3.2.3 Institution Data Template

3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (5)

Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project
2017-18							
Iterative receiver design for underwater communication Ministry of Defense (Naval research Board) India	Dr.Mrinal Sarvagya	NRB	Govt	ECE	2015-16	5.43	3 years
Enhancement of photoluminescent properties of rare earth doped SrTiO3 nanophosphors by introducing activators for LED applications	Dr D V Sunitha	VGST	Govt	PHY	2017-18	5.00	1 year
Metal -oxide nanomaterial based hybrid devices for memory applications	Dr. P. Anjaneyulu	SERB	Govt	PHY	2017-18	13.62	3 years
Reactivity studies of Maleimide Epoxy Resins with different Amines	Dr Lakshmi BN	VGST	Govt	CH	2017-18	5.00	2 years
2018-19							
Metal -oxide nanomaterial based hybrid devices for memory applications	Dr. P. Anjaneyulu	SERB	Govt	PHY	2018-19	4.88	3 years
Thermal Stabilization of nanocrystalline aluminium alloys and its modeling (EMEQ)	Dr. Dasharath (PI)	SERB	Govt	MECH	2018-19	18.28	3 years

Development of carbon quantum dot based hydrogen production catalyst	Dr. Hareesh K	DST-SERB	Govt	PHY	2018-19	6.66	3 years
Entrepreneurship Awareness Camp (EAC)	Dr Kirankumari Patil	DST - NIMAT	Govt	UIIC	2018-19	0.48	1 year
Tech Mahindra Foundation SMRT	Dr.Kiran Kumari Patil	Tech Mahindra	Non-Government	UIIC	2018-19	39.41	1 year
2019-20							
Combining Hyperbolic and NavlC navigation algorithms for attitude control of ship in floating dry dock	Dr. Mrinal Sarvagya	ISRO	Govt	ECE	2019-20	13.76	3 years
Entrepreneurship Awareness Camp (EAC)	Dr Kirankumari Patil	DST - NIMAT	Govt	UIIC	2019-20	0.12	1 year
Metal -oxide nanomaterial based hybrid devices for memory applications	Dr. P. Anjaneyulu	SERB	Govt	PHY	2018-19	4.28	3 years
Cancer Classification using Gene Expression data	Dr S S Manvi, Prof Nimrita Koul	DST	Govt	CSE	2017-18	10.00	3 years
Development of carbon quantum dot based hydrogen production catalyst	Dr. Hareesh K	DST-SERB	Govt	PHY	2018-19	4.50	3 years
Synthesis of high strength and correosion resistant Nno-structured Stain less steel by SLM process	Dr. Shamanth V. (PI) Dr. Hemanth K (Co-PI)	DST	Govt	MECH	2020-21	9.25	3 years
Tech Mahindra Foundation SMART	Dr.Kiran Kumari Patil	Tech Mahindra	Non-Government	UIIC	2019-20	36.91	1 year
2020-21							
Lanthanides-doped perovskites hybrid device for the up-conversion of photons: optoelectronic applications	Dr K Munirathnam	VGST	Govt	PHY	2020-21	7.50	3 years

Blockchain enabled smart organ donation and transplant system in India	Dr S S Manvi, Prof Nimrita Koul	TIASN, DST, GoI	Govt	CSE	2020-21	27.79	3 years
Synthesis of high strength and correosion resistant Nno-structured Stain less steel by SLM process	Dr. Shamanth V. (PI) Dr. Hemanth K (Co-PI)	DST	Govt	MECH	2019-20	6.49	3 years
Combined Method of Severe Plastic Deformation And Thermomechanical Processing For Mg-Y-Nd-Zr Alloy System to Obtain Stabilized Nano/Ultrafine Grained Microstructure	Dr. Jagadeesh Babu S M	SERB	Govt	MECH	2020-21	11.81	3 years
Ramanujan Fellowship	Dr. V. Damodara Reddy	SERB	Govt	BT	2020-21	41.10	5 years
Cancer Classification using Gene Expression data	Dr S S Manvi, Prof Nimrita Koul	DST	Govt	CSE	2017-18	14.45	3 years
Thermal Stabilization of nanocrystalline aluminium alloys and its modeling	Dr. Dasharath	SERB	Govt	MECH	2018-19	8.00	3 years
Development of carbon quantum dot based hydrogen production catalyst	Dr. Hareesh K	DST-SERB	Govt	PHY	2018-19	4.00	3 years
Contactless authentication and temperature screening system.	Dr. RC Biradar, Dr. Geetha D	Atal Incubation Centre - Pondicherry Engineering College Foundation (AIC-PECF)	Non-Government	ECE	2020-21	0.25	1 year
Tech Mahindra Foundation SMART	Dr.Kiran Kumari Patil	Tech Mahindra	Non-Government	UIIC	2020-21	31.19	1 year
2021-22							

High Throughput Phenotyping for Early Detection of Fungal Diseases in Grape Vineyard using Remote Sensing Techniques.	Dr Rajashekhar C Biradar	VGST, Govt of Karnataka	Govt	ECE	2021-22	7.50	2 years
An Artificial Intelligence based system for the preservations, restoration and translation of the prominent Sharda literature of Jammu and Kashmir	Dr Nimrita Koul	DST	Govt	CSE	2021-22	11.32	3 years
Road Condition Monitoring and Information System	Dr Mallikarjun M Kodabagi	DST	Govt	C&IT	2021-22	10.73	2 years
5-day workshop on Artificial Intelligence & Machine Learning	Dr Kirankumari Patil	KSTA small grant	Govt	CSE	2021-22	0.25	5 Days
3 Day Workshop IP Drafting and Claim Writing	Mr Rathan M	KSTA small grant	Govt	UIIC	2021-22	0.20	5 Days
Computational Studies for Chemistry-biology research	Dr. Shivanna M	KSTA small grant	Govt	CHE	2021-22	0.25	5 Days
Workshop on the preparation of nano materials for photovoltaic application	Dr. K Munirathnam	KSTA small grant	Govt	PHY	2021-22	0.25	5 Days
Mathematical foundation for Machine Learning and AI	Dr Vishu Kumar	KSTA small grant	Govt	MATH	2021-22	0.25	5 Days
Metal -oxide nanomaterial based hybrid devices for memory applications	Dr. P. Anjaneyulu	SERB	Govt	PHY	2018-19	2.60	3 years
Cancer Classification using Gene Expression data	Dr S S Manvi, Prof Nimrita Koul	DST	Govt	CSE	2017-18	5.74	3 years
Thermal Stabilization of nanocrystalline aluminium alloys and its modeling	Dr. Dasharath	SERB	Govt	MECH	2018-19	7.00	3 years

Development of carbon quantum dot based hydrogen production catalyst	Dr. Hareesh K	DST-SERB	Govt	PHY	2018-19	2.00	3 years
Blockchain enabled smart organ donation and transplant system in India	Dr S S Manvi, Prof Nimrita Koul	TIASN, DST, GoI	Govt	CSE	2020-21	6.59	3 years
Investigations on Synergistic Effects of Novel Carbapenems as Antibacterial Agents and beta-Lactamase Inhibitors	Dr. Vipin A Nair	CSIR-HRDG	Govt	CHE	2020-21	10.00	3 years
Work function tuning of carbon quantum dots scaffolded two dimensional materials towards field emission applications	Dr. Hareesh K	UGC-DAE CSR, Indore	Govt	PHY	2020-21	2.53	2 years
Tech Mahindra - Smart Program	Dr. Kiran Kumari Patil	Tech Mahindra	Non-Government	UIIC	2021-22	36.59	1 year
LG - Soft India Program	Dr. Kiran Kumari Patil	LG - Soft India	Non-Government	UIIC	2021-22	25.00	1 year

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