

National Institute of Technology Silchar
Department of Mechanical Engineering

Ph.D. Thrust research areas:

<ul style="list-style-type: none">● Computational Combustion● Aerodynamic● Renewable Energy● Thermal Engineering● IC Engine● Solar Energy● Heat transfer● Micro scale fluid flow and heat transfer● Non-Newtonian fluid Mechanics● Solar PVT● CFD● Refrigeration and Air Conditioning● Microfluidics● Natural convection● Wind Rotor● Biodiesel● Water Turbine	<ul style="list-style-type: none">● Hybrid FRP Composites● Fracture Mechanics● Design of submerged object under ocean wave force● Bio-Mechanics● Mechanics of Composites● MCDM Techniques● Polymer nano Composite● Fatigue behaviour of materials● Linear – non-linear wave theory,● Engineering Material● Stochastic Analysis● Uncertainty Quantification● Computational Mechanics● Materials selection
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