

Research and Consultancy Projects

Open cavity studies at supersonic speeds

Principal investigator: Prof. Sudip Das
Funding agency: RESPOND (ISRO)
Sanctioned fund: Rs. 24.46 lacs
Research project (recently completed)

Effect of protrusion on regression rate and combustion instability at varying l/d of hybrid rocket motor

Principal investigator: Dr. Rajiv Kumar
Funding agency: SERB (DST)
Sanctioned fund: Rs. 31.19 lacs
Research project

Steady and unsteady investigation on slender body at high angles of attack

Principal investigator: Dr. Priyank Kumar
Funding agency: ARDB (DRDO)
Sanctioned fund: Rs. 26.86 lacs
Research project

Aerodynamic characterization of reusable launch vehicle at low speed

Principal investigator: Dr. Priyank Kumar
Funding agency: RESPOND (ISRO)
Sanctioned fund: Rs. 22.39 lacs
Research project

CFD analysis for metal casting process

Principal investigator: Dr. Priyank Kumar
Funding agency: Intocast Hightech, Jamshedpur
Sanctioned fund: Rs. 4.72 lacs
Consultancy project

