



# ITYUKTA

## इत्युक्ता

**Issue 17  
2022-23**

**EVEN Semester**

**Department of Information Technology**



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## *INSIDE THIS ISSUE*

From The Professors' Desk .....	1
From The Editor's Desk .....	1
Highlights .....	1
Departmental Activities .....	2
Winners of ETH India .....	2
SIH Winners.....	2
SE Orientation .....	3
LBS .....	3
Parent Teacher Meeting .....	4
Farewell to Mrs. Smita Jangle .....	4
Research Forum Activities .....	5
Sentimental analysis for text reviews.....	5
SEL on Data Structure in Industry.....	5
Placement Activities .....	6
Eligibility, Employability and Resume building .....	6
A stepping stone for bright career industry .....	6
TPC Lecture Report .....	7
QuestIT events .....	8
Quickstart Devops and Advanced Devops .....	8
QuesIT Cell's Workshop on Java .....	8
E-Disha .....	9
Latex for report writing.....	9
Readiness for gate higher studies and placement.....	10
Students' Corner .....	11
Student's Achievements .....	11
D20A .....	11
D20B .....	11
D15A .....	12
D15B .....	15
D10A .....	16
D10B .....	19
ITians in the Student's Council .....	21
Placements .....	24
Department Rankers .....	25
Teachers' Corner.....	26
Workshops/ Courses Conducted .....	26
Workshops/ Courses Attended .....	26
Publications.....	27
Conference.....	27
Alumni Voice .....	28
The Editorial Team .....	30

## *From The Professor's Desk*

Dear Students,

We welcome you all in the first year of the curriculum with Autonomy status! Autonomy is a recognition of the rights of learners within educational systems. Academic Autonomy means freedom to a College in all aspects of conducting its academic programs, granted by the University for promoting excellence.

It gives you a flexibility to consciously create a suitable learning environment for yourself, look into a future, plan ahead, shape your future and achieve your dream. Great freedom comes with great responsibility!!!

So students use your freedom to shape your future with our help and institute's initiative - to provide you with the best resources, platforms and curriculum to bridge the gap between industry and academia to make you all industry ready!!

All the best and let's take the department to a new height with our combined efforts and initiatives !!!

**Dr. Shanta Sondur**  
Associate Professor

"Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success."

- Swami Vivekananda

## *From The Editor's Desk*

Dear Valued Readers,

Greetings from the IT Department at Vivekanand Education Society's Institute of Technology! We are delighted to connect with you through our newsletter, where we highlight the events, achievements, and accomplishments that define our department's essence.

As we explore the realms of information technology together, we come across inspiring stories that showcase the passion, dedication, and brilliance of our faculty and students. In each issue, we celebrate their milestones and look forward to future successes.

We welcome you to join us on this journey, seize the opportunities to learn and grow, and collectively shape the future of technology for a better world.

Thank you for being a part of our community and for your continued support.

With warm regards,  
Editorial Team

## *Highlights*

Institute Celebrates 'A' Grade NAAC Accreditation, with effective from December 13, 2022

IT Department Boosts Student Numbers: Strength Grows from 120 to 180

Institute Awarded Autonomous Status by UGC for a Decade Starting 2021-22 to 2030-31



## Departmental Activities

### XZIBIT'23 Success: Our Team Takes 2nd Prize in National Project Competition

Our third year students Suleman Mathekar, Diya Shah, and Gaurang Desai secured the 2nd prize at XZIBIT'23, a national project competition organized by K.C College of Engineering & Management & Research, Thane (E). The event took place online on April 8th and 10th.

Their project, 'Epileptic Seizure Prediction System,' focuses on helping individuals with epilepsy predict seizures, allowing for timely preventive measures. A big thank you to our project mentor, Sukanya Roychowdhury ma'am, for her valuable time, guidance, and motivation that contributed to the success of our project."



### Techv3nt's Triumph at 5ireChain Hackathon

Techv3nt, composed of the brilliant minds of Mukul Kolpe, Sarvesh Limaye, Meet Mulik, and Soham Kayal recently earned a coveted spot among the top 5 projects at the 5ireChain Hackathon, hosted at Karnavati University in Gandhinagar. This dynamic event was organized by the enthusiastic community at Hack This Fall.



## Research Forum Activity

Featuring the Research and Development activity of the department, Dr. Ravita Mishra, an Assistant Professor in the IT Department delivered a session on the theme of Performance Evaluation and Design of scalable Job Recommender System using Deep Learning Technique on the 4th March 2023. Mrs. Kajal Jewani, acted as the coordinator for the program.

The seminar aimed to provide participants with an understanding of the research process, including how to formulate a problem statement and set research objectives. It also focused on the development of new algorithms, particularly in embedding and graph-based approaches, to meet research requirements. The program aimed to enhance algorithm and system performance through novel techniques while considering scalability and efficiency of data and systems. Additionally, the seminar sought to present societal applications of research.

Participants explored various recommender system techniques and measured their performance on different datasets, gaining insights into their capabilities and limitations. Attendees learned about an Enhanced DSSM (Deep Semantic Similarity Model) algorithm for embedding purposes and a Scalable GBA (Graph-Based Algorithm) for ranking purposes. These novel algorithms are expected to enhance the performance of job recommendations and suggestions. The seminar encouraged participants to create a mathematical model and evaluate its performance using benchmark data in diverse environments. This model can be utilized for societal applications, benefiting the community and increasing its commercial value.

Overall, the seminar provided valuable knowledge and practical skills in research and algorithm development, enriching participants' understanding of data analysis and system optimization. The insights gained from this session are expected to contribute significantly to future research endeavors within the academic community.





## Placement Activities

### • Steering an Interview

The session on "Steering an Interview," conducted on the 17th of January 2023, was guided by the expert facilitation of Mr. A. Nagananda. The session commenced with a comprehensive introduction to the multifaceted role of a placement coordinator. These responsibilities encompass cultivating employer relationships, identifying lucrative job prospects, and providing students with essential guidance throughout the job search journey. Mr. Nagananda underscored the crucial role placement coordinators play in facilitating students' meaningful employment journeys. This encompasses a wide spectrum of assistance, ranging from career counseling and resource provisioning to resume refinement and mock interview sessions.



Attendees were presented with compelling instances of triumph from successful placement programs, elucidating the transformative impact they've had on students' career trajectories. The facilitator shared invaluable best practices and identified key success factors that underpin the effectiveness of a thriving placement program.

Transitioning seamlessly into the latter part of the session, Mr. Nagananda expounded upon the profound significance of steering an interview and its pivotal role within the larger framework of the hiring process. Diverse categories of interview questions were explored, along with adept strategies for directing conversations toward the desired outcome. Attendees were further enriched with practical advice and insightful techniques to assert control during interviews while skillfully sidestepping common pitfalls.

A comprehensive discussion ensued, shedding light on the prevalent challenges participants had encountered during previous interviews. The facilitator, with his adept guidance, provided actionable approaches to surmount these challenges and emerge as confident interviewees.

The session culminated with an engaging question and answer segment, fostering a platform for attendees to seek additional counsel from the esteemed facilitator regarding the art of steering an interview.

## *Placement Activities*

### • Transaction Analysis

A comprehensive session on Transaction Analysis was conducted at the VESIT Auditorium on Tuesday, 31st January 2023, from 01:00pm to 3:00pm. The session was a significant initiative aimed at enhancing self-awareness and fostering personal growth among the students. Mr. A. Nagananda, the Training and Placement Officer at VESIT, spearheaded the session, which was specifically tailored for students from the Electronics (ETRX) and Information Technology (INFT) departments.



The primary objective of the session was to introduce students to the concept of Transactional Analysis, a psychoanalytic theory and therapeutic approach that delves into the analysis of social interactions, or "transactions," to decipher the communicator's ego state. The ego state—whether parent-like, childlike, or adult-like—forms the basis for understanding an individual's behavior.

Mr. A. Nagananda commenced the session by elucidating the fundamental principles of Transactional Analysis. He highlighted how this theory can offer valuable insights into human behavior, communication patterns, and personal growth. By analyzing social interactions, participants can gain a deeper understanding of their own ego states and those of others, thereby facilitating effective communication and interpersonal dynamics.

The session was thoughtfully structured to engage the participants actively. Through these activities, students were encouraged to self-reflect and identify the different ego states in themselves and others. The session received enthusiastic participation from students.



## Placement Activities

### • Human Behavior and its impact on Career

The session titled 'Human Behavior and its Impact on Career' was a part of the ongoing series of sessions known as 'HR Connect,' which was organized by the Training and Placement Cell. The event took place on the 3rd of February 2023, from 2:00 to 3:00 pm, at the VESIT Auditorium. The target audience for this session consisted of students from classes D15A and D15B.

The distinguished speaker for the session was Mr. Bharat Jethan. Mr. Jethan holds a certification as a Relationship-based Referral Marketing Expert from ASENTIV. He is also a Master Franchisee for Central India and oversees the management of Mastermind Communities. These workshops serve as a unique way to comprehend and adapt to different behavioral styles.



During the session, Mr. Jethan provided valuable insights into the impacts of Human Behavior. He began by presenting a formal definition of Human Behavior, emphasizing its significance in a professional environment. The discussion revolved around how behavior can influence not only team dynamics but also overall workplace productivity and safety. Employees who exhibit positive work behavior tend to collaborate effectively, enhance productivity, and adhere to safety protocols, thereby contributing to a more efficient work environment.

As the session progressed, Mr. Jethan engaged the participants in an interactive activity. He presented random words on slides and encouraged the students to contemplate and identify which word resonated with their personalities. This exercise enabled participants to gain an understanding of their own personalities, whether they lean towards being go-getters, nurturing individuals, or thinkers.

Furthermore, Mr. Jethan posed thought-provoking questions to the attendees, prompting them to reflect on their individual career paths. The brainstorming session facilitated discussions among peers, encouraging deep contemplation and self-evaluation of personal choices.

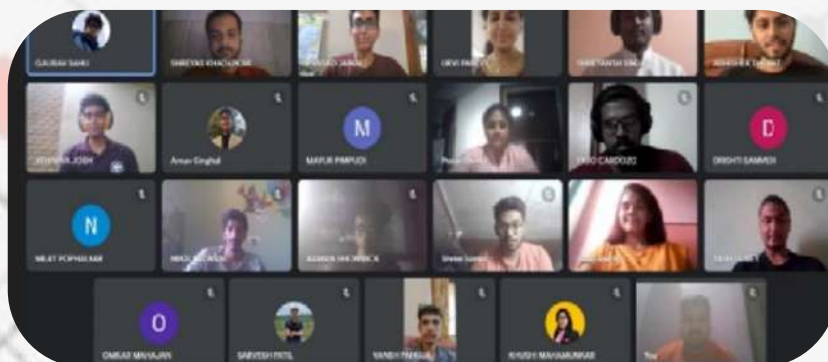
In summary, the session 'Human Behavior and its Impact on Career' delivered valuable insights into the significance of behavior in professional settings. The attendees left the session with a deeper understanding of the role of human behavior in shaping successful careers.

# QuestIT Events

## • Invictus '23

The event “Invictus’23 - Think. Code. Innovate.” a 24-hour hackathon was organized by QuestIT Cell in collaboration with ISTE VESIT on the 4th & 5th of February 2023. The event provided an excellent platform for SE's and TE's of VESIT to collaboratively think, build applications, and showcase their innovation and problem-solving skills. Participants were given a specific problem statement to solve within the defined time frame, encouraging teamwork and creativity. The main objective of Invictus'23 was to offer students hands-on experience in working as a team and brainstorming innovative solutions to real-world challenges. By participating in the hackathon, students were encouraged to think critically, apply their technical knowledge, and develop solutions that address the given problem statement effectively.

The panel of judges who assessed the participants' creativity, innovation, and problem-solving skills at Invictus'23 were for SE Category:-Mrs. Jayshree Hajgude, Mr. Shubham Darekar, Mr. Abhishek Shukla. For TE Category:-Mrs. Pooja Shetty, Mr. Shreyas Khadapkar, Mr. Guarav Sahu.



SE	
Winners	Runner-up
<ul style="list-style-type: none"> <li>Dyotak Kachare</li> <li>Atharva Nawadkar</li> <li>Himanshu Goyal</li> <li>Atharva Sardal</li> </ul>	<ul style="list-style-type: none"> <li>Nidhi Nayak</li> <li>Shivani Nikam</li> <li>Siddhi Bhogale</li> <li>Anurag Shirsekar</li> </ul>

TE/BE/MCA	
Winners	Runner-up
<ul style="list-style-type: none"> <li>Figo Cardozo</li> <li>Vansh Pahuja</li> <li>Drishti Samvedi</li> <li>Teesha Karotra</li> </ul>	<ul style="list-style-type: none"> <li>Abhishek Thorat</li> <li>Arnav Singhal</li> <li>Mayur Pimpude</li> <li>Himanshu Sharma</li> </ul>

The winning team was awarded ₹1200 in cash and ₹800 in cash to the runner-up team. Also a Tshirt and mug from Hashnode (to all members) and Scrimba pro account for 6 months (to all members) were given off.



## Career Connect

Career Connect was an event conducted by QuestIT for the students of INFT and AI-DS Departments on 24th January 2023. Given the magnitude and importance of the Placement

Season for the students, Ninad Rao and Sreekesh Iyer, the brightest of QuestIT from Final Year guided the students through the entire process. The talk was arranged in the VES Auditorium from 1 PM to 3 PM. The event focused on guiding TE students about upcoming placements. It provided a roadmap on preparing for placements, important Tech Stacks to learn, building a good profile, Resume LinkedIn, and eventually approaching interviews.



## • Bridge the Gap

QuestIT in coordination with the Placement Cell, worked on organizing the "Bridge the Gap " event. This event was held on 25th January 2023 in VESIT's Auditorium. Embracing the brisk season of placements of TE the high-sprinted students in BE placed in Dream companies provided insights about the companies they were placed in and their selection process. They also focused on providing tips for placements and clearing doubts about the same.

The event was committed to providing in-depth knowledge about the placement process. It was also to help students understand how to crack the interview of their dream companies. The session was delivered by Ninad Rao, Amir Ansari, V Krishnasubramaniam, Isha Gawde, Bhavya Hingorani, Ajay Kachela and Prathamesh Kesarkar.



## Technology Day

Bhavya Shinde (2018-19)  
Software Engineering

The Department organized the Technology Day "PROJECT EXHIBITION" on 20th March 2023, starting from 10:30 am. 12 selected BE project groups from the Final Year IT class participated in this exhibition. The primary objective of organizing this exhibition was to provide a platform for students to showcase their innovative projects developed during their Final Year, addressing either Industry Defined Problems or User Defined Problems. It aimed to give students an opportunity to demonstrate their learning experiences and unleash their potential.

The Department organized the Technology Day "PROJECT EXHIBITION" on 20th March 2023, starting from 10:30 am. 12 selected BE project groups from the Final Year IT class participated in this exhibition. The primary objective of organizing this exhibition was to provide a platform for students to showcase their innovative projects developed during their Final Year, addressing either Industry Defined Problems or User Defined Problems. It aimed to give students an opportunity to demonstrate their learning experiences and unleash their potential.

Overall, the Technology Day "PROJECT EXHIBITION" was a resounding success, providing an excellent platform for students to showcase their talent, innovation, and technical skills to esteemed guests, faculty, and fellow students.

Here are the details of the winning and runner-up teams and the titles of their projects:



#### 1st Place

Members:	Aamir Ansari
Project Title:	Insurance Eligibility Validation and Fraud Control

#### 2nd Place (Tie)

Members:	<ul style="list-style-type: none"> <li>• Sreekish Iyer</li> <li>• Aditi Singh</li> <li>• Yash Keswani</li> </ul>
Project Title:	AI Personal Trainer

#### 2nd Place (Tie)

Members:	<ul style="list-style-type: none"> <li>• Aaryan Swami</li> <li>• Shivam Singh</li> <li>• Adarsh Panigrahi</li> <li>• Isha Gawde</li> </ul>
Project Title:	Sanket: Vision Beyond Gesture

#### 3rd Place

Members:	<ul style="list-style-type: none"> <li>• Kanaiya Kanabar</li> <li>• Jisha Philip</li> <li>• Shilpa Tholar</li> <li>• Sampath Houde</li> </ul>
Project Title:	Women Safety App



## Looking Beyond Syllabus

LBS Championship is an Institute level competition with the purpose of motivating students to come up with new project ideas, which can be converted into real time applications or products. For the current academic year 10 teams are selected as the finalists.

The following teams from the Information Technology Department have been selected for the final round:

Project Titles:	An innovative approach to retrieve drug information.
Team Members:	Manav Jawrani

Project Titles:	Authentication and storage of data using blockchain.
Team Members:	Hemant Patil

Project Titles:	Waste Management
Team Members:	<ul style="list-style-type: none"> <li>• Noel Dason</li> <li>• Vallari Patil</li> </ul>

Project Titles:	Resource pooling and Distribution in War-hit zone using blockchain.
Team Members:	Shreyash Dhasade

Project Titles:	IoT-based wellness and health monitoring system.
Team Members:	Kanak Pendse

Project Titles:	Farmer Dairy Portal
Team Members:	Shreyansh Singh

Project Titles:	Wildlife Tracking and Health Monitoring System
Team Members:	<ul style="list-style-type: none"> <li>• Aditya Bagayatkar</li> <li>• Aaman Bhowmick</li> </ul>

Project Titles:	Automatic Waste Segregation System
Team Members:	<ul style="list-style-type: none"> <li>• Anushka Karhadkar</li> <li>• Niyati Gaonkar</li> </ul>

## Looking Beyond Syllabus

Project Titles:	Smart solution for slums for SDG target monitoring using AI and IoT
Team Members:	<ul style="list-style-type: none"> <li>• Abhishek Anil Patil</li> <li>• Shubham Ashok Kamodkar</li> </ul>

Project Titles:	Prediction of Admission & Jobs in Engineering and Technology/ Management/ Pharmacy with respect to demographic locations
Team Members:	<ul style="list-style-type: none"> <li>• Simran Huddedar</li> <li>• Omkar Pawar</li> </ul>

LBS team also organized LBS I2I : Idea to Implementation Competition 2022-23 In in association with VESIT – IQAC and VESIT – IIC, a two-day hardware and software hackathon on 13th and 14th March 2023.

The following teams from the Information Technology department have secured the following positions:

Project Title:	Wildlife Tracking and Health Monitoring System
Team Members:	<ul style="list-style-type: none"> <li>• Aditya Bagayatkar</li> <li>• Aaman Bhowmick</li> </ul>
Achievements:	Second Runner-up (Hardware Section)

Project Title:	Farmer Dairy Portal
Team Members:	Shreyansh Singh
Achievements:	Second Runner-up (Software Section)

## *Skill Enhance Lectures*

### Kubernetes Workshop

The Department of Information Technology, in collaboration with VESIT's Innovation Council and Internal Quality Assurance Cell, recently hosted a dynamic technical workshop on Kubernetes and Docker. Conducted on March 8th, the workshop, led by Mr. Walsh Fernandes, a seasoned Software Engineer at Priceline, aimed to deliver both theoretical insights and practical skills in containerization and orchestration.

In the program included the Docker Fundamentals, Building and Deploying Applications, Challenges and Limitations to begin with. And later Introduction to Kubernetes, how Kubernetes manages containerized applications to provide scalability and availability was covered. The audience gained a hands-on experience with the "kubectl" command line tool. This workshop not only bridged the gap between theory and practice but also provided valuable industry-oriented insights. The enthusiastic participation of TE and BE students from the Information Technology department contributed to the success of this insightful event. The event was coordinated by Mrs. Vidya Pujari & Mrs. Kajal Jewani.

- *E Disha events*
- Blockchain Applications & Tools

In a collaborative initiative by the Department of Information Technology and SEL under e-Disha, students dived into "Blockchain Applications & Tools" on February 22, 2023. Guided by Prof. Smita Bansod Barde, the event condensed essential insights into key facets of blockchain technology.



#### Key Takeaways:

**Blockchain Basics:** Grasped foundational principles for a solid understanding of blockchain technology.

**Smart Contract Development:** Acquired practical insights for crafting robust and secure smart contracts.

**Deployment to Test Networks:** Emphasized practical deployment skills for hands-on experience.

**Ethereum and Tools:** Explored Ethereum's intricacies and associated tools.

**MetaMask Usage:** Explored functionalities of MetaMask, enhancing knowledge of decentralized applications.

**Ganache Installation:** Learned to install and use Ganache for simulated private blockchain environments.

**Bitcoin's Inner Workings:** Gained a concise overview of Bitcoin's mechanisms.

**Truffles and Full Node Concepts:** Introduced Truffles and explained full nodes in blockchain networks.

This condensed exploration not only expanded participants' knowledge but also equipped them with practical skills crucial for navigating the dynamic landscape of blockchain technology.



- *E Disha events*

### ProtoIT

ProtoIT, a competition to encourage students to come up with creative and innovative solutions for problems faced in day to day life, was organized for the students of the Information Technology Department on the eve of World Creativity Day 2023. The event was organized as a part of eDisha series of events on 21st of April 2023.



9 groups had participated covering a wide range of domains including Education, Health, Automation.

The event was judged by Dr. Manoj Sabnis, Dy. H.O.D. and Mrs Asma Parveen. The best team from second year and third year were chosen to be the winners.



Winner of the competition were

### First Place

Project Titles:	Automated Email Attendance System (Third Year)
Team Members:	<ul style="list-style-type: none"> <li>• Pushkaraj Chaudhari (D15B)</li> <li>• Mayuri Yerande (D15B)</li> <li>• Kedar Gawhankar (D15B).</li> </ul>

### Second Place (Tie)

Project Titles:	Group Expense Tracker
Team Members:	<ul style="list-style-type: none"> <li>• Siddhant Bhoi,</li> <li>• Shubham Bablu Jha</li> </ul>

### Second Place (Tie)

Project Titles:	Smart Home
Team Members:	<ul style="list-style-type: none"> <li>• Kirti Eppanapally</li> <li>• Vinay Suryarao</li> <li>• Ruchita Dalvi</li> </ul>





## *Convocation of Batch 2022*

The Graduation day of 2022 batch was organised on 15th April 2023. The Chief Guest for the day was Honorable Mr. Sharad Ughade, Assistant Municipal Commissioner & Director IT, BMC.



Mr. Sharad Ughade is a B.E. Mechanical Engg and has a MBA degree in Financial Management. He is a multi-talented person, with diverse knowledge. He is Bachelor of Law and also has a Post Graduation in AI-ML.

The ceremony was also graced by Mr. Deniss Fernandis Honourable trustee Shri. B.L. Boolani, Dr.Ramesh Lulla and Vice Principal Dr. M. Vijayalakshmi. A total of 78 graduates were conferred degrees this year and 61 attended the ceremony.



# *Student's Corner*

## *D10A*

### Internships

- Tejas Rokade completed an internship as an intern in Cyber Security at MVARO.
- Abhinaya Danda completed an internship as a Web Developer at Bolt IOT from December 1, 2022, to January 5, 2023.
- Sushmita Santi completed a 2-month internship as a Student Intern at Academor and a 1.5-month internship as a Student Intern at Knowledge Solution.
- Sarvadnya Awghad completed a one-month Machine Learning Internship at Knowledge Solution

### Workshops

- Tanmay Bhosale attended the QuestIT Next JS workshop.
- Aditya Tahlilani attended a Trading workshop organized by VESIT.
- Parnav Raikar attended the Quest IT Next JS workshop.
- Ameya Chaudhary attended a workshop on Machine Learning organized by Quantum Learning.
- Shashwat Tripathi attended a Python PyGame workshop in January 2023, a Git and GitHub workshop on February 4, 2023, and a Mastering Next JS workshop in March 2023, all organized by VESIT.
- Atharva Chavan attended workshops on Augmented Reality, Git and GitHub, and Python, all organized by VESIT.
- Atharva Mulam attended a Twitter clone workshop from December 19 to 21, a Next Js Workshop, and a PyGame workshop, all organized by VESIT."
- Swarali Dhobale attended a Hands-on Figma workshop on December 12 and 13, and a Twitter clone workshop from December 19 to 21, both organized by VESIT.
- Shubham Nakashe attended workshops on Augmented Reality and Trading by VESIT, and a GitHub session by Microsoft.



## Workshops

- Susmita Santi attended a Webathon workshop by CSI, a GitHub Session by ISTE, and a Study Abroad workshop by ISTE.
- Sarvadnya Awaghad attended workshops on Java, an Introduction to Git by Microsoft Learn, and a Figma workshop by VESIT.
- Mrudula Gotmare attended workshops on Data Science and Machine Learning by IIT Bombay, and an AR workshop by VESIT.
- Himanshu Lohote attended a Next JS workshop in March 2023.
- Aaditi Surve attended a workshop on Web Development by IIT Bombay.
- Nilanchal Panda attended workshops on AR-VR by VESIT and Next JS by QuestIT.
- Om Gaikwad attended workshops on Data Analytics and Web Development by IIT Bombay, and Augmented Reality by VESIT.
- Mohdsufiyan Siddique attended the Next JS workshop by QuestIT, and workshops on HTML, CSS, and 'Campus to Corporate' by VESIT.
- Hetal Nikam attended a Java Workshop, an AR-VR workshop by VESIT, and a Data Analytics workshop by IIT Bombay.

## Courses

- Harsh Gawali completed a one-month Python for Beginners course on Udemy, a course in web development on Skillshare, and a course in iOS app development on Skillshare.
- Abhinaya Danda completed a one-month course in Web Development offered by Bolt-IoT.
- Jiya Santani completed a course in Java and MYSQL offered by Kamal Classes.
- Pranav Raikar completed The Complete Java Course on Udemy, earned a Java Certificate from Oracle Academy, and completed the Oracle Academy Database Foundation course.
- Ameya Chaudhary completed Introduction to SQL, Complete Python, and Complete Web Development, all on Udemy.
- Atharva Mulam completed a course on Python Fundamentals by Great Learning.
- Swarali Dhobale completed a course on Machine Learning and AI using Python.

## Courses

- Sarvadnya Awghad completed a course in Machine Learning by Quantum Learning, Complete Python, and HTML, CSS, JS, and Bootstrap, all on Udemy.
- Mrudula Gotmare completed a course in web development on Udemy.
- Om Gaikwad completed a course in Python on Udemy, IBM Data Analytics on Coursera, and Financial Analytics on Udemy.
- Susmita Santi completed a course in Web Development by Academor and in Data Science and Analytics by Quantum Learning.

## Technical Activities

- Tanmay Bhosale participated in the Syrus Hackathon organized by CodeCell.
- Abhinaya Danda participated in the BIT N BUILD hackathon by the Google Developer Students Club.
- Harsh Gawali participated in article writing organized by ISTE.
- Shubham Nakashe participated in the Invictus Hackathon by ISTE.
- Shashwat Tripathi participated in the Invictus Hackathon by ISTE and the Syrus Hackathon by CodeCell.
- Atharva Chavan participated in the Invictus Hackathon by ISTE.
- Swarali Dhobale achieved Special Mention in the Invictus Hackathon by ISTE.
- Sarvadnya Awghad participated in the Invictus Hackathon.
- Himanshu Lohote participated in the Campus to Corporate event organized by ISTE.
- MohdSufiyan Siddique participated in the Invictus Hackathon and the Campus to Corporate event by ISTE.

## Non technical Events

- Abhinaya Danda achieved 2nd prize in an Essay Writing competition organized by VESLIT.
- Ameya Chaudhary achieved 3rd prize in PhotoStory organized by the VESIT Cultural Council.

# Student's Corner

## D10B

### Internships

- Raghav Mundhara completed an internship as an Android App Developer Intern at CodeClause Company.
- Shantanu Saraf and Swarnika Singh completed an internship as Full Stack Developers at Erfinden Technologies Pvt. Ltd through Unnat Bharat Abhiyan.
- Kaushik Kotian, Pranathi Narsupali, Nidhi Nayak, and Yajat Bhasin completed an internship as Machine Learning Interns at Erfinden Technologies Pvt. Ltd through Knowledge Solutions India.
- Aakanksha Suvarna completed an internship as a Workforce Management Intern at Iks Health.
- Roshni Talreja completed a 2-month internship as a Student Intern at Academor.
- Vishal Gori and Niyati Gaonkar completed a 1-month internship in JavaScript MERN Full Stack at Mirabuilt.
- Niyati Gaonkar completed 2 months in Data Science & Analytics Using Python & R as a Microsoft partner.

### Workshops

- Pooja Panjwani, Nidhi Nayak, Himanshu Menghani, Pranathi Narsupalli, Nishtha Joshi, Raghav Mundara, Mitesh Dalvi, Abujaid Ansari, Sumeet Singh, Anket Kadam, Sharjeel Ansari, Sanchit Mhatre, Tanvi Saraf, Kanak Pendse, Kaushik Kotian, Priyank Kulkarni, Anish Mayekar, Anushka Karhadkar, Mayuresh Pednekar, Ruchita Dalvi, Abhishek Jadhav, Soham Nimbalkar, Shubham Jha, Kirti Eppanapelli, Mohit Mandhyani, Shantanu Saraf, Darash Mishra, Soham Phalke, Gaurang Mapuskar, Vishal Gori, Aaqueeb Pinjari, Kunal Pal, Siddhi Bhogale, Ajinkya Jadhav, Shivani Nikam, Ishwari Datir, Sanika Rane, Soham Hajare, Payoshni Khale, and Vinay Suryarao attended the Quest IT Next JS workshop in March 2023 organized by VESIT.
- Pranathi Narsupalli and Swarnika Singh attended a workshop on Hands-on Figma on December 12-13 and a Twitter clone workshop from December 19-21, organized by VESIT.
- Shantanu Saraf and Vishal Gori attended workshops on Augmented Reality and Trading organized by VESIT.
- Mitesh Dalvi attended the Dalal Street and Cricomania workshops organized by ISTE VESIT on March 4, 2023.

Raghav Mundhara attended a workshop on Flutter organized by VESIT CSI.



## Courses

- Nidhi Nayak, Pranathi Narsupalli, Vishal Gori, Niyati Gaonkar, Kaushik Kotian, and Anushka Karhadhkar completed a 5-day course on Machine Learning with Python Using AI by Microsoft Quantum Learning.
- Raghav Mundhara, Swarnika Singh, and Yajat Bhasin completed a course on Introduction to Git and GitHub by Microsoft Learn Student Ambassador.
- Nidhi Nayak completed a course on SQL Intermediate by HackerRank.
- Raghav Mundhara completed a Bootcamp course from Zero to Hero by Udemy and courses on Introduction to C++ and Data Structures in C++ by Coding Ninjas.
- Pooja Panjwani completed courses on Basics of HTML/CSS for Beginners and Basics of Python from Open Weaver.
- Roshni Talreja completed a 3-day course on HTML & CSS Bootcamp by Lets Upgrade.
- Yajat Bhasin completed a course on DSA with JAVA by Apna College.
- Kaushik Kotian completed courses on CSS & JavaScript for Beginners and Learn PHP for Beginners from Udemy.
- Darash Mishra completed courses on NextJs & React- The Complete Guide, PL/SQL Bootcamp, and Chat GPT Complete Guide from Udemy.

## Technical Events

- Nidhi Nayak, Raghav Mundhara, Swarnika Singh, Pranathi Narsupalli, Vishal Gori, Niyati Gaonkar, Shantanu Saraf participated in Invictus Hackathon by ISTE
- Nidhi Nayak achieved 1st prize in Campus2Corporate by ISTE, Money Heist by IEEE.
- Nidhi Nayak achieved 3rd prize in Scavenge to Build by ISA.
- Vishal Gori participated in Syrus Hackathon by VESIT
- Niyati Gaonkar participated in e-Quiz Competition by VESIT

# Student's Corner

## D15A

### Internships

- Bhargav Bodhankar completed an internship as a Web Developer Intern at VESIT Websites.
- Doulat Lalwani completed an internship as a Web Developer Intern at the Vesit Resonance Cell.
- Akash Chougule completed an internship as a Web Developer Intern at Infrainz Company.
- Samartha Rayguru completed an internship as a Markets Post Trade Department Intern at Barclays Company.
- Divisha Gupta completed an internship as a Lead Software Developer Intern at Star Union Dai-ichi Company.
- Divisha Gupta also completed an internship as an App Developer Intern at Exposys Labs.
- Sarvesh Chandnani completed an internship as a Web Developer Intern at OptAIoT Pvt. Ltd.
- Nidhi Badiger completed an internship as a Web Developer Intern at OptAIoT Pvt. Ltd.
- Sarvesh Patil completed an internship as a Software Developer Intern at Swechcha Company.
- Amogh Pujari completed an internship as a Full Stack Development Intern at MIRA ADV Engineering Company.
- Vittal Kumar completed an internship as a Data Analyst Intern at Academor Company.
- Janhavi Deshpande completed an internship as a Web Developer Intern at PHN Technology Company.
- Siddharth Rawlani completed an internship as a Software Quality Assurance Engineer Intern at TradingTechnologies Company.

### Workshops

- Janhavi Deshpande attended a workshop on Life Skills Enhancement by Barclays in association with Rubicon.
- Siddharth Rawlani attended a workshop on PowerBI tools and Apache Spark, as well as a DevOps Workshop, organized by VESIT.
- Vittal Kumar and Doulat Lalwani attended a workshop on PowerBI tools organized by VESIT.
- Divisha Gupta attended a workshop on Cloud Computing organized by VESIT.

## Student's Corner

### D15A

- Deepak Sharma attended a workshop on creating a Hotstar clone using HTML, CSS, and Bootstrap, conducted by Devtown.
- Doulat Lalwani attended a workshop on Using LaTeX for Report Writing organized by VESIT

## Courses

- Siddharth Rawlani completed a Full Stack Web Development Training course from Internshala.
- Siddharth Rawlani completed a Cyber Security Essentials Training Program by TeleNetworks Technologies Private Limited.
- Siddharth Rawlani completed the 100 Days of Code: The Complete Python Pro Bootcamp course on Udemy, led by Dr. Angela Yu, Lead Instructor at the London App Brewery.
- Janhavi Deshpande completed a course on Data Science using Python by Udemy.
- Vineet Vijayakumar completed the Coincent Internship Program by Coincent.
- Sameeksha Wadibhasme completed a course on Process Data from Dirty to Clean by Coursera.
- Amogh Pujari completed a course on JS Full Stack Development by Kamal Sir.
- Vittal Kumar completed courses on Python and MS Word and Excel by ICI Computer Academy.
- Sarvesh Patil completed courses on Accelerated Computer Science Fundamentals, Mathematics for Machine Learning: Linear Algebra, and Mathematics for Machine Learning: Multivariate Calculus by Coursera.
- Sarvesh Chandnani completed the Full Web Development Bootcamp course by Angela Yu.
- Sakshi Pawar completed a course on Python by RkDemy.
- Divisha Gupta completed courses on Programming in Java and Cloud Computing by NPTEL.
- Akash Chougule completed a course on React-Front to Back by Udemy.
- Rinki Tejawani completed a course on Mysql 8.x with PL/SQL Database Programming by Kamal Sir Classes.
- Deepak Sharma completed a course on Javascript MERN Stack Development by Kamal Sir Classes.
- Doulat Lalwani completed courses on Java Programming and Database Design and Programming with SQL by Oracle Academy.



# *Student's Corner*

## *D15A*

### Technical Activities

- Sarvesh Patil secured 2nd rank in Hackanova 2.0 organized by TSDW TCET and secured 3rd rank in Code-A-Thon by CSI DMCE.
- Divisha Gupta participated in Unscript by Fr. Conceicao Rodrigues College of Engineering and in Mumbai Hacks '23 organized by Google Developers.
- Samiksha Wadibhasme participated in IDEathon by the VESIT EXTC Department.
- Hrishikesh Kumbhar secured 2nd rank in Hackanova 2.0 organized by TSDW TCET.
- Vanita Daryani secured a top 10 rank in the final round of the Chhalaang Hackathon by Passion Connect.

### Non-Technical Activities

- Samiksha Wadibhasme achieved 1st prize in Drawing in the Illusions event by the VESIT Cultural Council.
- Siddharth Rawlani achieved 1st prize in Volleyball at the Sphurti event by the VESIT Sports Council.
- Divisha Gupta achieved 1st prize in Poetry Writing at the Utsav event by the VESIT Cultural Council and 2nd prize in the Blow the Whistle event by the VESLit Council.
- Arya Nagariya achieved 2nd prize in Cricket at the VCL event by the VESIT Sports Council.
- Mandar Ambre achieved 3rd prize in Dance at the Illusion event by the VESIT Cultural Council.

# *Student's Corner*

## *D15B*

### Internships

- Mikil Lalwani of D15B successfully completed an Internship at Movidu Technology Private Limited as a Data Analyst Intern.
- Pushkraj Chaudhari of D15B successfully completed an Internship at Parmanand Medico as a Software Operator.
- Kunal Purswani of D15B successfully completed an Internship at Springfield Olympiad as Web Development Intern.
- Dia Theryani of D15B successfully completed an Internship at Prepinsta Prime as Growth Manager Intern.
- Bharat Kotwani of D15B successfully completed an internship at SEQUIRETEK as a Security Operations Center Intern.
- Nikita Israni of D15B successfully completed an internship at Rogue Code as a Web Design and Development Intern.
- Aaman Bhowmick of D15B successfully completed an internship at Pixolo Productions as a Front End Developer Intern.
- Aditya Bagayatkar of D15B successfully completed an internship at VRC and CPulser Pvt. Ltd as a Backend Developer Intern.

### Workshops

- Sanskruti Punyarthi of D15B attended the photography workshop organized by VESLit PhotoCircle at VESIT. In addition, she also attended the DSA (Applications) Workshop organized by VESIT.
- Riddhi Mehta of D15B attended the workshop The GSoC Talk organized by VESIT.

### Papers Published

- Bharat Kotwani of D15B published a survey paper based on the domain of Cyber Security in the IJSREM journal with the DOI of 10.55041.

## *Student's Corner*

### *D15B*

#### Courses

- Bharat Kotwani of D15B successfully completed the courses Certified Ethical Hacker from EC-Council and SOC Level 1 from TryHackMe.
- Mikil Lalwani of D15B has successfully completed the courses Introduction to Programming Using Python organized by Inmovidu and Ordered Data Structure organized by University of Illinois.
- Nandana Nair of D15B successfully completed the course Introduction to Structured Query Language (SQL) from UNIVERSITY OF MICHIGAN.
- Riddhi Mehta of D15B has successfully completed the courses Java Programming: Solving Problems organized by Duke University and Software and SQL (Basic) organized by HackerRank.
- Mayuri Yerande of D15B has successfully completed the courses Introduction to Python powered by Microsoft, Python for Everyday, organized by University of Michigan, and Programming in Java organized by NPTEL (Swayam).
- Rohit Yadav of D15B has successfully completed the course Basic Web Development organized by SHAPEAI.

## *Student's Corner*

### *D20A*

#### Internships

- Vinay Kalyani of D20A interned with The Sparks Foundation as a Web Development Intern.
- Shree Samal, Mikil Lalwani, Aaman Bhowmick, Aditya Bagayatkar, Manali Bhawe, Nikita Khabya participated Semicolons Hackathon at Persistent Systems Mumbai office.
- Shalaka Waghmale of D20B successfully completed an internship at Amazon Development Center as Software Development Engineering Intern.
- Aarushi Sharma of D20B interned as the algorithm developer for Ganit Lab at VRC and as a Business Analyst with The Sparks Foundation.



# *Student's Corner*

## *D20A*

### Courses

- Shalaka Waghmale of D20B successfully completed a course on Blockchain Applications by VESIT.

### Papers Published

Sreekesh Iyer of D20B published a paper on the topic Data Validation for Eligibility Criteria and Death Benefit Claims for Insurance Policies in the IEEE journal.

Omkar Pawar of D20B published a paper on the topic BLOCKCHAIN-BASED DECENTRALIZED KYC in the Bulletin for Technology and History journal with ISSN: 0391-6715

### Hackathons

Sreekesh Iyer of D20B participated in the OpenAI hackathon organized by Lablab.ai.

Shalaka Waghmale of D20B placed second at the Smart India Hackathon organized by the Government of India.

## Departmental Rankers

### BE Sem VIII (Div A)

First Ranker (CGPA 9.45)  
Sahil Malgundkar

Second Ranker (CGPA 9.18)  
Siddhi Mudra

Third Ranker (CGPA 9.09)  
• Jisha Philip  
• Bangera Nidhi  
• Nidhi Jain  
• Krishna Kansara  
• Chinmay Korgaonkar

### BE Sem VIII (Div B)

First Ranker (CGPA 9.32)  
Anusha Shetty

Second Ranker (CGPA 9.18)  
V Krishnasubramaniam

Third Ranker (CGPA 9.05)  
Shimpi Soham

### TE Sem VI (Div A)

First Ranker (CGPA 9.74)  
• Bhoite Atharva Shashikant  
• Gupta Divisha Dilipkumar  
• Patil Sarvesh Samir  
• Motiyani Varun Nandlal

Second Ranker (CGPA 9.61)  
• Mathekar Suleman Shakil  
• Patil Abhishek Anil

Third Ranker (CGPA 9.48)  
Pandit Urvi Manish

### TE Sem VI (Div B)

First Ranker (CGPA 9.74)  
• Balwani Ankit Navin  
• Khabya Nikita Sushil  
• Lohiya Anish Omprakash

Second Ranker (CGPA 9.61)  
• Bagayatkar Aditya Anil  
• Bhowmick Aaman Alok  
• Patil Janhavi Rajendra

Third Ranker (CGPA 9.48)  
Yerande Mayuri Shridatta

## Departmental Rankers

### SE Sem IV (Div A)

**First Ranker (CGPA 9.74)**

**Pore Shravani Rupesh Suvidya**

**Second Ranker (CGPA 9.87)**

**Maurya Sejal Rajeshkumar Seemadevi**

**Third Ranker (CGPA 9.74)**

**Santi Sushmita Thayappa  
Venkatamma**

### SE Sem IV (Div B)

**First Ranker (CGPA 9.35)**

- **Jadhav Ajinkya Nilesh Jyoti**
- **Singh Sumeet Kumar Madhuri**

**Second Ranker (CGPA 9.13)**

**Datir Ishwari Kamlesh Gauri**

**Third Ranker (CGPA 8.96)**

- **Pednekar MayureshShankar Snehal**
- **Tripathi Raghvendra Ramesh  
Mamta**



## Teacher's Corner

### Courses Conducted/Attended

- a. Asma Parveen I. Siddavatam conducted a lecture on “Research paper writing” for TE and BE students on 28th January 2023 , organized by VESIT.
- a. Asma Parveen I. Siddavatam conducted a Seminar on “ Blockchain Applications & Tools” for BE students on 22nd March 2023, organized by VESIT.
- a. Vidya Pujari and Kajal Jewani conducted Skill Enhanced Lecture on “Kubernetes” under Cloud Computing Lab for TE and BE students on 8th March 2023, organized by VESIT.
- a. Charusheela Nehete attended Faculty Development Program on “Social Media Analytics” from 2nd January 2023 to 6th January 2023 organized by VEIST.
- a. Vidya Pujari and Kajal Jewani attended STTP on "Data Analytics and Visualization" from 12th december to 17th december 2022 organized by Thadomal Shahani Engineering College
- a. Anil Ahir attended Faculty Development Program on “Linux Applications in Engineering Education” from 28th Nov 2022 to 02nd December 2022 organized by NITTR.
- a. Anil Ahir attended Faculty Development Program on “Social Media Analytics” from 2nd January 2023 to 6th January 2023 organized by VEIST.
- a. Jitendra Madavi attended Faculty Development Program on " Blockchain and DLT" from 2nd January 2023 to 7th January 2023 organized by VEIST.
- a. Jitendra Madavi attended Faculty Development Program on "Algorithmic trading using machine learning" on 11th March 2023 organized by VEIST.
- a. Bincy Ivin attended Faculty Development Program on " Social Media Analytics" held from 2nd January to 6th January 2023 organized by VEIST.
- a. Bincy Ivin attended Faculty Development Program on " Applied Data Science & Machine Learning held from 2nd Jan to 7th Jan 2023 organized by VEIST.

## Teacher's Corner

### Workshops/Courses Conducted

- Dr. Shalu Chopra attended an ISTE approved short-term training program on "Social Media Analytics" at VESIT from January 2, 2023, to January 6, 2023.
- Asma Parveen I. Siddavatam attended an FDP cum orientation on "Blockchain and DLT" at Xavier Institute of Engineering, Bandra, from January 2, 2023, to January 7, 2023.
- Anil Ahir attended an "Energy Literacy Training," a 12-modules workshop for understanding energy generation and its impact on the environment, at Vivekanand Education Society's Institute of Technology on March 11, 2023.
- Bincy Ivin attended an "Energy Literacy Training," a 12-modules workshop for understanding energy generation and its impact on the environment, at Vivekanand Education Society's Institute of Technology on March 11, 2023.

### Orientation Program/Refresher Training Attended

- Asma Parveen I. Siddavatam attended a one-day program on "Blockchain and DLT" (ITC801) on January 5th at Xavier Institute of Engineering, Bandra.
- Charusheela Nehete attended a one-day program covering "Social Media Analytics and Social Media Analytics Lab" (CSDC8023 and CSDL8023) on January 6th, 2023, at Vivekanand Education Society's Institute of Technology.
- Vidya Pujari attended a 5-day STTP on "Data Analytics and Visualization" organized by Thadomal Shahani Engineering College from December 12 to December 17, 2022.
- Anil Ahir attended a one-day program on "Social Media Analytics and Social Media Analytics Lab" (CSDC8023 and CSDL8023) on January 6th, 2023, at Vivekanand Education Society's Institute of Technology.
- Anil Ahir attended a 3-day STTP on "Digital Forensics" from February 10th, 2023, organized by Shah & Anchor Kutchhi Engineering College.
- Bincy Ivin attended a 5-day STTP on "Social Media Analytics and Social Media Analytics Lab" on January 6th, 2023, at Vivekanand Education Society's Institute of Technology.
- Bincy Ivin attended a 6-day STTP on "Applied Data Science & Machine Learning" from January 2nd to January 7th, 2023, organized by VPPCOE.

- Bincy Ivin participated in a 1-day FOP on "Augmented and Virtual Reality" on January 16th, 2023, at Vivekanand Education Society's Institute of Technology.
- Bincy Ivin delivered a research forum talk on "Sentiment Analysis for Text Review" on August 6th, 2022, at Vivekanand Education Society's Institute of Technology.

## Certification Courses

- Vidya Pujari attended the following certification courses:
  - "National Education Policy Implementation" - 1 Day on March 11, 2023, at Vivekanand Education Society's Institute of Technology. The course was a webinar on the perspective for affiliated and autonomous institutes.
  - "Performance Evaluation & Design of scalable job Recommender System Using Deep Learning Technique" - 1 Day on March 4, 2023, at Vivekanand Education Society's Institute of Technology. The course provided insight into the understanding of performance evaluation and the design of scalable job recommender systems using deep learning techniques.
  - "PREVENTION, PROHIBITION AND REDRESSAL OF SEXUAL HARASSMENT OF WOMEN AT WORKPLACE" - 1 Day on November 26, 2022, at Vivekanand Education Society's Institute of Technology. The course involved a session on the prevention, prohibition, and redressal of sexual harassment of women at the workplace.
- Anil Ahir attended the following certification courses:
  - "Systematic Approach for Publishing Research Paper, Indexing, and Citation" - 1 Day on December 7, 2023, at A.C. Patil College of Engineering, Navi Mumbai. The course was an FDP on the research and publication domain.
  - "Augmented and Virtual Reality" - 1 Week from February 20 to February 24, 2023, at Vishwakarma Institute of Information Technology, Pune. The course was a national-level FDP on AI & ML.
  - "National Education Policy Implementation" - 1 Day on March 11, 2023, at Vivekanand Education Society's Institute of Technology. The course was a webinar on the perspective for affiliated and autonomous institutes.
  - "Introduction to MATLAB for Deep Learning in Audio and Speech Applications" - 1 Day on June 24, 2023, organized by Mathworks, DesignTech System. An attended Mathworks webinar on the introduction to MATLAB for deep learning in audio and speech applications.



- Jitendra Madavi attended the following certification course:
  - "National Education Policy Implementation" - 1 Day on March 11, 2023, at Vivekanand Education Society's Institute of Technology. The course was a webinar on the perspective for affiliated and autonomous institutes.
- Bincy Ivin attended the following certification course:
  - "National Education Policy Implementation" - 1 Day on March 11, 2023, at Vivekanand Education Society's Institute of Technology. The course was a webinar on the perspective for affiliated and autonomous institutes.
  - "Blockchain and DLT" - 1 Week from January 2 to January 7, 2023, at Xavier Institute of Engineering, Mahim, Mumbai. The course was an ISTP approved FDP.

## Other accomplishments

1. Asma Parveen I. Siddavatam registered a startup company named "CPULSER PVT LTD."
2. Anil Ahir received an Appreciation/Participation Certificate from VES Library for participating in "Marathi Basha Divas."
3. Anil Ahir received an Appreciation/Participation Certificate from VES Library for participating in "NImbandh Lekhan Spardha."
4. Asma Parveen I. Siddavatam conducted a lecture for VESP (PASSOUT STUDENTS) students on "Admission@VESIT."
5. Charusheela Nehete served as a Subject Expert for NSF-UG Engineering Scholarship 2022 interviews on December 15, 2022, and February 25, 2023.
6. Vidya Pujari was involved in various activities:
  - Organized a "Technology Day" Project Exhibition event on March 20, 2023.
  - Conducted a session on "Steering the interview and Role of placement coordinator and its impact on career" on January 17, 2023, for TE IT students.
  - Participated in "Career Connect" on January 24, 2023, for TE IT students.
  - Contributed to "Bridge the Gap" on January 25, 2023, for TE IT students.

Hosted an IAF Visit on February 1, 2023.

Conducted a session on "Transaction Analysis" on January 31, 2023, for TE IT students.

Presented on "Human Behavior and its impact on Career" on February 3, 2023, for TE IT and other branches by TPC placement cell.

7. Anil Ahir coordinated the Alumni Meet for the IT Department on February 25, 2023.

## CONFERENCE /BOOK/BOOK CHAPTER

1. Dr. (Mrs.) M. Vijayalakshmi, along with Venkatesh Reddy, Aaditya Moykhede, Sahana Shetty, and Mugdha Sholapure, presented "Revolutionising Public Restrooms: Smart Urinal system with Ammonia detection and Automated flushing" at the 3rd International Conference on Soft Computing for Security Applications (ICSCS 2023) held at Dhirajlal Gandhi College of Technology, Salem, Tamil Nadu on April 17-18, 2023.
1. Ninad Rao, Shalaka Waghmare, V Krishnasubramaniam, Aamir Ansari, Sreekesh Iyer, and Aditi Singh presented "Data Validation for Eligibility Criteria and Death Benefit Claims for Insurance Policies" at the International Conference for Emerging Technology (INCET) in Belgaum, India from May 26-28, 2023.
2. Dr. (Mrs.) Shanta Sondur, Harmeet Singh Kathoda, Rohan Pol, and Mohit Kale developed "A virtual tutor to enhance the solving skills of school children using Performance Evaluation and Navigation System," presented at the ICT Analysis and Applications conference as part of ICT4SD 2022 on a digital platform on November 6, 2022.
1. Mrs. Charushila Nehete along with Aditi Khandagale, Nidhi Thakkar, Swarali Patil, Vaibhavi Jadhav presented "Jarvis-AI Based Virtual Mouse" at the IConSCEPT 2023 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication, held online on May 25-26, 2023.
1. Mrs. Jayshree Hajgude presented "Predicting Stock Price with Machine Learning and Virtual Stock Market" at the IEEE 3rd International Conference on Pervasive Computing and Social Networking (ICPCSI), held on June 19-20, 2023.

1. Mrs. Jayshree Hajgude presented "An Innovative Approach Towards Enhancing The Indian Higher Education Systems Using Blockchain" at the IEEE 2023 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT), held on May 25-26, 2023.
1. Vidya Pujari along with Rohan Padhye, Chinmay Thakur, Anurag Thakur, and Pratik Vartak presented "Smart Door Keeper" at the IEEE International Conference on Energy, Power, and Environment (ICEPE) held at NIT Meghalaya, Shillong, India from June 15-17, 2023.
1. Vidya Pujari, along with Rakshita Danee, Janhavi Mhatre, Yash Raje, and Simran Huddedar, presented "Navigating the Aisles: An Augmented Reality Solution for Gamified Indoor Grocery Store Navigation" at the International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2023) held at Pride Plaza Hotel, Ahmedabad, on April 27-28, 2023.
1. Sukanya Roychowdhury presented "Comprehensive FemTech Solution for Feminine Health" at the 2023 International Conference on Signal Processing, Computation, Electronics, Power, and Telecommunication (IConSCEPT) held at NIT, Puducherry, on May 25-26, 2023.
1. Sukanya Roychowdhury, along with Hingorani, B., Makhija, K., and Sharma, S., presented "Automated Toll System Using License Plate Identification" at the 7th International Conference on ICT for Intelligent Systems (ICTIS – 2023), as part of the Lecture Notes in Networks and Systems by Springer.
1. Mrs. Kajal Jewani, along with Krishna Kansara, Soham Shimpi, Hanish Valecha, and Raghuttam Parvatikar, presented "Planetary Structures Detection and Segmentation Using Deep Learning" at the 2023 4th International Conference for Emerging Technology (INCET), held online from May 26-28, 2023.
1. Mrs. Sneha Pakle participated in a conference, details unspecified, focusing on the effect of Digital Marketing Communication on Customer Buying Decision and a comparative study on the efficiency of E-recruitment using data mining techniques.



## Publications

1. Asma Parveen , "EDABBA – One Stop Solution for Everyday Meals" was published in the "International Research Journal of Modernization in Engineering Technology and Science" in April 2023. It's in Volume 05, Issue 04, on pages 3518-3522. The e-ISSN is 2582-5208.
1. Asma Parveen , "IoT and Machine Learning-Based Soil Quality and Crop Yield Prediction for Agricultural Systems" is featured in "SPRINGER Nature: Advances in Intelligent Systems and Computing." The publication date is April 17, 2023, and it appears in Volume 1449, pages 131-142. This international journal's online ISBN is 978-981-99-3608-3.
1. Sukanya Roychowdhury, "IoT with Smart Systems" was published on August 31, 2023, in Volume 720 of a journal by Springer, Singapore, on pages 577-586. This is an international publication..
1. Ravita Mishra, "Improved Inductive Learning Approach (IIILA-5) in Distributed System" appeared in the "International Journal of Intelligent System and Application In Engineering" in August 2023. It's in Volume 11, recognized as an international journal. The ISSN is 2147-6799.
1. Anil Ahir, "An Effective Memory-Mapped Key-Value Store for SSD" was published twice, first in the "International Journal of Scientific Development and Research (IJS DR)" in September 2022. It appears in Volume 7, Issue 9, on pages 494-495. This international journal has an impact factor of 8.15 and ISSN 2455-2631.
1. Anil Ahir, "Different Congestion Control Methodologies in WSN and Reducing Congestion Via Alternative Path Routing" was published in the "International Journal for Scientific Research and Development" in April 2023. It's in Volume 11, Issue 2, with an impact factor of 4.396. This international publication's ISSN is 2321-0613.

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## *Editorial Team*

### **Faculty Incharges:**

Mrs. Vinita Mishra

Mrs. Pooja Shetty

### **Data Acquisition and Processing Team:**

Tejas Samant (D20A)

Bharat Kodwani (D20B)

Jiya Santani (D15A)

Roshni Talreja (D15B)

### **Design Team:**

Noel Dason(D20A)

Nishtha Joshi (D15B)

Yogeshchandra Paranjpe (D15B)

Sairam Venkatesh(D10C)

Jai Talreja (D10A)