

Vidyavardhini's College of Engineering & Technology

Department of Computer Science & Information Technology

VCET CSI Students' Section

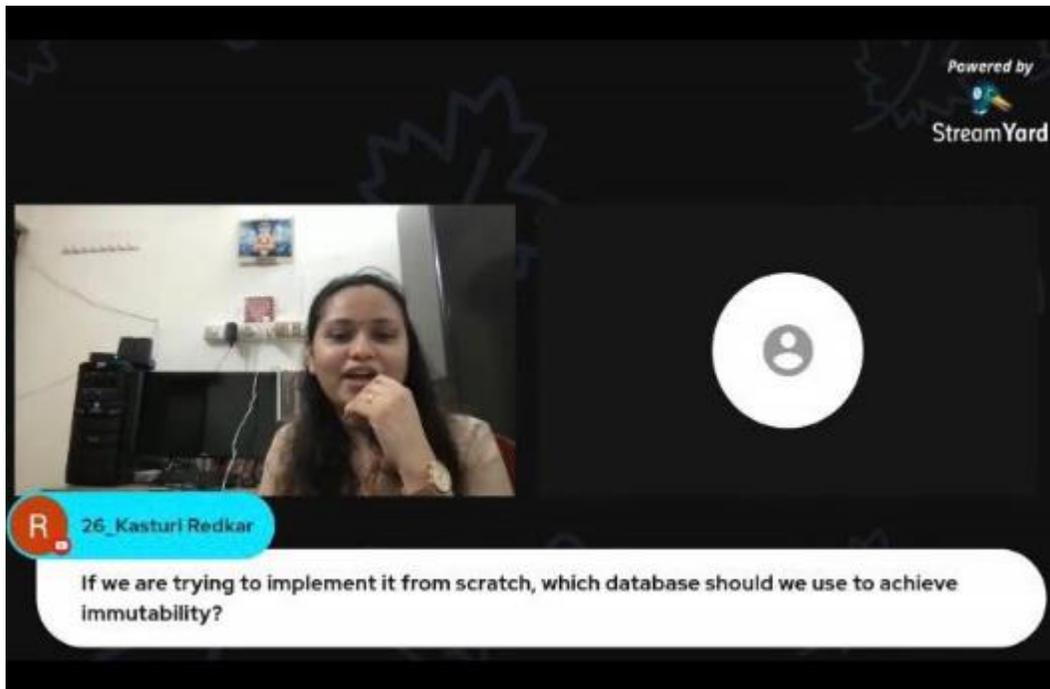
Activity Report

2020 - 2021

1) *Blockchain Technology:*

- Resource Person:
 - Ms. Leena Nadkar
 - Dr. Seema Shah
- Date: 27th February, 2021
- Description:

Blockchain is an important part of technology now-a-days. This webinar helped understand it better. This webinar was a sincere attempt in giving information about the blockchain, a head start towards making a career in blockchain and challenges that are faced in it. The main motive considered while organizing this webinar was to provide a platform to encourage students to foster their technical skills and thereby adding to the overall grooming of oneself. The webinar was held on 27th February, 2021 at 11 am which ended with a electrifying question and answer session. The webinar was conducted through YouTube live and received an amazing response with a total of nearly 630+ views.



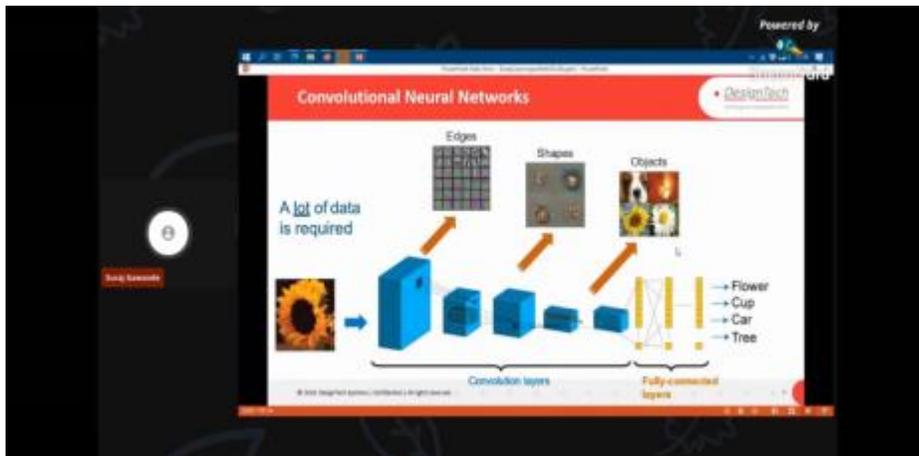
2) Data Science using MATLAB(Webinar)

- Resource Person:

Mr. Suraj Gawande

- Date: 9th April, 2021
- No. of participants: 350+
- Event Description:

Webinar contained in-depth knowledge and demonstration on how to perform Data Science using Matlab. Highlights include importing, preprocessing, analyzing, and visualizing your data using MATLAB. The webinar was held on 9th April, 2021 at 3 pm. Our Guest speaker Mr. Suraj Gawande gave an easy-to-understand explanation regarding the use of MATLAB. The webinar was conducted through YouTube live and received an overwhelming response with a total of nearly 350+ views.



3) VNPS 2021

○ Resource Person:

Mr. Abhimanyu Raja, Director of JanuTech Robotics

Dr. Dattatray Parle, Principal consultant of Infosys

○ Date: 14th May, 2021

- No. of participants: 311
- Event Description:

Vidyavardhini's National Level Project Showcase, is an event held to share, grow and receive constructive feedback on developed projects. It is the biggest event organized by VCET, every year. This year, overcoming all the odds, various committees not only conducted the event but made it a colossal one in the history of VCET. The event was held on 14th May, 2021. The inauguration ceremony started at 10 am where our guests of honor Mr. Abhimanyu Raja, Director of JanuTech Robotics and Dr. Dattatray Parle, Principal consultant of Infosys shared their perspective. The chief guest Dr. Harvinder Gambhir, retired vice-president (projects) Instrumentation & Control at Reliance Industries Limited, addressed the participants.

Total 200+ teams participated in VNPS. The format in which the VNPS conducted was by dividing all the teams as per their domains (Tracks). There were 5 tracks in which teams were divided for major projects and 4 for minor projects. Among which the Track 4 was allocated to the CSI committee, which consisted of domains such as Cloud computing & Big data, A.I. & Machine Learning, Gaming, Internet of Things (IOT), Web security & Networking, Robotics. Total number of teams which participated in track 4 were 105 which consisted of a total of 311 participants. Track 4 was further divided into 8 to 10 domain specific groups to keep the event fair and competitive. These groups consisted of 12-15 participating teams. After the end of the inauguration ceremony, the Judging round began where teams presented their projects to the Judges. The judges discuss and give feedback to each team from their group. After the completion of the judging round, the judges ranked their projects i.e., each group had their respective winners. The valedictory function was held at 5 pm where all the winners were announced.

All these events were a huge success for the CSI Committee with unbeatable participation and splendid acknowledgement. Thus, the society once again proved to be the best and thereby scaled their motive, the motive of acknowledging the students with all the necessary technological advancements and helping them towards the journey of being professionals.

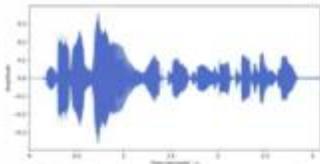


Fig. 1. Sound amplitude representation

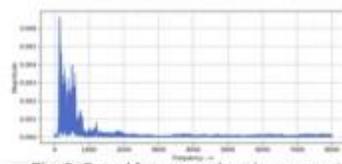


Fig. 2. Sound frequency domain representation

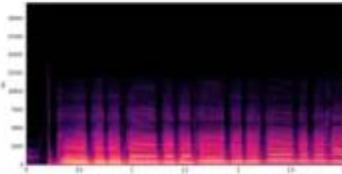


Fig. 3. Phase spectrogram

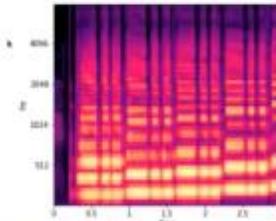


Fig. 4. Mel Spectrogram

