

Mr. P.SURYA

Head of the Department, Mechanical Engineering

Srinivasa Institute of Engineering & Technology, Cheyyuru



Mr. P.SURYA 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 10 years of teaching experience in Mechanical Engineering.

I completed my Master of Technology (M.Tech.) in Mechanical Engineering with a specialization in Machine Design from Srinivasa Institute of Technology and Engineering College, affiliated with Jawaharlal Nehru Technological University (JNTU), Kakinada in September 2018, securing First Class with Distinction. I obtained my Bachelor of Technology (B.Tech.) in Mechanical Engineering from Sasi Institute of Technology and Engineering, Tadepalligudem, affiliated with JNTU Kakinada, in April 2013 also with First Class with Distinction. At present, I am pursuing an M.Tech. In Computer Science and Engineering at Srinivasa Institute of Engineering and Technology.

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

- Engineering Mechanics
- Mechanics Of Solids
- Theory Of Machines
- Finite Element Method
- Heat Transfer
- Design Of Machine Elements-1
- Additive Manufacturing

Research Publications

1. Material Selection, Design and Topology Optimization of Bell Crank Lever.
2. Computational Fluid Dynamics Analysis of Shell and Tube Heat Exchanger Using Different Nan fluids.
3. Optimum Design and Analysis of Automobile Turbocharger Impeller Using Different Materials.
4. Study on Metal Epoxies for Manufacturing of Reinforced Steel Matrix Composite and its Application to Turbine Blade.
5. Design and Analysis of Flywheel under Different Load Conditions.
6. Design and Analysis of Sandwich Composite with a Functionally Graded Core.

Accreditation Responsibilities

- **NAAC Coordinator** – Criterion III (Research, Innovations & Extension), Department of Mechanical Engineering.

Achievements

- Best Teaching Award – SIET Awards 2024, received on **05 September 2024** for outstanding teaching performance in **Engineering Mechanics** (95% student performance).
- Best Teaching Award – SIET Awards 2025, received on **05 September 2025**.

Faculty Development Programmes / Certifications

1. AICTE Training on Noise, Acoustic Vibration, Controller and Measurements in Various Engineering Applications with Hands-on Sessions (2019).
2. NITTTR Kolkata Faculty Workshop conducted at SIET Amalapuram (2023).
3. One Week International Faculty Development Programme on Advances in Materials and Manufacturing, organized by VNR VJIET, 15–19 July 2024.
4. AICTE ATAL Academy Faculty Development Programme on Industry 4.0: Research & Applications Perspective, Prashanti Institute of Technology & Science, 16–21 December 2024.
5. AICTE ATAL Academy Faculty Development Programme on International Trends in AI and Supercomputing for Climate, Energy & Health, Srinivasa Institute of Engineering and Technology, 08–13 September 2025.