



VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

MECHNOVA



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KNOW A FAMOUS MECHANICAL ENGINEER-SERIES 17



ROGER BOISJOLY

Roger Mark Boisjoly (April 25, 1938 – January 6, 2012) was an American mechanical engineer, fluid dynamicist, and an aerodynamicist. He is best known for having raised strenuous objections to the launch of the Space Shuttle Challenger months before the loss of the spacecraft and its crew in January 1986. Boisjoly correctly predicted, based on earlier flight data, that the O-rings on the rocket boosters would fail if the shuttle launched in cold weather. Boisjoly studied mechanical engineering at the University of Massachusetts Lowell.

VISION

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

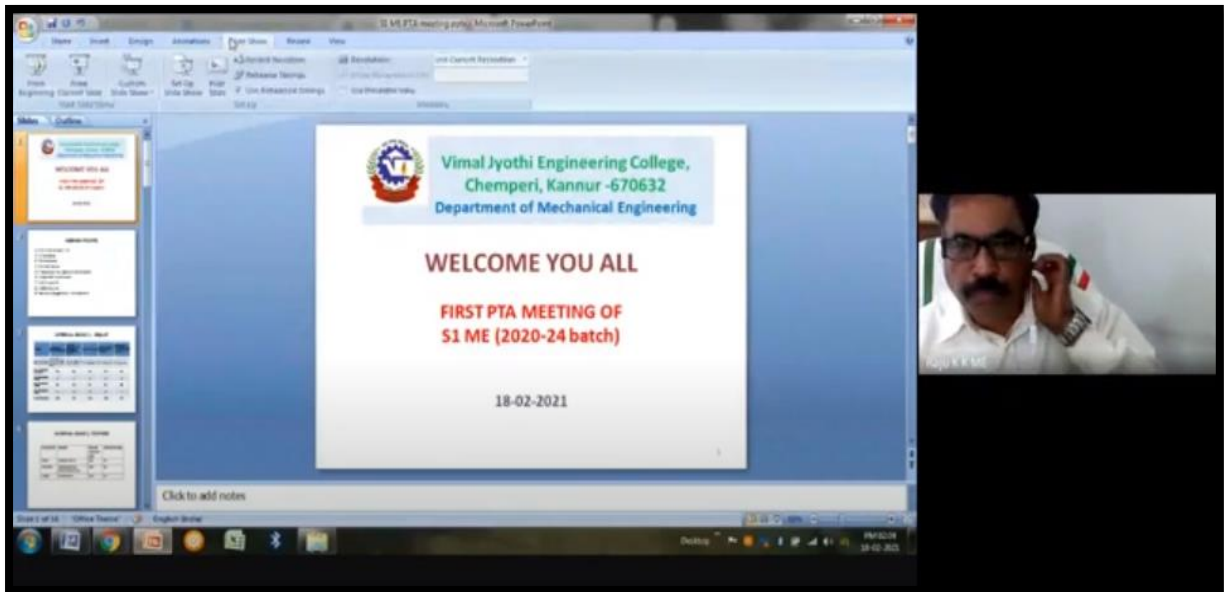
MISSION

- 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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PTA MEETING - S1 ME (2020-24 BATCH)



An online PTA Meeting for S1 ME (2020-24 batch) was conducted on 18th February 2021; 02:00 pm to 03.00 pm, through the online platform of Google Meet. 56 parents, within a strength of 61 students, attended the meeting along with their wards. Cdr. (Retd.) Raju K Kuriakose, Head of the Mechanical Engineering Department, chaired the session. All faculty, handling the courses in the class, attended the meeting. Dr. P Sridharan (Associate professor and class tutor) gave the welcome address. Agenda points discussion was handled by Cdr. (Retd.) Raju K Kuriakose, Head of the Department.

PLACEMENT TRAINING



Time : 5 min

1. If 50 persons consume 300 Kg of wheat in 20 days, in how many days will 30 persons consume 150 Kg of wheat?
(a) 15 days (b) 16 days (c) $16\frac{2}{3}$ days (d) $15\frac{2}{3}$ days
2. If 30 labourers can build a wall 108 long in 6 days. What length of wall can be built by 50 labourers in 3 days ?
(a) 45 m (b) 90 m (c) 180 m (d) None of these.
3. If 15 men can reap a field in 35 days, in how many days will 21 men reap the field?
(a) 9 days (b) 25 days (c) $29\frac{1}{6}$ days (d) 49 days

Students from S6 ME participated in the online placement training organised by the Training and Placement cell of VJEC, from 23-03-2021 to 31-03-2021, from 3 pm to 5pm. 31 students attended the same. It was conducted in collaboration with the institute 'Insight Job Guru, Trivandrum'. Mr. Renjith Kesav and Mr. K Rahul were the resource persons. The campus recruitment process is a significant part of the institute, apart from the physical infrastructure and academic excellence. The Training and Placement Cell not only guides students to choose the right career but also motivates them to perform well during the hiring process.

PROGRAMMES ATTENDED BY FACULTY

Cdr. (Retd) Raju K Kuriakose (HOD, ME) attended the following programmes:

Workshop on AICTE exam reforms policy organised by IQAC, VJEC Chemperi on 04-03-2021

Mr. Mejo M Francis (AP, ME) attended the following programmes:

1. NAAC Sponsored National Seminar on "Enhancing Quality teaching Strategies Through Outcome Based Education" Conducted by EEE Dept. and IQAC, Kongu Engineering College, Erode from 02/03/21 to 03/03/21.

2. Workshop on "AICTE Exam Reforms Policy" conducted by IQAC, VJEC on 04/03/21.

3. NBA and KTU Sponsored Workshop on OBE Conducted by KTU on 09/03/21.

Dr. Sreekanth M P (AP, ME) attended the following programme:

One Day Online Workshop on "Design and Developments of Robots for Pandemic" organized by CIT, Coimbatore under TEQIP - PHASE III on 11 March 2021.

Mr. Gokulnath R (AP, ME) attended the following programmes:

1. Webinar on "Enhancing Quality Teaching Strategies through Outcome Based Education" organised by Kongu Engineering College, Perundurai 638 060, Erode district, Tamilnadu on 02-03-2021 and 03-03-2021.

2. Workshop on AICTE exam reforms policy organised by IQAC, VJEC Chemperi on 04-03-2021.

3. National Level Research Seminar on Green Energy-2021, organised by EEE Dept. VJEC on 20-03-2021.

Mr. Jerin Saji (AP, ME) attended the following programmes:

1. NAAC Sponsored National Seminar on "Enhancing Quality teaching Strategies Through Outcome Based Education" Conducted by EEE Dept. and IQAC, Kongu Engineering College, Erode from 02/03/21 to 03/03/21.

2. Workshop on "AICTE Exam Reforms Policy" conducted by IQAC, VJEC on 04/03/21.

3. NBA and KTU Sponsored Workshop on OBE Conducted by KTU on 09/03/21.

CONGRATULATIONS FOR THE ACHIEVEMENT

The following faculties from the Department of Mechanical Engineering, passed the examination of Module 1 - Orientation towards Technical Education and Curriculum Aspects", as a part of the training conducted by National Institute of Technical Teachers Training and Research.



Mr. Aji Augustine (AP, ME)



Mr. Jerin Saji (AP, ME)



Mr. Alex George (AP, ME)



Mr. Gokulnath R (AP, ME)

PLACEMENT



Mr. Akash Raju

Mr. Akash Raju of S8 ME, got placed in Lazim Software Ltd.

FAREWELL



Dr. T D John (Professor, ME and Dean Research, VJEC)

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