

# **Department of Mechanical Engineering**

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, INDIA

## **Facilities Available**

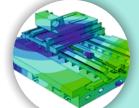
- 24/7 Facility Availability
- Completely Free of Cost
- Highly Qualified Resource Persons
- Highest Security of your confidential data
- No need of High End System Configuration at User end
- Can be accessed anywhere anytime

### Computer Aided Engineering (CAE)

Center of Excellence facility for

# Research Scholars

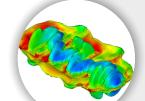




**Design and Analysis** 

FEM, Fatigue, Fracture, Optimisation





## Manufacturing

Casting, Forging, Extrusion, Rolling Sheet forming, Heat Treatment, CNC

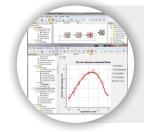




## Thermal - Fluid

1D, System, Sub-system, Component level and 3D CFD Simulations

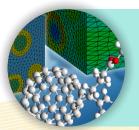




## **Combustion Engineering**

Thermodynamics, CFD, Reaction Kinetics Bio-fuel, Fuel Efficiency, Gassification..





#### **Material Science, Nano Simulation**

Nano Material Development, Characterization, Molecular Dynamics, Quantum Chemical Calculations, DFT, Composite Material Research, Property Development

For more information Contact coe.cae\_bgm@vtu.ac.in support@researchvtu.com

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