



Department of Mechanical Engineering

The Research Centre of the Department of Mechanical Engineering, Dayananda Sagar Academy of Technology and Management (DSATM) is committed to fostering a vibrant and multidisciplinary research ecosystem that encourages innovation, academic excellence, and industry collaboration. As a recognized VTU Research Centre, it provides a dynamic platform for doctoral scholars, faculty members, and undergraduate researchers to undertake cutting-edge research addressing contemporary engineering challenges and societal needs.

The research centre focuses on emerging and impactful areas of Mechanical Engineering, including:

- **Advanced Manufacturing and Additive Manufacturing**
- **Materials Science and Engineering**
- **Metal-Polymer and Advanced Composite Materials**
- **Robotics, Automation and Mechatronics**

Research Supervisors



Dr. Santhosh N

Number of PhD awarded= NIL

Number of candidates registered for PhD = 04

Focused Research Area: Composite Materials, Synthesis and Characterization.



Dr. Mallikarjun Biradar

Number of PhD awarded= 01

Number of candidates registered for PhD =05

Focused Research Area: Composite Materials, Design, Fracture Mechanics and FEA.



Dr M.N Gururaja

Number of PhD awarded=NIL

Number of candidates registered for PhD =NIL

Focused Research Area: Hybride Composite and Nano Materials.



Dr. Rajanish M

Number of PhD awarded=NIL

Number of candidates registered for PhD = NIL

Research Focus Area: Composite Materials



Dr. Ashok Kumar M S

Number of PhD awarded=NIL

Number of candidates registered for PhD =NIL

**Focused Research Area: Composite Materials,
Nano Material Processing, Sintering Process.**



Dr. Abhinav

Number of PhD awarded=NIL

Number of candidates registered for PhD = NIL

**Focused Research Area: Plasma Sprayed
Ceramic Thermal Barrier Coatings, Composite
Materials (Micro, Meso, Macro Mechanics & ML
& NN Techniques), FEA.**



Dr. Vijayavardhana C

Number of PhD awarded=NIL

Number of candidates registered for PhD =NIL

Focused Research Area: Composite materials, FSW and Heat Transfer



Dr. Deepak Kumar B N

Number of PhD awarded=NIL

Number of candidates registered for PhD = NIL.

Focused Research Area: Composite Materials and FDM

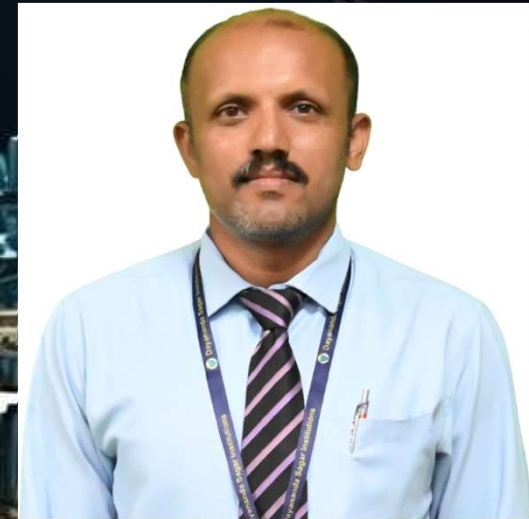


Dr Vinay D L

Number of PhD awarded=NIL

Number of candidates registered for PhD =NIL

Focused Research Area: Additive Manufacturing, Composite Materials and Machine Learning.



Dr. Ramakrishnaiah

Number of PhD awarded=NIL

Number of candidates registered for PhD =NIL

Focused Research Area: Composite Materials, Robotics and AI