

Institute Name	Vishwakarma Institute of Technology, Pune - 411 037
India Rankings 2017	IR17-ENGG-1-10578
Discipline	ENGINEERING

Parameter **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)
	1	2015-16	P.A.Bailke	BCUD, SPPU, Pune	Design and implementation of distributed algorithm for a global, cross domain multilabel document classifier using novel knowledge based semi-supervised approach	15ENG001495	25/6/2015	2,80,000/-	Two Lakh Eighty Thousand
			A.S.Shingare						
			D.P.Pawar	BCUD, SPPU, Pune	Privacy & Integrity Preserving for in Network Aggregation in wireless sensor network.	15ENG002207	25/6/2015	3,03,000/-	Three Lakh Three Thousand
			S.S.Pawale						
			Prof .Dr Ganesh Dongre (PI) Prof. A. U. Rajurkar (CI), Prof. Pankaj Gaigole (CI)	ISRO	Drilling techniques/Technology for drilling of miniature size holes of diameter less than 10 microns in super alloys for a depth of 1.0 mm	PU/ISRO-STC/1781	25th May 2016	38,32,000/-	Thirty eight lakh & thirty two thousands only
			Prof. M.M. Patwardhan	BCUD, Savitribai Phule Pune university	Low-Cost High-Tech Educational Robot as Teaching Aid	14ENG001235	11-Mar-2015	90,000/-	Ninety Thousand
			Prof V.D Gaikwad	BCUD, Savitribai Phule Pune university	Advanced detection of microcracks/damage in Solar Cells	14ENG000372	11-Mar-2015	1,00,000/-	One Lakh
Prof V.M.Mane	BCUD, Savitribai Phule Pune university	"Mobile Tele-Ophthalmology: Development of a low cost screening tool for diabetic retinopathy in rural India	15ENG001236	10-Aug-2016	1,50,000/-	One Lakh Fifty Thousand only.			

		Prof(Dr) S.S Bhatlawande	BCUD, Savitribai Phule Pune university	Design and Development of Mobility Assistive Electronic System for Visually Impaired People	15ENG002292	19-Aug-2016	1,50,000/-	One Lakh Fifty Thousand only.
		Dr. R M Jalnekar	BCUD, Savitribai Phule Pune university	Study of Natural and Synthetic Sound Signal Parameters for Correlating Manifested Human Health Parameters with Biomedical Signals	15ENG001599	20-Aug-2016	1,60,000/-	One Lakh Sixty Thousand only.
		Prof. (Mrs.) Manisha Mhetre	Saptashrunji Pvt. Ltd. And VIT, Pune	Deployable toilet system		6th July, 2016	16,00,000/-	Sixteen lakhs
2	2014-15	Prof. Dr. S. R. Inamdar	CSIR-EMI-II	Non-convex programming			6,45,000/-	Six lakhs and forty five thousands
		P.K.Gokhale(P.I) M.V.Kulkarni	BCUD, SPPU, Pune	Facilitating mobile phone handling for visually impaired: Multitouch screen based virtual braille approach	14ENG001223	03-09-15	2,00,000/-	Two Lakh
		N.Z.Tarapore(P.I) M.V.Kulkarni	BCUD, SPPU, Pune	Evaluation of Performance improvement strategies of supervised learning techniques applied in intrusion detection system	14ENG001225	03-09-15	1,20,000/-	One Lakh Twenty Thousand
		P.S.Dhabe M L Dhore (P.I) M R Dube P K Gokhale	BCUD, SPPU, Pune	Hindi and Marathi to named entity machine transliteration using metrical approach	14ENG000888	03-09-15	90,000/-	Ninety Thousand
		A S Shingare(P.I) P. A. Bailke P S Dhabe	BCUD, SPPU, Pune	Accelerating SQL select-where queries using parallel GPU implementation	14ENG001630	03-09-15	30,000/-	Thirty Thousand
		S G Lade(P.I) S.B.Karthick P.S.Dhabe	BCUD, SPPU, Pune	GPU parallel implementation of modified K-nearest neighbour	14ENG0001937	03-09-15	30,000/-	Thirty Thousand
		Prof .Dr Ganesh Dongre (PI) Prof. A. U. Rajurkar (CI), Prof. Pankaj Gaigole (CI)	BCUD	Analysis for machining of 'Difficult-to-cut' materials using PCD, PCBN tools	O.S.D./B.C.U.D./83	9th March 2015	1,10,000/-	One lakh & ten thousands only

		Prof. Rajesh Chaudhari (PI), Prof. (Dr.) Ganesh Dongre (CI)	ISRO	Development of coating/manufacturing technology for friction stir welding tool for welding of 3 mm thick stainless steel sheets	PU/ISRO-STC/1645	9th June 2015	27,88,000/-	Twenty seven Lakh & eighty eight thousands only
		Prof. (Mrs.) Manisha Mhetre,	SPPU, Pune	Smart sit to stand wheel chair for handicap person	Fin/bill/2015-16/42	04-09-15	1,50,000/-	One lakh Fifty thousand
		Prof. K. G. Mundada						
		Dr. K.D. Sant	BCUD Pune University	Analytical and experimental investigations on different configurations of heat pipe	OSD/BCUD/83	09.03.2015	1,50,000/-	One lakh fifty thousand
		Dr. M.K. Nalawade	BCUD Pune University	Experimental analysis of compliant slider crank micro mechanism	OSD/BCUD/83	09.03.2015	1,20,000/-	One lakh twenty thousand
		Dr. Chippa S.P	BCUD Pune University	Steady state and transient elasto hydrodynamics analysis of finite line contact	OSD/BCUD/83	09.03.2015	1,20,000/-	One lakh twenty thousand
3	2013-14	Professor Dr. D. S. Bhatkhande	Bil-Melenda Gate Foundation	Reinventing Toilet			20,00,000/-	Twenty lakhs
		Prof. Dr. S. R. Inamdar	DST	Dynamic Optimization and Optimal Control of Chemical Processes			3,20,000/-	Three lakhs and twenty thousands only
		Prof Dr. M.S.Patwardhan (P.I)	AICTE	Recognition of facial expression in real time environment for online interactive learning system	8-180/RIFD/RPS/POLICY-1/2014-15	03-09-15	7,00,000/-	Seven Lakh
		Prof S P Deshmukh						
		Prof N D Kulkarni						
		Prof Dr. M.S.Patwardhan(P.I)	AICTE	Designing a framework for Automation of Educational Data Storage, Accreditation and Prediction (AEDSAP)	8023/RID/RPS-161(Pvt.)/2011-12	29/12/2011	6,50,000/-	Six Lakhs Fifty Thousand
		P. A. Bailke						
				Prof. Madhuri Deshpande (PI), Prof. (Dr.) Rahul Waikar (CI)	ISRO	Development of Graphite Fiber reinforced Aluminium (7075) in the rolled sheet form	PU/ISRO-STC/1475	13th Nov. 2013
		Prof.(Dr.)M.B. Chaudhari	DST	Design and Development of Multiorifice Synthetic jet to study the heat transfer characteristics and noise level reduction	SR/FTP/ETA-0066/2011	17.07.2012	10,50,000/-	Ten lakh fifty thousand

	Prof. M.R. Khodke	BCUD Pune University	Nanosensor	OSD/BCUD/360/ 21	21.10.2013	2,10,000/-	Two lakh ten thousand
	Prof. H. G Phakatkar	BCUD Pune University	Fatigue analysis of Spiral flexure bearing	OSD/BCUD/360/ 21	21.10.2013	1,90,000/-	One lakh ninety thousand