



CVMU: ENTREPRENEURSHIP, START-UP, INCUBATION AND INNOVATION(ESII) CELL

Event Report

Title of Event: Entrepreneurship: Opportunities and Challenges

Resource Person: Mr. Mudit Trivedi

Day & Date: 03/09/2020, Thursday

Time & Venue: 11:00 to 12:30 PM

Class: Level 3 mechanical engineering

No. of Students Participated: 27

Event Description:

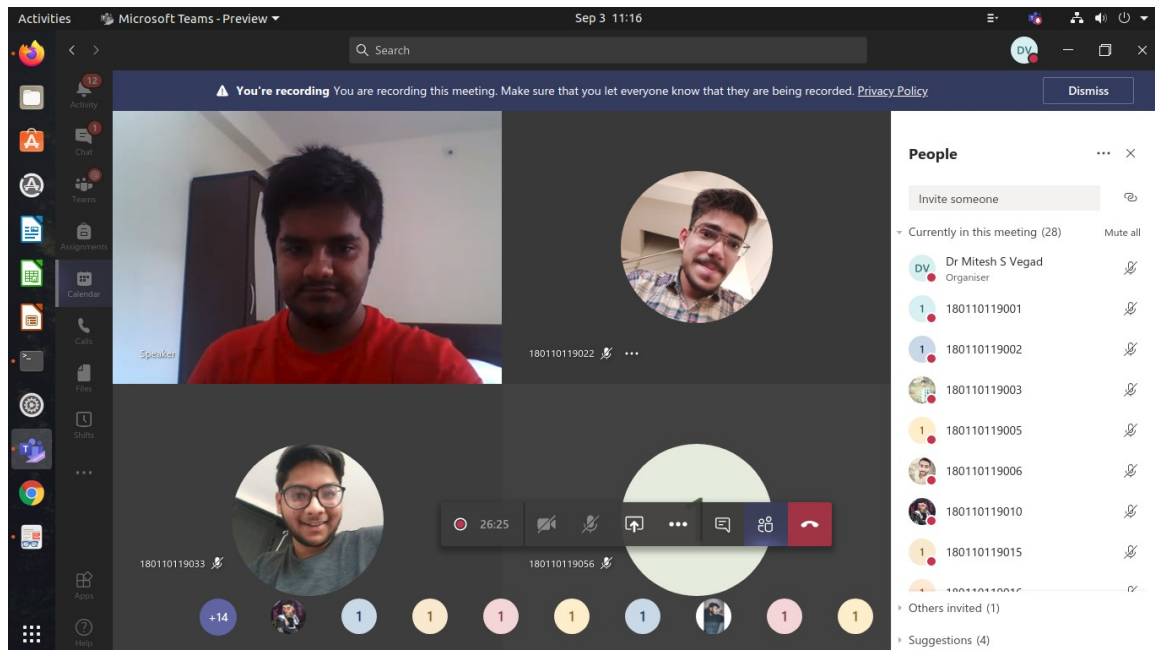
Under aegis of CVMU: ESII Cell, G H Patel College of Engineering & Technology, V V Nagar organized an expert talk on Entrepreneurship: Opportunities and Challenges by Mr Mudit Trivedi.

Mr Mudit Trivedi is a GCET alumni and graduated from Mechanical Engineering department in the year 2014. He has completed his masters from Vellore Institute of Technology with specialization in CAD/CAM. Subsequently he started his own firm Rapid Tech Solutions specializing in providing design solutions and 3D printing solutions.

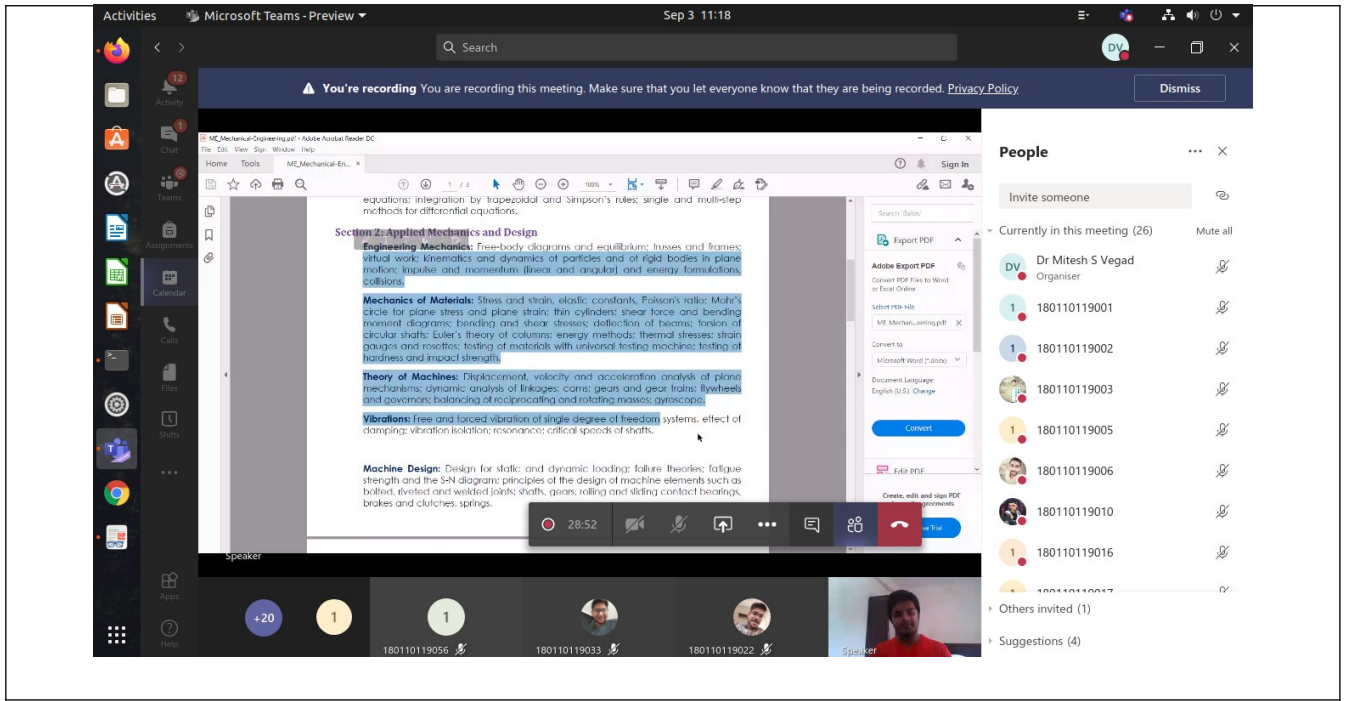
Mr Mudit highlighted the need of having the right attitude, perseverance, extra reading in life. He talked about the ways of securing funding for a start up and stressed on knowing about all the different schemes run by state and central government for supporting startups.

Event Coordinator: Mitesh Vegad

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The screenshot shows a Microsoft Teams meeting in progress. The main window displays a presentation slide titled "Section 2: Applied Mechanics and Design". The slide content includes:

- Equations:** integration by trapezoidal and Simpson's rules; single and multi-step methods for differential equations.
- Engineering Mechanics:** free-body diagrams and equilibrium; trusses and frames; virtual work; kinematics and dynamics of particles and of rigid bodies in plane motion; impulse and momentum (linear and angular) and energy formulations; collisions.
- Mechanics of Materials:** stress and strain; elastic constants; Poisson's ratio; Mohr's circle for plane stress and plane strain; thin cylinders; shear force and bending moment diagrams; bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; energy methods; thermal stresses; strain gauges and rosettes; testing of materials with universal testing machines; testing of hardness and impact strength.
- Theory of Machines:** Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of linkages; cams; gears and gear trains; flywheels and governors; balancing of reciprocating and rotating masses; gyroscopes.
- Vibrations:** free and forced vibration of single degree of freedom systems; effect of damping; vibration isolation; resonance; critical speeds of shafts.
- Machine Design:** Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagrams; principles of the design of machine elements such as bolts, rivets and welded joints; shafts, gears, rolling and sliding contact bearings, brakes and clutches, springs.

The Teams interface shows a recording notification at the top, a search bar, and a list of participants on the right. The meeting duration is 28:52. The participants list includes Dr. Mitesh S. Vegad (Organiser) and several other participants with IDs like 180110119001 through 180110119017.