

Inside this Issue

PAGE 2

Faculty Profiles-

Prof. Santosh Tamboli

Prof. Rohit Barve

ITSA Activity: Reverse Coding

PAGE 3

Know an Alumnus - Asmita
Wani

Students Achievements

Faculty Achievement

PAGE 4

Upcoming Event: ICAITR 2021

Student Achievement

Student Speak - Journey at VIT
Student Spotlight

DEC 2020 EXAM TOPPERS

VIT congratulates following
student for scoring highest
marks in BE SEM VII



Shreya Pattewar

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newsletter copy



HOD SPEAK



Prof. (Dr.) Deepali Vora
Head of Department

New Academic year started from end of January 2021 and will continue till May 2021. New online academic semester started with a hope that pandemic situation will slow down. The semester started with orientation by various teachers about the subject and the teaching methodology to be adapted for the same. Regular lecture practical are conducted in online mode with various tools available to conduct the lab part. Technical committees conducted their events in online mode with a good response by students. Department has planned for the International Conference based on the theme 'Industry 4.0'. Many students have bring fame to department by winning in prestigious events like Ketan Patil won TCS hackathon, Deepankar Bade was among the 24 from 50000+ participants to win the AICTE internship program at national level. Another student team won Hackathon and won the cash prize of 25000 and many other prizes. Students are doing their best in online mode and are encouraged by the department faculty. The exams are scheduled from May 2021 onwards. I wish all the students best of luck for the same.

ACM Activity: Workshop on Machine Learning .

The workshop was conducted by Mr. Ali Mustafa (Training Specialist of ML, Cloud and Software Innovator at Intel) During the webinar on "Machine Learning" Mr. Ali Mustafa, training specialist of ML explained about the importance of ML, and its techniques. He explained how to build a model with the help of a real-life example which gave a better understanding. During the workshop students were given a chance to talk with an industry person like him who knows the professional world better Machine Learning is basically an approach used in the branch of artificial intelligence(AI) to improve the performance of a task with experience over time. The process of learning begins with observations or data, such as examples, direct experience, or instruction, so that to look for patterns in data and make better decisions in the future based on the examples that we provide. In this, the primary aim is to allow the computers to learn automatically without human intervention or assistance and adjust actions accordingly. How machine learning works? 1. Select and prepare a training data set. 2. Choose an algorithm to run on the training data set 3. Training the algorithm to create the model 4. Using and improving the model .It was a very helpful Webinar for the beginners to understand the basics of ML and how ML and AI are related as the Speaker took a very interactive and logical flow of examples to understand different concepts related to ML.



20th March 2021
11:00 am to 1 pm
Venue: MsTeams

Quotes of the Quarter

"To raise new questions, new possibilities, to regard old problems from a new angle, requires creative imagination and marks real advance in science." - Albert Einstein

"The only man who makes no mistakes is the man who never does anything." - Theodore Roosevelt

Prof. Santosh Tamboli



Department : Information Technology

Designation : Assistant Professor

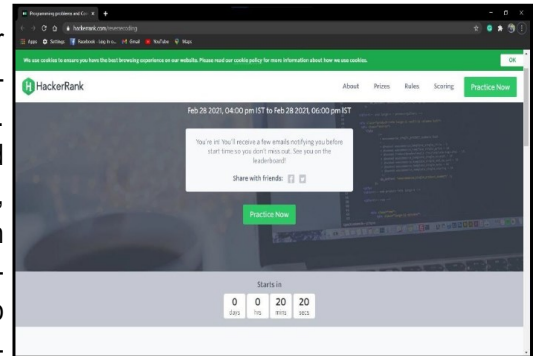
Educational Qualification : Ph.D Persuing

Area of specialization: Data Science, Cyber Security, Algorithms and Computer Graphics

Experience: 18 years

ITSA Activity: Reverse Coding.

A technical event with a concept far different than any hackathon which would benefit students to improve their technical skill sets. Such programming competitions are conducted by various tech companies including Capgemini, Infosys, Microsoft, Google and students can directly benefit by participating in the competition. The purpose is to provide opportunities to students to enhance their existing skills. Questions are mainly based on logical thinking and a few applications of Data Structures and Algorithms. Reverse Programming is included which is a process of coding an initial application or unctional portion without an upfront design through an inventive top down process. In competitive programming participants have to figure out the logic in the given way by trying various outputs from given file and after figuring out the logic, they will have to write an efficient algorithm to pass all the test cases



28th February 2021
4:00 pm to 6:00 pm
Venue: HackerRank

Event Summary:

- The registration of 428 participants made this event a startling hit. Under the guidance of Professor Rohit Barve, this coding competition was conducted on an online platform named HackerRank.
- A set of questions being given , the participants were asked to solve these questions.
- An amazing fact about these questions were they had different levels of difficulty for each question in the entire set.
- This was an innovative, intuitive, logic and mind-puzzling competition where math was intertwined with coding and reverse coding logic would help in boosting the complex problem-solving abilities of participants
- Every question was based on logic and coding making this competition exceptional and the winner a person with spectacular knowledge and experience.
- The participation by students from every year of degree gave this event a momentum.

Prof. Rohit Barve



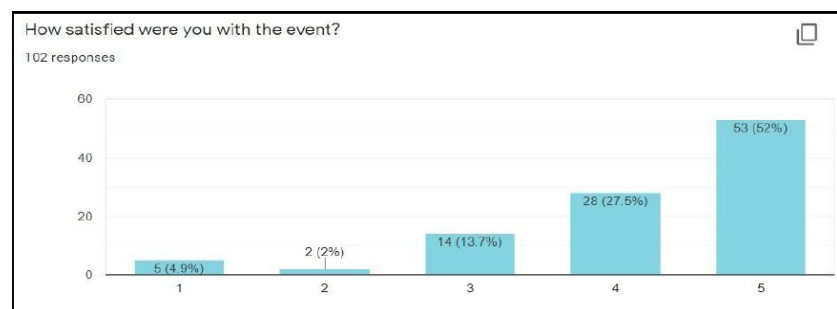
Department : Information Technology

Designation : Assistant Professor

Educational Qualification : ME in Information Technology.

Area of specialization: Database, Theory of Computations, Data Science

Experience : 10 years



Secrets of Excellence

“I am not handsome but I can provide hand to someone who is in need”-APJ Kalam

“Reflection in water cannot be seen when it is boiling similarly true character of person can never be seen when he is angry-Unknown

Know an Alumnus



Asmita Wani Batch of 2015-2019)

VIT, for me, is a place where bright minds come together and are molded into professionals with high discipline, technical knowledge, and a dynamic personality. I studied under some of the most inspiring professors in VIT who left an impact not only on my professional career, but personal values as well. For a student from a vernacular background, active campus life of VIT provided an opportunity to interact easily with my peer. Being a part of a committee in VIT increased my technical knowledge but taught me some life skills like understanding team dynamics, pushing oneself out of the comfort zone, and working efficiently on a common goal. I understood the logic behind solving the problems, which helped me in my further education as a master of business administration. In today's world, the demand of techno-managers is high. Though the domains of engineering and MBA are different, the knowledge that I took from VIT helped me in my MBA as well. I want to thank VIT for the 4 years of knowledge, fun and memories.

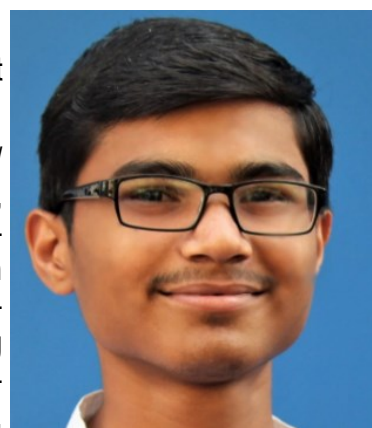
INFT Department: Student Achievement

INFT department congratulates Ketan Patil TE SEM 6 INFT student for TCS-Talent Marketplace Hackathon 2020 was organized by TCS (Tata consultancy services) campus commune team in December 2020. Problem statement of the hackathon was to Find suitable candidates for project, based on required skills of projects and candidate's skills using machine learning algorithms. Hackathon was comprised of 2 rounds:

Round 1 - Submitting the solution - CSV file with details of candidates matched to the project opportunities.

Round 2 - Students shortlisted from round 1 to submit their code and readme files (workbooks).

My steps to determine the solution (<https://github.com/Ketan2010/TCS-Talent-Ocean>) includes data extraction, data cleaning, data manipulation, calculation of matching factor and data visualization. I enjoyed working on solution, successfully completed two rounds and declared as a grand winner of the hackathon. My winning solution were evaluated on multiple parameters including innovation of approach, Implementation Feasibility, Emerging digital technology leverage, Exhibition of Knowledge in AI/ML, Relevance to theme and real world applicability. I would like to thank all my teachers for support and guidance. A winner never stops trying, long way to go!!



INFT Department : Faculty Achievement

INFT department congratulates Prof. Yash Shah for securing Distinction marks in Teaching Pedagogy Module 1 organized by AICTE and conducted by SWAYAM (NPTEL).

Ministry of Education Government of India		AICTE All India Council of Technical Education		NATIONAL TESTING AGENCY Excellence In Assessment	
NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (NITTT-2021)					
Roll Number	NTANITTT21290	Registration Id	20202102385		
Candidate's Name	YASH SHAH	Father's Name	Deepak		
Mother's Name	Trupti	Date of Birth	1993-07-29		
PwD (Persons with Disability)	No	Gender	Male		
DETAILS OF MARKS					
Modules	M 1				
Modules Name	Orientation towards Technical Education & Curriculum Aspects.				
Maximum Marks	100				
Total Marks Obtained	80				

Secrets of Success

"Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful." - Albert Schweitzer

"Success is not an sense of attainment that you always desired but rather a sense of satisfaction that you receive!"

Upcoming

Event: International
E-Conference on

ADVANCES IN INFORMATION TECHNOLOGY & RESEARCH (AICTE Sponsored*) (ICAITR-2021)

Organized by Department of Information Technology on 31 May 2021—01 June 2021

Tracks:

- 1.Applications of AI and ML
2. Industry 4.0 Applications
3. Data Communication and Edge Computing
4. Information and Cyber Security
5. Electronic Surveillance and IoT

Mode of Conduct: Online

Platform: MsTeams

Important Dates:

Call for Paper: 01 March 2021

Acceptance Deadline:05 April 2021

Registration:10 May 2021

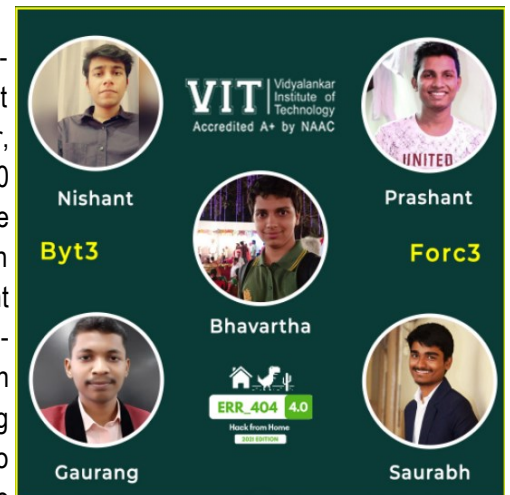
For complete details refer Conference Website:

<http://www.icaitr.cf/> OR

Email: icaitr@vit.edu.in

INFT Department : Student Achievement

INFT Department congratulates following TE-INFT students Bhavartha Khawale, Prashant Channe, Nishant Pandey, Gaurang Keluskar, Saurabh BaLengare ,for winning ERR_404_4.0 hackathon organized by M.H Saboo Siddik College of Engineering on 20th and 21th March 2021 with prize money of 25,000 Rs. For Problem Statement Given one input, a general search term such as Mutual Fund, Union Budget 2021, LIC, UPSC, Elon Musk etc. The aim is to find all the questions being asked by the public online in recent days related to the searched term. The data scraped is to be cleaned, classified, and sorted according to relevance and frequency of the question and stored in suitable format or displayed on the browser. Output could be JSON, Excel or List, whichever is feasible in Domain of Machine Learning having 2 Rounds. In ERR_404_4.0 we made an API and Web App to find most buzzing questions related to any query/keyword using Tensorflow. We scraped data from multiple sources and combined the result and made complete solution for the problem statement.



Student Speak—Journey at VIT

VIT The college of my choice! While preparing the list of colleges to be submitted during the admissions VIT was at the top of the list. I was suggested this college by one of my jr college teacher's. For all the guidance, quality teaching and great opportunities in career, I paved my way towards engineering in this college.

The 4 years of experience over here was much more compelling. The student centric approach helped students in its best possible way to complete the academic exams with flying colours. This counts to what was integral part of degree program, but things were even more happening in VIT, each and every week we had some interesting activities like Friday pathshala promoting more interaction, the technical events coming up like almost every month to enhance our skills and make us more competitive and the internship assistance was the most a student could have asked for.

Along with me I have seen my friends and classmates creating memories inside this beautiful infrastructure of college as well as in the class when the professors taught us to engineer our brains to be a better Engineer. From our first day of college when we were confused how to correctly read the schedule and find our lecture/time/correct classroom, to this day when we are putting our efforts and cracking the interviews to be placed in good companies that visit the campus, the journey has been illuminating. Thanks VIT for being such a great support.

Tejaswini Bhosale (BE-INFT, DIV A, Batch: 2017-2021)



Compiled & Edited by - Prof. Ichhanshu Jaiswal