



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 learning 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.

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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 Learning!!



“The only time you fail is when you fall down and stay down.
-Stephen Richards”

ITSA ACTIVITY: CYBER SECURITY AND Z-SCALER 101

DATE: 05th NOVEMBER 2022
TIME: 11.00AM TO 2.00PM
Venue:M413



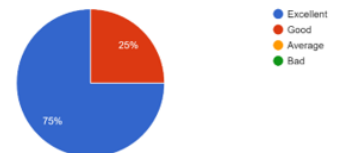
The seminar was organized by ITSA and conducted by Cybersecurity expert Mr. Kunal Pawar who works at Infosys Pvt Ltd as a System Engineer. The host of the event Miss. Mrunmai Patil introduce about speaker and event. At first it was an intro related to topics like 'what is cybersecurity', 'what is cybercrime' and how is the static data related to this area increasing during the covid pandemic? In short, the terms you need to get started with cybersecurity are explained by Mr. Kunal. After an in-depth introduction to the topic like VPNs, IP addresses, Security Protocol and Mac address routing,

Mr. Kunal explained the pros and cons of this technology and how his cyber-based company Z-Scalar tried to solve the problem with his cyber knowledge also introduced some advanced tools, concepts and basics of CIA(Confidentiality Integrity and Availability) services provided by company. After about one hour and half later, guest speaker posed cybersecurity questions and doubts to all attendees. At the same time, based on these questions, he explained new technical concepts such as virtual databases, cloud computing and what is metadata. How the security architecture of z-scalar works. The last part and perhaps the most interesting part in which guest ask specific questions about how to hack certain systems and has participants answer those questions. What are the possible attacks against a particular system and what measures are in place to prevent this. Overall, Session was quite informative and helpful to gain knowledge related to Cybersecurity field and also amazing response from participants was another reason for the success of event.



Overall Event Feedback

How was your experience in the event ?
4 responses



Department Staff



Prof. Debarati Ghosal
Assistant Professor

EDUCATION QUALIFICATION:
Pursuing Ph.D. in INFORMATION TECHNOLOGY

WORK EXPERIENCE: 13 YEARS

AREA OF SPECIALIZATION:
WEB TECHNOLOGY, MACHINE LEARNING AND CLOUD COMPUTING

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 ?

ChatGPT is an artificially intelligent chatbot developed by OpenAI Inc. and it is based on GPT-3.5, It is a language model that uses deep learning solutions to theoretical essays. ChatGPT has unique memory; it can produce human-like text it can respond to everything from stories, Mathematical remember earlier comments in a conversation and recount them to the user. This chatGPT can respond to everything from theoretical essay questions to mathematical solutions, it can respond not only to short questions but also stories.



FEATURES:-

- It can understand and respond in the natural Language.
- This technology uses deep learning to produce human-like text that can respond to everything from stories, Mathematical solutions to theoretical essays.
- ChatGPT can remember earlier comments in a conversation and recount them to the user with its unique memory.
- Its intelligence can provide a detailed answer to historical arguments to poems on any topic.
- In comparison to its predecessor, InstructGPT, ChatGPT attempts to reduce harmful and deceitful responses to the users.
- ChatGPT was developed in such a way that it uses reinforcement learning from human feedback.

Student's Speak

ROHINI MALLADI, BE INFT DIV A (BATCH 2019-2023)

Engineering life is a smooth ride once you get into your college.' This was what I was told when I asked some of my elder friends about how I should go through the 4 years in college. Little did I know that it wouldn't be anything close to a 'smooth ride'. I would describe my college life as a rollercoaster ride. But going through it felt like a cake walk because of the professors who were always ready to help and the good friends that I made. First year was a breath of fresh air. New campus, new friends, new professors, new habits and much more. The shift of mindset from school to college was very smooth with the help of our supportive teachers.



We had just entered our second semester and that was when the pandemic hit India. We all were concerned about our studies at first, but VIT made the transition from offline to online very easily. Though the classes were being taken online, our professors made sure to keep us engaged by conducting different competitions, taking pop quizzes, hosting guest lectures and many more such activities. It seemed like the two years in pandemic went past within a blink of an eye. Once the offline classes started, me and my classmates were more than happy to spring back into the classrooms, meet our professors and to just get back to the normal. The extracurricular activities like participating in committees and the student council gave us life lessons on handling different types of people, working as a team, and much more. The opportunities for participating in various hackathons and competitions made a healthy competitive environment in the college. Winning and losing didn't matter after all. At the end of the day, it was about these life changing experiences which were helping us shape our life for the coming years. To sum it up, the 4 years of college life was like an adventure trip with moments to cherish for a lifetime. The relations developed over time with professors, projects, assignments, friendships, canteen food, last minute submissions, talking with friends over a cup of chai, exams, events, and everything else in between. It is not just about the degree, it is about the moments which all of us are going to cherish as golden memories. It is about the precious lessons we learnt with these experiences. These four years of engineering were undoubtedly the best four years I could ask for.

FACULTY ACHIEVEMENT: NPTEL DISCIPLINE STAR

INFT department congratulates Prof. Rasika Ransing for being recognized as "NPTEL Star", as she has completed 5 courses in the discipline of Computer Science and Engineering in a span of 2 years.

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

ARPIT VAISHYA, (BATCH 2016-2020)

The four years at VIT have been among the best years of my life owing to the departmental and supervisory support granted by the professors. To be nurtured and encouraged like their own kin, was a deeply satisfying feeling that I have had studying under them. Furthermore, an exquisite blend of highly educated faculty members of varying ages in INFT Department, who thrive for their pupils' excellence by pushing us beyond limits, is a remarkable trait that only a few possess. Marvellous use of technology to blend with its ease of learning and accessing by using inhouse systems such as VRefer, VLive, VPrint had always helped me to stay ahead of time. Friday Paathshaala activities had always brought me closer to my friends and build a family within.



Presently, After completing my 2 years of graduation, I am working as an Engineering Team Lead at AjnaLens and building immersive products in XR Domain. 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. ICHHANSHU JAISWAL

Chief Editor