

## Department of Mechanical Engineering

| SL. No. | Project No.                                  | Title of The Project                                                                                                                                           | Full Name of Funding Agency | Sanctioned Amount including Manpower (in Lakh) | Start Date of Project (in dd-mm-yyyy) | End Date of Project (in dd-mm-yyyy) | Name of PI                   |
|---------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------|---------------------------------------|-------------------------------------|------------------------------|
| 1       | DRDO(9)/2018-2019/569/MECHANICAL ENGG.       | Nano Lubricating Fluids (Nlf) And Thermally Conducting Fluids (Tcf): Study of Micro-Structural Changes In Ic Engine Components And Thermal Property Evaluation | DRDO                        | 9.5                                            | 28.03.2018                            | 28.09.2019                          | Prof. Subrata Kumar Ghosh    |
| 2       | DRDO(11)/2018-2019/604/MECH. ENGG.           | Critical Investigation Into The Cracking Related To Stress Corrosion In Maraging Steel Weldment                                                                | DRDO                        | 9.97                                           | 04.11.2018                            | 04.05.2020                          | Prof. Somnath Chattopadhyaya |
| 3       | DST-SERB(210)/2018-2019/609/Mechanical Engg. | Development of Eco-Friendly Magnesium Alloy Nanocomposites For Structural & Biomedical Applications                                                            | DST-SERB, New Delhi         | 41.02                                          | 01.11.2018                            | 01.01.2020                          | Prof. Ashis Mallick          |
| 4       | MoM/2018-2019/618/MME                        | Improving Fracture Resistance of Rocks Through Adhesive Bonding For Underground Mining Application                                                             | Ministry of Mines           | 14.73                                          | 31.12.2018                            | 31.03.2020                          | Prof. Rashmi Ranjan Das      |
| 5       | DST(SERB)(221)/2018-2019/634/MECH. ENGG.     | Design And Development of Novel Adsorption Systems For Green Refrigeration And Co2 Capture                                                                     | DST-SERB, New Delhi         | 41.92                                          | 12.03.2018                            | 12.03.2022                          | Prof. Satyabrata Sahoo       |