

MECH VIDYA

Bi-Annual News Letter

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VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
An Autonomous Institute
Aziz Nagar Gate, C.B. Post, Hyderabad
<http://vjit.ac.in/mechanical/>
DEPARTMENT OF MECHANICAL ENGINEERING

Editorial Board

Dr. G.Sreeram Reddy,

Head of the Department, MED

Dr.V.V.Satyanarayana

Professor, MED

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Editor, Assistant Professor, MED

I Sai Rohit (21911A0309)

Student Coordinator

Patrons

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Correspondent, VJES

Dr. E. Sai Baba Reddy

Principal, Director, VJIT

Dr. A. Padmaja

Dean, VJIT



From Correspondent's Desk

I congratulate Dr. G. Sreeram Reddy and his team for the achievement of National Board Of Accreditation (NBA) for a period of 3years. I wish them All The Best for the Future Endeavour.

Dr. P. Rajeshwar Reddy, Correspondent, VJES



From Principal

I extend my hearty congratulation to the Mechanical Engineering Department on the successful completion of their Accreditation Process and getting Accredited for 3years.

Dr. E. Sai Baba Reddy, Principal VJIT



Message from Dean

I appreciate and congratulate whole heartedly the efforts of the Mechanical Engineering Department for their hard work they put for the Accreditation and subsequent achievement of Accreditation for 3years.

Dr. A Padmaja, Dean VJIT

Overview of the Department

Mechanical Engineering has been on an integration phase with other disciplines of Science and Technology for the past few decades and offers many challenging career opportunities for the students. The Department of Mechanical Engineering in VJIT was established in 1999 and is accredited by NBA in 2018 & reaccredited till June 2025.. Going by the technological advances the Department has been actively engaged in transforming the learning systems and creating a sound knowledge base in the minds of the students. Innovations, hands-on-workshops, community projects & industry internships fine tune the students into industry ready.

Program Assessment Committee

Department of Mechanical Engineering has constituted Program Assessment Committee with the following members:

S.No	Name	Designation	Position
1	Dr. Sreeram Reddy	HOD	Chairman
2	Dr. V.V.Satyanarayana	Professor	Convener
3	Dr. B. Ravinder Reddy	Associate Professor	Members
4	Dr.L.Madan Anand Kumar	Associate Professor	
5	Mr. K. Rajesh Kumar	Associate Professor	
6	Mrs. J Emeema	Associate Professor	
7	Mr. J. Pradeep	Assistant Professor	

Department Advisory Board

Department of Mechanical Engineering has constituted a Departmental Advisory Board with the following members for the academic year:

S.No	Name	Designation	Position
1	Dr. G. Sreeram Reddy	HOD & COE	Chairman
2	Dr. V.V. Satyanarayana	Professor	Convener & Program Coordinator
3	Dr. B. Ravinder Reddy	Associate Professor	Members
4	Dr. Naseeb Khan	Professor, Shadan Institute of Technology	
5	Mr. P. Ashok Kumar	Parent	
6	Mr. Chepuri Sai Teja	Student, 3rd year Mechanical	

LIST OF PROFESSIONAL SOCIETIES IN THE DEPARTMENT OF MECHANICAL ENGINEERING

- Indian Society for Technical Education (ISTE)
- Indian Institute of Welding (IIW)
- Industrial Engineering and Operations Management (IEOM)
- Society of Automotive Engineers (SAE)
- Institution of Engineers (India) (IE)

FDP Attended by faculty:

S.no	Name of the faculty	Name of the Event	Place	Duration
1	Dr.G.Sreeram Reddy	An International short term training program on "Recent Advancements in Fuel Cell and Hydrogen Storage"	ANURAG University	5 days
2	Dr.L.Madan Ananda Kumar	A Two Day National Workshop on "NBA-Outcome Based Education & SAR Filling"	JBREC, Hyderabad	2 days
3	Dr.V.Phanindra Bhogu	A Two Day National Workshop on "NBA-Outcome Based Education & SAR Filling"	JBREC, Hyderabad	2 days
4	Mr.N.Praveen	A FDP ON " Role of 3D printing in Digital Manufacturng"	ANURAG University	5 days
5	Mr.C.Naveen Raj	A FDP ON " Role of 3D printing in Digital Manufacturng"	ANURAG University	5 days
6	Mr.Mohd Amodi	An International short term training program on "Recent Advancements in Fuel Cell and Hydrogen Storage"	ANURAG University	5 days
7	Mr.P.Sampath Kumar	A Two Day National Workshop on "NBA-Outcome Based Education & SAR Filling"	JBREC, Hyderabad	2 days
8	Mrs.J.Emeema	A Two Day National Workshop on "NBA-Outcome Based Education & SAR Filling"	JBREC, Hyderabad	2 days

Research Publications

Faculty have published 05 technical papers in peer reviewed Journals with diverse specializations from materials to manufacturing methods

S N o	Name of the author	Title	Journal	Scopus / UGC	Month /Year	Volume
1	Dr.G. Sreeram Reddy Dr.V.V.Satyanarayana	Deviation analysis of reverse engineering freeform surface with rapid prototyping	APL Energy	Scopus	Nov 2023	Volume 2821 Issue 1
2	Dr G. Sreeram Reddy Dr.L.Madan Ananda Kumar	Design and development of metal with plastic replacement by reverse engineering	APL Energy	Scopus	Nov 2023	Volume 2821 Issue 1
3	Dr. J Jagadesh Kumar	Effect of Notch Geometry on the Fatigue Life of UNS S31803 Duplex Stainless Steel	IRJET	Google scholar	Sep 2023	Volume10 Issue 9
4	Dr. VV Satyanarayana	Design and Analysis of Penumatic Exo-skeleton Arm	IRJET	Google scholar	Sep 2023	Volume10 Issue 9
5	Dr. J Jagadesh Kumar	Effect of Al ₂ TiO ₅ Powder coating on the tribological, corrosion and mechanical properties of AISI 316L stainless steel	IOP Publishing	Google scholar	Jun 2023	Mater. Res. Express 10 0066511

Student achievements:

Department of mechanical engineering congratulates below students for being placed in various companies

Sno	Roll number	Student Name	Placed in
1	20911A0317	G Meghanath	Tata Strive
2	20911A0321	U.Harshavardhan	Cyient
3	20911A0322	Dhanraj Jakkula	Tata Strive
4	20911A0328	Keshav Choudhary	Whizzard
5	20911A0334	Md. Nawaz Ahmed	Tata Strive
6	20911A0335	Midde. Jagadeeshwar	Tata Strive
7	20911A0337	Md Asaduddin siddiqui	Tata Strive
8	20911A0344	Gopinath Panugothu	Aparna Property Mnagement
9	20911A0346	Manogna Pulipaka	Alliant Group,Cyient
10	20911A0348	Ramavath Rakesh	Tata Strive
11	20911A0349	Rathod yogeshwar	Aparna Property Mnagement,Tata Strive
12	20911A0350	Rishikesh kumar mandal	Cyient

13	20911A0353	SAIRAM SHETTY	Aparna Property Mnagement,Cyient
14	20911A0357	TANEERU SRINIVAS	Aparna Property Mnagement
15	20911A0360	Barla Vaishwik Reddy	Tata Strive
16	20911A0363	V. Deepak	Mahindra and Mahindra
17	20911A0364	VelugubantiAnil	EXCELR,Tata Strive
18	20911A0369	Divya reddy	Tata Strive
19	20911A0370	Y.pavan	Aparna Property Mnagement,Tata Strive,Listen lights
20	21915A0302	C prashanth	Aparna Property Mnagement
21	21915A0304	Gandepalli Mohan Sai	Aparna Property Mnagement
22	21915A0308	Mallavarapu Jaya Prakash	Aparna Property Mnagement,Tata Strive
23	21915A0309	MD NAVEED ALI	Cyient
24	21915A0312	PASULA MADHUKAR	Aparna Property Mnagement,Listen lights
25	21915A0313	Pathi Raghuv eer	Tata Strive,Mahindra and Mahindra
26	21915A0314	Pathalavath vinod kumar	Tata Strive
27	21915A0315	Pooja	Tata Strive
28	21915A0316	Puttapaka Trisha	Tata Strive,worley
29	21915A0317	SAKILAM SRUJAN KUMAR	Aparna Property Mnagement

Mr.I.Sai Rohit of Mechanical III Year Bearing Roll No 21911A0309 & his team has won 1st Price in KALAM Legacy Hackathon at T WORKS on 15 Oct 2023 organized by IEEE



Mr.I.Sai Rohit of Mechanical III Year Bearing Roll No 21911A0309 was Grand Finalist in Smart India Hackton on 20 Dec 2023 organized by Ministry of Education Government of India, AICTE



Information Bulletin for Students

- ✓ **GATE 2025 applications starts from August 28, 2024. Application form will be available on the GATE Online Application Processing System (GOAPS) portal**
- ✓ **The CAT (Common Admission Test) 2024 exam for MBA programs will be conducted on November 24, 2024 and the registration process starts from August 1, 2024**
- ✓ **Students of final year will be given the award for BEST Project depending upon the work done for their project.**

Vision of Department

To be recognized as a center of excellence in providing Mechanical Engineering education of international standards leading to well qualified engineers who are innovative, immediate contributors to their profession, successful in advanced studies and employable globally.

Mission of Department

To educate, prepare and mentor students to excel as professionals and grow throughout their careers in the field of Mechanical Engineering. This can be accomplished by:

Providing the facilities and environment conducive to a high quality education, strong foundation in the fundamental principles of Mechanical Engineering and preparing them for diverse careers.

Engaging in academic activities, which strengthen the students regional, national and international reputation.

Program Educational Objectives (PEOs)

PEO-I: Successful career in mechanical and allied industries through strong foundation in basic sciences, mathematics and engineering fundamentals.

PEO-II: Ability to update knowledge on dynamically changing industrial practices.

PEO-III: Capability to work in a global environment imbuing team spirit with ethical responsibility.

PEO-IV: Ability to enrich knowledge, communication and leadership skills through perpetual learning with zeal towards research.

“Live as if you were to die tomorrow. Learn as if you were to live forever.” — Mahatma Gandhi