



**FAMOUS MECHANICAL ENGINEERING
INVENTIONS - SERIES 3**



GEARS

These are integral components of any rotating speed which needs the ability to change speed, torque or the direction of the power source. The gear is the most fundamental mechanical innovations in history. A change in torque utilising gears creates a mechanical advantage. A gear meshes with a linear toothed object called a rack, which produces rotation. Many items from bicycles to gearboxes utilise this innovative design trait today.

VISION

“To become a centre of excellence in Mechanical Engineering, producing innovative and creative mechanical engineers to meet the global challenges”

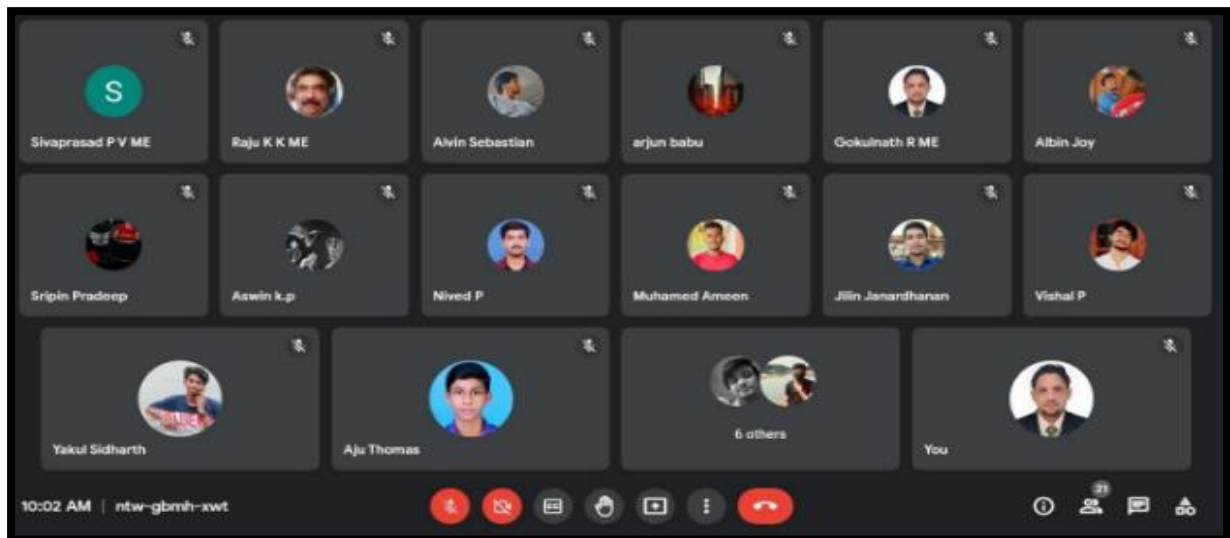
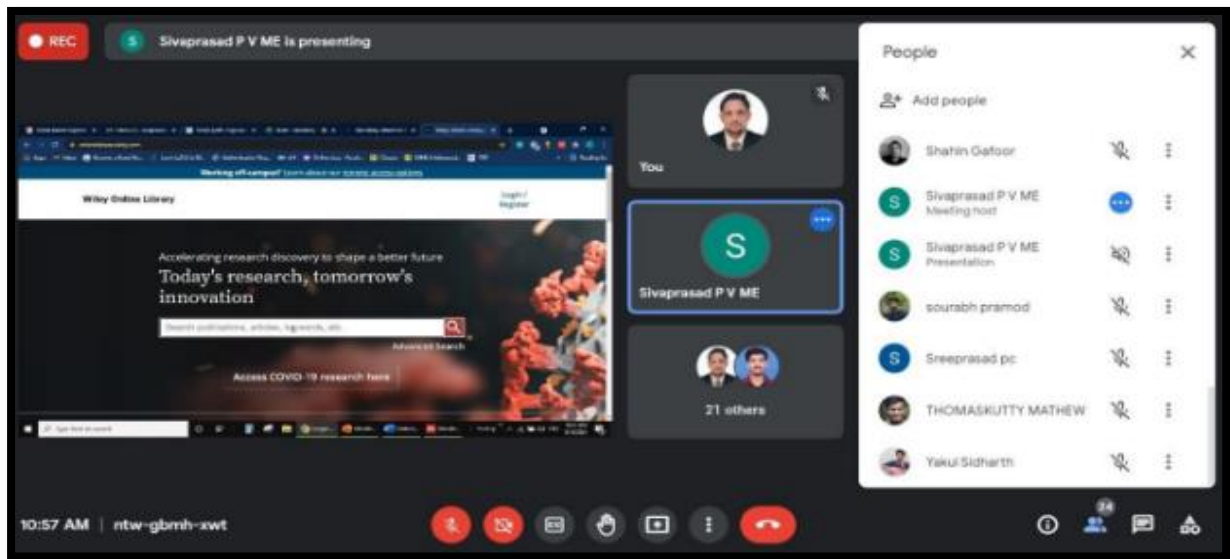
MISSION

- To provide a platform to the students towards attaining quality education in Mechanical Engineering.
- To educate students about professional & ethical responsibilities and train them to build leadership and entrepreneurship qualities for their career development.
- To create opportunities and guide students in acquiring career oriented jobs in the field of Mechanical Engineering

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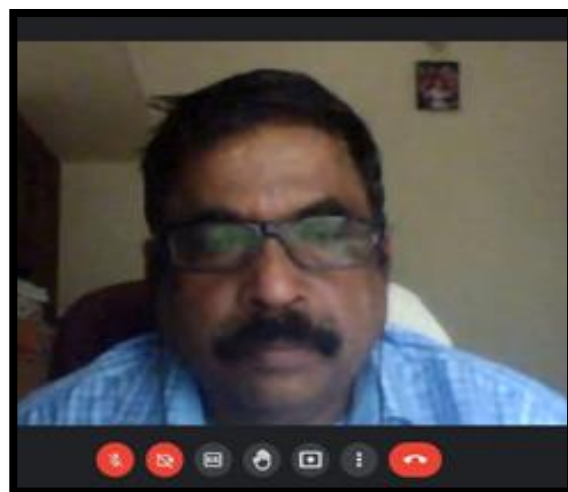
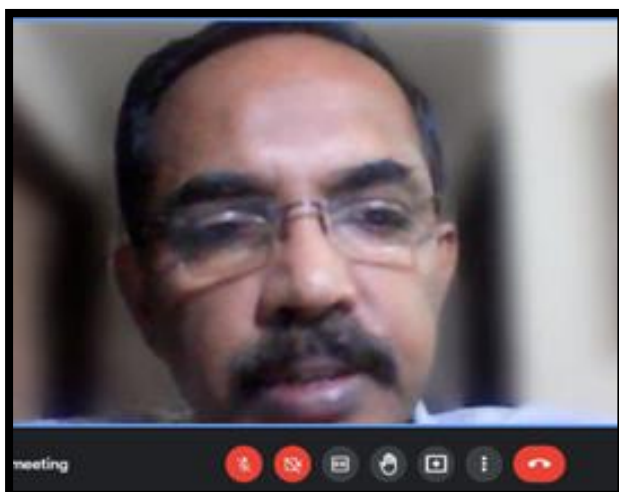
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WEBINAR ON 'MENDELEY DESKTOP'



On 10th of September 2021, Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi, Kannur organized a webinar on "Mendeley Desktop" using Google Meet from 10:00 AM to 12.00 PM for Fourth-Year Mechanical Engineering students. It was conducted with an aim to encourage the final year students to do their project as well as seminar activities in a more systematic way. The convener of the program was Cdr. (Rtd.) Raju K. Kuriakose, HoD, Department of Mechanical Engineering and was coordinated by Mr. Gokulnath R, Assistant Professor, Department of Mechanical Engineering. The resource person was Dr. Sivaprasad P V, Assistant Professor, Department of Mechanical Engineering, Vimal Jyothi Engineering College, Kannur. There were 36 participants. Mendeley Desktop is a free software designed to assist in academics. It is best known for its reference manager facility, which is used to organize and distribute research papers as well as generate bibliographies for academic publications as well as project report preparation.

PTA MEETING



An online PTA Meeting of S2 ME (2020-24 batch) and S4 ME (2019-23 batch) were conducted on 06-09-2021 and 08-09-2021 respectively through the online platform of Google Meet. Many Parents attended the meeting along with their wards. Dr. Benny Joseph, the Principal, VJEC gave the welcome speech. Cdr. (Retd.) Raju K Kuriakose, Head of the Department, chaired the session. Mr. K J Sebastian Puthenpura (PRO, VJEC) interacted with parents. All faculty, handling the courses in the class, attended the meeting. Class tutor gave the welcome address. Agenda points discussion was handled by Cdr. (Retd.) Raju K Kuriakose, Head of the Department. He explained the online activities which included the Live Classes, Assignments and Tests being conducted so far. He explained about the importance of such activities and insisted a complete cooperation from the sides of both parents and students. The discussion on first internal examination results was conducted. The performance of the students was briefed and methods, which have to be adopted to improve the results, were discussed.

PROGRAMMES ATTENDED BY FACULTY

1. Mr. Rameshan K P (Associate Professor, ME) attended FDP on 'Art gallery of Engineering graphics' conducted by SCT Trivandrum from 02-08-2021 to 06-08-2021.
2. Mr. Johny P Joseph (Assistant Professor, ME) completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 2 August, 2021 to 6 August, 2021.
3. Mr. Niyas K M (Assistant Professor, ME) has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Operations Management" from 16/08/2021 to 20/08/2021 at Goa College of Engineering.
4. Mr. Niyas K M (Assistant Professor, ME) has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Novel Materials" from 23/08/2021 to 27/08/2021 at SRM Institute of Management and Technology.
5. Dr. Sridharan P (Associate Professor, ME) Handled a session for AICTE STTP on 'Electrical Vehicle Dynamics and Control' at ESEC Autonomous College, Erode on 25.9.21.
6. Mr. Appu C Kurian (Assistant Professor, ME) attended FDP on "Opportunities and challenges on Electric vehicle" from 16th to 27th August 2021.
7. Mr. Aji Augustine (Assistant Professor, ME) attended FDP on 'Art gallery of Engineering graphics' conducted by SCT Trivandrum from 02-08-2021 to 06-08-2021.
8. Mr. Gokulnath R (Assistant Professor, ME) attended a webinar on "Mendeley Desktop", organised by Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi on 10-09-2021.

ALUMNI INTERACTION

An online session on 'Study Abroad - Opportunities and Challenges' was conducted to share the experience of VJEC alumnus who has settled in various countries across the globe. Mr. Lince Thomas (2008-12, ME) from U K, Mr. Athul Punnen (2015-19, ME) from UK, Mr. Midhun Joseph (2006-10 ME) from NEW ZEALAND interacted with participants.

PLACEMENT



MR. ALEN JOSEPH

Mr. Alen Joseph (2017-21 batch) is placed at Federal bank.

Program Educational Objectives (PEO'S)

PEO1: Graduates will be able to pursue successful professional career in Mechanical Engineering with sound technical and managerial capabilities.

PEO2: Graduates will have skills and knowledge to formulate, analyze and solve problems in mechanical engineering to meet global challenges.

PEO3: Graduates will be capable of pursuing mechanical engineering profession with good communication skills, leadership qualities, team spirit and professional ethics to meet the needs of the society.

PEO4: Graduates will sustain an appetite for continuous learning by pursue higher education and research in the allied areas of science and technology.

Program Outcomes (POs)

- PO1: Engineering knowledge
- PO2: Problem analysis
- PO3: Design/development of solutions
- PO4: Conduct investigations of complex problems
- PO5: Modern tool usage
- PO6: The engineer and society
- PO7: Environment and Sustainability
- PO8: Ethics
- PO9: Individual and team work
- PO10: Communication
- PO11: Project management and finance
- PO12: Life-long learning

Program Specific Outcomes (PSOs)

PSO1: An ability to use computer aided modelling and simulation tools to provide solutions to mechanical engineering problems.

PSO2: An ability to develop and implement a process in a well-planned manner leading to a demonstrable product.

Staff Editors: Mr. Gokulnath R (Asst. Prof, ME), Mr. Alex George (Asst. Prof, ME)

Student Editors: Mr. Nived P (S7 ME), Ms. Arya Santhosh (S7 ME)