

## 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(DRDL)(14)/2020-2021/714/MECH. ENGG.	Design, Development And Supply of Special Purpose Equipment For Cutting of Composite Hardware	DRDO-DRDL	39.62	28.05.2020	27.05.2021	Prof. A.R. Dixit
2	IIT(ISM)/2020-2021/716/INSTITUTE	Design And Development of Mechanical Ventilator	IIT (ISM) Dhanbad	10.4	07.08.2020	07.07.2021	Prof. Arun Dayal Udai
3	DRDO(DRDL)(16)/2020-2021/725/MECH. ENGG.	Formability Study of Ti-6Al-4V Alloy And Its Surface Characterization	DRDO-DRDL	9.83	08.11.2020	08.10.2021	Prof. Alok Kumar Das
4	DST(SERB)(264)/2020-2021/746/MECH	Linear Spatio-Temporal Receptivity Analysis of Compressible And Mixed Convection Boundary Layer Using Bromwich Contour Integral Method	DST-SERB, New Delhi	66	19.11.2020	18.11.2023	Prof. Swagata Bhaumik
5	DST(INSPIRE)(269)/2020-2021/753/MECH	Micromechanics Based Intra And Inter-Laminar Damage Models With Emphasis On Spatial Randomness, Boundary Layer And Interface	DST-SERB, New Delhi	35	08.04.2020	08.03.2025	Prof. SUBHABRATA KOLEY
6	NSM/2020-2021/781/MECH	Exascale Computing of Compressible Rayleigh-Taylor Instability With A Novel Non-Overlapping Parallel Algorithm	National Supercomputing Mission	79	15.03.2021	14.03.2023	Prof. Tapan Kumar Sengupta
7	CIL(13)/2020-2021/775/MME	Design And Deployment of Ventilation Fan Wind Power Recovery System As Alternate Source of Electrical Energy In Underground Coal-Mines	Coal India Limited	66.7	02.10.2021	02.09.2024	Prof. TANMOY MAITY
8	DST(SUPRA)(283)/2020-2021/791/MECH	Control of Sprays And Thermo-Acoustic Oscillations Through An Acoustic Driven Fuel Injector: Passive And Active Control Strategy	DST-SUPRA, New Delhi	151.91	04.01.2021	31.03.2024	Prof. Rabindra Nath Hota