



Suresh Angadi Education Foundation's
ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Savagaon Road, Belagavi – 590 009.

Approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi)



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E-Newsletter



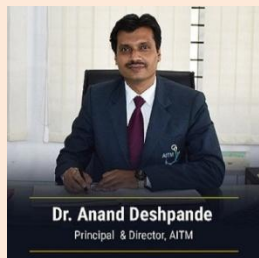
Department of Mechanical Engineering

E – Newsletter -2024-25

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Message from: Principal & Director

Dr. Anand Deshpande



An Institute is assessed on the basis of the Academic ambiance and outcome of the system in terms of performance and achievements of the students and staff in teaching-learning, research, innovation, Placements, and results. AITM has been known for its Academic credentials coupled with holistic growth in all directions. The new generation of competent minds must imbibe knowledge and practically they should comprehend the art of balancing brilliant technical, managerial communication, and interpersonal skills, nest. The Institute has achieved a series of milestones with the help of brilliant students, dedicated staff, and encouraging Management. We promise a wonderful experience of rich Academic and Excellent facilities coupled with professional practices and blended with an affectionate concern for our Students.

Message from: HOD

Dr. Malagouda Patil



Mechanical Engineering Department at Angadi Institute of Technology and Management, Belagavi. We started our journey in the year of 2010. Over the last 13

years, we have grown our expertise and competence in the core Mechanical Engineering curriculum and research. At present the Department is running with UG program with 60 intake, PG program in (PEST with sanctioned intake of 12 and R&D cell recognized by the VTU. The department with a cutting edge resources and competent faculty members. The UG and PG program

provides an excellent opportunity to learn the fundamentals of mechanical engineering in various domains of mechanical engineering.

❖ Institute Vision and Mission

Vision:

To become a premier institute committed to academic excellence and global competence for the holistic development of students.

Mission:

- M1:** Develop competent human resources, adopt outcome-based education (OBE) and Implement cognitive assessment of students.
- M2:** Inculcate the traits of global competencies (such as domain expertise, Accountability, ethics, problem solving ability, communication skills, leadership Qualities and life-long learning) amongst the students.
- M3:** Nurture and train our students to have domain knowledge, develop the qualities of global professionals and to have social consciousness for holistic development.

❖ Department Vision and Mission

Vision:

To impart quality education in Mechanical engineering by developing the core competencies to meet the diverse needs of global challenges.

Mission:

- M1:** Educate our students with domain knowledge and practical skills by qualified faculty in tune with technological developments.
- M2:** Adopt student-centric learning techniques to develop analytical and problem solving-skills.
- M3:** Develop a conducive atmosphere to make the students imbibe professional skills to foster the leadership traits and lifelong learning.

❖ Program Specific Outcomes

PSO1: Apply the fundamentals of mathematics, engineering sciences and principles of mechanical engineering (design, thermal sciences, fluid mechanics, manufacturing, etc.) to analyse, design and optimize engineering systems and industrial processes.

PSO2: Apply the knowledge of automation, robotics, CAD/CAM, mechatronics, material science, renewable energy, EV, AI, IOT, etc. to develop pragmatic solutions for mechanical and interdisciplinary engineering applications to bolster the careers of students in industry, research and entrepreneurship.

PSO3: Cultivate ethical and universal human values, and imbibe management techniques to cater to the needs of industry and society at large.

❖ Program Education Objectives

PEO1: Apply the fundamentals of mathematics, science and mechanical engineering concepts to analyse, formulate, and solve complex engineering problems in Industries, research and academia.

PEO2: Demonstrate the ability to design and develop efficient, reliable and innovative mechanical systems that are environmentally sustainable, socially responsible and aligned with industry standards.

PEO3: Employ modern engineering tools, techniques and emerging technologies in Collaborating multidisciplinary domains to address industrial and societal challenges.

PEO4: Exhibit ethical values, effective communication, resilience and leadership qualities while pursuing a professional career contributing to Sustainable development Goals (SDGs) and social well-being.

PEO5: Understand the efficacy of lifelong learning, and develop managerial and entrepreneurial abilities to become competent professionals and industry leaders at a global level.

Department Activities.

Induction Program for 3rd Semester Mechanical Engineering Students at AITM.

The **Department of Mechanical Engineering**, Angadi Institute of Technology and Management (AITM), Belagavi, organized an **Induction Program** for **3rd Semester Mechanical Engineering** students on **8th October 2025**. The program aimed to familiarize the students with the academic, ethical, and professional guidelines of the institute. It also served as a platform to introduce them to various aspects of their academic journey, departmental culture, and opportunities for personal and professional development.

The inaugural address was delivered by **Dr. Malagouda Patil**, Head of the Department (HOD), Mechanical Engineering. Dr. Patil commenced the program by welcoming the students and providing a comprehensive introduction to the institute and the department. This was followed by **Mr. Krishnakumar A. Jere** (Academic Coordinator, ME Dept.), who gave an in-depth briefing on the Visvesvaraya Technological University (VTU) guidelines that regulate academics and examination procedures. **Mr. V. Sushantkumar** shared valuable insights on mini projects and NPTEL courses aimed at enhancing students' technical skills.

Mr. R. H. Angadi concluded the induction program by highlighting the importance of

internships, social responsibility, AICTE Activity Points, emphasizing their role in the holistic development of students.



Industrial Visit- AKP Foundries Pvt Ltd

The Department of Mechanical Engineering organized an industrial visit for the 3rd Semester students to A K P Foundries Private Limited, Udyamabag, Belagavi, on 16th October 2025.”

The visit to **A K P Foundries Pvt, Ltd** was an exceptional and insightful experience for the mechanical engineering students, who were accompanied by the department faculty members. AKP Foundry is a Ductile Iron & Gray Iron foundry established in 1978. This Industry is one of the leading Foundries in India for Iron castings. We specialize in Engine Components, Compressor Parts & Other Industries. Our company distinguishes itself by its high level performances in the precision Ductile & Gray iron casting industry.

Through this visit, the students gained valuable insights into various Micro, Small, and Medium Enterprises (MSMEs) and learned about skill enhancement techniques in Foundry Technology and Material Science Engineering. The industrial visit greatly helped the students in understanding the concepts of manufacturing processes in the field of Mechanical Engineering

This **Industrial Visit** forms a key element of the curriculum, reflecting AITM's commitment to holistic education. Such initiatives aim to extend learning beyond classroom settings, fostering a gap between Institute and Industry.

We sincerely thank our Management, **Dr. Snoorti Patil**, Director SAEF, **Shri Raju Joshi**,

Administrator SAEF, **Dr. Anand Deshpande**, Principal & Director AITM, and **Dr. M. K. Patil**, Head of the Mechanical Engineering Department, for their unwavering support and guidance. The Industrial Visit was coordinated by Prof. R H Angadi, Prof. K A Jere, Prof. Rahul Sheri, Assistant professor of Mechanical Engineering department.



Study Tour

Social Connect and Responsibility

The Department of Mechanical engineering organized a study tour for 3rd Semester students to **Halashi and Nandagad is a historical village in Belgaum district in the southern state of Karnataka** Belagavi, on **14th November 2025**.

The visit to **Halashi and Nandagad** was a unique and enlightening experience for the mechanical engineering students, accompanied by department faculty members. This community truly embodies the philosophy of "**Heritage walk and Crafts corner tree grafting, Water Conservation at Nandagad.**"

Through this visit, students gained a profound understanding of the heritage walk by exploring the Shri Lakshmi Narasimha Temple in Halashi, a more than 1,000-year-old Kadamba-era stone temple known for its simple yet elegant architecture with intricate carvings and dedicated to Lord Narasimha, an avatar of Lord Vishnu" and Nandagad village has implemented effective water conservation practices through check dams, recharge pits, and community awareness programs, helping to preserve groundwater and ensure sustainable water availability for agriculture and daily use.

This **Social Connect and Responsibility (SCR) visit** forms a key element of the curriculum, reflecting AITM's commitment to holistic education. Such initiatives aim to extend learning beyond traditional classroom settings, ~~fostering a deeper connection with societal~~

values and promoting responsible living among students.

We sincerely thank our Management, **Dr. Spoorti Patil**, Director SAEF, **Shri Raju Joshi**, Administrator SAEF, **Dr. Anand Deshpande**, Principal & Director AITM, and **Dr. M. K. Patil**, Head of the Mechanical Engineering Department, for their unwavering support and guidance. The Study tour was coordinated by Prof.R H Angadi and Prof. K A Jere Assistant professor of Mechanical Engineering department.





AICTE Activity Point Programme

The Department of Mechanical engineering organized a **AICTE Activity Point Programme** for 5th and 7th Semester students to **Halashi and Nandagad, Bijagarni Gram Panchyath to create the awareness** on 14th November 2025.

Under the AICTE Activity Points initiative, the visit to Halashi and Nandagad offered a unique and enlightening experience for the Mechanical Engineering students, accompanied by

department faculty members. The community truly reflects the philosophy of developing **sustainable water-management systems, promoting tourism through innovative approaches**, and enhancing the **skills of the rural population**.

Through this visit, the students gained a profound understanding of sustainable water-management systems that ensure long-term conservation of local water resources, the promotion of tourism through creative and culturally meaningful approaches that highlight the region's heritage, and the enhancement of skills among the rural population to empower communities and improve livelihood opportunities.

AICTE Activity Point Programme is a key element of the curriculum, reflecting AITM's commitment to holistic education. Such initiatives aim to extend learning beyond traditional classroom settings, fostering a deeper connection with societal values and promoting responsible living among students.

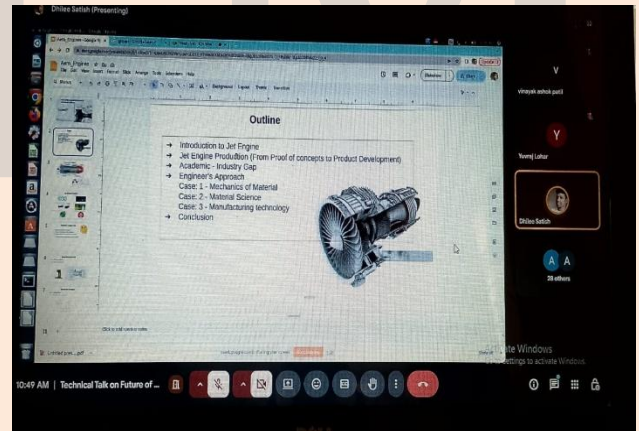
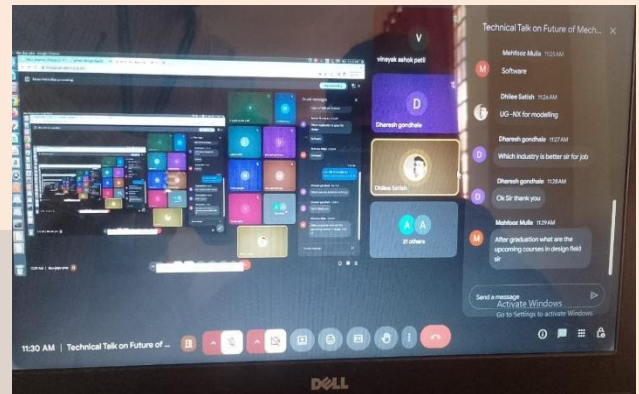
We sincerely thank our Management, **Dr. Spoorti Patil**, Director SAEF, **Shri Raju Joshi**, Administrator SAEF, **Dr. Anand Deshpande**, Principal & Director AITM, and **Dr. M. K. Patil**, Head of the Mechanical Engineering Department, for their unwavering support and guidance. The AICTE Point Programme coordinated by Prof.R H Angadi and Prof. K A Jere Assistant Professor of Mechanical Engineering department.



Industry Institute Mentorship

The Department of Mechanical Engineering organized an Industry-Institute Mentorship Program on 20th December 2025 for the 3rd Semester Mechanical Engineering students.

The industry mentor, Mr. Dhileeban, Senior Engineer at Quest Global Engineering Pvt. Ltd., Bangalore, conducted an online session on the role of Mechanical Engineers in the Aerospace Industry.



Project Exhibition

Department of Mechanical Engineering held project exhibition on 12th December 2025.

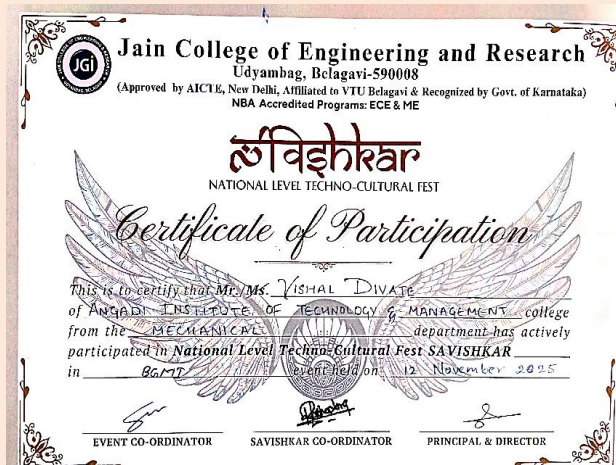


Student Achievements

“Jain College of Engineering and Research, Belagavi organized a National Level Techno-Cultural Fest on 11th and 12th November 2025, in which the Mechanical Engineering students of AITM participated and won prizes.”

Student Name	Participant Event Name	College Name	Event Name	Event date:
Omkar Khasbag -7 th sem	National Level Techno-Cultural Fest SAVISHKAR-2025	JCER Belagavi	Fun Quest-2 nd Place	12 th November 2025
Koutuk Jambunavar-5 th sem	National Level Techno-Cultural Fest SAVISHKAR-2025	JCER Belagavi	3-D Modelling Participated	12 th November 2025
Ratanraj-7 th Sem	National Level Techno-Cultural Fest SAVISHKAR-2025	JCER Belagavi	Fun Quest-2 nd Place	12 th November 2025
Shivakumar Hosatot-7 th Sem	National Level Techno-Cultural Fest SAVISHKAR-2025	JCER Belagavi	Paper Presentation-2 nd Place	12 th November 2025
Vishal Divate	National Level Techno-Cultural Fest SAVISHKAR-2025	JCER Belagavi	BGM-I Game Participated	12 th November 2025





Staff Achievements

- Mr. Kiran Udoshi attended the ISTE approved short term training program on 27th to 31st October 2025.



- Mr. Krishnakumar Jere attended the ISTE approved short term training program on 27th to 31st October 2025.



- Mr. Vijay Palled attended the ISTE approved short term training program on 27th to 31st October 2025.



- Mr. V Sushantkumar attended one week National level faculty development program on “Recent advancement in Artificial Intelligence for thermal system and Enegy Managemnt” from 12th to 18th December 2025.



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About the Department

The Department of Mechanical Engineering at AITM, Belagavi, was established in 2010, marking the beginning of our commitment to delivering exceptional education in mechanical engineering. We introduced our undergraduate program in the same year, followed by a specialized M.Tech program in Production Engineering & System Technology in 2014. In 2018, we further strengthened our academic and research capabilities with the establishment of a VTU-approved research center.