



## **DESIGNING AND OPTIMIZATION**

1. Simulation and modelling of abrasive jet machining.
2. Parameterized active bearing modelling.
3. Optimization mechanism link of single arm robot.
4. Design evaluation and optimization of a nozzle used in diesel engine.
5. Modelling of CAT 40 Tool Holder body.
6. Design and analysis of impeller of a centrifugal pump.
7. Design and analysis of check valve pump.
8. Design and analysis of engine blower.
9. Design and analysis of composite propeller shaft.
10. Study of sheet metal design and manufacturing process.
11. Turbocharger design and analysis.