

Research and Consultancy

Department offers research and consultancy program for various streams. Some areas of research focus are:

- **Manufacturing Processes**

Forging, Welding, ECM, Micromachining, and Rapid prototyping and tooling

- **Materials**

Wear testing, modeling and analysis, and functionally graded materials

- **Metrology and Computer Aided Inspection**

Dimensional and form measurements, Surface finish measurements, Quality control and Reliability

- **Manufacturing Systems**

FMS, System modeling, Planning and Scheduling

- **CAD/CAM/CAE**

CAD/CAM, FEM in design and manufacturing, Process modeling and AI applications in manufacturing