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DEC 2020 EXAM TOPPER

VIT congratulate following stu-
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Sem V

Janhvi
Mukane



Scan this QR Code for previous
Newsletter copy



HOD SPEAK



Prof. (Dr.) Deepali Vora

Head of Department

The coronavirus COVID-19 pandemic is the defining global health crisis of our time and the greatest challenge we have been facing since a year. This quarter second wave struck again. But within a year everyone has got acquainted with online teaching and learning. Students in a true sense have taken major benefit of it and learned to multitask with studies, projects, and internships quite well. Online exams also have been streamlined and lot of efforts are being put by faculties to conduct them smoothly. In this quarter, Department organized International Conference on Recent Advances in Information Technology and Research. It got overwhelming response from India as well as at International Level. The presentations by students, research scholars and industry persons made it effective while sharing technical knowledge. The second batch graduated this year amid COVID19 and an online farewell to them made everyone nostalgic. The new academic year will start from second week of July in online mode.

I welcome all the students and wish them happy learning.

ACM Activity : Codebug – Coding & Debugging Competition

Vidyalankar Institute of Technology (VIT) ACM student chapter 2020-21 has organized Codebug- Coding & Debugging Competition. The event assures that proficiency in solving the problem statement will improve a lot. During this competition, the competitors got a set of challenges to be solved on the Hackerrank platform. The challenges were increasing order of difficulty level and similarly, rank was displayed on the leader board.

Contest Details

Round 1: The contest contains 7 questions each of 100 points. The duration of context was 3 hours. The question was marked partially supported points per test file basis, some test file was tougher to clear than other. the majority of languages supported by the Hacker-rank were allowed.

Round 2: The selected 33 individuals were made to download a git-hub repository consisting of the problems. They had to debug the code and make a zip file out of the solutions. They then had to upload the file in the google form

All the problems were having the same points. Users were getting ranked during the competition based on most problems solved. The participants were resubmitting their codes to best fit the test cases. After the submission of their codes their accuracy was checked by observing the number of test cases pass. If two or more participants achieve a similar score, then the tie is broken by choosing the competitor who submitted first. The top 2 winners of the competition got a Voucher by SYBGEN learning for a course and the third got a certificate. All the other participants have been sent e-certificates for participation.



30th April and 01st May 2021
Venue: Microsoft Teams

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

Prof. Harshali Rambade



Department: Information Technology:

Designation : Assistant professor

Educational Qualification : Pursuing Ph.D in IT

Experience: 11 years

Area of specialization: Operating System, Web Programming, Python, R Programming



INFT Department : AICTE APPROVED International Conference on “Advances in Information Technology and Research” (ICAITR-2021)



The Department of Information technology Proposed an E-Conference on Advances in Information Technology and Research to be held on 31st May and 01st June 2021. This conference shall be organized with parallel multi-track programmes, which will introduce participants to advancements in IT techniques and potential disruptions. It has been decided to focus on the IT applications for the in 'compliance to industry 4.0.' and 'Resource-optimized business processes' to excel in modern competitive environment. ICAITR 2021 topics include, but are not limited to, the following research and development areas/fields classified into 5 sessions:



31st and 1st June 2021
Venue: Microsoft Teams

- Applications of AI and ML
- industry 4.0 Applications
- Data Communication and Edge Computing
- Information and Cyber Security
- Electronic Surveillance and IoT

The session began with wonderful welcome note by Prof Rohit Barve and the ICAITR team to the Patrons, Speakers, participants and the faculties and students of VIT. Dr Deepali Vora, Head INFT and convenor of ICAITR 2021 addressed the delegates with the brief conference proceedings. Prof Varsha Bhosale, vice principal VIT addressed and welcomed the delegates for the Conference. Dr Saurabh Mehta, CAO VIT, welcomed and addressed the delegates for the conference also appreciated the Department of Information technology for the initiative to conduct the Conference in this new Virtual mode,

The session was then opened with a keynote session by Dr. Saraju P. Mohanty, Professor Department of Computer Science and Engineering, University of North Texas, Denton. He delivered his talk on Healthcare Cyber-Physical System- Pandemic Era Perspective. The session was then continued with Mr. Kaustubh Dhole, R & D Lead at Amelia. He was guest of honor and shared his experience and insights on Natural Language Processing- The Past Decade. Approximately 130 people attended the ceremony.



Further continued on page 3....



Prof. Shruti Agrawal



Department: Information Technology

Designation : Assistant Professor

Educational Qualification: Pursuing Ph.D. in CSE

Experience : 08 years

Area of specialization: Natural Language Processing and Machine Learning

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



**Danish Millwala
(Batch of 2019-2013)**

VIT will always hold a special place for me and I will always fondly look back at my time here. It was at VIT where I truly learnt to trust in my abilities and push myself to my limits. Throughout my three years here, I was encouraged to follow my curiosity and learn my own way. The amazing faculty was always available to us, and would go out of their way to find answers to our problems. My experience here didn't just teach me the skills to survive at the workplace but also important life skills. A platform to test what you have learnt, express your creativity in it & explore beyond the books. And it's not just academics, it is done in cultural, technical & extra curricular fields with equal enthusiasm.

Through the various active committees, I was able to find my place with ACM. Working with that talented group was an incredible experience and taught me the value of the team over the individual. Tech industry today is largely built on collaboration over extremely diverse teams, and VIT's commitment to nurture individuality while also valuing team work has hugely benefitted me in my journey as a cloud architect.

On day 2 of the conference, 2 expert talks were organized. The session started at 9:00 a.m. The first talk was delivered by Dr. Hiroyuki Hashiguchi. He is working as a Professor at the Radio Science Center for Space and Atmosphere, Kyoto University [reorganized as the Research Institute for Sustainable Humano-sphere (RISH)]. He has delivered his talk on Phased Array Atmospheric Radar. The second expert talk was delivered by Mr. Abhinav Mishra who is CEO of Value3



Advisory. He has a Global experience of working at India (Mumbai), US (New York), UK (London) & Singapore offices. His talk was on Practical applications of Artificial Intelligence as a decision support system. He has very well discussed how ML and NLP applications are transforming the global capital market and financial services. There were approximately 110 beneficiaries for the session. There were 4 Session executed parallely on different tracks with two Session chairs

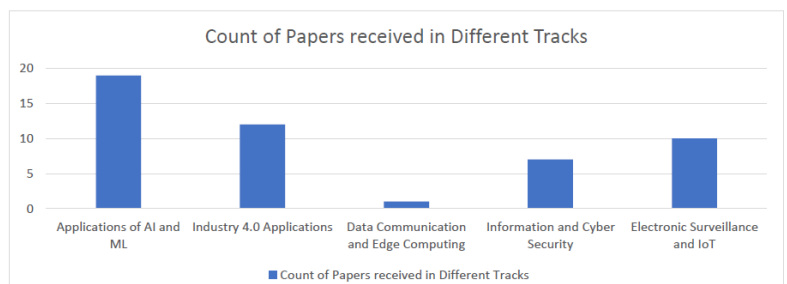
along with track owner for each session. Each track owner kept a track of all the Paper's under there session and communicated with the session chair and the participants. Recording of every

session is done along with screenshots. Evaluation sheet was mailed to the session chairs along with the meeting link for the conference. Every track owner kept a record of the paper presentation and noted the paper recommended for Best paper award from the Session chairs. All session concluded with Thank you note to session chair and participants and collecting the feedback response from participants and the session chairs.

The conference has received good response from participants from VIT, external colleges, within, outside state and international level. Session chairs were from different colleges, within and outside state. The conference was organized with a motive of providing a common platform for the professors, industry persons and re-searchers to share new ideas in their respective field, as well as to get exposure to new projects for further work, if any. The conference was full of knowledge sharing sessions and focused on all the predominant and cutting-edge areas of technology. To

enhance industry-college interaction, two prominent persons from industry were invited for the talk. Participants enthusiastically interacted with them.

Track wise papers approved for presentation



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!"

Event Updates

Orientation

About: Advance Data Management Technologies

Organizer: Mumbai University

Where: S S Jondhale College of Engg.

When: 02nd July 2021

Orientation

About: Mini Project –2A

Organizer: Mumbai University

Where: Fr. C. R. Institute of Technology

When: 07th July 2021

Orientation

About: Entrepreneurship & E-Business

Organizer: Mumbai University

Where: Vidyalkar Institute of Technology

When: 05th July 2021

Orientation

About: DevOps Lab & Advance DevOps Lab

Organizer: Mumbai University

Where: Thadomal Shahani Engineering College

When: 06th July 2021

Orientation

About: Microcontroller Embedded Programming

Organizer: Mumbai University

Where: St. Francis Institute of Technology

When: 03rd July 2021

BLOG: Why modern BI is a necessity in a post-pandemic world by Jay Heglar, Chief Business Officer, Domo.

Contagion rate. Hospitalisation rate. Case fatality rate. We are now seeing the start of a new era where data takes a central role in organisations and in the public eye. The use of data became paramount during the past year, enabling us to understand, in near real-time, the patterns in which coronavirus was spreading around the world, the effect it was having on global economies, and the rate of vaccine roll out. Similarly, many business leaders shifted the onus onto data to monitor changes in supply and demand, leveraging business intelligence (BI) to steer their organisation through the challenges imposed by the pandemic. Although business intelligence has become an essential tool in these times of crisis, Covid-19 has also exposed the cracks in current BI processes. A growing number of organisations are asking whether their existing BI tools can keep pace with the rapidly evolving needs of their business. New research shows that more than half (53%) of business leaders are looking to upgrade or replace their current BI tool within the next 12 months. So, how can businesses adapt and thrive in the new normal? While the shift towards digitisation was already underway, for many businesses, the pandemic has accelerated these initiatives. In the B2C market, this switch is clearly outlined by the marked change in consumer spending towards digital business. With companies like Amazon and Uber Eats seeing huge spikes in purchases, as many depended on them during the peaks of the pandemic

Student Speak—Journey at VIT

VIT - A college that is known for its student centric approach. Such approach helps students to achieve good results in academics, which is an integral part of engineering. All the faculties from the first year itself provide study notes as well as handwritten paper solutions which are written by faculties themselves which really help students to get an idea of how the answers are to be written in the exam and score good marks. VIT not only



focuses on studies and exams, but it makes sure that all the students are actively taking part in extra curricular activities, and the interesting part here is that for any of these activities, students need not miss any lectures because all these activities take place in the lunch break or after the college hours. VIT has always been encouraging students for doing internships and participating in hackathons and coding competitions which ultimately helps a student to enhance technical skills. The main part of any engineering college is the placement. The Placement team of VIT has been extremely supportive for all the students during the Placement years till all the students get placed. The Placement team starts preparing students for the placements from 3rd year itself by conducting mock interviews, aptitude tests and coding tests. Also, the Placement team conducts pre placement sessions through which the students can brush up all the knowledge that is necessary for placements. Thus, these 4 years of engineering at VIT helped me to grow both technically and professionally

Shreya Pattewar (BE-INFT, DIV A, Batch: 2017-2021)

Editorial Team

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