



VSB COLLEGE OF ENGINEERING TECHNICAL CAMPUS

(Approved by AICTE and Affiliated to Anna University)

NH-209, Coimbatore-Pollachi main road, Ealur Pirivu, Solavampalayam (PO),
Coimbatore – 642109, Tamil Nadu, INDIA



Department of Mechanical Engineering

News Letter

(Academic Year: 01.07.2021-31.12.2022)

About the Department

One of the founding departments of VSB College of Engineering Technical Campus, the Mechanical Engineering Department has played a leading role in evolving an 'Engineering Science' based curriculum. Today, the department of mechanical engineering of VSBCETC attracts and features an extraordinary rich diversity and quantity of talented individuals. The Department of Mechanical Engineering is established in the year 2012 and offers an UG Course, B.E. Mechanical Engineering with a Sanctioned intake of 60 Seats. The department is specifically concerned with design, development, installation, operation and maintenance of just about anything that has moveable parts. Mechanical Engineering discipline involves Analysis, Design, and Manufacturing & Maintenance of Mechanical systems. Students of Mechanical Engineering are exposed to concepts in Mechanics, Kinematics, Thermodynamics, Fluid Mechanics, Energy conversion & conservation, etc. Wherever there is manufacturing process, a Mechanical Engineer will play a role. We edify our students to do even an ordinary thing in an extra-ordinary way, so that they contrive their new challenges, dream high and work hard with faith, concentration and determination.

Department Vision

To be recognized as a Centre of Excellence in Mechanical Engineering Education and Research.

Department Mission

- **Mission1:** To impart quality education to the students with practical exposure by developing linkages with industries.
- **Mission2:** To enhance the students' skills through imparting fundamental principles in Mechanical Engineering to make them globally competitive Mechanical Engineers and to prepare them for diverse careers.
- **Mission3:** To motivate students to excel by augmenting their entrepreneurial skills to serve the society better.
- **Mission4:** To promote research activities through encouraging the faculty members and students to do innovative projects, attend conferences, development programs and to accomplish publications on emerging trends.

Programme Educational Objectives

- **PEO1** - Graduates will be a technically advanced workforce as successful professionals in the wide range of Mechanical Engineering and related fields.
- **PEO2**— Graduates will be effective collaborators and innovators, leading in efforts to address social, technical and business issues.
- **PEO3** – Graduates will engage in life-long learning and professional development through self-study, continuing education or graduate and professional studies in engineering and business.

Programme Outcomes

- **PO1-** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2-** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO3-** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **PO4-** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5-** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **PO6-** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- **PO7-** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8-** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9-** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10-** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11-** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO12-** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

About the Course

Mechanical Engineering addresses the analysis and development of technological systems involving motions and allows people to harness the energy and forces that exist in nature to provide for the needs of society. Mechanical Engineers are responsible for the conception, design, manufacture, control, maintenance and management of such systems. Mechanical systems may comprise mechanisms or machines made up of moving components or involve fluid flow within or around solid structures to impart forces or energy interactions. These could range from micro-mechanical devices to massive power generating turbines. From a jet aircraft to an air conditioning plant, from tunneling machines to body-scanners and from a technical consultancy to financial services, mechanical engineers deal with the design and production of machines, systems and structures that are taken for granted in the modern world. The range and diversity of career choice Mechanical Engineers is consequently tremendous.

Our Students Achievements in Results



II Year MECH

- ✓ **THAMILSELVAN.S- 8.88 CGPA**
- ✓ **NAVEEN PRASANTH.P- 8.80 CGPA**
- ✓ **KABILESHWARAN.T- 8.62 CGPA**

III Year MECH

- ✓ **LAVANYA.P.A- 9.18 CGPA**
- ✓ **KAMALESH.K.B- 8.81 CGPA**
- ✓ **SUDHAKAR.N- 8.77 CGPA**

IV Year MECH

- ✓ **TAMILSELVAN.V- 8.4 CGPA**
- ✓ **GOPINATH.M- 8.2 CGPA**
- ✓ **ROVIN.M- 8.16 CGPA**

Number of students placed. (1.7.2021– 31.12.2021)

S.No	Name of the student	Year / Branch	Name of the company	Salary Package (in Lakhs per annum)	Date
1	GOBINATH M	IV MECH	DXC,CTS,CTS,WIPRO	4,00,000	7-9-2021
2	GOKUL R	IV MECH	DXC,TCS,WIPRO	4,00,000	7-9-2021
3	NIKIL AKSHAY R	IV MECH	CTS,WIPRO	4,00,000	7-9-2021
4	GOWTHAM M	IV MECH	CTS	4,00,000	6-10-2021
5	ABHISHEK PRIYAN T U	IV MECH	WIPRO	3,50,000	7-9-2021
6	KANALKANNAN G	IV MECH	WIPRO	3,50,000	7-9-2021

7	Naveen Kumar.V	IV MECH	QUEST GLOBAL,WIPRO	3,50,000	7-9-2021
8	SANJURAJ K	IV MECH	WIPRO	3,50,000	7-9-2021
9	SELVAKUMAR B	IV MECH	TCS,WIPRO	3,50,000	7-9-2021
10	MANOJ P	IV MECH	QUEST GLOBAL	3,25,000	25-9-2021
11	AJAYAKUMAR S	IV MECH	FACE PREP	3,06,000	22-9-2021
12	KUMARA ABIN B	IV MECH	FACE PREP	3,06,000	22-9-2021
13	VIJAYASHANKAR C	IV MECH	FACE PREP	3,06,000	22-9-2021

Number of students gone for higher studies.(Academic Year 2021-22)

S.No	Name of the student	2020 passed out Batch / Previous Batch	Name of the PG course joined	Name of the College
1	DINESHKRISHNA.D.K	2021 passed out	MBA	VSB Engineering College, Karur
2	KARMUKIL.K	2021 passed out	MBA(Part Time)	Bharathiar university, Coimbatore
3	NAVEENKUMAR.S	2021 passed out	Marine	Coimbatore Marine college, Coimbatore
4	YUVANESSANKAR.R	2021 passed out	MBA(Part Time)	Bharathiar university, Coimbatore

Industry interaction - MoUs/ Industry supported lab

S.No	Name of the faculty	Name of the Company	Details/ Year
1	Dr.T.VENKATAJALAPATHI	M/s. Selvam Engineering Works	November 2021

Name of the FDP/STTP/Online certification courses/ Online Interview attended by faculty members (including online courses). – Pantech, NPTEL, etc.,

S.No	Name of the Faculty member	Branch	Name of the course	Name of the organization conducted the programme	Period (From & To) / Date
1	Mr.Parthiban.N	MECH	Challenges and opportunities for research in Mechanical engineering: Present and future.	Karunya Institute of technology and sciences	20.09.2021-24-09-2021
2	Mr.Parthiban.N	MECH	Sheet metal Design in Solid edge	ICT Academy	27.09.2021- 1-10-2021

Teachers are people who start things they never see finished, and for which they never get thanks until it is too late.— Max Forman

Thank You