

Sponsored Research Projects							
S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned date	Total Amount Sanctioned (In Rupees)	Amount received (in words) [In Rupees]
	2019-20						
1		Dr. S.K . Panigrahi	NMRL	Non Linear Finite Element Analysis of Composite Valve Trunnion type	2020	800000	Eight Lakhs only
2		Dr. S.K . Panigrahi	ARMERB	Launcher Pod with Optimixed weight and configuration using Non-Linear Finite Element Analysis	2014	390374	Three Lakh Ninety Thousand Three Hundred Seventy Four only
3		Shri Abhilash.M.T	Naval Research Board	Algorithms for fast computation of Principal Components for self noise cancellation in Underwater Acoustics	2020	4996136	Forty Nine Lakhs Ninty Six Thousand One hundred and thirty six only
4		Dr. K Krishna Naik	SERB-WIGSIN	WLAN Integrated GNSS System for Indoor Navigation	2017	2107000	Twenty One Lakh Seven Thousand only
5		Dr Prashant S. Kulkarni	ARDB/DRDO	Development of non-flammable hydrogen using selected inhibitors & study of its lifting ability (Phase 1.5)	2018	1427000	Fourteen Lacs Twenty Seven Thousand
6		Dr. P K Khanna	SPARC-MHRD	MHRD (SPARC) project entitled "Production of white Light Emitting Magic Sized Clusters based on doped and undoped II-VI Semiconductors for potential LED application"	2019	3559306	Thirty five Lakh Fifty Nine Thousand Three Hundred and Six only
7		Dr. A C Abhhyankar	DST-SERB	Noble Plasmonic AuPd anchor ZnO/ SnO2 nano array heterostructure for an efficient light emitting devices and sunlight photocatalytic decomposition of high energetic materials	2017	1920000	Ninteen Lakh and Twenty Thousand
8		Dr. Shanmugasundaram	SERB-DST	Design, Synthesis and Characterisation of high strength swaer resistant novel light weoght high entrpy alloysby PM for Defence & automotive applications	2018	4896000	Fourty Eight Lakhs Ninety Six Thousand
9		Dr. Vijay Hiwarkar	SERB-DST	Formation of surface composite by additive friction stir processingof Ti alooy Ti6Al4V for defence application	2017	2522000	Twenty Five Lakh Twenty Two Thousand only
10		Dr. Devnath Dhirhe	CARS	Electrically tunable 3-3.4.5qm Quantum cascade laser for LIDAR Application	2020	29672000	Two Crore Ninety Six Lakh Seventy Two Thousand Only
11		Dr. Sangeeta Kale Professor	DST-NANOMISSION	Design and Fabrication of wide-band rejection shields using multilayers of periodic resonator arrays and carbon-based nanocomposites	2019	3048000	Thirty Lakh Forty Eight Thousand
12		Dr. AVR Murty	DST	Mapping Lateral Organization and Nano-Mechanical Properties of Proteins incorporated - Biomimetic Membranes and Cell Membranes"	2016	3500000	Thirty Five Lakh only
13		Dr. Sangeeta Kale Professor	DAE-BRNS	Development of SOxNOx-derivatives gas sensors using nano materials - functionalised ring resonators	2018	2159985	Twenty One Lakh Fifty Nine Thousand Nine Hundred Eighty Five only

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14		Dr. Suwarna Datar	DST-GNRS	Theoretical and Eperimental Investigations of induced magnetism in GNR upon conjugation"	2016	5128400	Fifty One Lakh Twenty Eight Thousand Four Hundred only
15		Dr. Sangeeta Kale Professor	Dir UGC HRDC SP Pune Univ.	FDP on Active Learning in Optics & Photonics (ALOP)	2019	621120	Six Lakh Twenty One Thousand One Hundred Twenty only
16		Dr. Ganapati N Joshi	SERB	Flow field unsteadiness due to flow induced shock/Boundary layer interaction unsing Multi vortex generators	2019	2582679	Twenty Five Lakh Eighty Two Thousand Six Hundrade seventy Nine only
17		Dr. D Srikanth	CSIR	Computational Analysis Of Two Dimensional Blood Flows Through Asymmetric Catheterized Stenotic Tapered Artery	2018	2000000	Twenty Lakh only
18		Prof. CRS Kumar	ERIPR, DRDO	AR Based maintenance trainer for Tejas Fight Jet	2019	3710000	Thirty Seven Lakh Ten Thousand only
						75040000	Seven Crore Fifty Lakh Fourty Thousand only
	2018-19						
1		Dr. D G Thakur	ARDB	Numerical & Experimental Study of an AL-Li alloy based MMC's for skin and stringers of an aircraft fuselage structure	2019	1,785,000	Seventeen Lakhs Eighty Five Thousand only
2		Dr. D G Thakur	ARDB	Surface Integirty studies during milling of AL-Li allys used in aerospace applications for improved functional performance	2019	1,500,000	Fifteen Lakh only
3		Dr. A Bazil Raj	SERB	Designing of a Photonic Radar	2018	1,850,000	Eighteen Lakh Fifty Thousand only
4		Dr. K Krishna Naik	ERIPR, DRDO	Augmented Reality (AR), based maintenance trainer for Tejas Fighter Jet Co-PI	2019	3,710,000	Thirty Seven Lakh Ten Thuosand only
5		Prof. P K Khanna	MHRD	Production of White light Emitting magic sized luster based on dopped and undopped-II-VI Semiconductor for potential LED applications	2019	6,190,900	Sixty one Lakh Ninety Thousand Nine Hundred only
6		Prof. P K Khanna	DMSRDE, Kanpur	Development of copper Indium Sulphide (Selenide), materials and their thin films and evaluation of their phtovoltic properties	2019	980,000	Nine Lakh Eighty Thousand only
7		Dr. Prashant Kulkarni	ARDB	Development of non-fammable hydrogen using selected inhibitors and study of its lifting ability (Phase-1.5)	2018	1,427,000	Fourteen Lakh Twenty Seven Thousand only
8		Dr. Balasubramanian Kandasubramanian	BRNS	Spatial Distribution of Uranium Associated Water Quality Parameters in Ground Water/Drinking Water of Three Districts (Yavatmal, Hingoli and Nanded)	2017	2,600,000	Twenty Six Lakh only
9		Dr. A C Abhyankar	DST-SERB	Noble Plasmonic AuPd anchor ZnO/SnO2 nano array heterostructure for an efficient light emitting devices and sunlight photocatalytic decomposition of high energetic materials	2017	1,920,000	Ninety Lakh Twenty Thousand only

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10		Dr. Balasubramanian Kandasubramanian (CO-PI)	BRNS	Spatial Distribution of Uranium Associated Water Quality Parameters in Ground Water/Drinking Water of Three Districts (Solapur, Osmanabad and Latur)	2017	1,800,000	Eighteen Lakh only
11		Dr. D Srikanth	CSIR	Computational analysis of two dimensional blood flows through asymmetric catheterized stenotic tapered artery	2017	397,667	Three Lakh Ninety Seven Thousand Six Hundred Sixty Seven only
12		Prof. Sangeeta kale	DRDO	Nano Project	2012	9,055,275	Nine Lakh Fifty Five Thousand Two Hundred Seventy Five only
					TOTAL	33,215,842	Three Crore Thirty Two Lakh Fifteen Thousand Eight Hundred Forty Two only
	2017-18						
1		Dr. Prashant Kulkarni	ARDB	Development of non-fammable hydrogen using selected inhibitors and study of its lifting ability (Phase-1.5)	2018	1,427,000	Fourteen Lakh Twenty Seven Thousand only
2		Dr Sangeeta Kale, Professor	BRNS, BARC, MUMBAI	Development of Sox/Nox derivatives gas sensors using nano Material - functionalised ring resonators	2018	2,794,249	Twenty Seven lakh ninety four thousand two hundred forty nine only
3		Dr. A C Abhyankar & Dr. Balasubramanian Kandasubramanian	ERIPR-DRDO	DIAT-DRDO Programme on Nanomaterials	2018	43,000,000	Four Crore Thirty Lakh only
4		Dr. A C Abhyankar	DST-SERB	Noble Plasmonic AuPd anchor ZnO/SnO2 nano array heterostructure for an efficient light emitting devices and sunlight photocatalytic decomposition of high energetic materials	2017	1,920,000	Ninety Lakh Twenty Thousand only
5		Dr. Balasubramanian Kandasubramanian	BRNS	Spatial Distribution of Uranium Associated Water Quality Parameters in Ground Water/Drinking Water of Three Districts (Yavatmal, Hingoli and Nanded)	2017	2,600,000	Twenty Six Lakh only
6		Dr. Balasubramanian Kandasubramanian (CO-PI)	BRNS	Spatial Distribution of Uranium Associated Water Quality Parameters in Ground Water/Drinking Water of Three Districts (Solapur, Osmanabad and Latur)	2017	1,800,000	Eighteen Lakh only
7		Dr. Shanmugasundaram	NMRL	To study hydroge embrittlement behaviour of high strength naval steel	2017	979,800	Nine Lakh Seventy Nine Thousand Eight Hundred only

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8		Dr. Shanmugasundaram	Science and Engg. research Board: (SERB)	Design and synthesise and characterisation of high strength and wear resistant novel light ALTiLiMg high entropy alloys by power metallurgy for defence and automotive application.	2017	4896000	Forty eight lakhs ninty six thousand only.
9		Dr. Vijay Hiwarkar	SERB-DST	formation of surface composite by additives friction stir processing of Ti alloy Ti-6Al-4V defence application	2017	252,200	Two Lakh Fifty Two Thousand Two Hundred only
10		Dr. K Krishna Naik	ITR Chandipur	PN Ranging System Design for Missile Telemetry Application	2017	840,000	Eight Lakhs Fourty Thousand only
11		Prof. S K Panigrahi	ARMREB	Launcher Pod with Optimized Weight	2015	390,374	Three Lakh Ninety Thousand Three Hundred Seventy Four only
12		Dr. D Srikanth	CSIR	Computational analysis of two dimensional blood flows through asymmetric catheterized stenotic tapered artery	2017	397,667	Three Lakh Ninety Seven Thousand Six Hundred Sixty Seven only
13		Dr. Odelu Ojjela & Dr. Debasish Pradhan		Numerical investigation of flow and Heat Transfer of chemically reacting MHD NEWTONIAN NANOFUIDS through porous boundaries	2017	431,000	Four Lakh Thirty One Thousand Four Hundred only
14		Prof. Sangeeta kale	DRDO	Nano Project	2012	42,371,710	Four Crore Twenty Three Lakh Seventy One Thousand Seven Hundred and Ten only
					Total	104,100,000	Ten Crore Fourty One Lakh only