMPN 2018)

Topic: Interview Excellence: Innovative Essential skills for career advancement

V-Reach CMPN In-charge : Mrs. Indu Dokare V-Reach CMPN Coordinator: Mr. Richard Joseph





Department Technology Day was organized on 22nd- 23rd March 2024. Following activities were conducted on the occasion of Technology Day.

I) Pradarshini' 24: A Project Exhibition that showcases academic and Industrial projects in which the students of Second, Third, and Final year computer engineering showcase their technical prowess.

Project Convener: Dr. Gresha Bhatia

Project Co-ordinators : Mrs. Mannat Amit Doultani, Mrs. Priya R. L. and Mrs. Vidya Zope



First Prize (BE,TE): Package Delivery



Pradarshini'24



Second Prize (BE): HistoGrade: Histopathological Image based Oral Pre Cancer-Grading using Machine learning

20.020



Third Prize (BE) : Remote Access Control



Consolation Prize (BE) : Audio Emotion Recognition using Digital Stethoscope and Deep Learning Techniques



First Prize (TE) : Corporate Earnings Call analysis



Second Prize (TE) : Gesturely: Converting gestures to words



Third Prize (TE) : Detection of Criminal activities through CCTV



Consolation Prize (TE) : NeuroCare : A Mobile Application for Personalized Migraine Care and Lifestyle Management

II) **BuzzPro'23** - A Technical Paper writing contest aimed to foster the culture of research and encourage secondyear students to research publication. It is organized by the Research Team, CMPN of the Computer Engineering Department.

Panel: Ms. Sanika Chavan Senior Development Engineer, , Carwale, (CMPN Alumni) and Dr. Machhindra Patil (Associate Professor, VESIT.)

Covener: Dr. Nupur Giri (HOD, Department of Computer Engineering)

Event Co-ordinators : Dr.Sharmila Sengupta, Mrs. Lifna C.S. and Mr. Richard Joseph



BuzzPro'24



Ist Prize Winning Team with Dr. Prashant Kanade



2nd Prize Winning Team with Dr. Rohini Temkar



3rd Prize Winning Team with Dr. Sujata Khedkar



Best Paper Presentation Team with Dr. Sharmila Sengupta, Mrs. Mannat Doutlani (Mentor), Mrs. Lifna C S and Mr. Richard Joseph



Buzzpro'24 Judging Panel

III) Department Prize Distribution :

This event acknowledges student's academic and co-curricular achievements. The department honors the achievement of students in various categories.





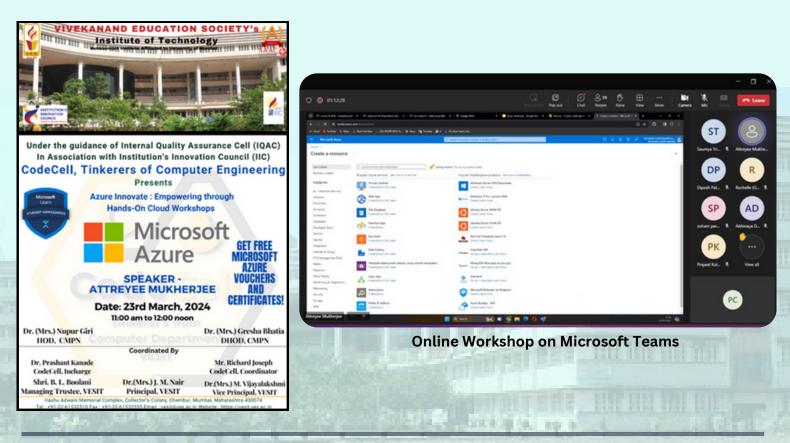
SIH 2024 Winner

Felicitation for GATE AIR 67th Rank

IV) Hands-On Workshop on Microsoft Azure :

This workshop was organized by CodeCell - CMPN Tinkerer's in collaboration with the Institute Innovation Cell (IIC) and the Internal Quality Assurance Cell (IQAC) on March 23, 2024. The objective of the 'Hands-On Workshop on Microsoft Azure' was to enhance student's proficiency in cloud computing through practical learning and implementation on the Microsoft Azure platform.

Speaker : Ms. Attreyee Mukherjee, Microsoft Learn Student Ambassador





V) Talk on Road to GDSC :

by CodeCell Organized Tinker's in collaboration with the Institute Innovation Cell (IIC) and the Internal Quality Assurance Cell (IQAC) on March 23, 2024. This session essentially answers and promotes participation in GDSC. (Google Developer Student Club).

Speaker: Ms. Saumya Tripathi

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8th Jan 2024 - 13th Jan 2024 Venue - B32 Time: 1:30 pm to 3:00 pm Speakers Theory of Computer Science - Mrs.Yugchhaya Galphat, Mrs. Sunita Suralka Data Structures - Mrs.Yugchhaya Galphat, Mrs. Sunita Suralka Data Structures - Mrs.Yugchhaya Galphat, Mrs. Prerna Solanke Database Management System - Mrs. Veena Trivedi, Mrs. Manisha Mathur Registration Link: https://forms.ste/YUexhBfhGsybzCMLA Dr. (Mrs.) Nupur Giri Dr. (Mrs.) Gresha Bhatia Dr. (Mrs.) Sujata Khedkar HOD, CMPN ATC, CMPN ATC, CMPN Shri, B. L. Boolani Dr.(Mrs.) J. M. Nair Dr.(Mrs.) M. Vijayalakshmi Managing Trustec, VES Principal, VESIT Vice Principal, VESIT					
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Dr. (Mrs.) Nupur Giri Dr. (Mrs.) Gresha Bhatia Dr. (Mrs.) Sujata Khedkar HOD. CMPN DHOD. CMPN ATC, CMPN Shri, B. L. Boolani Dr.(Mrs.) J. M. Nair Dr.(Mrs.) M. Vijayalakshmi Managing Trustee, VES Principal, VESIT Vice Principal, VESIT	Data Structures - Mr. Richard Joseph, Mrs. Prerna Solanke				
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Managing Trustee, VES Principal, VESIT Vice Principal, VESIT			Dr. (Mrs.) Sujata Khedkar ATC, CMPN		
Hashu Adwani Memorial Complex, Collector's Colony, Chembur, Mumbai, Maharashtra 400074			Dr.(Mrs.) M. Vijayalakshmi Vice Principal, VESIT		
Tel: +91-22-61532510 Fax: +91-22-61532555 Email: vesit@ves.ac.in Website: https://vesit.ves.ac.in					

VI) GATE Preparation Workshop :

The Department of Computer Engineering under the guidance of VESIT-IQAC and in association with the Advanced training Cell(ATC) conducted Gate Preparation workshop for second year and third year students during 8th Jan 2024-13th Jan 2024.

Speakers: Mrs.Yugchhaya Galphat , Mr. Richard Joseph , Mrs. Sunita Suralkar, Mrs. Veena Trivedi, Mrs. Prerna Solanki, Mrs. Manisha Mathur



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

TINKERERS' LAB : CODECELL ACTIVITIES

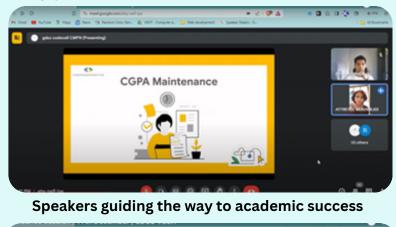
GUIDANCE SESSION TO EXCEL BEYOND ACADEMICS

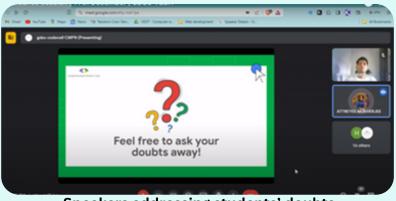
The online Guidance session hosted by Codecell Tinkerer's of the Computer Engineering Department on December 17, 2023,

Speakers: Attreyee Mukherjee and Piyush Chugeja from D12B

Coordinators: GDSC VESIT Core Team







Speakers addressing students' doubts

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COUNCY INCIDENT

INFO TO

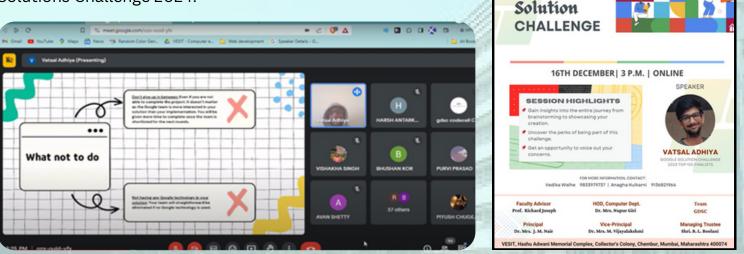
Vivekanand Education Society's Institute of Technology

ODSC 📀

CODECELL TINKERER'S OF COMPUTER ENGINEERING

INTRODUCTION TO OPEN SOURCE AND GSOC

The online 'Info to Solution Challenge' session was organized by GDSC and CodeCell Tinkerer's of the Computer Engineering Department on December 16, 2023. The event aimed to provide insights into participating in Google Solutions Challenge 2024.



Speaker Vatsal Adhiya giving tips to prepare for Solution Challenge

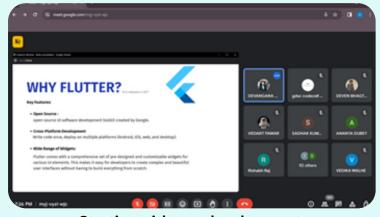
Page Number : 15

FLUTTER ADD ON COURSE

The "Flutter Add On Course", organized by GDSC and CodeCell Tinkerer's of Computer Engineering Department, took place over three days on February 1st, 3rd, and 4th, 2024.

Student Speaker: Devangana Barua

Faculty Speakers : Prof. Veena Trivedi , Prof. Priyanka Shah , Prof. Manisha Mathur , Prof. Priti Joshi , Prof. Prerna Solanki, Prof. Richard Joseph



Starting with app development



GEMINI WORKSHOP: HANDS ON WORKSHOP FOR FLUTTER ADD ON COURSE

The Gemini workshop was organized by GDSC and CodeCell Tinkerer's of Computer Engineering Department on February 2nd, 2024. The workshop provided participants with a hands-on experience in Generative AI using the Gemini platform.

Speaker:Piyush Chugeja, Web Dev Lead at GDSC VESIT



Piyush introducing the session and explaining its importance



Page Number: 16

SYRUS HACKATHON 2024

Syrus Hackathon 2024 powered by Devfolio and associate sponsors Github, Polygon, Microsoft Learn Student Ambassador, ETH India and Give my Certificate was organized by Codecell Tinkerer's from the Computer Engineering Department, VESIT. Syrus is focused on promoting innovation, diversity, and networking among all future engineers. The Hackathon was conducted for 2 days, 20th February 2024 to 21st February 2024 and was attended by 270 students. The Hackathon was a 24-hour intense session. Each panel of judges consisted of 3 codecell members along with 1 judge (VESIT Alumni).

The judges for the final evaluation round were:

WEB 2.0: Manas Mangaonkar, Arnav Bagchi, Amit Chhabria, Mrunmayee Waingankar

WEB 3.0: Mcvean Soans GenAI: Sreekesh Iyer

Web 2.0 Winners along with prize money: 1. First Place (₹8000): Team Fireflow 2. Second Place (₹5000): Team Khaana khazana 3. Third Place (₹3500): Team Yaan

GenAI Winners along with prize money: 1. First Place (₹8000): Team FlipFlops

Spot Winners for Web 2.0: 1. Recieved Goodies: Team TBD



The participants were given swags from Devfolio and GitHub.



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

SYRUS HACKATHON 2024





Evaluation of Syrus Hackathon Teams by Panel members



Fireflow Web 2.0 Winners



Khaana Khazana Web 2.0 1st runner up



Yaan Web 2.0 2nd runner up



Flip flops GenAl Winners

Page Number : 18

PROJECT INNOVATIONS/COMPETITIONS

SMART INDIA HACKATHON 2024





Team Name: BeatBugs

Problem Title : Empowering Restaurants with Data-Driven Dynamic Pricing and Real-Time Insights

Team Members: Madhura Mhatre, Aaman, Bhowmick , Aayushi Salunkhe , Aarya Lotke, Mandar Ambre, Tarun Shetty

Project Mentor : Mrs. Sunita Suralkar, Mr. Richard Joseph

Category: Software **Organization :** AICTE, MIC-Student Innovation **Nodal center :** GMR Institute Of Technology, Andhra Pradesh, Rajam

Team Name: Hashcoders

Problem Title : A mobile app that crowdsources water-related problems from round a community, open sources data, etc. and displays them on a map.

Team Members: Yashvi Dhar, Japneet Rajput, Aayush Talreja, Vishakha Kulkarni, Anurag Ghatge, Sujal Patil

Project Mentor : Dr. Nupur Giri, Dr. Rohini Temkar

Prize : 1,00,000/-Category: Software Domain Bucket: Disaster Management Organization : Ministry of Jal Shakti Nodal center : VNRVJIET



Page Number : 19

PROJECT INNOVATIONS/COMPETITIONS

ETHINDIA'23 HACKATHON



Team Name : ZKBuilders

Team Members: Hrishikesh Patil , Dhananjay Pai, Surabhi Tambe, Janhavi Khanvilkar

Achievement: Top 12 teams in Filecoin track (Award Prize of 916\$)

Mentor: Dr. Nupur Giri

CHHALANG HACHATHON 2.0 BANGALORE

Project Title: Groww Stocks Screener

Team members: Teesha Karotra, Drishti Samvedi

Achievement: First prize (Rs. 3 lakhs)

A I OR IR BORNER OF

RAJASTHAN POLICE HACKATHON



Name of the event: Rajasthan police hackathon 1.0

Venue: Rajasthan International Centre, Jaipur

Title of the project: AI for intelligent camera decision making

Team Members : M.Kaif Qureshi , Shivpratik Hande , Sahil Motiramani

ETHMUMBAI 24', MUMBAI



Team Name : ZKBuilders

Team Members: Hrishikesh Patil ,Dhananjay Pai , Surabhi Tambe , Janhavi Khanvilkar

Achievement: 2nd place in Best new Subgraph (Graph protocol)

Mentor: Dr. Nupur Giri

Page Number : 20

KNOW CODE 36-HOUR HACKATHON



Project Title: An all-purpose medicine ordering system

Team Members: Lintomon Chirakkara, Aditya Kushwaha, Aniket Pradhan, Parth Wande

Achievement: First Prize (Rs. 25,000/-)

Mentor: Mr. Richard Joseph

DEVIGNITE HACKATHON ORGANIZED BY SIGCE

Problem statement:Develop a software solution leveraging ML to reduce vehicle lines at CNG refilling stations by predicting demand, managing queues efficiently, optimizing routes, and providing real-time updates to drivers.

Team members: Vedant H. Pawar , Sanika Hadap, Soham Tawade

Achievement: First position among 40 teams from different domains. (Prize Rs. 30,000/-)

Domain: Open innovation to solve a cause



HACKATHON INVICTUS



Project title: Restart

L.

Team Members: Sadhak Kumar , Taufique Ansari , Dipanshu Ghime , Vinesh Paralkar.

Achievement: 1st runner up

Mentor: Dr. Sharmila Sengupta, Mrs. Priya R.

PROJECT INNOVATIONS/COMPETITION

DATATHON BY KJSCOE VIDYAVIHAR



Project title : Football data dilemma

Team members: Vedant Pawar , Soham Tawade, Nikhil Singh

Achievement: First position in case study domain

Mentor: Dr. Sujata Khedkar

NATIONAL LEVEL HACKATHON, "ALPHA BYTE 1.0,"

Title: Ultrasound Image Analysis for detection of Down's Syndrome

Team Members: Harsh Tuli, Jeet Dalal, Manish Mulchandani, Swaraj Khadge

Achievement: secured the 3rd position (Cash Prize Rs. 6000/-)

Mentors: Lifna C.S., Nusrat Ansari



ROTACODEFEST COMPETITION ON PROTECTING ENVIRONMENT FOR ENGINEERING COLLEGE STUDENTS



Organizers : Rotary club of Mumbai Ghatkopar West

Venue: Vivekanand Education Society Institute Of Technology

Team Members: Shamila Ansari , Sneha Sumbe , Darshan Khapekar, Pranav Pol, Shravani Rasam.

Achievemnt: 3rd Position

Page Number : 22

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 NeuroCare - A Mobile Application for Personalized (AtINeU, Nellore)

> Sanika Hadap Tanvi Naik Ajay Iyer

Resource Person

Dr. Bindu Menon

Mentor Dr. Gresha Bhatia Mrs. Priya R.L

Edusphere: Gayatri Vidyalaya (Gayatri Madhyamik Vidyalay)

Soham Parab Vighnarth Nile Sushanth Shetty Atharva Sambhaji

Resource Person Mr. Arun Nile

Mentor Dr. Sharmila Sengupta Detection of missing substance (TIFR , Mumbai)

Tanay Phatak Tanmay Thakare Gautam Wadhwani 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

INDUSTRY PROJECTS

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 Applications of CUDA for data processing (TIFR , Mumbai)

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

INDUSTRY VISITS TO RELIANCE JIO, MUMBAI



i Mumbai.MH.I

Name and address of Industry: JIO Platforms Pvt. Ltd., Ghansoli

Class Visited: Third Year

Number of students visited: 20 Students- CMPN

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.

Date: 30th January,2024



Address: Hashu Advani Memorial Complex, Collector's Colony, Chembur, Mumbai 400074

Phone: 02261532510 / 02261532500, Website: https://vesit.ves.ac.in

CO-CURRICULAR ACTIVITIES

PARTICIPATION IN INTER COLLEGE COMPETITIONS





CO-CURRICULAR ACTIVITIES

PARTICIPATION IN INTRA COLLEGE COMPETITIONS









CMPN Participants: 126 CMPN Participants: 49 CMPN Participants: 76 CMPN Participants: 238



EXTRA CURRICULAR ACTIVITIES

INTER COLLEGE EXTRA CURRICULAR ACTIVITIES



INTRA COLLEGE EXTRA CURRICULAR ACTIVITIES



CMPN Participants: 48



CMPN Participants: 21 CMPN Participants: 72

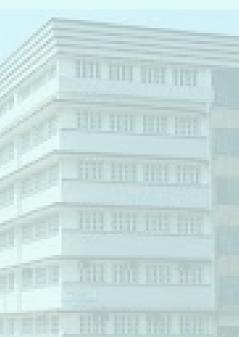




CMPN Participants: 13

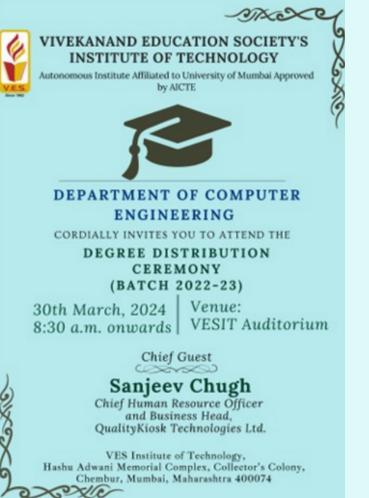


D7B Sports Winner



22.9 M (A) 89

DEGREE DISTRIBUTION



Degree Distribution ceremony , batch of 2022-23 , 30th March, 2024. Chief Guest : Mr. Sanjeev Chugh Chief Human Resource Officer and Business Head, QualityKiosk Technologies Ltd.











ANNUAL PRIZE DISTRIBUTION EVENT

The prestigious Annual Prize Distribution Event, held at VESIT on March 15th, 2024, marked a significant milestone in our calendar. It was a grand platform dedicated to acknowledging and commemorating the remarkable accomplishments of our students, highlighting their excellence and contributions.

Annual Day Incharge : Dr. Sharmila Sengupta



Gharade Abdul Hannan Ashfaque - Highest in final year all branches B.E.



Kanojia Samtta Mahesh- Second Rank B.E



Jessica Lalchandani - First rank T.E



Kajale Malhar Vilas-Second rank T.E



Dongare Sarvesh Sudhakar - First rank S.E



Chugeja Piyush Kamlesh-Second rank S.E

INTERNSHIPS & SCHOLARSHIPS

INTERNSHIPS

23 students have undertaken Internships at various International and National level companies like MIRA Advanced Engineering, Linedata, JSW, techAsia, CodeClause, Essentially ai, EY(Ernst & Young), Pixolo Productions, Beanstalkedu Services Pvt Ltd, Capriole, Zymo, Microsoft, Banao Technologies, House of Couton Private Ltd., Sinfolix Technologies, Oil and Natural Gas Corporation(ONGC), Prodigy Infotec,.etc.

SCHOLARSHIPS

• **VESIT** offers various *scholarships* to meritorious and needy students. Students Aid Scholarship, Vivekanand Jyoti Scholarship, Alumni as well as other scholarships Jadavpur Alumni Association Scholarships, TU Cibil etc. are offered every year. In the current academic year, **25 students** have applied for various scholarships.

•23 students of Computer Engineering Department have received scholarships till date.

ALUMNI DAY

The Alumni day for VESIT was organized by VESIT Alumni Association (VESITAA) on Saturday, 6th January 2024 at VESIT. The day also marked the Silver Jubilee celebrations for Batch 1998.



Mr. Mayuresh Sarpotdar

Executive Director, Morgan Stanley *Batch of 2006*

Department of Computer Engineering Mayuresh Sarpotdar, an alumnus of VESIT and currently serving as the Executive Director at Morgan Stanley, shares valuable insights into his career journey. From practical exposure and mentor influence to continuous learning, Mayuresh highlights the importance of technical basics for aspiring engineers. Emphasizing adaptability, genuine connections, and work-life balance, his advice forms a legacy for future generations navigating both personal and professional spheres.





FACULTY CONTRIBUTIONS

WORKSHOPS/COURSES CONDUCTED BY DEPARTMENT

Content:

- Workshops/Courses
 Conducted by
 Department
- Workshops/Courses
 Conducted by
 faculty
- Courses Attended by faculty
- Skill Development Activities
 - Certification Exams
- Research Activities
 - Research Grants
 - Expert Talk
- Accomplishments
 - Published book chapters
 - Patents
 - Copyright

Department of Computer Engineering Under the guidance of the Vivekanand Education Society's Institute of Technology & Internal Quality Assurance Cell (VESIT-IQAC) organized a AICTE Sponsored - **One Week ATAL Faculty Development Program** from 1st January2024 to 6th January 2024

Topic: "CloudOps Unleashed : Scaling Applications through DevOps and Cloud"





WORKSHOP/COURSES CONDUCTED BY FACULTY • Prof. Priva R. L hosted a Technical Paper Presentation

• **Prof. Priya R. L** hosted a Technical Paper Presentation organized by the CMPN Research Forum, VESIT on 15th February 2024 for 1 day.

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

WORKSHOPS/COURSES ATTENDED BY FACULTY

- Dr. Nupur Giri and Dr. Sharmila Sengupta attended the 'ATAL Academy course on Quantum Enabled Intelligence Innovations in Computing and Communications' organized by ATAL, RAIT, Nerul from 04/12/2023 to 09/12/2023.
- Dr. Gresha S Bhatia, Dr. Sharmila Sengupta, Dr. Sujata Khedkar, Prof. Vidya Zope, Prof. Indu Dokare, Prof Priya R.L, Prof. Abha Tiwari, Prof. Nusrat Ansari, Hande Prof. Rupali attended ISTE approved STTP on 'Gray box probing 08/01/2024 Generative Al' from to 13/01/2024.
- Dr. Gresha Bhatia, Dr. Sharmila Sengupta, Dr. Prashant Kanade, Prof. Priya R.L, Prof. Vidya Zope, Prof. Abha Tewari, Prof. Pallavi Gangurde, Prof. Nusrat Ansari, Prof. Rupali Hande, Prof. Pallavi Saindane, Prof. Richard Joseph, Prof. Manisha Mathur and Prof. Priti Joshi attended a Research Forum Talk on 'Cloud Odyssey: Evolution, Challenges, and Innovations in Computing' Cloud organized by Department of Computer Engineering under the guidance of VESIT-IQAC and VESIT-Research Forum, in association with VESIT-IIC, on 28/02/24.
- **Dr. Prashant Kanade** attended 'STTP on DeVops' organized by SSPM College of Engineering, Kankavli from 12/12/2023 to 16/12/2023.
- **Dr Prashant Kanade** attended 'ATAL FDP on AI and ML' organized by MGM College of Engineering AICTE ATAL from 01/01/2024 to 06/01/2024.
- Dr. Prashant Kanade attended 'Orientation on NEP' organized by Bhartiya Shikshan Manda on 14/01/2024.

- **Dr. Prashant Kanade** attended 'Research Forum Talk on "Enhancing Model Robustness using Domain Adaptation and Generalization Techniques' organized by the Department of Information Technology under the guidance of the Internal Quality Assurance Cell on 10/02/2024.
- **Dr Prashant Kanade** attended 'Expert Talk on Entrepreneurship' organized by Jaypee University on 01/03/2024.
- **Dr. Prashant Kanade** attended the ICICACS 2nd International Conference on Integrated Circuits and Communication Systems on February 23, 2024.
- Dr. Prashant Kanade participated in the Second International Conference on Data Science and Information System (ICDSIS -2024) organized by Malnad College of Engineering, Hassan, on May 17, 2024.
- **Prof. Vidya Zope** attended International Women's Day Celebration "Invest in women: Accelerate progress" organized by VESIT on 09/03/2024.
- **Prof. Indu Dokare** attended ISTE approved FDP on "Cultivating The Future of Healthcare with Generative AI" organized by St. Francis Institute of Technology, Mumbai from 11/12/2023 to 15/12/2023.
- **Prof. Indu Dokare** attended VReach '24 -Interview Excellence: Innovative Essential Skills for Career Advancement organized by V-Reach : An Alumni Engagement Initiative under VESIT-IQAC & IIC,VESIT on 16/02/2024.
- **Prof. Abha Tewari** attended 'ATAL FDP on Generative AI : Concerns and Solutions' organized by SPIT, Mumbai from 01/01/2024 to 06/01/2024.

WORKSHOPS/COURSES ATTENDED BY FACULTY

- Prof. Mannat Doultani, Prof. Nusrat Ansari and Prof. Priyanka Nagda attended 'AICTE Training And Learning (ATAL) Academy Faculty Development Program on Tool and Techniques for Modern Data Science' organized by AICTE Training and Learning (ATAL) Academy from 18/12/2023 to 23/12/2023.
- **Prof. Mannat Doultani** attended 'AICTE Evaluated-Patent Course' organized by Turnip Innovations from 16/12/2023 to 29/12/23.
- **Prof Sanjay Mirchandani** attended 'Advancements in Antenna Development: Current Trends and Challenges' organzied by the Department of Electronic Science University of Delhi South Campus New Delhi, India In Collaboration with IEEE APS &CRFID Delhi Chapter on 29/01/2024, 05/02/2024 and 07/02/2024.

- **Prof Sanjay Mirchandani** and **Prof. Veena Trivedi** attended 'CloudOps Unleashed: Scaling Applications through DevOps and Cloud' organized by AICTE Training and Learning (ATAL) Academy from 01/01/2024 to 06/01/2024.
- **Prof. Pallavi Saindane** attended the 'AI tool workshop' organized by BE10X on 03/03/2024.
- **Prof. Yugchhaya Galphat** attended 'Operational Technology (IT-OT)' from 01/01/2024 to 06/01/2024.
- **Prof. Manisha Mathur, and Prof. Priti Joshi** attended 'STTP on cloud computing and its services' organized by A.C.Patil College of Engineering, Kharghar from 01/01/2024 to 06/01/2024.

SKILL DEVELOPMENT ACTIVITIES

CERTIFICATION EXAMS

- Dr. Sharmila Sengupta completed the "Modern Artificial Intelligence with Zero Coding" course from Udemy from August to November 2024.
- Dr. Sharmila Sengupta completed the "Machine Learning A-Z[™]: AI, Python & R + ChatGPT Bonus [2023]" certification from Udemy, completed during the period of August to November 2023.
- Dr. Sharmila Sengupta completed the "ChatGPT for Data Science and Data Analysis in Python" course from Udemy from August to November 2024.
- **Prof. Abha Tewari** completed the **"Introduction to Statistics"** course from NPTEL during the period of January 22, 2024, to April 22, 2024.

- Prof. Abha Tewari completed the "Introduction To Industry 4.0 And Industrial Internet Of Things" course from NPTEL during the period of January 22, 2024, to April 22, 2024.
- Prof. Pallavi Gangurde completed a national-level online course on
 "Research and Publication Ethics" from
 NPTEL during the period of December 1st to December 12th, 2023.
- **Prof. Pallavi Saindane** completed the "**Data Mining**" course from NPTEL during the period of January 25, 2024, to March 15, 2024.

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Page Number: 34

RESEARCH ACTIVITIES

RESEARCH GRANTS

Research project titled "Artificial Intelligence based Smart Driver Assistant for Reduction of Road Fatality."

IIIT Hyderabad

₹10,00,000

Faculty Dr. Nupur Giri Delivery X - Sender and Receiver application

Navkar Safal Pvt Ltd, Mumbai

₹75,000

Faculty Dr. Gresha Bhatia, Dr. Sharmila Sengupta

EXPERT TALK

Research Forum of VESIT In Association with the Department of Computer Engineering under the guidance of the Internal Quality Assurance Cell (IQAC) and In Association with Institution's Innovation Council (IIC) organized a Research Forum Talk on 28th February 2024.

Topic: Cloud Odyssey: Evolution, Challenges and Innovations in Cloud Computing

Speaker: Mr. Kumar Vaibhav, Scientific Officer, Computer Division, BARC



ACCOMPLISHMENTS

PUBLISHED BOOK CHAPTERS

- A book on "Blockchain Transformations. Signals and Communication Technology" published by Prof Priya R.L, Tanmay Thakare, Tanay Phatak, Gautam Wadhani, Teesha Karotra; Springerlink; 1st edition(Feb 2024).
- A book on "Data Science and Big Data Analytics ISBN 978-981-99-9178-5" published by Prof Indu Dokare, Priyal Agarwal, Vipin Talreja, Rutuja Patil, Vaishnavi Jadhav; Springer Nature Singapore Pte Ltd (March 2024).

PATENTS

• Dr. Gresha Bhatia and Prof. Abha Tewari have received a patent on "System and a method for remote access control to sensitive areas using crypto card" at a National level.

ic.in/index.htm)	
Application Details	
202421017990	
ORDINARY APPLICATION	
13/03/2024	
1 . Dr. Gresha S Bhatia 2. Mrs. Abha Tewari 3. Dr. Shashikant Raichand Dugad 4. Mr. Om Mahadev Madat 5. Mr. Rigo Evander Cardozo 6. Mr. Yans Rajesh Pahuja 7. Ms. Drishti Prakash Samwedi	
A SYSTEM AND A METHOD FOR REMOTE ACCESS CONTROL TO SENSITIVE AREAS USING CRYPTO CARD	
COMPUTER SCIENCE	
abha.tewari@ves.ac.in	
13/03/2024	
05/04/2024	

• Dr. Sharmila Sengupta has received a patent on "System for Aiding Visually Impaired" at a National level.



COPYRIGHT

• Dr. Prashant Kanade has received a copyright on "Analysis of health record standard to provide interoperable electronic health record system model for effective health services in India" at a National level.

VISUAL GLIMPSES: A JOURNEY THROUGH ACHIEVEMENTS



Winner of Utsav'24 Senior Portfolio



UTSAV'24 - 1st prize Group Dance



Runner Up of Senior Sphurti 2023-24



Runner Up of Illusion 2023-24



Runner-Up of Dodgeball Sphurti 2024



2nd Runner Up in Chitrakatha(Illusion 24)



Runner-Up of Dodgeball Girls in Senior Sphurti 2023-24



1st in Group Drama(Illusion '24)

CMPN BATCH 2020-24



Division A



Division B



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



Mohit Patil D12B

EDITORIAL TEAM



Sakshi Patil D17C



Ritika Hotwani D17B



Sai Thikekar D12A



Harsh Ahuja D7A



Sarang Pavanaskar D7A



Sandali Bhat D7A



Garv Chawala D7A

