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.

WHAT'S INSIDE

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 • Prof. Vinita Bhandiwad
 • Prof. Samuel Jacob

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 • Hrishika Samani

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Alumnus Talk
 • Payal Naik

PROF. DR. VIPUL DALAL

HEAD OF DEPARTMENT, INFORMATION TECHNOLOGY

Hello Everyone,

The current academic semester will be ended on 23rd of April 2022 for TE and BE; and for SE on 30th April 2022. The entire semester was quite eventful for the Department, especially the month of March 2022. On 4th and 5th of March 2022, the UGC autonomy team visited the campus and from 25th March 2022 to 27th March 2022, the NBA team was on campus. All the faculty members worked very hard and enthusiastically for the preparation of both the visits. The result of the autonomy team visit is already out, and the Institute is awarded with autonomous status from the next academic year for the duration of 10 years.

The result of the NBA team visit is awaited, and the Department is hoping to get accredited for the duration of 3 years. The students and the faculty members of the Department faced many challenges on the academic front as clear guidelines weren't available from the University of Mumbai regarding the mode of conducting classes. The preparation for the autonomy team visit and NBA team visit was also a reason for these challenges. For the majority of the current semester, classes were conducted in hybrid mode with lectures being conducted online and the practical being conducted in offline mode. Now all the students are gearing up for the end semester examinations. I wish them best of luck for the same.
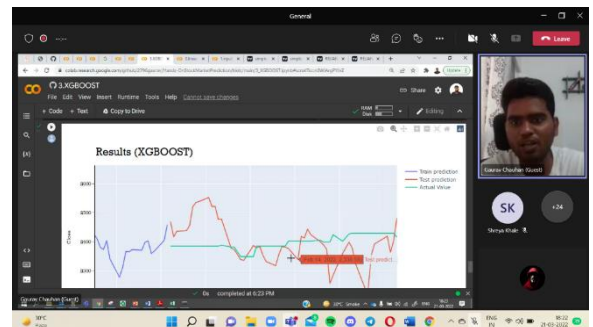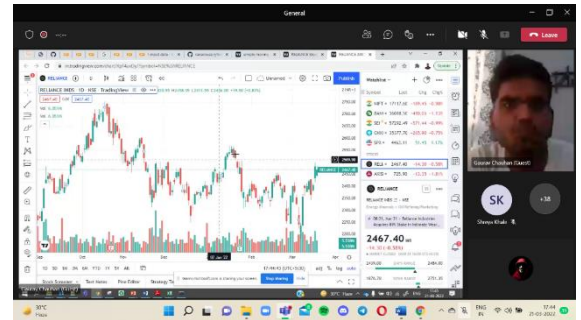
> " The only time you fail is when you fall down and stay down.
> -Stephen Richards "

ACM ACTIVITY: HANDS ON DATASCIENCE-STOCK MARKET PREDICTIONS

DATE: 21-22 March 2022
TIME: 5 pm to 6.30 pm
VENUE:MSTEAMS

Association for Computing Machinery

"Hands-on for Data Science- Stock Market Prediction" by Mr. Gaurav Chauhan (Data Scientist at Bajaj Allianz General Insurance). He started his introduction first and people were glad to know that he was a pass out from Vidyalankar Institute of Technology in 2018. During the Hands-on "Data Science in Stock Market," Mr. Gaurav Chauhan introduced us to the basics of Data Science, the uses of Data Science in various fields. He explained Data Science, by providing theoretical as well as relatable examples. Firstly, speaker asked who all have done expertise in Python language as Python is the most important language to learn Data Science and also he asked how many of us have a brief idea about the stock market and how the stock market works. Students very eagerly answered all his questions and there was a healthy one-to-one session. During the workshop, students got a chance to talk about their queries regarding this field Data Science in simple words is a field of study that uses data for various research and reporting purposes to derive research and reporting purposes to extract information out of the data.

He started explaining the Time Series in Data Science. So Time Series is a sequence of data points that occur in successive order over some time. Some examples of time series data are- Health Care Industry – Blood pressure monitoring Environment- Global Temperature and air pollution levels Society- Birth Rates over some time, Population, etc. Around 80 Students attended the session and students got overview and hands on Data Science concepts using python.

Department Staff

PROF. VINITA BHANDIWAD
ASSISTANT PROFESSOR

EDUCATION QUALIFICATION: PURSUING Ph.D. IN ELECTRONICS& TELECOMMUNICATION ENGINEERING

WORKING EXPERIENCE: 8.5 YEARS

AREA OF SPECIALIZATION: COMPUTER NETWORK, CRYPTOGRAPHY,CYBER SECURITY, COMPUTER SECURITY

PROF. SAMUEL JACOB
ASSISTANT PROFESSOR

EDUCATION QUALIFICATION: M.E. IN ELECTRONICS& TELECOMMUNICATION ENGINEERING

WORKING EXPERIENCE: 22 YEARS

AREA OF SPECIALIZATION: SOFTWARE ENGINEERING, MACHINE LEARNING, DATA ANALYTICS

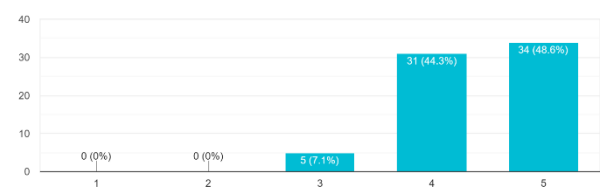# ITSA ACTIVITY:WEBINAR ON BLOCK CHAIN

The purpose of this webinars is to get the students acquainted with the current use of technologies and how blockchain technology is used and how it has changed the banking and other means of transactions. Blockchain is an upcoming idea, and it has also been growing as an upcoming career providing many job opportunities to the new freshers who are looking for jobs in this field. Blockchain is also used in the world of crypto currencies and in various other such as money transfer, insurance, and real estate.
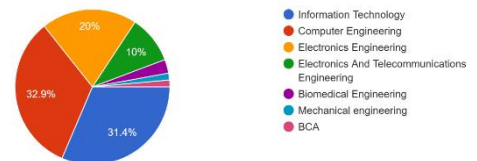

EVENTS DETAILS:
- On February 12th, ITSA in association with Wylo conducted a webinar for the students which focused on the introduction to the new iteration to the world wide web i.e Blockchain.
- ITSA invited Mr. Jetso Analin as the keynote speaker of this breath-taking webinar.
- The hosts started the webinar with a brief introduction of our guest Mr. Jetso, followed with a warm welcome and appreciation towards the work he has done in the industry of Blockchain.
- He advised the attendees to maintain consistency and staying updated with the latest technology.

Student's Speak

HRISHIKA SAMANI, **TE INFT DIV B (BATCH 2020-2023)**

VIT is much more than a college. It is a community, an ideal, an emotion and a home to hundreds. We have an abundance of growth and learning opportunities that cater to every child's needs. I took this opportunity and joined a few student chapters. Communication, ethics, teamwork, public speaking are just some of the many skills I have sharpened in my time at college. The unexpected hit of COVID impeded the plans of millions. However, VIT, through e-learning has done a phenomenal job! We had lectures online in full swing and our teachers voluntarily helped us get acclimatized to these sudden changes.

Getting work done and studying without stepping foot on campus felt surreal. Webinars, competitions and quizzes were all conducted online by various student chapters. Being the Literary Secretary of the Student Council, we saw the full support of teachers in online mode. VIT collaborated with edX and Coursera and offered plenty of courses to students from a wide spectrum of topics in order to ease into the virtual study mode. There was a time when I did not achieve something I had aimed for; however, a professor alleviated me by saying "A winner is not a person who never fails, but a person who never quits". It is rightly said that college prepares you NOT for examinations, but for life. Our teachers have always helped us grow and encouraged us to look beyond the set boundaries and there is no doubt that I cherish the journey I have had at VIT. We all eagerly wait for college to start full-fledged offline so that we can continue making new memories like we did in our first year!!
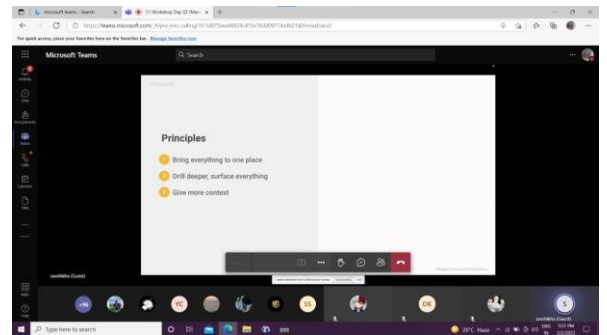
ACM ACTIVITY:UI/UX DESIGN WORKSHOP

DATE: 01-02 FEBURARY 2022
TIME: 5 pm to 7.00 pm
VENUE:MSTEAMS

Association for Computing Machinery

"Workshop on UI/UX Design" by Mrs. Shikha Verma (MDes in Interaction Design from IIT, Bombay, Worked at Google as Intern, Presently working as Full-time in Microsoft). During the webinar on "UI/UX design" Ms. Shikha Verma, UX designer at Microsoft, with aM.Des. from IIT Bombay explained about the basics of UX design, use of UX design. She explained UX design, by providing theoretical as well as relatable examples. During the workshop students got a chance to talk about their queries regarding this field.

She also explained that how do they design user experiences? It can be done by using design thinking process. Design thinking is a non-linear, iterative process that teams use to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test She also explained the ways of Designing changed with time During industrialization and mass manufacturing, machines have slowly made away in our life. Initially, the people were taught how to use them after the machines were built. But with times there was a paradigm change, people understood that there was a need to change. They started to understand people first and then built a machine, this change didn't happen overnight it took a scale to change the focus and ideology of the people.

Know an Alumnus

PAYAL NAIK,(BATCH 2014-2018)

College is the place where one can get higher education for achieving his or her career goal. College is indeed necessary for each one. Thus for a successful career, the student needs knowledge, confidence, academic and technical skills, leadership skill, career opportunities, social skills and many more. I can surely say you get all these qualities once you join VIT. When I took admission to this college, I was afraid as all environment and the people were new to me. But in very short span of time, I started enjoying my college life. All faculty members are helpful, supportive, friendly that they encourage us to explore new things

There are many curriculum and non-curriculum activities, seminar, workshop conducted by different VIT committee which help us to keep updated with latest technology. Apart from studying every year Annual Fest organised by VIT which has various activities, competitions happen. These fests allow us to socialize with new people and showcase talent to everyone which helps to builds confidence. I can proudly say VIT environment is something in which one can get a versatile experience which is not avoidable for a successful life. Today I am working with one of the reputed organizations because of VIT only. I am always grateful and thankful to our faculty for making us. I am very lucky to be part of this college and very proudly say I AM VITian

Editorial Team

PROF. ICHHANSHU JAISWAL
Chief Editor