



VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI

MECHNOVA



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LATEST IN MECHANICAL ENGINEERING!!

Smart manufacturing industry 4.0 and IoT (Internet of Things)

Smart manufacturing, easily put, is a manufacturing system that could have speed, structure, and accountability to resolve issues, to bring about a completely integrated, collaborative structure across all ends of the supply chain. It ensures a real-time response, to meet the ever-growing demands in customer needs and the changing conditions of the supply network. It is called Industry 4.0 as it is the fourth industrial revolution in which the idea of smart manufacturing comes.

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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

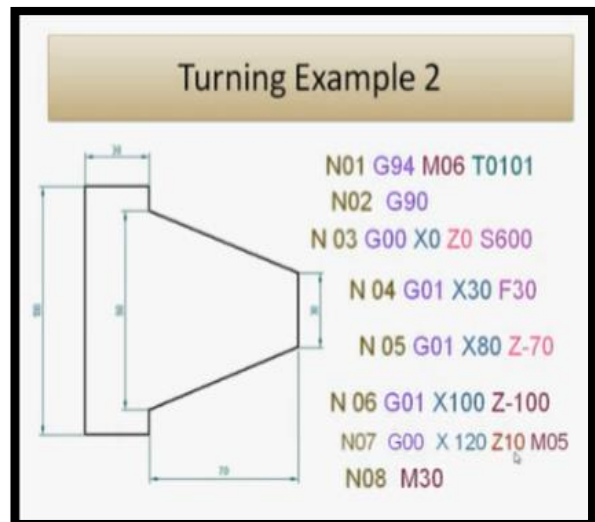
1. Provide a platform to the students towards attaining quality education in Mechanical Engineering.
2. Educate students about professional & ethical responsibilities and train them to build leadership and entrepreneurship qualities for their career development.
3. Create opportunities and guide students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

PTA MEETING



The PTA meeting for S3 ME 2020-2024 batch was held on 06th January 2022 at Msgr. Varikkat hall at 10 AM. PTA meeting of S5 ME was held on 06th January 2022 at 2 PM. Meeting of S1 ME was held on 21th January 2022. The meetings started by seeking blessing from the almighty. Cdr.(retd.). Raju K Kuriakose, HOD, Department of Mechanical Engineering, delivered the welcome speech. In his speech he mentioned the need and importance of conducting PTA meetings and of interaction of parents with teachers. 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. Fr. Lazar Varambakath, Bursar, VJEC and Mr. Sebastian K J, Public relations officer, VJEC, addressed the participants. A session exclusively for parent-faculty interaction was also held. 39 parents attended the meeting.

CNC SKILL DEVELOPMENT TRAINING



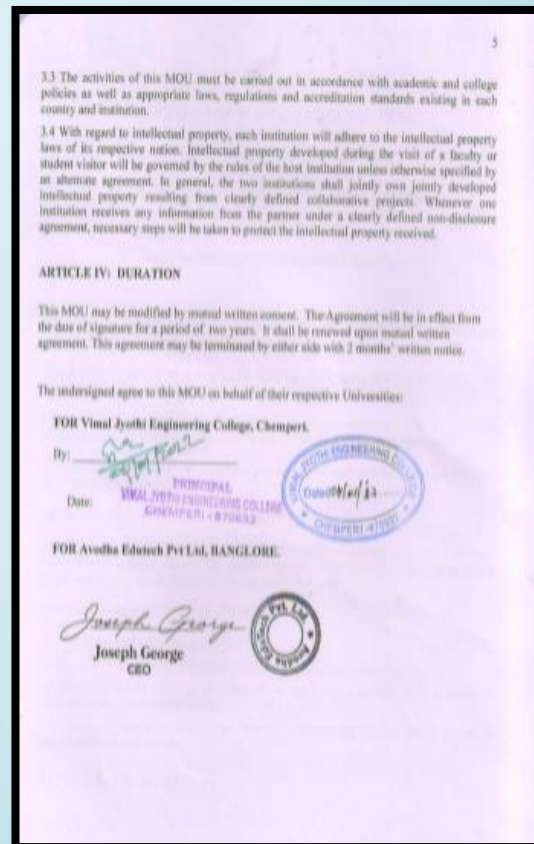
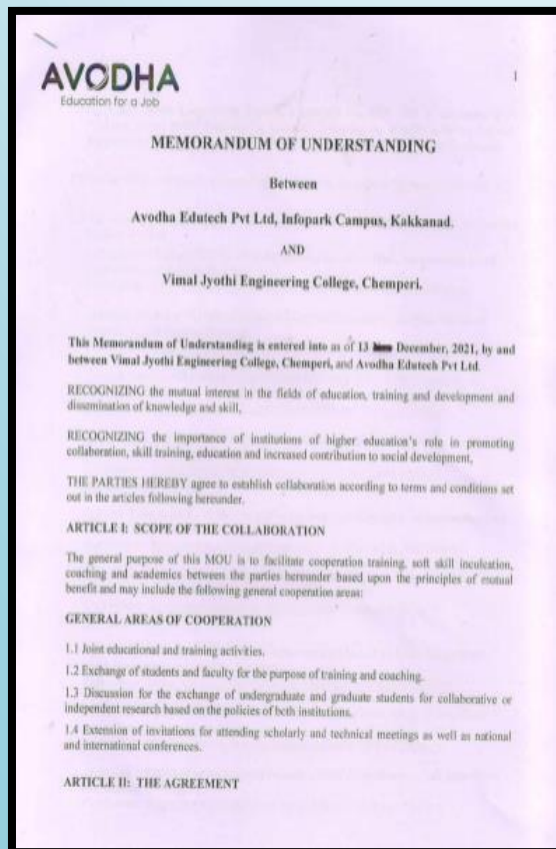
The Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi - , Kannur, organized a Career oriented CNC SKILL DEVELOPMENT TRAINING for S7 ME Students on 26-11-2021,3-12-21,4-12-2021,10-12-21,17-12-21. Twenty students participated in the Training. The convener of the program was Cdr. (Retd.) Raju K. Kuriakose, Head of the Mechanical Engineering Department, VJEC. The training was coordinated and handled by Mr. Shaji George (Assistant Professor, Department of Mechanical Engineering) and Mr. Biju K J (CNC Technician, Department of Mechanical Engineering) The course contents were,

- 1) Study and preparation of programming and exercise on CNC lathe:-turning, step turning, taper turning, thread cutting, ball and cup turning etc.
- 2) Study and preparation of programming and on CNC milling machine: - surface milling, pocket milling, contour milling etc.

MoU WITH AVODHA EDUTECH PVT LTD.

A Memorandum of Understanding is entered into as of 13th December, 2021, by and between Vimal Jyothi Engineering College, Chemperi, and Avodha Edutech Pvt Ltd. The general purpose of this MOU is to facilitate cooperation training, soft skill inculcation, coaching and academics between the college and the institution upon the principles of mutual benefit. Avodha is owned and operated by Avodha EduTech Private Limited. The company has gone on to revolutionize the skill development industry by building a vernacular skill development platform with over 20 courses spanning 5 languages. The company has also pioneered the use of data science to assemble course curriculum and routinely uses industry feedback to alter its skilling programs. This coupled with a robust placements infrastructure has enabled the rapid expansion of AVODHA.

AVODHA



ELECTED STUDENT CLASS REPRESENTATIVES

S1 ME



MR. JOEL SUNNY



MS. ANUMOL BINOY

S3 ME



MR. VAISHNAV P V



MR. VYSHNAV R

S5 ME A



MR. VIJAY KRISHNA A K



MR. VYSHAKH M

S5 ME B



MR. MILAN S CHALIL



MS. ANJU M

ELECTED STUDENT CLASS REPRESENTATIVES

S7 ME A



MR. SRIPIN PRADEEP M K

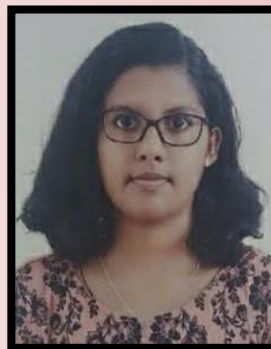


MR. ALAN SEBASTIAN

S7 ME B



MR. NIVED P



MS. SANDRA MARIA SAJY

S3 M-TECH



MR. AKHIL JOHN GIBSON

PAPER PUBLICATIONS

Dr. Sreekanth M P, assistant Professor, ME, VJEC, published the following papers.

1. A paper entitled "Investigation on mechanical properties for PolyJet-printed parts involving material reduction strategy" is published in the journal "International Journal of Rapid Manufacturing" (2021, Vol. 10, No. 1).
2. A paper entitled "Preliminary Prototype and Analysis of a Customized Handle for Winding Machine using Fused Filament Fabrication" in the "online technical sessions of 36th Indian Engineering Congress" organized by The Institution of Engineers (India), Kolakata during 15 - 16, December 2021.

FACULTY ACHIEVEMENT

CONGRATULATIONS



MR. DEEPAK KUMAR E

Mr. DEEPAK KUMAR E (Assistant Professor, Department of Mechanical Engineering, VJEC) secured admission for PhD, in IIST Trivandrum.

GLIPMSES OF DEPARTMENT CHRISTMAS CELEBRATION



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. Alex George (Asst. Prof, ME)

Student Editors:

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