

Paramete	Sponsored Research Projects								
2D.FPPP	S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Received(In Rupees)	Amount received (in words)
			Dr. Mahesh M.S., Assistant Professor, Dept. of Aerospace Engg.	ARMREB	Numerical investigation of penetration characteristics of preformed fradments	ARMREB/ADMB/2015/173	23rd Dec 2015	17,71,000/- PDC of 2 Yrs.	Seventeen Lakh and seventy-one Thousand Only.
			1 Dr CRS Kumar	NRB	Infrared Search and Tracking System	Under review	Under Review		
			2 Dr CRS Kumar	ARMREB	MiDeSS: Missile Decision Support System	Under review	Under Review		
			3 Dr CRS Kumar	PSA	Cyber Security Observatory	Under review	Under Review		
			1. Prof. P.K. Khanna	ARMREB, New Delhi	“Development of nano-sized antimony Sulphide powder for its use in delay composition ME-412”	No. ARMREB/HEM/2016/176 dated	16-03-2016	23,20,700	Rupees Twenty Three Lakh Twenty Thousand Seven Hundred
			2 Dr. P. S. Kulkarni	DRDO ARDB	Feasibility Studies for development of Non-flammable (Hydrogen (Phase I))		26-05-2016	21,00,000	Rupees Twenty Lakh
			3 Dr. S. Banerjee	BRNS, DAE	Spatial distriution of Urenium and associated water quality parameters in three district (Solapur, Usmanabad and Latur) of Maharashtra		20-05-2016	18,89,300	Rupees Eighteen Lakh Eighty Nine Thousand Three Hundred
			4 Dr. C.J. Bhongale	Science and Engg. Research Board (SERB)	“Developing Strategies for robust functional hybrid nanomaterials for solar cells: Synthesis, film formation and device fabrication”		24-12-2015	20,73,000/-	Rupees Twnty Lakh Seventy three Thousand
			Prof. Balasubramanian K.	Government of India, Department of Atomic Energy, Board of Research in Nuclaer Sciences	Spatial distribution of Uranium and associated water quality parameters in groundwater/drinking water of three districts (Yavatmal, Hingoli and Nanded) of Maharashtra	36(4)/14/32/2015-BRNS/10113	06th May 2016	Rs.18,25,950/-	Eighteen lakh twentyfive thousand nine hundred fifty only

1	2015-16	Dr. D. Srikanth	DIAT	Non-Newtonian Nano fluid model for blood flow through Asymmetric, tapered stenotic dynamic artery in the presence of catheter	DIAT/F/Adm/Project/01 Dt 17 Apr 2015 &  DIAT/F/Adm/Project/01 Dt 27 Jul 2015		9.20 Lakhs	Nine lakhs and twenty thousand only
		1. Dr D G Thakur	AR&DB	Numerical and experimental study of an Al/Li alloy based MMCs for skin and stringers of an aircraft fuselage structure.	ARDB/01/2031785/M/1	22-Sep-15	8.81 Lacs (17.81)	Eight lacs & eighty eight thousand
		2 Dr S K Panigrahi, PI, Dr. Sunil Nimje, Co-PI	AR&DB	Optimization of skin and rib (spar) stiffness for an optimum performance of co-cured Spar Wingskin Joints (SWJ) in pull of mode	ARDB/01/1051738/M/1	30-Apr-15	9.25 Lacs (13.10)	Nine lacs & twenty five thousand
		3 Dr S K Panigrahi, PI, Dr. Sunil Nimje, Co-PI	CARS	Non-linear finite element analysis of armoured amphibious dozer hull	VRD/CARS/2015/32	06-Apr-15	10 Lacs	Ten lacs
		4. Dr A Kumarswamy	ARMREB	Numerical investigation of penetration characteristics of preformed fragments at various obliquity angles and the development of software for prediction of spatial distribution of preformed fragments from a Directional Fragment Generator Warhead (FGW)	ARMREM/ADMB/2015/173		8.85 Lacs (17.25)	Eight lacs & eighty five thousand
		Dr. Suvarna Datar	DST	Theoretical and Experimental Investigations of induced magnetism in GNR upon conjugation	SR/NM/NS-1062/2015	17-11-2015	28 Lakhs	Twenty Eight Lakhs

	Dr. Devnath Dhirhe	DIAT  (In-house)	Design and Development of Fiber Optic Robust Intrusion Detection and Identification sensor system for border Security	DIAT/F/Admin/Project/OM/CE/Corr	27-01-2016	7 lakhs	Seven Lakhs
	Dr. AVR Murthy	DST-Inspire Faculty	Mapping lateral organization and nano mechanical projectiles of protein incorporated biomimetic membranes and cell membranes	DST/IFA/2016/DST/IN SPIRE/04/201/000207	08-01-2016	7 Lakhs	Seven Lakhs
	Dr. Ganapati Joshi, Assistant Professor, Dept. of Aerospace Engg.	ARDB	Study of Ice Accretion on an Airfoil using CFD			28,27,000/-	Twenty Eight Lakh and Twenty-seven Thousand Only.
	1 Dr Krishna Naik( Co-PI Dr CRS Ku	DARE Bangalore	Study and analysis of ultra wideband EW signal processing using sub-nyquist sampling			9.8 Lakhs	Nine lakhs eighty thousand only
	1. Prof. P.K. Khanna	DST, New Delhi	Indo Belarus "Physical and chemical principles of quantum dot/metal-graphene new nanocomposite materials for photonics and electronics.	DST/INT/BLR/P-102/2014	02-05-2015	12,16,000	Twelve Lakh sixteen Thousand
	2 Dr. P. S. Kulkarni						
	3 Dr. S. Banerjee	Science and Engg. Research Board (SERB)	“Metal catalyzed reactions: Their utility in high energy density materials”		13-06-2014	23,40,000	Rupees Twnty Three Lakh Fourty Thousand only

2	2014-15	Dr. H. S. Panda	Government of India, Department of Atomic Energy, Board of Research in Nuclear Sciences	Spatial distribution of Uranium and associated water quality parameters in groundwater/drinking water of three districts (Pune, Ahmednagar and Satara) of Maharashtra	36(4)/14/09/2014-BRNS	15th July 2014	Rs. 17,21,350/-	Rupees seventeen lakh twenty one thousand three fifty only
		Dr. H. S. Panda	Lupin Ltd	Characterization and investigation of Organic capped Metal Oxides for Biological Applications	—	—	Rs. 120000/-	Rupees one lakh twenty thousand only
		Prof. Balasubramanian K.	Defence Institute of advanced Technology (DIAT)	Surface Treated Natural Fibres for U(VI) and Th(IV) Adsorption from Waste Water	DIAT/F/REG/(G)Mtls Engg/Proj/2014/3	28th May 2014	Rs.1000000/-	Rupees Ten Lakh only
		1) Dr. C. Bhattacharya	DIAT, Pune and SAMEER Mumbai	FMCW SAR Image generation on FPGA Platform	DIAT/F/REG(G)/EE/PRO/1406	27-Aug-12	46 Lakhs	Forty Six Lakhs Only
		2) Dr. C. Bhattacharya	DIAT	Real-time SAR Image generation algorithm/ software in CUDA platform	DIAT/F/REG(G)/EE/PRO/1406	24-Aug-12	19.60 Lakhs	Nineteen Lakhs Sixty Thousand Only
		1. Dr A Kumarswamy	R&DE(E)	Numerical Modeling of Tribological Characteristics of Reciprocating Hydraulic Seals Subjected to Shock Loading	RDE/97017/FPG	04-Sep-14	7.75 Lacs(12.83)	Seven lacs & seventy five thousand
		2. Dr S Chandel	AR&DB	Study of Ice Accretion on An Airfoil using CFD	DARO/08/1031707/M/I	10-Dec-14	19.54 Lacs (28.54)	Nineteen lacs & fifty four thousand
		Dr. Sangeeta Kale	INUP- IITB	Fabrication of Metamaterial gold /silver structures from GHz to PHz domain for biosensing application	-	06-06-2014	2 lakhs	Two Laks
		1. Prof. P.K. Khanna	DIAT DRDO	Development of CuInSe2 (CISE) Ink and Nano-particles by Chemical Methods for its Application in Solar Cell as an Absorber Layer	DIAT/REG/AC/Proj,	24-05-2013	10,00,000	Rupees Ten Lakh

3	2013-14	2 Dr. P. S. Kulkarni	ER&IPR, DRDO, New Delhi	Nanomaterials for Defence Applications			Rs. 5 Crores	Rupees Five Crores common project
		3 Dr. S. Banerjee	ER&IPR, DRDO, New Delhi					
		4 Dr. C.J. Bhongale						
		5. Dr. P.V. More	DST, Govt. of India (under INSPIRE Faculty Award)	Semiconductor Quantum Dots/Conducting Polymers Hetero-junction Based Photovoltaic Devices for Higher Efficiency		02-12-2013	Rs. 85,00,000/	Rupees Eighty Five Lakh Ruppes
		T. Umasankar Patro	Science and Engineering Research Board (SERB), Department of Science and Technology (DST)	Investigation of electrical and mechanical properties of reticulated vitreous carbon foam from polyurethane precursors impregnated with nanofillers for fuel cell applications	SB/FT/CS-043/2012	23-08-2013	Rs. 12,23,000/-	Rupees Twelve Lakhs Twenty Three Thousand only
		1) Dr. C. Bhattacharya	ADA, Bangalore	Digital Communication Scheme for Tejas	ADA/NFTC/FTI/269	24-Oct-11		Eighty One Lakhs Sixty Five Thousand Only
		2) Dr. K. Krishna Naik	DARE, Bangalore	Study and Analysis of Ultra Wideband EW Signal Processing using Sub-NYQUIST Sampling	5137/DARE/CARS/LP REV-55/2012-13	25-Feb-13	81.65 Lakhs	Nine Lakhs Sixty Thousand Only
		Dr. Debasish Pradhan	ER & IPR, DRDO, Delhi	Motion of shock wave and Evaluation of shock pressure with Unsteady Denuding profile.	ERIP/ER/0703623/M/01/1093	17 <sup>th</sup> April 2013	4.00 Lakhs	Four Lakhs
Dr. Sangeeta Kale	DRDO –ERIPR	DRDO-DIAT Programme on Nano Material	ERIPR/1003883/M/01/906/2012/D(R&D/1416)	28-03-2013	43 Cr	Forty Three Crore		