

Projects

S. No.	Project Title with Sanction Number	Name of PI & Co PIs	Department	Amount (INR)	Funding Agency	Approval Date		Status
						Start	End	
1.	Effect of Synchrotron radiation on the photoemission spectroscopy (PES) studies of double pervoskite	Prof. Mohd. Ikram	Physics	07.80 Lacs	UGC-DAE-Consortium for Scientific Research Indore.	2015	2021	On going
2.	Structural, Magnetic, Optical and Dielectric properties of double layer perovskite oxides	Prof. Mohd. Ikram	Physics	13.0 Lacs	CSIR, New Delhi	2018	2021	On going
3.	Preparation and Properties of biodegradable composites and their application in food packaging	Dr. M A Shah	Physics	12.60 Lakhs	NPIU, TEQIP	2019		On going
4.	Nano-emulsions as carriers for targeted delivery of bioactive com	Dr. M A Shah	Physics	16.00 Lakhs	NPIU, TEQIP	2019		On going
6.	Synthesis of Natural Product Based Polymer Composites as Potent Anti-microbial Entities	Dr. J. A. Banday	Chemistry	08.08 Lakhs	DST J & K	Nov. 2021	Nov. 2022	Ongoing
	Synthesis, Characterization and Development of Nan-composite Sensors for Heavy Metal Ions	Dr. Hamida Chisti	Chemistry	06.40 Lakhs	DST J & K	Nov. 2021	Nov. 2022	Ongoing
7.	Model Order Reduction for Simulation Acceleration in Power Electronics	Dr. Abid Bazaz (PI)	Electrical Engineering	07.02 Lakhs	R&D CPRI Bangalore	06/02/2019	05/08/2020	Completed

8.	Application of Variable Frequency Transformer for Integration of Solar Photovoltaic and Wind Energy Systems using Typhoon HIL	Dr. Farhad Illahi Baksh (PI)	Electrical Engineering	05.20 Lakhs	India and Typhoon HIL GmbH, Switzerland	10/08/2019	09/08/2023	Ongoing
9.	Design and development of switched reluctant motor drive for plug-in hybrid electric vehicle with voltage boosting & on-boarding charging capabilities	Dr.Obbu Chandra Sekhar (PI) Prof. A. H. Bhat (Co-PI)	Electrical Engineering	55.70 Lakhs	DST-SERB-CRG	26/03/2021	25/03/2024	Ongoing
10.	Model Order Reduction for Simulation Acceleration in Power Electronics	Dr. Abid Bazaz (PI)	Electrical Engineering	07.02 Lakhs	R&D CPRI Bangalore	06/02/2019	05/08/2020	Completed
11.	“Micro-Entrepreneurship: A Bottom-Up Approach for Poverty Eradication and Sustainable Development in the State of Jammu and Kashmir”	Dr Tahir A Wani (PI)	HSS&M		TEQIP-III in collaboration with IIT Kharagpur and IIM Calcutta	2020	2021	Completed
12.	“Subsistence Consumer Marketing Systems in Conflict Zones, Antecedents Implications and Recommendations”	Dr Tahir A Wani (Co PI)	HSS&M		ICSSR	Jan 2018	Dec 2020	Completed
13.	“Impact of Migration on Psycho-Social and Economic Well-Being of Elderly Pandit Migrants: An Evaluative Study”	Dr Tahir A Wani (Co PI)	HSS&M		ICSSR	2020		Under going

14.	Intelligent tool for automated brain disorder diagnosis from neuro-imaging data: Indian perspective	Dr. Shabir A. Sofi (Co-PI)	Information Technology	9,92,000	NPIU	18 June 2019		Completed
15.	Realtime monitoring and Data analysis of air Pollution near Cement Factory Industrial Establishment	Dr. Shabir A. Sofi (PI)	Information Technology	1,00,000	TEQIP-III	2020		Completed
16.	Crop Disease Prediction using IoT Data Analytics and Machine Learning Approaches	Dr. Shabir A. Sofi (PI)	Information Technology	10,00,000		2021		Ongoing
17.	Fatigue analysis of High Entropy Alloys	Mr. Umar Dass (PI) Mr. Riyaz Qasab Dr. G. A. Harmain Dr. Irfan Samad Wani (Co-PI) Dr. Azhar Wani	ME, IUST Awantipora ME, IUST Awantipora MED, NIT Srinagar MMED, NIT Srinagar ME, IUST Awantipora	12,17,000	NPIU	18-06-2019	Sep 2020	Ongoing