

## DEPARTMENT OF PRODUCTION ENGINEERING

Sl. No.	Name of the Faculty	Research Interests
1.	<b>Dr. P. ASOKAN</b>	Operation Management, Optimization in Manufacturing
2.	<b>Dr. S. KUMANAN</b>	Intelligent Manufacturing Systems, Product and Process optimization and Intelligent Industrial energy management systems
3.	<b>Dr. M. DURAISELVAM</b>	Laser surface engineering and tribology, Laser micromachining
4.	<b>Dr. R. JEYAPPAUL</b>	Optimization Techniques, Taguchi Methodology
5.	<b>Dr. P. SATHIYA</b>	metal joining processes (welding), solid state joining, similar and dissimilar materials welding, failure analysis of weldments, modelling and simulation of welding processes, and welding parameter optimization
6.	<b>Dr. V. ANANDHAKRISHNAN</b>	Engineering graphics and drafting, Engineering mechanics, Machine drawing, Theory of machines, Metal forming
7.	<b>Dr. J. JERALD</b>	Flexible Manufacturing System, Optimization and Micro/Nano Machining
8.	<b>Dr. D. LENIN SINGARAVELU</b>	Brake Friction Materials, Non-Conventional Machining, Shape Memory Alloys, Processing of Polymer Products and Joining of Advanced Materials.
9.	<b>Dr. K. PANEERSELVAM</b>	Composite Materials Processing • Fluid Power Control and Mechatronics • Advanced Optimization Techniques • Modeling and optimization of Manufacturing Processes
10.	<b>Dr. P. PARTHIBAN</b>	Logistics & Supply Chain Management Operations Management, Project Management, Operations Research, Supply chain management, Manufacturing Technology and Systems Engineering Supply Chain Management, Logistics Management, Enterprise Resource Planning, Multi-Criteria Decision Making, Meta-Heuristics,

Sl. No.	Name of the Faculty	Research Interests
		Production Management System, Value Engineering, Work Study and Ergonomics, Operations Research, Materials Management.
11.	Dr. S. PRASANNA VENKATESAN	supply chain risk management, waste management, manufacturing system simulation and multi-objective evolutionary algorithm
12.	Dr. C. SATHIYANARAYANAN	Sheet Metal Forming, EDM
13.	Dr. P. SENTHIL	Machining and Rapid Prototyping
14.	Dr. V. SENTHILKUMAR	Metal matrix composites processing and simulation, Powder metallurgy, Mechanics of Composite Materials.
15.	Dr. S. VINODH	Agile, Lean and Sustainable systems, Rapid Manufacturing and Multi-Criteria Decision Making.
16.	Dr. SATEESHKUMAR V	forming of monolithic sheet metal, adhesive bonded sheets, sandwich sheets, friction stir welded blanks, forming of multilayered sheets fabricated by hybrid joining methods, and their spring back and wrinkling behaviour, modelling of interface bonding in adhesive bonded sheets, numerical simulation of constitutive mechanical behaviour, forming limits, and deep drawability of bonded and welded sheets, application of neural network in sheet metal forming, mechanical behavior of various adhesive systems, and polymer composites