

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

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 A.S.Shingare	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
			D.P.Pawar S.S.Pawale	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
			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	Saptashrungi Pvt. Ltd. And VIT, Pune	Deployable toilet system		6th July, 2016	16,00,000/-	Sixteen lakhs
<b>2</b>	<b>2014-15</b>	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	BCUD, SPPU, Pune	Hindi and Marathi to named entity machine transliteration using metrical approach	14ENG000888	03-09-15	90,000/-	Ninety Thousand
		P K Gokhale A S Shingare(P.I) P. A. Bailke	BCUD, SPPU, Pune	Accelerating SQL select-where queries using parallel GPU implementation	14ENG001630	03-09-15	30,000/-	Thirty Thousand
		P S Dhabe 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, Prof. K. G. Mundada	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
		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
<b>3</b>	<b>2013-14</b>	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/P OLICY-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	20,50,000/-	Twenty lakh & fifty thousands only
		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