

DEPARTMENT OF MECHANICAL ENGINEERING

Dt: 20.08.2026

XIX-University Formation Day Celebrations-2026

S.NO	Event/Item of Nomination	Count
1	Award for the colleges organized highest number of capacity building programs, Viz., FDPs, SDPs, Workshops, Seminars, National/International Conferences.	15

**FDPs/STTPs/Seminars/Workshops/Guest Lectures conducted
Academic Year 2025-26**

S. No.	Topic	Date	Name and Address of the Resource Person
1.	Guest Lecture on "Variable Refrigerent Flow (VRF) Technology"	31.07.2025	Sri U. Siva Satyanarayana, Proprietor, Sheetal Enterprises, Sitaramapuram, Vijayawada.
2.	Guest Lecture on "Advances in Low Temperature Applications"	31.07.2025	Sri U. Siva Satyanarayana, Proprietor, Sheetal Enterprises, Sitaramapuram, Vijayawada.
3.	One Day workshop on CREO Software	21.08.2025	Sri. Jagadeesh Gulibindala, Application Engineer, PTC Adroitec, Hyderabad.
4.	Seminar "INVESTOR AWARENESS PROGRAMME"	02.09.2025	Dr. O.A.R. Kishore, SEBI SMART INDIVIDUAL, Lecturer in Commerce SRR & CVR Govt Degree College, Vijayawada
5.	Seminar on "The Power of Spontaneous Communication"	10.09.2025	Dr. K. Nagi Reddy, Director, V. J. MARCONS PVT LTD., Hyderabad Telangana
6.	Seminar on "Higher Education"	11.09.2025	Dr. M. Yogitha, Behavioral coach & Principal consultant, Global Degrees (Education & More), Vijayawada

7..	Online Workshop on "Advanced Machine Learning and its applications in Mechanical Industry"	16.10.2025	Mr. Arunjit Chowdhury, CEO, Enterprise Building Training Solutions, Mumbai
8.	Guest Lecture on "AR/VR for Manufacturing"	17.12.2025	Dr. V. Vasu, Director, School of Smart Manufacturing & AI, NAMTECH, IIT, Gandhi Nagar, Gujarat
9.	Guest Lecture on "Entrepreneurship awareness in Mechanical Engineering"	20.01.2026	Sri PVK Reddy, Consultant, Founder Promoter and Chief Executive of PVK Engineers, Hyderabad
10.	Webinar on "Emerging Applications of 3D Printing in Biomedicine and Its Future Potential"	07.03.2026	Dr. Anil Kumar Birru, Associate Professor & Former Head, Department of Mechanical Engineering, NIT Manipur
11.	Technical talk (Guest Lecture) on "Cooling Technology"	18.03.2026	Mr. Sobhan Kumar Pothana, Managing Director, Super Cool Services (Specialists in R & AC), Prasadampadu, Vijayawada
12.	Seminar on "Role of ASME in Professional Development of Mechanical Engineering Students"	10.04.2026	Ms. Sharmishatha, Senior Coordinator, Memberships and student sections of ASME, New Delhi
13.	Online Two Week SAGTE sponsored Faculty Development Program on Mech Fusion- Exploration of Interdisciplinary innovations	from 27.04.206 to 07.05.2026	Dr.V.Vasu, NIT Warangal, Dr.Gunji Bala Murali, VIT Vellore, Dr.Kiran Kumar Naik, NIT Rourkela, Dr.G.Venkatesh, NIT Warangal, Venkat Reddy,CEO,TECH Team, Dr.R K Raj Singh ThaparUniversity, Dr.Kamal Captain SNIT Surat, R,Bheekya Naik NIT Raipur, Dr.Amit SVNIT Surat, Dr.R V S S Prasad Pavani Engineers PVT Limited, Dr.Mrinal Bhowmik, NIT Manipur, Dr.Rama Krishna NSTL, Dr.Benny karunakar, IITRooke,, Dr.Thella Babu Rao NIT Andhra

			Pradesh, Dr.Prudhvi Reddy Paresi, Abu Dhabi ,UAE, Dr.P.Phani Prashanthi, PVPSIT, Dr.K.Kishore Kumar,SC-F, NSTL, Dr.Ashok, NIT Delhi, Dr.P.Suresh Kumar, VIT Vellore, Dr.Rajesh SVNIT Surat, Dr.Anil Kumar Birru, NIT ManiPur, Dr.RaviShankar, IIT Tirupathi, Dr.Pamu IITGauhathi.
14.	Two-day International Conference on RECENT ADVANCES IN MECHANICAL AND INDUSTRIAL ENGINEERING (ICRAMIE-2026)	08.05.2026 and 09.05.2026	Keynote speakers: Dr. Elammaran Jayamani CEng MIMechE (UK) MISTE (India) Associate Professor of Mechanical Engineering, Faculty of Engineering, Computing, and Science, Swinburne University of Technology Sarawak campus, 93350 Kuching, Sarawak, Malaysia Dr. Aswani Kumar Bandaru, Marie Skłodowska Curie Fellow, Bernal Institute, School of Engineering, University of Limerick, Limerick, Ireland.
15.	Two-day Faculty Development Program (FDP) on Advanced Pedagogy	25.06.2026 and 27.06.2026	Mrs. E. Kavitha, Assistant Professor, Dr. KIV Vandana, Assistant Professor, Dr. M. Rajyalakshmi, Assistant Professor, Mr. Ch. Lakshmikanth, Assistant Professor, J. Surendra, Assistant Professor, Department of Mechanical Engineering, PVPSIT, Kanuru, Vijayawada.



(Dr. B. Raghu Kumar)

HEAD

Mechanical Engineering Department

PRASAD V. POTLURI

SIDDHARTHA INSTITUTE OF TECHNOLOGY

KANURU - VIJAYAWADA-520 007

Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 30.07.2025

Department of Mechanical Engineering is organizing a Guest Lecture on "**Variable Refrigerant Flow (VRF) Technology**" by Sri U. Siva Satyanarayana, Proprietor, Sheetal Enterprises, Sitaramapuram, Vijayawada on 31.07.2025 for IV-B. Tech. ME students from 11:00PM to 12:00 Noon in the Room number 107.

Hence all the IV -B. Tech Mechanical Engineering students are requested to attend the above programme without fail.



Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee



Dr. B. Raghu Kumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 067



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 30.07.2025

Department of Mechanical Engineering is organizing a Guest Lecture on **"Advances in Low Temperature Applications"** by Sri U. Siva Satyanarayana, Proprietor, Sheetal Enterprises, Sitaramapuram, Vijayawada on 31.07.2025 for III-B. Tech. ME students from 12:00 to 01:00 PM in the Room number 123.

Hence all the III -B. Tech Mechanical Engineering students are requested to attend the above programme without fail.



Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee



Dr. B. Raghu Kumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 067



DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 20.08.2025

Department of Mechanical Engineering is organizing **One Day workshop on CREO Software** by Sri Jagadish Gulibindala, Application Engineer, PTC Adroitec, Hyderabad on 21.08.2025 for IV-B. Tech. ME students and faculty in the CAD Lab room number 348.

Hence all the IV-B. Tech Mechanical Engineering students and faculty are requested to attend the above programme without fail.

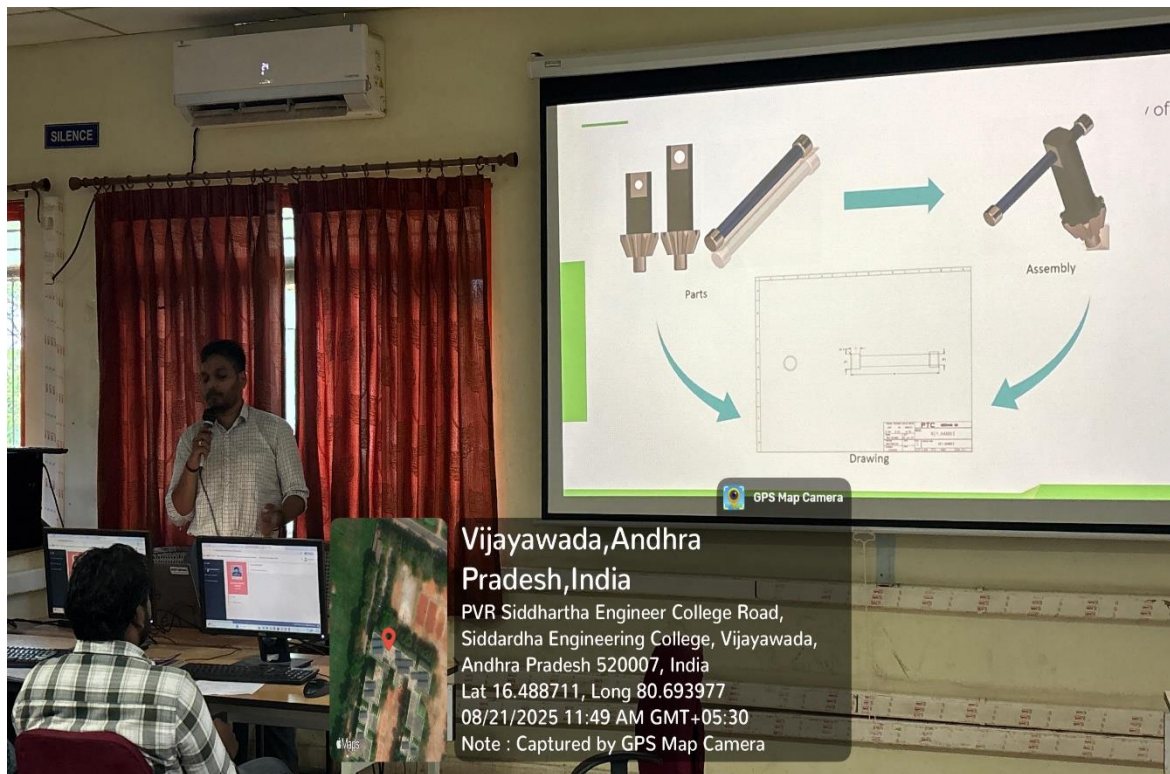


Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee



Dr. B. Raghunath Kumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU. VIJAYAWADA-520 007.



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 01.09.2025

Department of Mechanical Engineering is organizing a **"INVESTOR AWARENESS PROGRAMME"** by Dr. O.A.R. Kishore, SEBI SMART INDIVIDUAL, Lecturer in Commerce SRR & CVR Govt Degree College, Vijayawada on 02.09.2025 for II -B. Tech. ME students from 02:00 PM in the Room number-123A.

Hence all the above said Mechanical Engineering students are directed to attend this programme without fail.



Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee


1/9/25

Dr. B. Raghukumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 09.09.2025

Department of Mechanical Engineering is organizing a Seminar on “**The Power of Spontaneous Communication**” by Dr. K. Nagi Reddy, Director, V. J. MARCONS PVT LTD., Hyderabad, Telangana on 10.09.2025 for II, III & IV -B. Tech. ME students and faculty from 10:30AM to 12:00 Noon in the Ground floor seminar hall.

Hence all the above said Mechanical Engineering students are directed to attend this programme without fail.


Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee


Dr. B. Raghu Kumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PHASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 067



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 10.09.2025

Department of Mechanical Engineering is organizing a Seminar on “**Higher Education**” by Dr. M. Yogitha, Behavioral coach & Principal consultant, Global Degrees(Education & More), Vijayawada on 11.09.2025 for IV -B. Tech. ME students from 10:30AM to 12:00 Noon in the CAD lab room number 348.

Hence all the above said Mechanical Engineering students are directed to attend this programme without fail.


Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee


Dr. B. Raghu Kumar
HOD, Mech. Engg. Dept
HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 067



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 15.10.2025

Department of Mechanical Engineering is organizing an online Workshop on "Advanced Machine Learning and its applications in Mechanical Industry" by Arunjit Chowdhury, CEO, Enterprise Building Training Solutions, Mumbai on 16.10.2025 for IV -B. Tech. ME students from 10:00PM to 12:00 Noon in the CAD lab room number 348.

Hence all the above said Mechanical Engineering students are directed to attend this programme without fail.



Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee



Dr. B. Raghukumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 067

Industrial Revolution : Timeline

Industry 1.0	Industry 2.0	Industry 3.0	Industry 4.0	Industry 5.0
mechanization, water and steam power	mass production, electric power, assembly line	computers, automated production, electronics	cyber-physical systems, IoT, networking, machine learning	human-robot collaboration, cognitive systems, customization
1800	1900	2000	2010	2020

Vijayawada, Andhra Pradesh, India
 Fmqv+jg5, Chalasani Nagar, Kanuru, Vijayawada, Andhra Pradesh 520007, India
 Lat 16.488893° Long 80.693829°
 Thursday, 16/10/2025 10:21 AM GMT +05:30

Vijayawada, Andhra Pradesh, India
 Fmqv+jg5, Chalasani Nagar, Kanuru, Vijayawada, Andhra Pradesh 520007, India
 Lat 16.488875° Long 80.693794°
 Thursday, 16/10/2025 10:21 AM GMT +05:30

Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 16.12.2025

Department of Mechanical Engineering is organizing a Guest Lecture on "AR/VR for Manufacturing" by Dr. V. Vasu, Director, School of Smart Manufacturing & AI, NAMTECH, IIT, Gandhi Nagar, Gujarat on 17.12.2025 for III-B. Tech. ME students and faculty from 11:00 AM to 12:00 Noon in the Google meet platform.

Meeting link: meet.google.com/dmj-ykhh-iia

Hence all the III -B. Tech Mechanical Engineering students and faculty are requested to attend the above programme without fail.


Dr. Sd. Abdul Kalam

Guest Lectures & Seminar Committee


Dr. B. Raghu Kumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 067

Prof. VASU V NITW (Presenting, annotating)

People

Add people

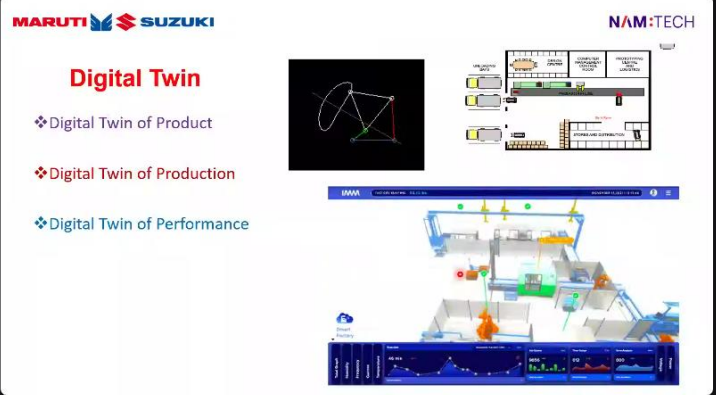
Search for people

IN THE MEETING

Contributors 59

- Prerana PVPSIT (You) Meeting host
- 22501A0218 DALAYI GA...
- 22501A0304 DAGGUPA...
- 22501A0323 PANCHADI...
- 23501A0201 AALA VINA...
- 23501A0203 AKULA SU...

11:20 | Guest lecturer on AR/ VR for Manufac...



Digital Twin

- Digital Twin of Product
- Digital Twin of Production
- Digital Twin of Performance

MARUTI SUZUKI NAM:TECH

meet.google.com/dmj-ykhh-iaa?authuser=0

Prof. VASU V NITW (Presenting, annotating)

People

Add people

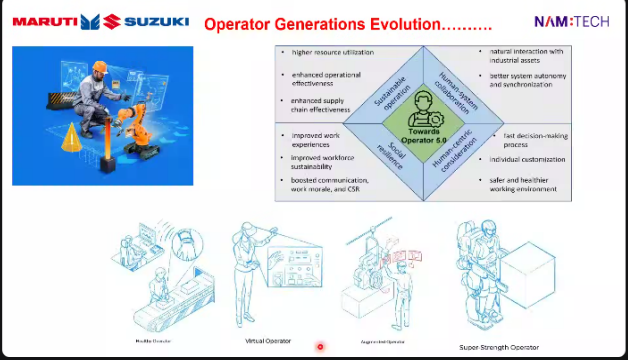
Search for people

IN THE MEETING

Contributors 56

- Prerana PVPSIT (You) Meeting host
- 22501A0218 DALAYI GA...
- 22501A0304 DAGGUPA...
- 23501A0201 AALA VINA...

11:24 | Guest lecturer on AR/ VR for Manufac...



Operator Generations Evolution.....

MARUTI SUZUKI NAM:TECH

Towards Operator 5.0

- Higher resource utilization
- Enhanced operational effectiveness
- Enhanced supply chain effectiveness
- Improved work experiences
- Improved workforce sustainability
- Boosted communication, work morale, and CSR
- Natural interaction with industrial assets
- Better system autonomy and synchronization
- Fast decision-making process
- Individual customization
- Safer and healthier working environment

Operator 4.0

Operator 5.0

Operator 6.0

Operator 7.0

Operator 8.0

Operator 9.0

Operator 10.0

Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 19.01.2026

Department of Mechanical Engineering is organizing a Guest Lecture on **"Entrepreneurship awareness in Mechanical Engineering"** by Sri PVK Reddy, Consultant, Founder Promoter and Chief Executive of PVK Engineers, Hyderabad on 20.01.2026 for II & III-B. Tech. ME students from 11:00AM to 12:00 Noon in the ground floor seminar hall.

Hence all the II & III -B. Tech Mechanical Engineering students are suggested to attend the above programme without fail.



Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee



Dr. B. Raghav Kumar
HOB, Mech. Engg. Dept



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 06.03.2026

Department of Mechanical Engineering is organizing a Webinar on **"Emerging Applications of 3D Printing in Biomedicine and Its Future Potential"** by Dr. Anil Kumar Birru, Associate Professor & Former Head, Department of Mechanical Engineering, NIT Manipur on 07.03.2026 for II & III-B. Tech. ME students and faculty from 11:00 AM to 12:00 Noon in the ground floor seminar hall

Hence all the II & III-B. Tech Mechanical Engineering students and faculty are requested to attend the above programme without fail.

Mode of interaction: Google meet platform.

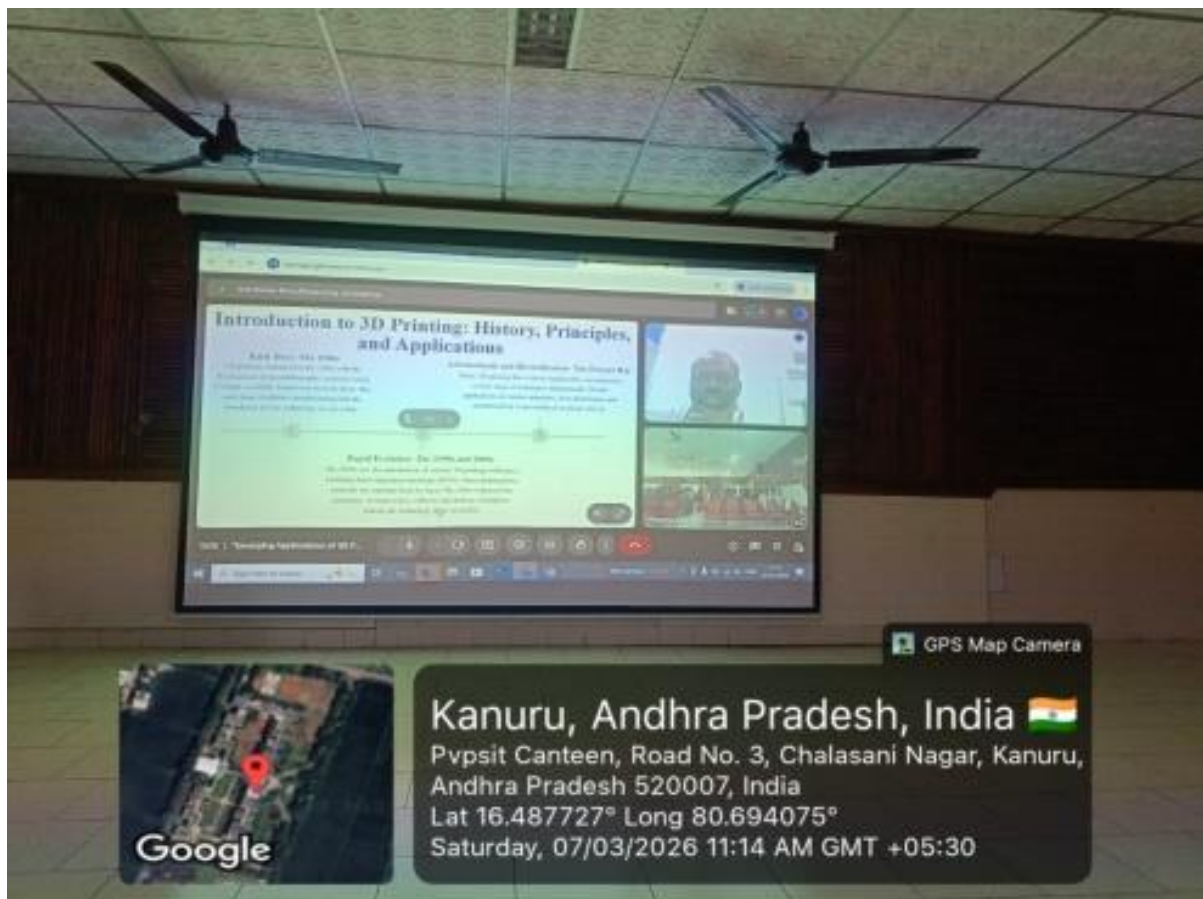


Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee



Dr. B. Raghav Kumar
Head, Mech. Engg. Dept.

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007.



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 17.03.2026

Department of Mechanical Engineering is organizing a Technical talk on "**Cooling Technology**" by Mr. Sobhan Kumar Pothana, Managing Director, Super Cool Services (Specialists in R & AC), Prasadampadu, Vijayawada on 18.03.2026 for III-B. Tech. ME students from 11:00 AM to 12:00 Noon in the room number 123.

Hence all the III-B. Tech Mechanical Engineering students are directed to attend the above programme without fail.


Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee


Dr. B. Raghu Kumar
Head, Mech. Engg. Dept.

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007



Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 09.04.2026

Department of Mechanical Engineering is organizing a Seminar on **"Role of ASME in Professional Development of Mechanical Engineering Students"** by Ms. Sharmishatha, Senior Coordinator, Memberships and student sections of ASME, New Delhi on 10.04.2026 for I & II-B. Tech. ME students from 03:30 PM to 05:00 PM in the ground floor seminar hall.

Hence all the I & II-B. Tech Mechanical Engineering students are directed to attend the above programme without fail.


Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee


Dr. B. Raghu Kumar
Head, Mech. Engg. Dept.
HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007.





PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

KANURU, VIJAYAWADA - 520 007.

(Sponsors : Siddhartha Academy of General & Technical Education, Vijayawada)

Affiliated to JNTUK, Kakinada (College Code : 50)

Approved by AICTE, Accredited by NAAC with 'A+' Grade

UG Programs are Accredited by NBA

An ISO 21001 : 2018 Certified Institution



Ref : PVPSIT/ME/50/320 / 2026

Date: 08.04.2026

To

The Secretary,
PVP Siddhartha Institute of Technology,
Vijayawada.

Respected Sir,

Sub: Request for sanction & release an amount of Rs. 75,000 /- towards
Two Week FDP from 27 April-07 May, 2026 -Reg.

With reference to the above subject, Mechanical engineering department is planning to conduct Two week FDP from 27 April - 07 May, 2026 on "MechFusion-Exploration of Interdisciplinary Innovations". An amount of Rs.75,000 is proposed in the budget 2025-26 for Mechanical Engineering Department. To conduct this FDP, I request you to sanction and release an amount of Rs.75,000.

Thanking You Sir,

Yours sincerely,

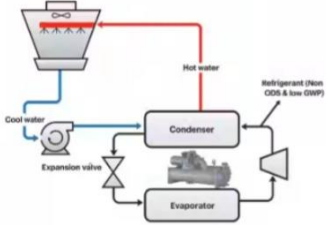
PRINCIPAL
PRINCIPAL
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007

B Kiran Naik (Presenting, annotating)



District Cooling For India: Study on Low-GWP Alternative Technologies





Dr. B. Kiran Naik and Mahesh Kumar Shriwas,
 Assistant Professor,
 Department of Mechanical Engineering &
 Department of Mining Engineering,
 National Institute of Technology (NIT) Rourkela,
 Rourkela – 769008 (Odisha), India.

Email: k.bukke@gmail.com ; naikkb@nitrrkl.ac.in

Webpage: <https://www.nitrrkl.ac.in/FacultyStaff/FacultyProfile/naikkb>

Aim: To evaluate low-GWP refrigerant options for chillers in large buildings and guide India's transition to sustainable, energy-efficient cooling.

Scope: Evaluate refrigerant technologies, performance, safety, retrofit feasibility, policy/standards, case studies, and market enablers to support nationwide adoption.

10:08 | pih-ejtt-vqr

Activate Windows
Go to Settings to activate Windows.

Dr. Thella Babu Rao (Presenting, annotating)

CHALLENGES

SNR Characteristics of TCM Sensors

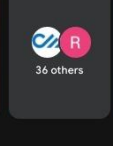
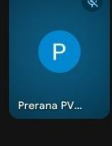
Sensor Type	Typical SNR (dry)	SNR Degradation (flood coolant)	Primary Noise Source
Acoustic emission (AE)	25-35 dB	-12 to -18 dB	Coolant flow turbulence, structural resonance.
Triaxial accelerometer	30-40 dB	-5 to -8 dB	Machine spindle harmonics, fixturing resonance.
Piezoelectric dynamometer	35-45 dB	Minimal (<2 dB)	Thermal drift, cross-talk between axes.
Spindle current sensor	20-30 dB	Minimal (<1 dB)	Electrical noise, inverter switching harmonics.
Vision / optical	N/A (direct)	Severe (chip/mist occlusion)	Chip cloud, coolant mist, depth-of-field limits.

AI-Enabled TCM | Dr. Thella Babu Rao | NIT Andhra Pradesh







11:39 | Mech Dept Online 2 week FDP from 27 Ap...

11:39
04-05-2026



Chief Patrons

Sri M. Rajayya

President, SAGTE, Vijayawada

Sri P. Lakshmana Rao

Secretary, SAGTE, Vijayawada

Sri V. Nagabhushana Rao

Convenor, PVPSIT, Vijayawada

Dr K. Sivaji Babu

Principal, PVPSIT, Vijayawada

Patrons

Dr.B.Raghu Kumar, Prof & HOD

Department of ME, PVPSIT

Dr M.S.R. Niranjan Kumar, Professor,

Department of ME, PVPSIT

Convener

Dr P. Phani Prasanthi, Professor,

Department of ME, PVPSIT.

Co convener

Dr.K. Ravi Prakash Babu, Associate

Professor, Department of ME, PVPSIT

* Under Communication



Golden Jubilee Celebrations of Siddhartha

Academy of General &

Technical Education (SAGTE)

About Conference

ICRAMIE-2026 is the Fourth International Conference on Recent Advances in Mechanical and Industrial Engineering. The aim is to provide a platform for academics, researchers, scientists, practising engineers, industry experts, research scholars, and students to explore the latest advancements in the fields of Mechanical and Industrial Engineering.

IMPORTANT DATES

Extended Abstract Submission 30-3-2026

Notification to Authors: 05-04-2026

Full Paper Submission: 20-4-2026

Revision Submission: 25-4-2026

Early Bird Registration: 30-4-2026

You

Auditorium,

Prasad V Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada,
Andhra Pradesh, India - 520007

International Conference on Recent Advances in Mechanical and Industrial Engineering 2026

ICRAMIE -2026

PRASAD V. POTLURI
SIDDHARTHA INSTITUTE
OF TECHNOLOGY



THEMES

MANUFACTURING/INDUSTRY

- Advanced Manufacturing Processes
- Additive Manufacturing
- Industry 4.0
- Conventional Machining Processes
- Non-conventional Machining
- Processes/Micro Machining
- Materials Processing
- Primary and secondary atomization

MATERIALS

- Nano Materials
- Advanced Composite Materials Materials Characterization
- Polymer composites
- Metal matrix composites
- Functionally graded materials Renewable Materials
- Advanced Computational materials Bio Materials
- Advanced Energy
- Materials/Metals,
- ceramics & polymers

FLUID AND THERMAL

- Heat and Mass Transfer
- Refrigeration & Air Conditioning
- Heat Exchangers
- Flow measurements
- Non-Conventional Energy Resources
- Combustion & Pollution
- Colloidal and Suspensions
- IC Engines
- Fuels
- Computational Fluid Dynamics

DESIGN

- Computational Mechanics
- Materials failure analysis
- Engineering Optimization
- Finite element analysis
- Machines and Mechanisms
- Lightweight automobiles
- Mechanics of Composites
- Product design & development
- Fatigue and Creep
- Robotics
- Tribology
- Vibrations
- Fracture Mechanics & Vehicle Dynamics

TECHNICAL COMMITTEE

Dr. Gujjala Raghavendra, NIT Warangal
 Dr. Nikhil Gupta - New York University, USA
 Dr. Sri Bandyopadhyay - UNSW, Australia
 Dr. Marcin Sloda - AGH, Poland
 Dr. P. Venkateswara Rao, UWI, West Indies
 Dr. Aneta Krzyzak, MUA, Poland
 Dr. Prabhakar R M. - University of Mississippi, USA
 Dr. Manoj Gupta - NUS, Singapore
 Dr.S.P Singh, IIT Delhi
 Dr. Indradip Singh, IIT Roorkee
 Dr. S. K. Acharya, NIT Rourkela
 Dr. R. K. Pandey, IIT Delhi
 Dr. A. S. Sekhar, Director, IIT Palakkad
 Dr.Mihir Sarangi, IIT Kharagpur
 Prof. V. Venkateswara Rao, IIT Bombay
 Prof. Mimila Ravishankar, IIT Tirupati
 Dr. Shakunthala O., KITS Warangal
 Dr. Apparao T., NIT Warangal
 Dr. Shailesh Kundalwal, IIT Indore
 Dr. Ganesh Tamadapu, IIT Chennai
 Dr. Murshid Imam, IIT Patna
 Dr. Kammani Subbu, IIT Palakkad
 Dr. Azeez P., NIT Warangal
 Dr. Syam Prasad, NIT Warangal
 Dr. Benerjee Babu, NIT Warangal
 Dr. Vinay Kumar, NIT Warangal
 Dr. R. Suresh Kumar, NIT Raipur
 Dr. S. K. Pal, NIT Rourkela
 Dr. B. B. V. L. Deepak, NIT Rourkela
 Dr. G. Srivivas, NIT Raipur
 Dr. M. Heeralal, NIT Warangal
 Dr. I. Ramu, VIT Bhimavaram

CORE COMMITTEE

Dr. K. Srividya, PVPSIT
 Mr. U. Koteswara Rao, PVPSIT
 Dr. M. Naga Swapna Sri, PVPSIT
 Dr. Abdul Kalam, PVPSIT
 Dr. P. Anusha, PVPSIT
 Dr. K.L.V. Vandana, PVPSIT
 Dr. M. Rajya Lakshmi, PVPSIT
 Mr. G. Bala Krishna, PVPSIT
 Mr. T. Sri Nag, PVPSIT
 Mr. Raghu Ram, PVPSIT
 Ms. E. Kavitha, PVPSIT
 Mr. K. Venkata Rao, PVPSIT
 Mr. Ch. Lakshmikanth, PVPSIT
 Mr. Ch. Mohan Sumath, PVPSIT
 Mr. P. Gopala Krishnah, PVPSIT
 Mr. T. J. Prasanna Kumar, PVPSIT
 Mr. J. Surendra
 Ms. V. Sravani

Category	Registration Fees	Publication charges
Student	1000 INR	6000 INR
Faculty	2000 INR	6000 INR
Industrialist's (R&D)	3000 INR	7000 INR
Attendee	2000 INR	-
Foreign Delegate	100 USD	200 USD

Dr. Phani Prasanthi P

(Conference convener)

+91-9032963948, +91-7780555810

Ms. V. Sravani

+91-7675843272

ppprasanthi@pvsiddhartha.ac.in



10:09 | International Conference - ICRAMIE

Introduction

The International Labour Organization defines the requirements for Education and training in the new Global economy simply as "Basic Education for All", "Core Work Skills for All" and "Lifelong Learning for All".

Sustainable Development Goal (SDG4) is the UN's 2030 agenda for education, aiming to 'ensure inclusive and equitable quality education and promote lifelong learning opportunities for all'.

The 4C's of Education

Communication, Critical Thinking, Creativity, Collaboration

Participants:

- Kavitha Varikola
- Elammaran Jaya...
- ICRAMIE 2026
- Koteswara Rao U...
- Raghu Kumar Ba...
- Sri Vidya
- Dr. Asha K ECE
- 9 others
- Prerana PVPSIT

10:09 AM 5/8/2026

Guest Lectures & Seminar Committee

DEPARTMENT OF MECHANICAL ENGINEERING

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU

CIRCULAR

Date: 24.06.2026

Department of Mechanical Engineering is organizing a two day Faculty Development Programm (FDP) on “**Advanced Pedagogy**” for the faculty of Mechanical Engineering on 25.06.2026 and 27.06.2026 in the Dassault Lab.

Hence all the faculties of Mechanical Engineering are requested to attend the above programme without fail.

Timings of the programme: Forenoon Session: 10:00 AM to 12:00 Noon

Afternoon Session: 2:00 PM to 4:00 PM

Note:- Faculty who trained on this topic by NITTTR experts are the resource persons.'

Dr. Sd. Abdul Kalam
Guest Lectures & Seminar Committee

Dr. B. Raghav Kumar
HOD, Mech. Engg. Dept

HEAD
Mechanical Engineering Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANIGAL, VILAYAWADA-520 067

