K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

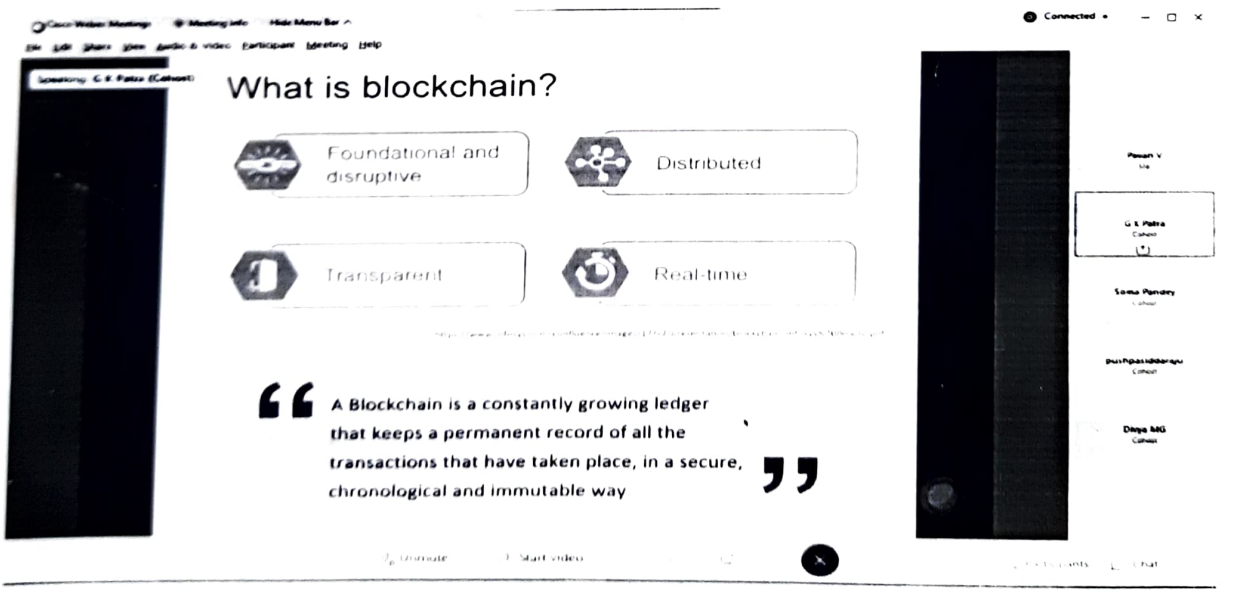
Webinar on Blockchain:

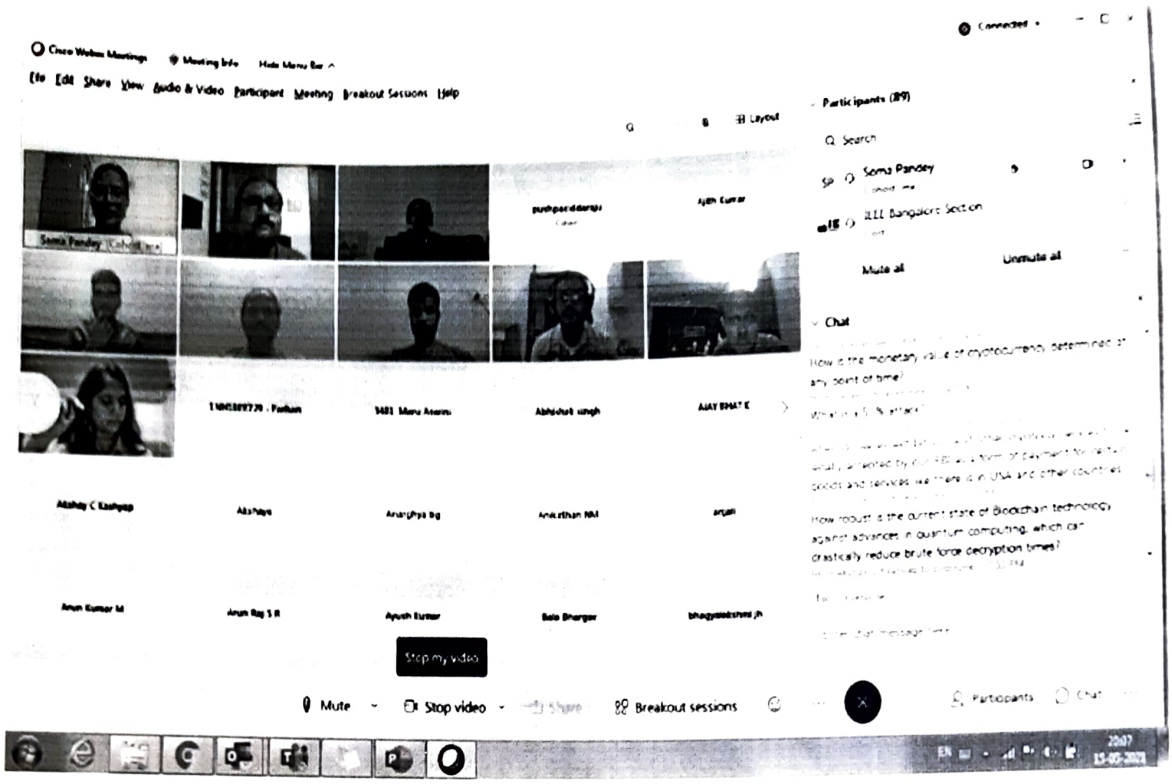
A New Technology of Trust Powered by Cryptography

The webinar has been Organized by IEEE Student Branch of Department of Electronics, KSSEM in association with IEEE Bangalore section on 15th May 2021 through Webex. Around 105 participants have been attending the webinar. The Resource Person Dr. G. K. Patra, CSIR Fourth Paradigm Institute address the exposure to Blockchain technology.

Blockchain is believed to be a disrupting technology that has the potential to affect the trust paradigm in next five years. It is effectively a shared ledger between groups of people, which is immutable. It differs from a typical database in the way it stores information. Blockchain stores data in blocks that are then chained together.

The talk covered the fundamentals of Blockchain, in relation to cryptocurrency, and talked about the state of technology, the challenges and the possible applications of Blockchain technology.





Signature of HoD

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K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

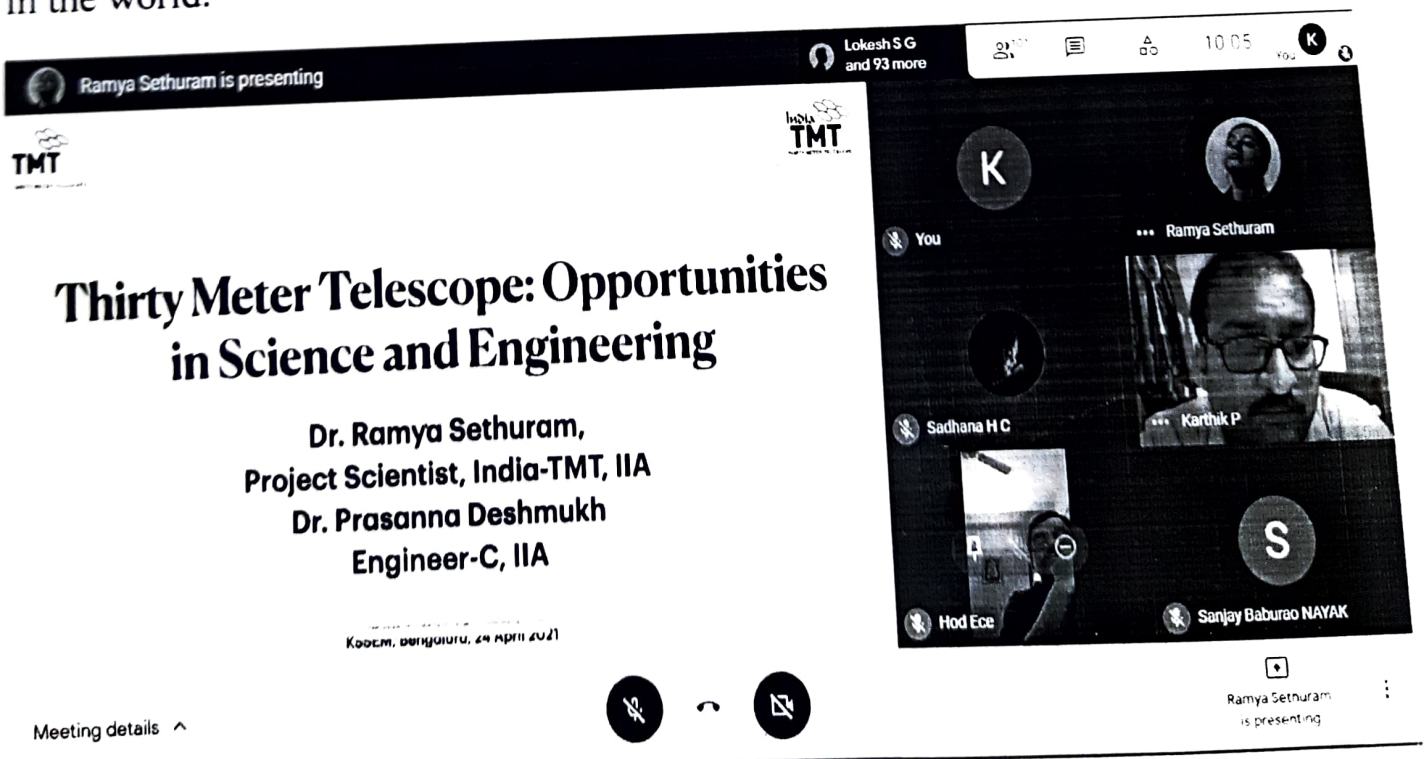
The Thirty Meter Telescope:

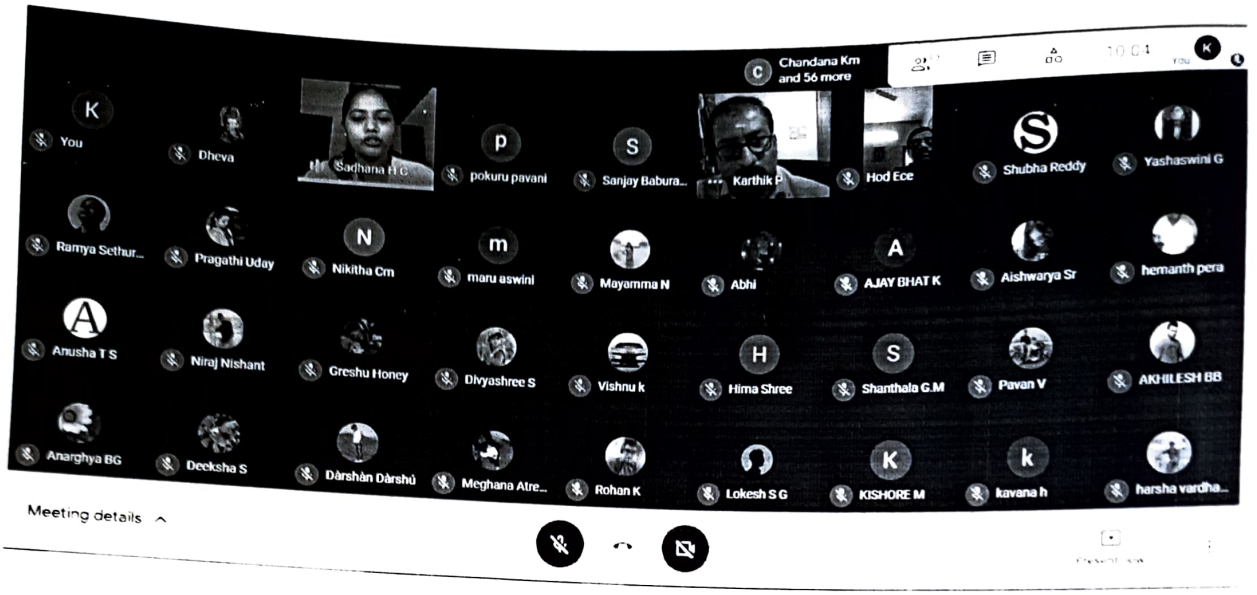
Opportunities in the frontiers of science and engineering

The event has been Organized by IEEE Student Branch of Department of Electronics, KSSEM in association with IEEE Bangalore section on 24th April 2021 through online mode. Around 100 students of all different branches have been attending the event.

Dr Ramya Sethuram spoke on the Thirty Meter Telescope and gave a few highlights of the extreme engineering challenges involved in the making of TMT and India's contribution to the project. She also highlighted the kind of opportunities this project provides for motivated science and engineering students.

Thirty Meter Telescope is a new class of extremely large telescopes that will allow us to see deeper into space and observe cosmic objects with unprecedented sensitivity. With its 30m prime mirror diameter, TMT will be three times as wide, with nine times more area, than the largest currently existing visible-light telescope in the world.





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

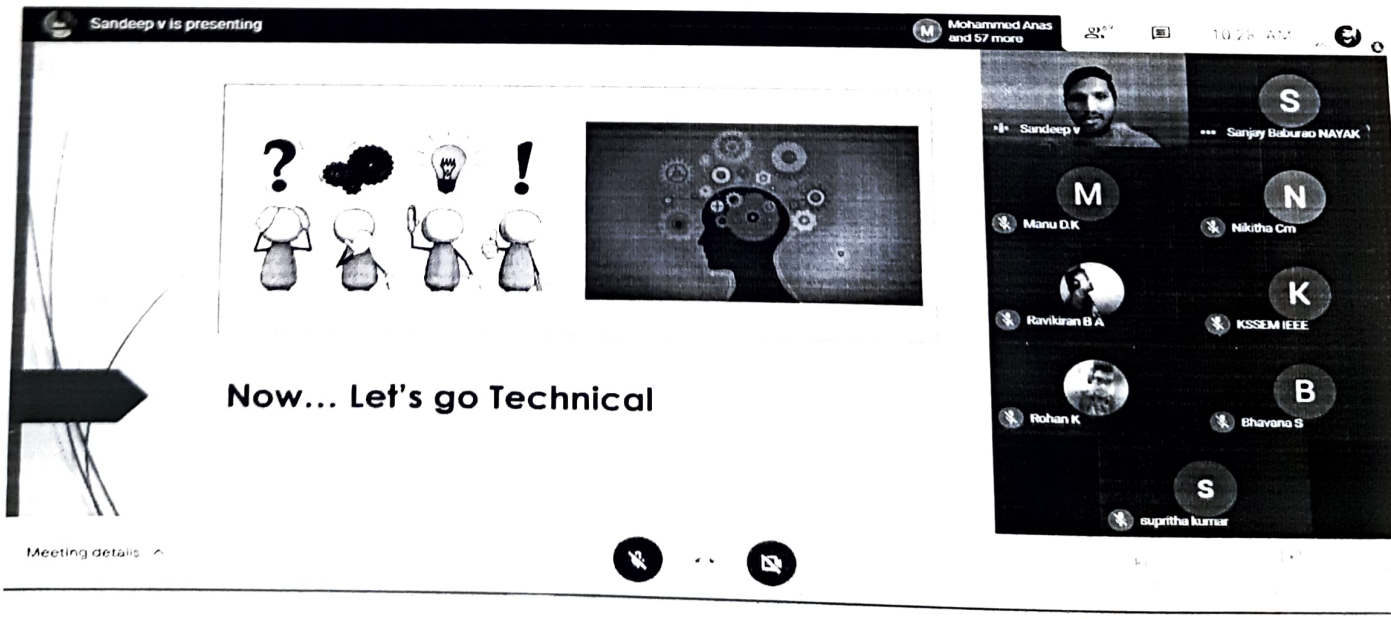
Webinar on RF technology and its applications

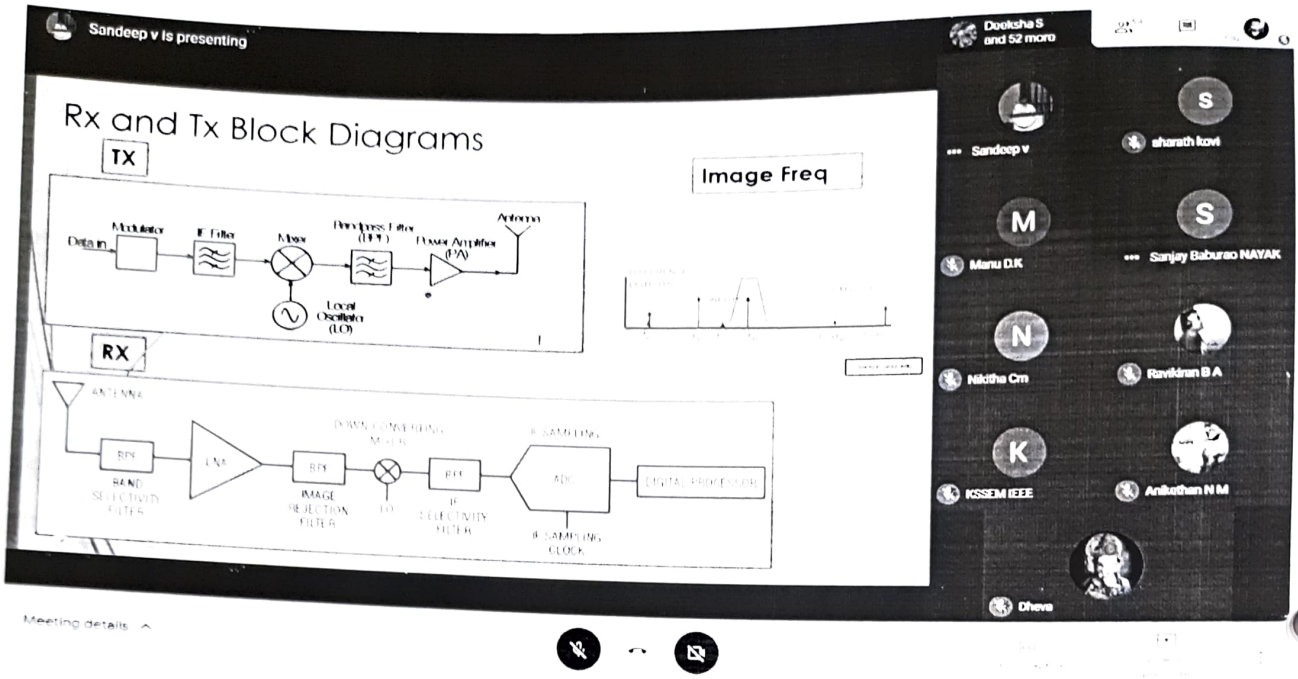
The webinar has been Organized by IEEE Student Branch of Department of Electronics, KSSEM in association with IEEE Bangalore section on 16th April 2021 through online mode. Around 100 ECE and EEE branch students have been attending the webinar. The resource person Mr. Sandeep Vidyashankar, Senior Hardware Engineer, Qualcomm, address the students about introduction to Radio Frequency Engineering, and its applications in Industry.

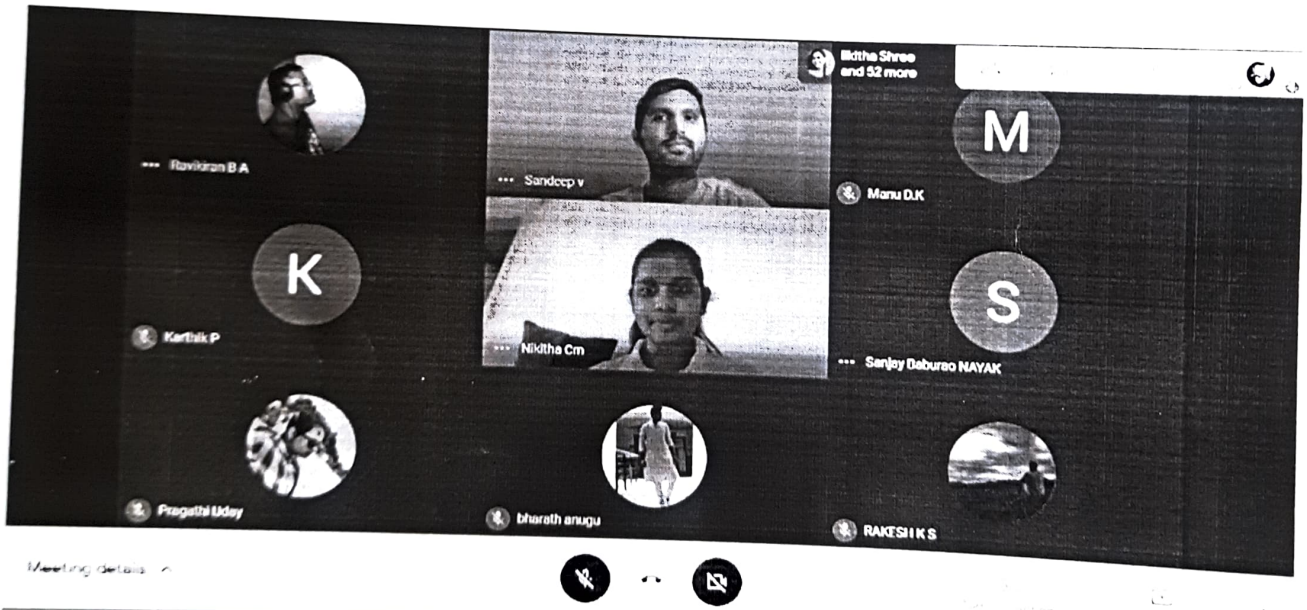
Radio frequency technology is the key to the operation of many items like radios, mobile phones, Wi-Fi routers and many other wireless devices, which are ubiquitous and indispensable in today's world.

Understanding the building blocks used and the techniques adopted, enables RF design, maintenance, and usage to be undertaken effectively.

During the webinar, Mr. Sandeep Vidyashankar, a senior Hardware Designer at Qualcomm, San Diego, introduced Radio Frequency Technologies and their wide range of applications in appliances and technologies used everywhere, in our daily lives.







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Report of

Webinar on IPR on 27th of March 27, 2021

Organized by

IEEE Student Branch, KSSEM

In association with IEEE Bangalore section

Event name: Webinar on IPR

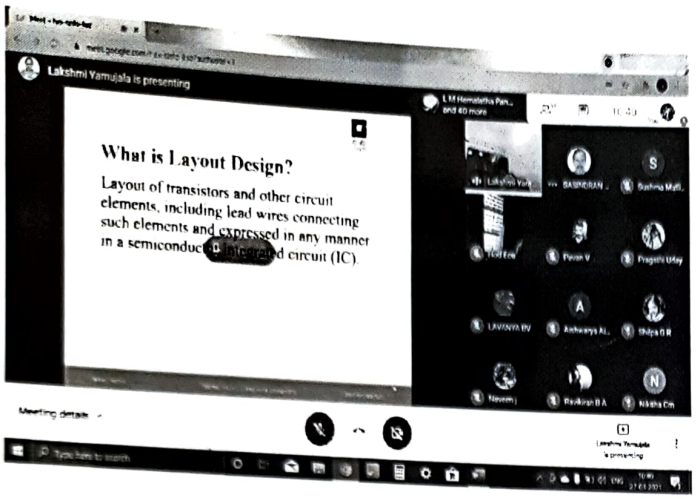
Date of event: 27th of March 2021

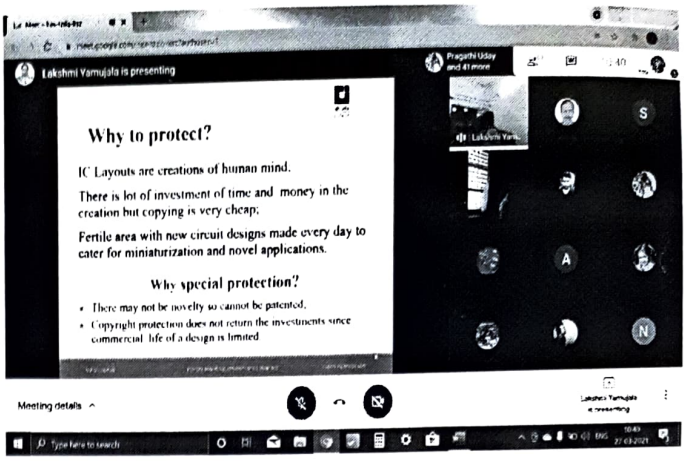
No of participants:90

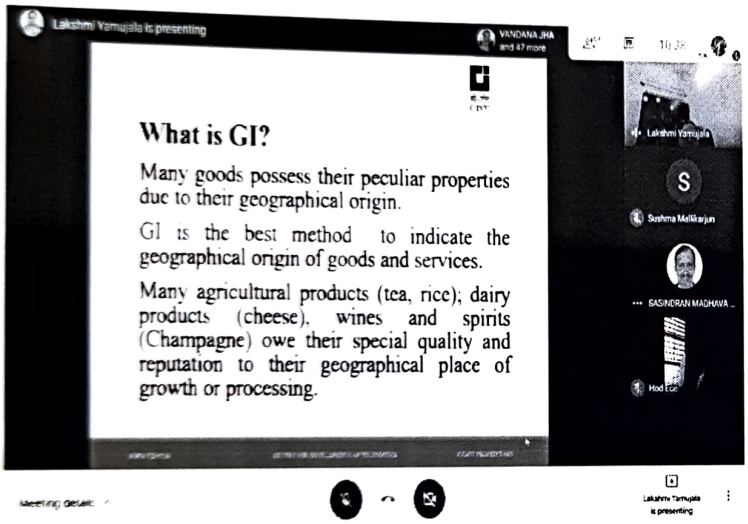
Targeted audience: students of all branches

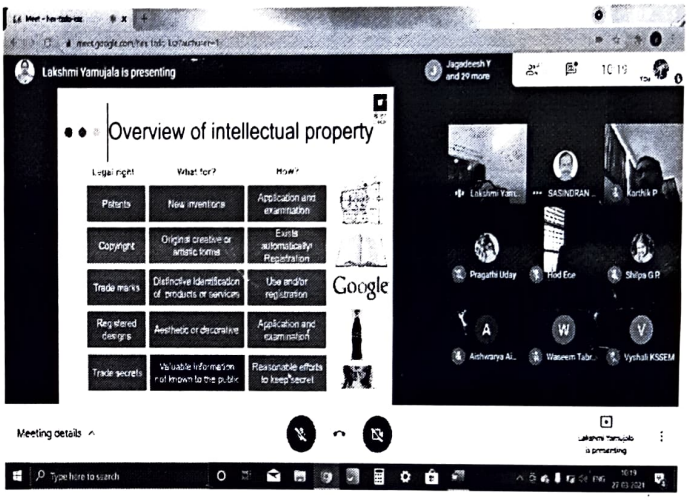
Webinar on IPR was exclusively held for the students of all the departments.

Intellectual property rights (IPR)have become important in the face of changing trade environment which is characterized by global competition, high innovation risks, short product cycle, need for rapid changes in technology, high investments in research and development(R&D), production and marketing and need for human skills and resources.









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