Details of Projects Sanctioned during Financial Year 2020-2021

SL No	Title of The project	PI Name	Phone	email	Dept	Instt	cost (Lakhs)	pdc (Year)	lab
1	Security Analysis and Development of Multivariate Post-Quantum Cryptography Sc hemes	Sumit Kumar Debnath	7001672827	sdebnath.math@nitjsr.ac.in	Mathematics	NIT Jamshedpur	39.73	2	SAG
2	design and development of braodband cirucularly polorized conformal antenna array for Airborne application .	Ravi kumar Gangwar	9771457994	ravi@iitism.ac.in	Electronics Engineering	IIT Dhanbad	61.06	3	DRDL
3	Development of reactor forepitaxial growth of B-Ga2O3 and demonstration of power transistors and UV detectors.	Digbijoy Neelim Nath	09632622703	digbijoy@cense.iise.ernet.in	Nano Science & Engineering	Indian Institute of Science (IISc), bangalore	254.16	3	SSPL
4	Mechanical Characterisation and Structural integrity of radar Absorning Paints	C S Upadhyay	9616241610	shekhar@iit.ac.in	Aerospace Engineering	IIT Kanpur	85.42	3	DLJ
5	Development of a self consistent physics based predictive model for the computation of THz window frequency signal attenuation in fog with varying visibility and in rain with varying rain rates.	moumita Mukherje	7044075557	drmmukherjee07@gmail.com	Physics	Adamas University	22.64	2	DEAL
6	reconfigurable machine learning accelerator design and development for avionics application	Amit Acharyya	9989405424	amit_acharyya@iith.ac.in	Electrical Engineering	IIT Hyderabad	360.91	3	RCI

7	design and implementaiton of an intelligent security framework for providing confidentiality and authentication to defence vocie communicatins using ploynomials with the FPGA implemantations	Ramkumar Ketti Ramachandran	8289006584	k.ramkumar@chitkara.edu.in	Computer science	Chitkara university institute of eng and tech	57.49	3	CAIR
8	development of corrosion and wear resistant fe based metallic glass protective coating via thermal spraying	Tapas Laha	7797137544	laha@metal.iitkg.ac.in	Metallurgical	Indian institute of technology Kharaqgpur	38.01	3	DMRL
9	design and development of fire resistant hollow tubes for gun barrel applications using wire arc additive manufacturing	Shiva S	7051106145	shiva.sekar@iitjammu.ac.in	Mechanical	Indian Institute of Technology Jammu	46.63	2	NMRL