



# MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

## Mechanical and Industrial Engineering

### SPONSORED RESEARCH/ GRANTS

Name of the faculty	Project title	Project type Research/ Consultancy	Funding agency	Amount	Duration (months)
<b>Year: 2022-2024</b>					
Dr. Raghuvir Pai	Smart hydrodynamic fluid film journal bearing for machine support system	Research	DST-AMT	49,00,000	24
Dr. Ranjan Kumar Ghadai	Optimization of Sputtering Process Parameters for the Deposition of Diamond-Like Carbon Thin Films and its Alloys	Research	SERB-TARE	2,91,922	19
Dr. Gururaj Bolar	Cost-effective Method for Fabricating Durable Features for Detachable Assemblies in Additive Manufactured Thin-wall Parts	Research	MRB-MAHE	5,85,000	24
<b>Year: 2021-22</b>					
Dr. Siddappa I. Bekinal & Dr. Vijay G. S.	Design, development and rotor dynamic analysis of Optimized Stack-structured Permanent Magnet Bearings	Research Grant	AR & DB, DRDO, New Delhi	47,96,000	36
Dr. Raghunandana .K.	Industrial Automation Using CNC and Intelligent Systems.	For conducting an online FDP	ATAL FDP	93,000	5 days



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## Year: 2020-21

Dr. Raghuvir Pai B & Shah Mohammed Abdul Khader	In vivo measurement of coefficient of friction in the human eye with contact lens	Research Grant	SERB	34,76,000	36
Dr. Dinesha P	Design and development of SCR modules for NOx reduction from compression ignition engines	Research Grant	Vision Group on Science & Technology (VGST)	3,00,000	14
Dr. B Shivamurthy	Electrical, Magnetic and Structural properties of multi-layered metal coated carbon fabric polymer composites	Research Grant	UGC-DAE Consortium for Scientific Research	45,000	30
Mr. Nitesh Naik	Development and clinical validation of Non-Contact Health Screening Kiosk for COVID 19 Patient	Industry Grant/consultancy	Philips India Ltd	5,75,000	24

## Year: 2019-20

Dr. Dr Arunachala Umesh Chandavar *	Steady State transient and stability behavior of coupled natural circulation loops	Research Grant	SERB	13,31,930	36
Mr. Navaneeth Krishna Vernekar V	Nvidia GPU Grant Request	Research Grant	Nvidia	50,000	-

**Total Grant amount received**

**Rs 1,61,51,930.00**