



इत्युक्ता ITYUKTA

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From The Professor's Desk

Dear All,

As you navigate your journey of educating yourself in the field of information technology, I want to share a few thoughts that I believe can guide you toward success. First, remember the importance of consistency, sincerity, integrity, and self-improvement. Consistency in your efforts will help you build a strong foundation and tackle challenges effectively. Sincerity in your work reflects your dedication, while integrity will earn you trust and respect—qualities that are essential not just in IT but in life.

Always seek ways to grow and improve. Technology evolves rapidly, and staying relevant means continually learning and adapting. Make it a habit to update your knowledge and refine your skills; it's an investment that will always pay off.

That said, I urge you to focus on discovering and nurturing your unique strengths instead of comparing yourself to others. Everyone's journey is different, and comparing yourself can often do more harm than good. Take the time to explore your abilities and channel them into something meaningful. Your potential is immense—you just need to believe in it.

Keep pushing forward, stay curious, and most importantly, stay true to yourself.



Abhishek Chaudhari
Assistant Professor

From The Editor's Desk

As we step into another exciting quarter, we reflect on our journey—embracing change, overcoming challenges, and growing stronger together.

This edition highlights our progress, new initiatives, and success stories, celebrating the dedication of every team member. Staying connected and engaged is key, so let's continue sharing insights, collaborating, and pushing boundaries.

Together, we drive success. Here's to another quarter of excellence!

Regards,
Editorial Team

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

Achievers

Winners at Smart India Hackathon 2024

We are proud to announce that our talented student team emerged as winners at the Smart India Hackathon 2024 (Software Edition), held on 11–12 December 2024 at IIT Gandhinagar. This prestigious event was organized by the Ministry of Education (MoE) and the All India Council for Technical Education (AICTE), and was open to innovative minds across the country. Representing our institute with exceptional skill and collaboration, the team—Darshan Khapekar (D12B), Shravani Rasam (D15A), Pranav Pol (D15A), Anuprita Mhapankar (D15A), Aadil Shah (D12C), and Shreyas Bagwe (D12C)—clinched the top position and a prize of ₹1,00,000.



Ethos – Northeast India’s Biggest Hackathon

We're proud to announce that team Big 4 Dawgs from VESIT emerged Winners (1st Place) in the Saptang ML Track at Ethos, Northeast India's premier hackathon, hosted by IIT Guwahati from 17th to 20th October 2024. The competition, organized by the Coding Club of IITG with Saptang Labs as the title sponsor, attracted students, professionals, and innovators from across the country.

The VESIT team—Avan Shetty (D15), Gouresh Madye (D12), Vivek Venkatachalam (D12), and Harsh Saindane (D12)—advanced through a competitive first round (held online from 9th to 29th September) with their MVP, and impressed judges in the finals with a fully functional product and impactful presentation.

They secured the top spot in their track and were awarded a cash prize of ₹50,000 along with exclusive goodies from sponsors.



Smart AI Hackathon Success!

I Love Hackathon – Bhubaneswar Edition On 1st December, the Smart AI Hackathon, organized by Smart Tech LLC, witnessed outstanding participation from talented individuals across various domains. Representing our department, Chinmay Chaudhari competed as a solo team and secured the 2nd Runner-Up position in this prestigious competition.

His exceptional performance earned him a cash prize of ₹10,000, highlighting his skills in AI innovation and problem-solving.

I Love Hackathon – Bhubaneswar Edition

The team secured the 2nd Runner-Up position in this prestigious competition, winning a cash prize of \$100!

Team Members:

- Chinmay Chaudhari(D15C)
- Shivpratik Hande(D15C)
- Dhairyash Jain(D15B)
- Swayam Raut (D15B)

The same team received a Special Mention for Outstanding Performance, earning exciting goodies as a reward!

Patent Recognition & Research Publication

A groundbreaking project titled “Indian Sign Language Recognition Using Deep LLM”, developed by Gargi, Sneha, Preeti, and Nidhi, has been recognized as patentable under the Utility Patent (Invention) category by the Indian Patent Office. This recognition highlights the project's potential to revolutionize communication accessibility.

Additionally, their research paper based on this work has been accepted for publication in the IJST Journal, further solidifying their contribution to the field of AI and accessibility.

VESIT Students Shine at NIT Silchar Hackathon 2024

A team of talented students from VESIT made a remarkable mark at the NIT Silchar Hackathon, held from 8th to 9th November 2024. The 36-hour hybrid-mode event, organized by NIT Silchar's Institution's Innovation Council (IIC) and open to students nationwide, focused on emerging technologies and real-world problem-solving.

Representing VESIT, the team comprising Aryan Kate, Shivpratik Hande, Dhairyash Jain, Sushant Tulsi, and Parth Takale achieved the title of 1st Runner-Up in the Web3 domain and received the Best Feasible Solution Award for their project “Traack.” Their innovative solution stood out for its practicality and impact, earning them a prize pool of ₹10,000.



Research Forum Activities

The Privacy Protection using Blockchain seminar, organized by the Research Forum of the Department of Information Technology in collaboration with VESIT's Innovation Council, featured Dr. Smita Bansod from SAKEC, Mumbai as the keynote speaker. The session explored blockchain's role in privacy protection, focusing on decentralization, immutability, and advanced cryptographic techniques like zero-knowledge proofs, ring signatures, stealth addresses, and the NTRU algorithm. Discussions highlighted real-world applications in cryptocurrencies, healthcare, identity management, and supply chains, demonstrating blockchain's potential beyond finance. Challenges such as scalability, regulatory compliance, and quantum security threats were also addressed. The seminar provided valuable insights into emerging privacy solutions, equipping participants with technical knowledge and analytical skills to tackle modern digital privacy concerns.



Skill Enhancement & Industry Interaction Series

How to Plan a Startup and Legal and Ethical Steps

Date: August 5, 2024

Organized by: Department of Information Technology, VESIT
Speaker: Mr. Hitesh Ahuja, Founder & CEO, Algocean Technologies

The Department of Information Technology at VESIT, in collaboration with the Internal Quality Assurance Cell (IQAC) and Institution's Innovation Council (IIC), hosted an insightful seminar on entrepreneurship. The session, led by VESIT alumnus Mr. Hitesh Ahuja, focused on the critical legal and ethical aspects of starting a business.

Key Highlights:

- Understanding business formation and legal compliance
- Managing assets and protecting intellectual property
- Real-world case studies and startup challenges
- Encouraging an entrepreneurial mindset

The seminar provided students and faculty with practical knowledge and skills to navigate the startup ecosystem effectively. The interactive session engaged 189 students and 7 faculty members, leaving attendees inspired and well-equipped for their entrepreneurial journeys.



Innovation/Prototype Validation – Converting Innovation into a Startup

Date:-August9,2024

Organized by: Department of Information Technology, VESIT

Speakers:

- Mr. Prashant Ghosh, Head of Technology, Wyld & Co-Founder, FundCorps
- Mr. Vishal Mody, Chief Technology Officer, LiquiLoans

The Department of Information Technology at VESIT, in collaboration with the Internal Quality Assurance Cell (IQAC) and Institution's Innovation Council (IIC), conducted a seminar aimed at educating students on how to analyze their innovative ideas and transform them into successful startups.

Key Highlights:

- Understanding the process of idea validation and startup formation
- Insights into the importance of innovation in entrepreneurship
- Case studies of successful Indian startups

Connecting academic knowledge with industry applications

The session witnessed enthusiastic participation from 214 students and 5 faculty members. The speakers shared their expertise on innovation, startup ecosystems, and real-world applications of technology in business. The event concluded with a vote of thanks by Mrs. Sukanya Roychowdhury.

Research Awareness

Date: August 23, 2024

Speaker: Dr. Ravita Mishra, Assistant Professor, Department of IT, VESIT

Organized by: Department of Information Technology, in association with IQAC and IIC, VESIT

The Department of IT at VESIT conducted a seminar aimed at fostering a research-oriented mindset among BE students. Delivered by Dr. Ravita Mishra, the session titled “Research Awareness” focused on the fundamentals of academic research, including effective writing techniques, article structuring, and the publication process.



Key Takeaways:

- Understanding the components of a research article: title, abstract, methodology, results, and conclusion
- Emphasis on ethical research practices and proper attribution
- Guidance on selecting appropriate journals and navigating the peer review process
- Importance of acknowledging research limitations and outlining future directions
- Practical tips for improving clarity, formatting, and structure in academic writing

The seminar provided students with actionable insights on conducting and presenting quality research. With participation from 110 students and 5 faculty members, the event was an important step toward strengthening VESIT’s research culture.

Cyber Security – Expert Session

The Department of Information Technology at VESIT organized an expert session on Cyber Security for TE and BE students on 18th October 2024. The session was conducted by Mr. Smitesh Valanju, Group Chief Information Security Officer at Tata Digital. Mr. Valanju shared valuable insights into the growing importance of cybersecurity in today's digital world, addressing real-world cyber threats, risk mitigation strategies, and enterprise-level security frameworks. The session aimed to bridge the gap between academic learning and industry practices, equipping students with awareness of practical security challenges. The event was coordinated by Dr. Shalu Chopra, Mrs. Anushree Prabhu, and Mr. Abhishek Chaudhari.

Computer Network Security

An expert lecture on Computer Network Security was held on 26th September 2024 for TE and BE students, featuring Dr. Smita Bansod, Assistant Professor at SAKEC, as the resource person. Dr. Bansod provided a comprehensive overview of network security principles, covering key topics like encryption, firewall deployment, intrusion detection, and secure communication protocols. The session emphasized the significance of secure networking in both academic projects and real-world applications. It was coordinated by Mrs. Anushree Prabhu, Mr. Abhishek Chaudhari, and Ms. Rohini Sawant, and received positive feedback from attendees for its practical relevance and clarity.

Placement Cell Activities

During the last semester, the IT Department's Training and Placement Cell conducted several impactful placement activities for second-year and third-year students, aimed at enhancing their skills and preparing them for future career opportunities.

For Second-Year Students:

- On 20th August 2024, the Eligibility and Resume Building session was conducted to provide valuable insights into industry expectations, resume writing techniques, skill development, and time management. This session helped students understand how to present themselves effectively in professional settings.



- On 23rd August 2024, the A Stepping Stone to Bright Career session was organized to equip students with career growth strategies, skill enhancement techniques, networking tips, and confidence-building exercises. This session laid a strong foundation for their future placement journey.



For Third-Year Students

- On 6th August 2024, the Skill Set Analysis and Resume Writing session, led by the Training and Placement Office (TPO), helped students assess their technical and soft skills while guiding them in crafting impactful resumes.
- On 8th August 2024, the Steering the Interview session was conducted to train students in effective interview techniques, covering aspects such as attitude, common questions, response strategies, and non-verbal communication. This session played a key role in boosting students' confidence and preparing them for recruitment processes.
- On 7th October 2024, the TPC Orientation Session was conducted to introduce students to the functioning of the Training and Placement Cell (TPC). The session provided insights into placement procedures, recruitment trends, essential skills for securing job opportunities, and the importance of professional development. It served as a roadmap to help students navigate the placement process effectively.
- On 28th January 2025, the TCS Leadership Connect was organized by the Training and Placement Cell in collaboration with Tata Consultancy Services (TCS). This event served as a bridge between industry and academia, where senior leaders from TCS engaged with students, providing insights into industry trends, artificial intelligence, automation, and career opportunities in the tech sector. The interactive session allowed students to directly interact with professionals, gaining clarity on industry expectations.



These placement activities have significantly contributed to students' professional development by enhancing their technical knowledge, communication skills, and overall employability. The IT Department's Training and Placement Cell continues to focus on equipping students with the necessary tools and industry exposure to help them excel in their career journeys.

QuestIT

The QuestIT Cell at Vivekanand Education Society's Institute of Technology (VESIT) successfully conducted multiple workshops during the academic year 2022-23, aimed at enhancing students' technical skills. Among these, the DevOps and Advanced DevOps Workshops for D15A and D15B, as well as the Java Workshop, were notable.

- The DevOps and Advanced DevOps Workshops were held on 28th & 29th July 2022 for D15A and 29th July & 1st August 2022 for D15B. The sessions took place in the IT Department classrooms and were conducted by senior students Aamir Ansari, Sreekesh Iyer, and Omkar Pawar under the guidance of Assistant Professor Kajal Jewani. Each session lasted two hours per day from 8:30 AM to 10:30 AM. The objective of the program was to introduce students to DevOps concepts, CI/CD pipelines, Jenkins, Maven, Selenium, and AWS services. The first day of the workshop focused on an introduction to DevOps, Jenkins, and automated testing using Selenium, while the second day covered AWS services and website deployment on the cloud. A total of 42 students attended Day 1 and 37 attended Day 2 in D15A, whereas 51 students participated on Day 1 and 36 on Day 2 in D15B. The sessions were highly interactive, with students engaging in hands-on activities. Feedback from attendees was overwhelmingly positive, with many expressing interest in similar workshops in the future.
- Another major event was the Java Workshop, conducted on 21st & 22nd September 2022 in Rooms B51 and B52 on the 5th floor of the institute. The sessions were led by V Krishnasubramaniam and Siddhi Murdas, final-year students with significant expertise in Java development. The workshop was aimed at second- and third-year students, helping them grasp fundamental and advanced Java concepts. The primary focus was on Java, DBMS, SQL queries, and web development using JSP and JDBC. A real-world project, Blogger's Site, was developed as part of the hands-on learning experience. The workshop received an excellent response, with 106 students participating on Day 1 and 56 on Day 2. The sessions were interactive, with a focus on real-world applications of Java and its connectivity with databases. Students found the workshop highly beneficial for their mini-projects and appreciated the structured approach taken by the speakers.



Overall, these workshops played a significant role in bridging the gap between theoretical knowledge and practical application. They provided students with industry-relevant skills, ensuring that they gained hands-on experience with cutting-edge technologies like AWS, CI/CD, and Java-based web development. The positive feedback and strong participation indicate a clear demand for more such sessions in the future, reinforcing QuestIT Cell's commitment to empowering students with essential technical expertise.

Students' Corner

Internships

- Shravanya Andhale is currently interning at Ediglobe as a Web Development Student, with the internship ongoing since August 10, 2024.
- Abhishek Radhyeshyam Chaurasiya is working as a Full Stack Developer Intern at Superkalam (Snapstack Technologies Pvt. Ltd.), starting from May 6, 2024.
- Bhoomi Mangesh Naik completed a Front-End Web Development internship at Raise Digital from March 1 to April 30, 2024.
- Anuprita Mhapankar served as an SDE Intern in the Technology Department at Teamlease Edtech for three months, beginning May 22, 2024.
- Kshitij Nangare is working as a Data Science Intern at HYRGPT, with the internship currently ongoing since May 22, 2024.
- Aditya Kirtane worked as a Front-End Developer using React.js at a self-named startup, from November 6, 2024 to January 6, 2024.
- VED V JOSHI completed a Cybersecurity Internship at Teachnook, which began on October 1, 2023.
- Jay Kerkar interned for 8 weeks in the Backend Development Department at Palcoa Solutions Pvt. Ltd., starting May 13, 2024.
- Abhinaya Danda is currently doing an internship in the Markets Department at Barclays India, from June 3 to July 26, 2024.
- Vedang V. Wajge is a Backend Development Intern (Python/Django) at XIRCLS - Altis Advance, from September to December 2024.

Certifications

- Krishna Dalvi from class D10C attended the workshop titled "Web Development by QuestIT".
- Nikhil Kale from class D10A attended the workshop titled "Road to Programming".
- Nikhil Kale from class D10A attended the workshop titled "Basic Photography Workshop".
- Nikhil Kale from class D10A attended the workshop titled "UNLEASHING INNOVATION: THE GENERATIVE AI REVOLUTION".
- Yash Navnath Chikhale from class D10C attended the workshop titled "ISA VR workshop".
- Yash Navnath Chikhale from class D10C attended the workshop titled "ISA Web animations workshop".
- Yash Navnath Chikhale from class D10C attended the workshop titled "Git and github workshop".
- Nupur Ghangarekar from class D10C attended the workshop titled "Unicode the chase".

- Saniya Chetan Kadam from class D10C attended the workshop titled "Basic Photography Workshop".
- Aditya Kirtane from class D10C attended the workshop titled "Data science and machine learning internship program".

Courses

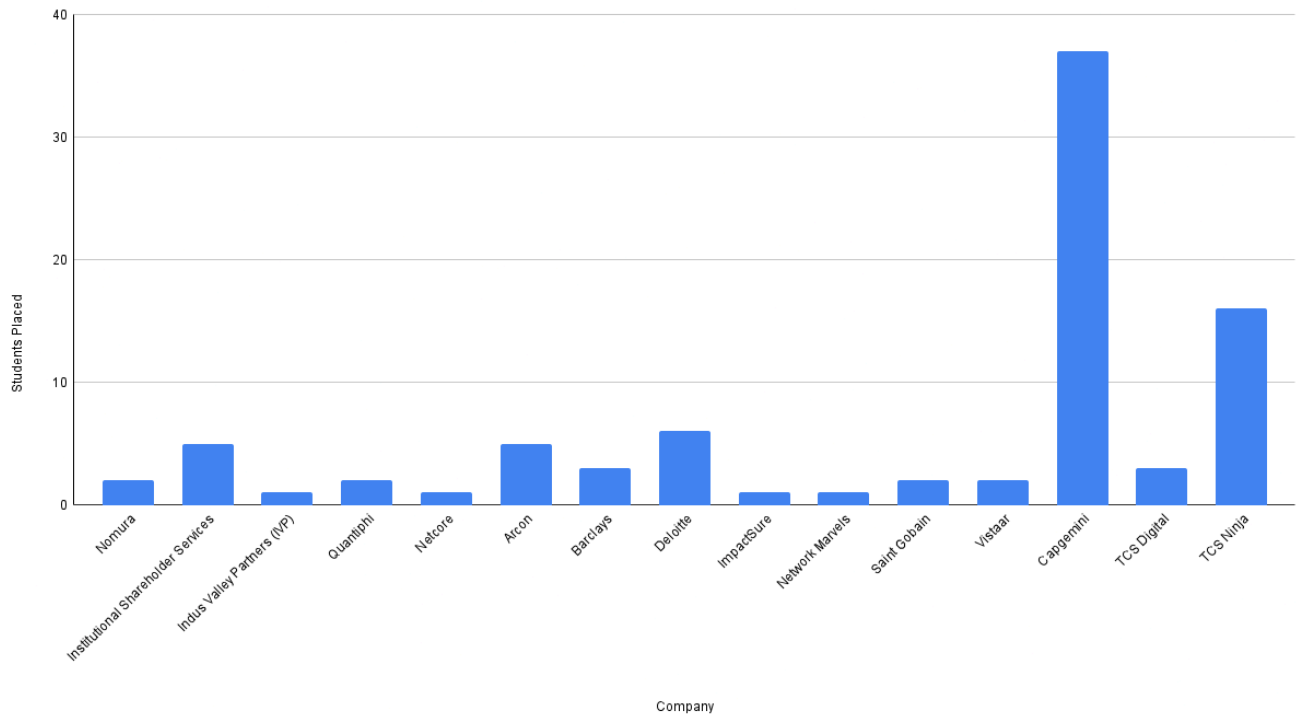
- Kunal Punjabi from class D15A completed the course titled "Introduction to Generative AI - Art of the Possible".
- Nikhil Kale from class D10A completed the course titled "Career Essentials in Generative AI".
- Nikhil Kale from class D10A completed the course titled "Networking Basics".
- Nikhil Kale from class D10A completed the course titled "Devops".
- Kshitij Nangare from class D10B completed the course titled "NPTEL - Introduction to programming in C - IIT".
- Kshitij Nangare from class D10B completed the course titled "Google Crash Course On python".
- Kshitij Nangare from class D10B completed the course titled "Learn Complete Python in simple way".
- Gargi Kishor Dhuri from class D10B completed the course titled "Introduction To Frontend Development".
- Saniya Chetan Kadam from class D10C completed the course titled "CYP (Common Yoga Protocol) Appreciation Course".
- Saniya Chetan Kadam from class D10C completed the course titled "ENERGY LITERACY TRAINING".

Other Achievements

- Prem Narayani from class D10C has a startup named "MANOR".
- Ved Joshi from class D10A has a startup named "Authentikos".

Placement Statistics

Students Placed vs. Company



Students Placed (INFT)

Jobs Offered	87(9)
Strength (Total)	136
Strength (Interested)	128
Total Placed	78
Second (or more) Jobs	9
% Offered (Strength)	63.9%
% Offered (Interested)	67.9%
% Placed (Interested)	60.9%
Minimum Salary	3.45 LPA
Maximum Salary	14.8 LPA
Average Salary	6 LPA
No of Companies	19

Teachers' Corner

Teachers Achievements

- Asma Parveen I. Siddayatam contributed to the book "Soft Computing for Security Applications" as a co-author along with Nidhi Bangera, Sanjana Bhardwaj, Bhavika Bulani, and Anusha Shetty. The book chapter was published by Springer.
- Asma Parveen I. Siddayatam attended a Six-Day ATAL Faculty Development Program (FDP) on Tools and Techniques for Modern Data Science from 18th December 2023 to 23rd December 2023 at VESIT
- Dr. Asma Parveen co-authored a book chapter titled "IoT and Machine Learning-Based Soil Quality and Crop Yield Prediction for Agricultural System" published in SPRINGER Nature: Advances in Intelligent Systems and Computing (Volume 1449, April 17, 2023) with an Online ISBN: 978-981-99-3608-3.
- Dr. Asma Parveen also conducted a session for INFT department students on "How to Prepare for Avishkar Research Convention" on November 23-24, 2023 to guide students in research and innovation.
- Dr. Ravita Mishra completed multiple specialized courses to deepen her knowledge in Generative AI and Machine Learning Operations (MLOps):
 - "Generative AI for Everyone" (3-week course) from DeepLearning.AI and Coursera, starting on 1st August 2024, covering an introduction to Generative AI, its applications, and practical uses.
 - "Generative AI with Large Language Models" (3-week course) from DeepLearning.AI, starting on 1st December 2024, which focused on real-life applications of Generative AI and an overview of various Large Language Models (LLMs).
 - "MLOps" (3-week course) from Coursera and AWS, starting on 9th February 2024, which introduced key concepts related to Machine Learning in Production, deployment strategies, and best practices.
- Dr. Ravita Mishra was honored with the Best Researcher Award at the "International Research Awards on Communications and Media Studies" for her Ph.D. research article published in Elsevier Transactions (2022).
- Dr. Ravita Mishra also served as an ATAL FDP Speaker on "Emerging Trends in Cyber Security and Digital Forensics" at Pillai HOC College of Engineering and Technology, Rasayani.
- Mr. Anil Ahir conducted a one-day webinar research talk on "Cloud Odyssey: Evolution, Challenges, and Innovations in Cloud Computing" on 28th February 2024 at Vivekanand Education Society's Institute of Technology. The session focused on the evolution of cloud computing, the challenges faced, and innovative solutions in the field.

Alumni Voice

Dr. A.P.J. Abdul Kalam once said, "The best brains of the nation may be found on the last benches of the classroom." YES, I was a backbencher during my incredible tenure at VESIT. The four years that I spent here will always be one of the best memories of my life. I am really grateful to the IT faculty as they indeed are the ones who have shaped my life by imparting their knowledge and always inspired me to dream, fight, and never give up. I have always received tremendous support from the IT department for helping me in pursuing my post-graduation in the US.

Also, the faculty has helped me a lot in developing a strong technical background using practical exams as well as improving my soft skills with the communication courses.

The advice I would like to share with my young fellow friends will be to use your college time to the fullest by focusing on the curriculum and enjoying your time as well by participating in tech societies, clubs, and cultural fests. The relationships that you will make here with your friends and professors will surely be one of the best memories of your life.



Pawan Tilwani
Salesforce Consultant,
Saberpoint, New York
2018 Passout Batch

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