

3.2.2 Percentage of teachers having research projects during the last five years

Template mapping for Row No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Department of Principal Investigator / Co Investigator	Year of Award	Funds provided (INR in lakhs)	Link to the sanction order
2018-2019							
4	Reclamation of Tomato Plant Waste into Eco-Friendly and Commercially Viable Paper Products	Dr.Seeni Meera/Dr. D. Arunbabu	DST-SYST	BSH	2018-19	₹ 16.90	http://mits.ac.in/assets/pdf/research/Dr.Seeni%20Meera SYST.pdf
5	Development of SERS Based Sensor Using Graphene-Metal Nanoparticles Hybrid Structures for Detection of Pesticides	Dr. K. Kamakshi	SERB-ECRA	BSH	2018-19	₹ 31.60	http://mits.ac.in/assets/pdf/research/Dr.Kamakshi ECRA.pdf
6	Development of High Photoresponsivity Gallium Nitride-Based Metal/Insulator/Semiconductor (MIS) Schottky Barrier Ultraviolet Photodetectors	Dr.Nanda Kumar Reddy	SERB-ECRA	BSH	2018-19	₹ 30.30	http://mits.ac.in/assets/pdf/research/ECRA Dr.Nanda%20Sanction%20Order 1.pdf
7	Prediction of extreme severe cyclonic storms over North Indian Ocean using high resolution numerical modelling system for disaster preparedness	Dr.Kuvar Satya Singh	SERB-ECRA	BSH	2018-19	₹ 7.00	http://mits.ac.in/assets/pdf/research/Dr.Kuvar%20Satya%20singh.pdf
8	Enhanced Hybrid Power Generating System for Rustic & Citified Electrification	Dr. Sitharthan R	SERB-ECRA	ECE	2017-18	₹ 5.01	http://mits.ac.in/assets/pdf/research/Dr.Sitharthan %20I%20inst%20Sanction%20Order 2018-2019.pdf
9	Studies on TCO/TiO ₂ and TiO ₂ /CH ₃ NH ₃ SnI ₃ Interfaces Deposited by Sputtering and Spin Coating for Perovskite Type Solar Cell Applications	Dr.B.Jagadeesh Babu	SERB-ECRA	BSH	2017-18	₹ 0.00	http://mits.ac.in/assets/pdf/research/ECRA Dr.Jagadeesh%20babu I%20installm ent.pdf


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10	Magneto Electric Coupling in Alternate Multi-Nano Layers of Ferroelectric and Ferro Magnetic Materials on Planner and Stepped Interface Terminations	Dr. Virendra Verma (Phy) & Dr. C. Kamal Basha (EEE)	SERB-ECRA	BSH	2017-18	₹ 2.50	http://mits.ac.in/assets/pdf/research/Dr%20verma_Sanction%20Order_2nd%20Instalment.pdf
11	Investigation and Characterization of Electrical Discharge Coated (EDC) Alloys for Mitigation of Biological Fouling on Maritime Structures.	P.I:Dr.I.Arun; Co-P.I: Dr.C.Yuvaraj	DST-ECRA	ME	2016-17	₹ 4.51	http://mits.ac.in/assets/pdf/research/Dr%20Arun_second%20Installment.pdf
2017-2018							
13	Studies on TCO/TiO2 and TiO2/CH3NH3SnI3 Interfaces Deposited by Sputtering and Spin Coating for Perovskite Type Solar Cell Applications	Dr.B.Jagadeesh Babu	SERB-ECRA	BSH	2017-18	₹ 22.52	http://mits.ac.in/assets/pdf/research/ECRA_Dr.Jagadeesh%20babu_I%20installment.pdf
14	Magneto Electric Coupling in Alternate Multi-Nano Layers of Ferroelectric and Ferro Magnetic Materials on Planner and Stepped Interface Terminations	Dr. Virendra Verma (Phy) & Dr. C. Kamal Basha (EEE)	SERB-ECRA	BSH	2017-18	₹ 21.49	http://mits.ac.in/assets/pdf/research/Dr%20V%20Verma_Sanction%20order_1st%20instalment.pdf
15	Enhanced Hybrid Power Generating System for Rustic & Citified Electrification	Dr. Sitharthan R	SERB-ECRA	ECE	2017-18	₹ 12.96	http://mits.ac.in/assets/pdf/research/Dr%20sitharthan%20-%20SO%20-%20I%20Installment.pdf
16	Detection Approach for Botnets with Cross Cluster Correlation	Mr. V. Maruthi Prasad	UGC SERO & Minor Research Project	CA	2016-17	₹ 0.00	Project Active and the fund received during 2016-17
17	Analyzing Ground Water Quality Using Data Mining Techniques for the Regions of Kadapa District, A.P. and Developing A Portal for Drinking Water Supply Management System.	Dr. S. V. S. Ganga Devi	UGC SERO & Minor Research Project	CA	2016-17	₹ 0.00	Project Active and the fund received during 2016-17
18	Skill Development for Enhancing Employability for Unemployed Youth of Andhra Pradesh Region	Dr. Mohd Mujahed Ali	UGC SERO & Minor Research Project	MS	2016-17	₹ 0.00	Project Active and the fund received during 2016-17


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19	Development of ZnO-SnO ₂ Thin Films-Characterization and Study of their Solar Cell Applications	Dr.K.Chandra Mohan	UGC SERO & Minor Research Project	BSH	2016-17	₹ 0.00	Project Active and the fund received during 2016-17
20	Metal Nano Particles Supported on Heteroatom Doped Carbon Nanodots: Synthesis Characterization and Applications	Dr. K. Mohan Kumar	UGC SERO & Minor Research Project	BSH	2016-17	₹ 0.00	Project Active and the fund received during 2016-17
21	Stochastic Modeling of Seasonal and Annual Rainfall Patterns in Rayalseema Region	Dr. K. V. Narasimha Murthy	UGC SERO & Minor Research Project	BSH	2016-17	₹ 0.00	Project Active and the fund received during 2016-17
22	A Context based Digital Assistant that Stores and Extracts Articles from National English Dailies.	Mrs. A. Komala	UGC SERO & Minor Research Project	CSE	2016-17	₹ 0.00	Project Active and the fund received during 2016-17
23	Determination of mechanical Properties of aluminium metal matrix composite parts produced by 3d printing	Dr.Manu Ravuri	UGC SERO & Minor Research Project	ME	2016-17	₹ 0.00	Project Active and the fund received during 2016-17
24	Investigation and Characterization of Electrical Discharge Coated (EDC) Alloys for Mitigation of Biological Fouling on Maritime Structures.	P.I:Dr.I.Arun; Co-P.I: Dr.C.Yuvaraj	DST-ECRA	ME	2016-17	₹ 3.00	http://mits.ac.in/assets/pdf/research/Dr%20Arun_second%20Installment.pdf
25	3DIntelligent Information System for Identifying Suspicious Activity	Dr. J. L. Mazher Iqbal	UGC-SERO & Major Research Project	ECE	2015-16	₹ 0.12	http://mits.ac.in/assets/pdf/research/Mazher%20Iqbal%20Sanction%20order.2nd%20Installment.UGC.MRP.pdf
26	Synthesis of Mesostructured Materials by Using Novel Sugar Based Surfactants	Dr. P. Paulose George	UGC-SERO & Major Research Project	BSH	2015-16	₹ 0.84	http://mits.ac.in/assets/pdf/research/Dr%20PP%20George%20Orders%20%20UGC%20Majors.pdf
27	Computational Analysis of Boundary Layer of Non-Newtonian Fluids in Porous Media	Mrs. K. Madhavi	DST-WOS A	BSH	2015-16	₹ 5.00	http://mits.ac.in/assets/pdf/research/Dr%20Madhavi_3%20year%20sanction%20order.pdf
28	Design and Development of Brain Test Adequacy System to Improve Cognitive Index of Young India Using Non Invasive Brain Sensor and Artificial Neural Networks	P.I:Dr.S.A.K.Jilani Co-P.I: Dr.S.Javeed Hussain	DST-CSRI	ECE	2015-16	₹ 5.00	http://mits.ac.in/assets/pdf/research/Dr%20SAK%20Jilani_second%20installment.pdf


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29	Experimental Investigations and Hybrid Approach for Modelling and Multi Objective Optimization of Pulsed Laser Milling of Micro-Channels	Dr. G. Harinath gowd	DST-YSS	ME	2015-16	₹ 7.30	http://mits.ac.in/assets/pdf/research/Dr%20Harinath%20Gowd%20Second%20Installation.pdf
30	Simulation and Analysis of Fire Accidents in Passenger Train Cars	Dr.P.Suryanarayana raju	DST-YSS	ME	2015-16	₹ 4.00	http://mits.ac.in/assets/pdf/research/Dr%20PSR%20II%20Installation.pdf
2016-2017							
32	Synthesis of Mesostructured Materials by Using Novel Sugar Based Surfactants	Dr. P. Paulose George	UGC-SERO & Major Research Project	BSH	2015-16	₹ 0.00	Project Active and the fund received during 2015-16
33	3D Intelligent Information System for Identifying Suspicious Activity	Dr. J. L. Mazher Iqbal	UGC-SERO & Major Research Project	ECE	2015-16	₹ 0.00	Project Active and the fund received during 2015-16
34	Design and Development of Brain Test Adequacy System to Improve Cognitive Index of Young India Using Non Invasive Brain Sensor and Artificial Neural Networks	P.I:Dr.S.A.K.Jilani Co-P.I: Dr.S.Javeed Hussain	DST-CSRI	ECE	2015-16	₹ 0.00	Project Active and the fund received during 2015-16
35	Simulation and Analysis of Fire Accidents in Passenger Train Cars	Dr.P.Suryanarayana raju	DST-YSS	ME	2015-16	₹ 0.00	Project Active and the fund received during 2015-16
36	Experimental Investigations and Hybrid Approach for Modelling and Multi Objective Optimization of Pulsed Laser Milling of Micro-Channels	Dr. G. Harinath gowd	DST-YSS	ME	2015-16	₹ 0.00	Project Active and the fund received during 2015-16
37	Detection Approach for Botnets with Cross Cluster Correlation	Mr. V. Maruthi Prasad	UGC SERO & Minor Research Project	CA	2016-17	₹ 1.60	http://mits.ac.in/assets/pdf/research/Mr%20Maruthi%20Prasad.pdf
38	Analyzing Ground Water Quality Using Data Mining Techniques for the Regions of Kadapa District, A.P. and Developing A Portal for Drinking Water Supply Management System.	Dr. S. V. S. Ganga Devi	UGC SERO & Minor Research Project	CA	2016-17	₹ 2.40	http://mits.ac.in/assets/pdf/research/Dr%20Ganga%20Devi.pdf


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39	Skill Development for Enhancing Employability for Unemployed Youth of Andhra Pradesh Region	Dr. Mohd Mujahed Ali	UGC SERO & Minor Research Project	MS	2016-17	₹ 1.80	http://mits.ac.in/assets/pdf/research/Dr.Mujahed%20Ali.pdf
40	Development of ZnO-SnO ₂ Thin Films-Characterization and Study of their Solar Cell Applications	Dr.K.Chandra Mohan	UGC SERO & Minor Research Project	BSH	2016-17	₹ 2.30	http://mits.ac.in/assets/pdf/research/Dr.Chandra%20Mohan.pdf
41	Metal Nano Particles Supported on Heteroatom Doped Carbon Nanodots: Synthesis Characterization and Applications	Dr. K. Mohan Kumar	UGC SERO & Minor Research Project	BSH	2016-17	₹ 2.65	http://mits.ac.in/assets/pdf/research/Dr.K.Mohan%20Kumar.pdf
42	Stochastic Modeling of Seasonal and Annual Rainfall Patterns in Rayalseema Region	Dr. K. V. Narasimha Murthy	UGC SERO & Minor Research Project	BSH	2016-17	₹ 2.50	http://mits.ac.in/assets/pdf/research/Dr.K%20V%20N%20Murthy.pdf
43	A Context based Digital Assistant that Stores and Extracts Articles from National English Dailies.	Mrs. A. Komala	UGC SERO & Minor Research Project	CSE	2016-17	₹ 1.75	http://mits.ac.in/assets/pdf/research/Dr.Komala%20A.pdf
44	Determination of mechanical Properties of aluminium metal matrix composite parts produced by 3d printing	Dr.Manu Ravuri	UGC SERO & Minor Research Project	ME	2016-17	₹ 2.40	http://mits.ac.in/assets/pdf/research/Dr.Manu%20Ravuri.pdf
45	Investigation and Characterization of Electrical Discharge Coated (EDC) Alloys for Mitigation of Biological Fouling on Maritime Structures.	P.I:Dr.I.Arun; Co-P.I: Dr.C.Yuvaraj	DST-ECRA	ME	2016-17	₹ 27.34	http://mits.ac.in/assets/pdf/research/DR%20ARUN%20ECRA%20SANCTION%20ORDER.pdf
46	Investigations on DC Nano Grid for Rural Applications	Mr. B. Chandra Sekhar	DST&NRDMS	EEE	2016-17	₹ 11.17	http://mits.ac.in/assets/pdf/research/Dr.B.Chandra%20Sekhar_1.pdf
47	Computational Analysis of Boundary Layer of Non-Newtonian Fluids in Porous Media	Mrs. K. Madhavi	DST-WOS A	BSH	2015-16	₹ 4.00	http://mits.ac.in/assets/pdf/research/Dr%20Madhavi_2%20Year%20%20DST%20Orders.pdf
2015-2016							
49	Synthesis of Mesostructured Materials by Using Novel Sugar Based Surfactants	Dr. P. Paulose George	UGC-SERO & Major Research Project	BSH	2015-16	₹ 4.53	http://mits.ac.in/assets/pdf/research/Dr%20PP%20George%20Orders%20_%20UGC%20Majors.pdf


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50	3D Intelligent Information System for Identifying Suspicious Activity	Dr. J. L. Mazher Iqbal	UGC-SERO & Major Research Project	ECE	2015-16	₹ 3.55	http://mits.ac.in/assets/pdf/research/Mazher%20Iqbal%20Sanction%20order.2nd%20Installment.UGC.MRP.pdf
51	Computational Analysis of Boundary Layer of Non-Newtonian Fluids in Porous Media	Mrs. K. Madhavi	DST-WOS A	BSH	2015-16	₹ 8.80	http://mits.ac.in/assets/pdf/research/DST%20ORDER%20AND%20SANCTION%20Letter.pdf
52	Design and Development of Brain Test Adequacy System to Improve Cognitive Index of Young India Using Non Invasive Brain Sensor and Artificial Neural Networks	P.I:Dr.S.A.K.Jilani Co-P.I: Dr.S.Javeed Hussain	DST-CSRI	ECE	2015-16	₹ 15.60	http://mits.ac.in/assets/pdf/research/Dr%20Jilani%20_CSRI_I%20installment.pdf
53	Simulation and Analysis of Fire Accidents in Passenger Train Cars	Dr.P.Suryanarayana raju	DST-YSS	ME	2015-16	₹ 12.93	http://mits.ac.in/assets/pdf/research/DrPSR_I_Installment.pdf
54	Experimental Investigations and Hybrid Approach for Modelling and Multi Objective Optimization of Pulsed Laser Milling of Micro-Channels	Dr. G. Harinath gowd	DST-YSS	ME	2015-16	₹ 20.40	http://mits.ac.in/assets/pdf/research/Harinath%20Gowd_first%20installment.pdf
55	Decision Support System for Agricultural Land for Crops in Kadapa and Chittoor District	Mr. B. Sudhir	UGC SERO & Minor Research Project	MCA	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
56	A Study on Career Planning Absurd Among Students and its Impact on Employability	Mr Ismail. S	UGC SERO & Minor Research Project	MBA	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
57	Effective Usage of Technology in Imparting Career Skills for Academically Backward Students of Engineering	Mrs.M.R Indumathi	UGC SERO & Minor Research Project	BSH	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
58	Development of Advanced Image Processing Methods for Assessing and Monitoring the Content of Trees Outside Forests Using IRS High Resolution Satellite Images	Mr.V. Satish Kumar	UGC SERO & Minor Research Project	ECE	2014-15	₹ 0.00	Project Active and the fund received during 2014-15


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59	Design and Development of Hybrid Vehicle for Physically Challenged Persons	Mr Gunasekhar Reddy M	UGC SERO & Minor Research Project	ME	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
60	Analysis and Optimization of Tube Hydroforming Process Parameters for Corrosion Resistance Material	Mr Bathina Sreenivasullu	UGC SERO & Minor Research Project	ME	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
61	Investigation of Certain Control Strategies on Brush-less DC Motor with Artificial Intelligence Applications	Mr. K. Vasu	UGC SERO & Minor Research Project	EEE	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
62	Development of a Cloud to Monitor and Track the Vehicles at Check Posts	Mr. M. Srujan Kumar Reddy	UGC SERO & Minor Research Project	CSE	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
63	Monitoring of Water Level Variations in Rivers, Dams, Reservoirs and Flood Alert System Using Wireless Sensor Networks	Mr Jagadeesh Babu . M	UGC SERO & Minor Research Project	ECE	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
64	Some Studies On Domination Parameters of Cayley Graphs	Dr.S.Jeelani Begum	DST-WOSA	BSH	2014-15	₹ 0.00	Project Active and the fund received during 2014-15
65	Ionospheric morphological studies using the COSMIC GPS radio occultation (RO) technique and developing reliable methods to screen out questionable electrode density profiles.	Dr.G.Uma	DST-WOS A	BSH	2015-16	₹ 8.38	http://mits.ac.in/assets/pdf/research/Dr%20Uma_I%20installment.pdf
2014-2015							
67	Decision Support System for Agricultural Land for Crops in Kadapa and Chittoor District	Mr. B. Sudhir	UGC SERO & Minor Research Project	MCA	2014-15	₹ 0.60	http://mits.ac.in/assets/pdf/research/Mr%20Sudhir.pdf
68	A Study on Career Planning Absurd Among Students and its Impact on Employability	Mr Ismail. S	UGC SERO & Minor Research Project	MBA	2014-15	₹ 0.75	http://mits.ac.in/assets/pdf/research/Mr%20Ismail.pdf
69	Effective Usage of Technology in Imparting Career Skills for Academically Backward Students of Engineering	Mrs.M.R Indumathi	UGC SERO & Minor Research Project	BSH	2014-15	₹ 2.50	http://mits.ac.in/assets/pdf/research/Mrs%20Indumathi.pdf


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70	Development of Advanced Image Processing Methods for Assessing and Monitoring the Content of Trees Outside Forests Using IRS High Resolution Satellite Images	Mr.V. Satish Kumar	UGC SERO & Minor Research Project	ECE	2014-15	₹ 2.70	http://mits.ac.in/assets/pdf/research/Mr%20Satish%20Kumar.pdf
71	Design and Development of Hybrid Vehicle for Physically Challenged Persons	Mr Gunasekhar Reddy M	UGC SERO & Minor Research Project	ME	2014-15	₹ 2.70	http://mits.ac.in/assets/pdf/research/Mr%20Guna%20Sekhar%20Reddy.pdf
72	Analysis and Optimization of Tube Hydroforming Process Parameters for Corrosion Resistance Material	Mr Bathina Sreenivasullu	UGC SERO & Minor Research Project	ME	2014-15	₹ 2.42	http://mits.ac.in/assets/pdf/research/Mr%20B.%20Sreenivasalu.pdf
73	Investigation of Certain Control Strategies on Brush-less DC Motor with Artificial Intelligence Applications	Mr. K. Vasu	UGC SERO & Minor Research Project	EEE	2014-15	₹ 3.92	http://mits.ac.in/assets/pdf/research/Mr%20Vasu%20K.pdf
74	Development of a Cloud to Monitor and Track the Vehicles at Check Posts	Mr. M. Srujan Kumar Reddy	UGC SERO & Minor Research Project	CSE	2014-15	₹ 0.37	http://mits.ac.in/assets/pdf/research/Mr%20Srujan%20Kumar%20Reddy.pdf
75	Monitoring of Water Level Variations in Rivers, Dams, Reservoirs and Flood Alert System Using Wireless Sensor Networks	Mr Jagadeesh Babu . M	UGC SERO & Minor Research Project	ECE	2014-15	₹ 3.65	http://mits.ac.in/assets/pdf/research/Mr.%20Jagadeesh%20Babu_ECE.pdf
76	Some Studies On Domination Parameters of Cayley Graphs	Dr.S.Jeelani Begum	DST-WOSA	BSH	2014-15	₹ 10.60	http://mits.ac.in/assets/pdf/research/Dr%20Jeelani%20Begum%20SO.pdf
77	Disaggregation of utilities energy consumption and GSM based communication in smart meters	Ms.J.Sivanvitha	UGC SERO & Minor Research Project	EEE	2014-15	₹ 3.40	http://mits.ac.in/assets/pdf/research/siv%20anvitha.pdf
78	English as a Tool for Enhancing Employability for Ability for Engineering Graduates	Mrs.K.Latha	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
79	Wise Usage of Technology in English Language Class Room by Professional Students: A Study	Mrs.M. Parvathi	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
80	Rendition of English Language in the Classes of Higher Education: A Study	Mrs.Athar Samina Khan.D	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14


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81	Expert System to Predict the Type of Fever using Data Mining Techniques on Medical Databases	Mr. M. V. Jagannatha Reddy	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
82	Semi-Supervised Learning and its Applications for Image and Document Categorization	Mr. Y C A Padmanabha Reddy	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
83	Development of Student Educational Learning System Based on Mobile Cloud Computing	Mrs. Perepi Rajarajeswari	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
84	Challenges and Opportunities in Empowering Women of Backward Classes Through SHG's in Chittoor District in Andhra Pradesh	Mr. K. Srinivas	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
85	Study on Aadhaar Card Implementation in Chittoor District	Mr. K.V.V Raaju	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
86	A Study on Some Domination Parameters of Quadratic Residue Cayley Graphs	Dr.M. Jeelani Begum	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14
87	Thermal Radiation Effects on a Non-Newtonian Oldroyd-b Nano Fluid from a Stretching Sheet in a Non-Darcy Porous Medium	Mr. A.Subba Rao	UGC SERO & Minor Research Project	BSH	2013-14	₹ 0.00	Project Active and the fund received during 2013-14


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