

## **Mr. M. Babji**

**Head of the Department, Mechanical Engineering  
Srinivasa Institute of Engineering & Technology, Cheyyuru**



Mr. M. Babji is currently serving as the Head of the Department (HOD) and Assistant Professor in the Department of Mechanical Engineering at Srinivasa Institute of Engineering & Technology, Cheyyuru. He has a total of 11 years of teaching experience in Mechanical Engineering at both diploma and undergraduate levels.

He holds a Master of Technology (M.Tech) in Thermal Engineering from Prasiddha College of Engineering & Technology, affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), and a Bachelor of Engineering (B.E) in Mechanical Engineering from AIMS College of Engineering & Technology, JNTUK. He also completed his Diploma in Mechanical Engineering from GMR Polytechnic, SBTET.

Mr. Babji has a strong academic and professional background and has taught a wide range of subjects including:

- Production Technology
- Thermal Engineering – I
- Machine Tools
- Design of Machine Members – I
- Automobile Engineering
- Power Plant Engineering
- Green Engineering
- Non-Destructive Testing and Evaluation
- Refrigeration and Air Conditioning

- Basic Thermodynamics
- Energy Sources
- Engineering Workshop Practice

He has served as a Project Guide and Project Coordinator for various undergraduate projects and actively supports students in developing practical and industry-relevant solutions.

#### Research & Publications:

1. “Thermal Stress Analysis of Functionally Graded Materials (Titanium/Aluminium) by Finite Element Method”  
*International Journal of Science and Advanced Research in Technology (IJSART)*  
Paper ID: IJSARTV7I342009
2. “Performance and Analysis of Modern Soot Blower by Improving Boiler Efficiency of a Thermal Power Plant”  
*ISSN: 2321-6905*

Mr. M. Babji is a dedicated academician with over 11 years of experience in teaching Mechanical Engineering. Currently serving as the Head of the Department (HOD) at Srinivasa Institute of Engineering & Technology, Cheyyuru, he has been instrumental in shaping the academic and professional development of undergraduate and diploma students. His expertise spans a wide range of subjects including Thermal Engineering, Production Technology, Machine Design, and Power Plant Engineering. With a strong academic background and passion for teaching, Mr. Babji also actively mentors student projects and contributes to research in thermal systems and energy engineering. He has published papers in reputed journals and holds key responsibilities such as Project Coordinator, Placement Coordinator, and Diploma Section In-Charge. His commitment to quality education and student success makes him a valuable asset to the institution.