REFLECTIONS

DEPARTMENT OF INFORMATION TECHNOLOGY

Vision of the Department:-
To be recognized as a centre of excellence in the field of Information Technology where learners are nurtured in a scholarly environment to evolve into competent professionals to benefit society.

Mission of the Department:-
• Evolve a curriculum which emphasizes on strong engineering fundamentals with the flexibility to choose advanced courses of interest and gain exposure to tools and techniques in Information Technology.
• Encourage a teaching learning process in which highly competent faculty share a symbiotic association with the institutes of repute.
• Facilitate creation and dissemination of knowledge through a digitally enabled earning environment.
• Develop academic and infrastructural facilities with modern equipment and other learning resources and encourage reciprocal sharing with other institutes through networking.
• Establish a centre of excellence to enhance academia – industry partnership and work on collaborative projects.

Programme Educational Objectives (PEOs) :-
1: Graduates will possess the fundamental knowledge, theoretical background and technical skills to lead a successful career in diverse domains.
2: Graduates will analyse real life problems and design technically sound, economically feasible and socially acceptable solutions in multidisciplinary domains to generate the employment by inculcating entrepreneurial spirit
3: Graduates will exhibit professionalism, ethics, teamwork, social awareness and agility through life-long learning.

WHAT'S INSIDE

ITSA Activity

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What is generative AI? Everything you need to know

PROF. DR. VIPUL DALAL

HEAD OF DEPARTMENT, INFORMATION TECHNOLOGY

Hello Everyone,

The new year has begun with new hopes and new challenges. The situation is back to normal, pre-Covid, state and the teaching learning process is also now back to offline mode for the upcoming semester. The admission process for the AY 2022-23 is over with 100% admissions for FE and DSY as well. Mean while faculty members have also completed exam related work. All are now gearing up for the coming semester. I would like to thank all my colleagues and the students for continuously contributing in the growth of the department. Many co-curricular activities are planned for the upcoming semesters which will sharpen various skills of the students and will help them become better learner. I wish a very Happy and Prosperous New Year to All.
Happy Leaning!!

> " The only time you fail is when you fall down and stay down.
> -Stephen Richards

ITSA ACTIVITY: Selenium Automation Testing

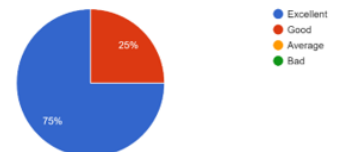DATE: 9th SEPTEMBER 2023
TIME: 10.30AM TO 12.30PM
Venue:M413

ITSA committee of the Department of Information Technology organised an event of Automation Testing using Selenium. Selenium is open source umbrella project for a range of tools and libraries aimed at supporting browser automation. The main aim of this event was to provide insights to the students about the automation technique using Selenium. The outcome of this event was that students will gain knowledge about automation testing and how to use selenium to implement the same. It also helped students with career opportunities in the software testing and development world.

The event was conducted by M/s. Chaitali Dewarde,an expert in Functional and Automation Testing working at Accenture and Ms. Bhanu Tekwani, Assistant Professor, VIT college.

Overall Event Feedback

How was your experience in the event ?
4 responses

Department Staff

Prof. Samuel Jacob
Assistant Professor

EDUCATION QUALIFICATION: ME (EXTC), University of Mumbai

WORK EXPERIENCE: 13 YEARS

AREA OF SPECIALIZATION: EMBEDDED SYSTEMS, VIRTUAL REALITY, IOT, ROBOTICS, AUTOMATION, AND ENTREPRENEURSHIP

Prof. Kanchan Dhuri
Assistant Professor

EDUCATION QUALIFICATION: Pursuing Ph.D. in INFORMATION TECHNOLOGY

WORK EXPERIENCE: 10 YEARS

AREA OF SPECIALIZATION: COMPUTER NETWORK, SECURITY AND IOT.

What is CHAT GPT ?

Generative AI is a type of artificial intelligence technology that can produce various types of content, including text, imagery, audio and <u>synthetic data</u>. The recent buzz around generative AI has been driven by the simplicity of new user interfaces for creating high-quality text, graphics and videos in a matter of seconds.
Generative AI is used in any AI algorithm or model that utilizes AI to output a brand-new attribute. The most prominent examples that originally triggered the mass interest in generative AI are ChatGPT and DALL-E.

Use cases for generative AI
•Implementing chatbots for customer service and technical support.
•Deploying deepfakes for mimicking people or even specific individuals.
•Improving dubbing for movies and educational content in different languages.
•Writing email responses, dating profiles, resumes and term papers.
•Creating photorealistic art in a particular style.
•Improving product demonstration videos.
•Suggesting new drug compounds to test.

Student's Speak

PURVA SHETYE, **TE INFT DIV B (BATCH 2021-2025)**

Having being liking maths and computer coding, I decided to choose engineering as my career options. In the 21st century if we are to look around in our society, we will see most of it displays several marvels of engineering, which shows why it is an important discipline. The field of engineering consists of a vast sea of knowledge whose boundary is infinite. And through the discoveries and breakthroughs made by engineers almost every day, the expertise and information keep growing.

As an engineering student, my life is a dynamic blend of academic rigor, collaboration, innovation, and practical experience. My days are filled with challenging coursework, late-night study sessions, and a constant quest to balance my academic responsibilities with my personal life. Group projects have taught me the value of teamwork and diverse perspectives, while the emphasis on innovation fuels my creativity. Sacrifices are inevitable, but they build resilience and discipline. Through hands-on experiences in labs and internships, I am learning to bridge theory with real-world application, preparing myself for a future where I can make a meaningful contribution to the world through engineering.

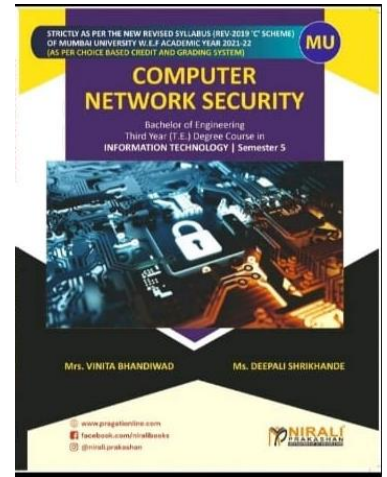# FACULTY ACHIEVEMENT: Book Publication

INFT department congratulates Prof. Vinita Bhandiwad and Prof. Deepali Shrikhande for publishing book on Computer Network Security under Nirali Publications.

What is " Academics Bank of Credits "?

As per National Education Policy 2020, the Academic Bank of Credits (ABC) has been envisaged to facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country with an appropriate "credit transfer" mechanism from one programme to another, leading to attain a Degree/ Diploma/PG-diploma, etc.,

Features

- Allows academic institutions to lodge and maintain the integrity of the credits

- Maintains the authenticity and confidentiality of student credits

- Easy credit transfer through digital mode

- Faster credit recognition

Know an Alumnus

Sandesh Arote,(BATCH 2016-2020)

I as an engineering student alumni of VIT, am eager to share some insights from my journey. First, embrace lifelong learning as our field evolves constantly. Staying up-to-date is vital for success. Second, build a professional network and nurture relationships with colleagues and mentors. Your connections can lead to opportunities and collaborations you can't achieve alone.

Most importantly, never lose sight of the positive impact you can make as engineers. Whether you are addressing environmental challenges, enhancing healthcare, or improving infrastructure, your work has the power to leave a lasting, positive mark on the world. Your journey as engineering students is just the beginning, and with determination and passion, you are poised to achieve great things.At VIT, I have made connections that I cherish which has helped me to become better person.

Presently, I am working as an Prompt Engineering, SAP Labs India. The seeds of the right skill sets to reach here had been build during my these 4 years at VIT.
I will always be thankful to VIT for letting me spend best years of my life.

EDITORIAL TEAM

PROF. Bhanu Tekwani

Chief Editor