



VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

MECHNOVA



NEWSLETTER FROM THE DEPARTMENT OF MECHANICAL
ENGINEERING

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LATEST IN MECHANICAL ENGINEERING!!

Nano Technology

Nanotechnology is the manipulation of matter on a near-atomic scale to produce new structures, materials and devices. The technology promises scientific advancement in many sectors such as medicine, consumer products, energy, materials and manufacturing. It is defined as the manipulation of matter with at least one dimension sized from 1-100nm.

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VISION

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

MISSION

1. Provide a platform to the students towards attaining quality education in Mechanical Engineering.
2. Educate students about professional & ethical responsibilities and train them to build leadership and entrepreneurship qualities for their career development.
3. Create opportunities and guide students in acquiring career oriented jobs in the field of Mechanical Engineering.

CNC SKILL DEVELOPMENT TRAINING



The Department of Mechanical Engineering, VJEC organised CNC SKILL DEVELOPMENT TRAINING 12th to 26th October 2022 for S7 ME students. The course contents were, Introduction to the working of CNC control panel, Programming and Exercise on CNC lathe:-turning, taper turning, thread cutting, etc., Programming and Exercise on CNC milling machine: - surface milling, pocket milling, contour milling etc. Cdr. (retd.) Raju K Kuriakose (HOD, ME) was the convener. The event coordinators were Mr. Shaji George (AP, ME), Dr. Jithin E V (AP, ME) and Mr. Biju K J (CNC Technician).

PTA MEETING



PTA meeting of S3 ME was conducted on 02-11-2022, S7 ME on 03-11-2022 and S5 ME on 10-11-2022. Dr. Benny Joseph, Principal, VJEC addressed the parents and highlighted the unique features of VJEC like qualified and committed faculty members and the various infrastructural facilities that are provided to students. Raju K Kuriakose, HOD, Department of Mechanical Engineering, in his speech, mentioned the need and importance of conducting PTA meetings and of interaction of parents with teachers and importance of performing well in academics.. Mr. Sebastian K J, Public relations officer, VJEC, addressed the participants. A session exclusively for parent-faculty interaction was also held.

TEXPO22 AT GOVT. TECHNICAL HIGH SCHOOL, NADUVIL



A science and technical exhibition, “Texpo22” was conducted at Govt. Technical High school, Naduvil, on 29th October 2022. The event was inaugurated by Mr. C. M. Krishnan (President, Block Panchayat, Taliparamba). In this exhibition, the police department, excise department, fire & rescue department, engineering colleges, polytechnics, and ITIs displayed their innovative products/ideas through stalls provided in the event. Vimal Jyothi Engineering College, Chemperi, got a stall in this exhibition.

JYOTHIRGAMAYA



Vimal Jyothi Engineering College, Chemperi welcomed our first year students of 2020-24 batch with celebration of glory and pride on 25-10-2022. His Grace Mar Joseph Pamplany (Archbishop of Thalassery Archdiocese) inaugurated the function. Rev Fr. James Chellamkottu, Manager, VJEC , presided the event. Dr. Benny Joseph, Principal, VJEC, welcomed the gathering. The management representatives, HODs, staff, students and parents participated in the event. Students were given an insight on the Engineering education, about the college and also on how to excel in the academics and personal life so as for overall development.

STAFF ACHIEVEMENT



MR. BIJU K J

Mr. Biju K J (Lab staff, ME) successfully completed PDFDS (professional diploma in Fiber Optics & Digital Security System) Diploma from CCEK -Kerala Govt.

CAMPUS PLACEMENT



MR. ABHIJITH K P

Mr. Abhijith K P (S7 ME) has been selected for the position of Assistant System Engineer-Trainee at TATA Consultancy Services Limited (TCSL).

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: Ability to use advance design, modelling, analysis, manufacturing tools and techniques to provide a solution in mechanical engineering problems.

PSO2: Ability to design, develop, implement and manage a product development process.

Staff Editors:

MR. GOKULNATH R (ASST. PROF, ME), MR. ARUNLAL M P (ASST. PROF, ME)

Student Editors:

MS. ANJU M (S7 ME), MR. AKASH P (S7 ME)