

Vivekanand Education Society's Institute Of Technology
(Affiliated to University of Mumbai)

Institute Name	Vivekanand Education Society's Institute Of Technology
India Ranking 2021 ID	IR-E-C-33895
Discipline	Engineering
Parameter	Sponsored Research Projects

Financial Year	Type of Grants	Name of Faculty (Principal Investigator)	Title of the Project	Sanctioned order no.	Sanctioned date	Amount Received(In Rupees)	Amount received (in words)
2019-20	University of Mumbai Minor Research Grant Project	Mrs. Sharmila Sengupta	Sahara: A stanchion for the blind	APD / ICD / 2019-20 / 762	17th March 2020	30000	Thirty thousand
		Mrs. Vidya Zope	Trailtracker: Anti-poaching Intelligence"	APD / ICD / 2019-20 / 763	17th March 2020	10000	Ten thousand
		Mrs. Lifna C S	Coreveillance- Making our world a "SAFER" Place	APD / ICD / 2019-20 / 764	17th March 2020	15000	Fifteen thousand
		Mrs. Abha Tewari	"Food to people: A Block Chain Solution	APD / ICD / 2019-20 / 765	17th March 2020	25000	Twenty five thousand
		Mrs. Kajal Jewani Mr. Richard Joseph	FireMan Helper	APD / ICD / 2019-20 / 766	17th March 2020	15000	Fifteen thousand
		Mrs. Arti Sawant	Voice controlled wheelchair	APD / ICD / 2019-20 / 766	17th March 2020	15000	Fifteen Thousand
		Mrs. Nusarat Ansari	Cost effective electronic limbs	APD / ICD / 2019-20 / 766	17th March 2020	45000	Forty five thousand
		Mrs. Jyoti Dawkar	Agri Robot	APD / ICD / 2019-20 / 766	17th March 2020	25000	Twenty five thousand
		Dr. Saylee Gharge	Air pollution monitoring system using WSN	APD / ICD / 2019-20 / 766	17th March 2020	35000	Thirty five thousand
		Mugdha Jogalekar	Parallel Synthesizer with Independent Temperature Control	APD / ICD / 2019-20 / 766	17th March 2020	35000	Thirty five thousand only
		Namrata Bonde	Programmable Computer Controlled Active Analog Filter	APD / ICD / 2019-20 / 766	17th March 2020	25000	Twenty five thousand only
		Deepti Khimani	Maximum Power Point Tracking of Photovoltaic Cell	APD / ICD / 2019-20 / 766	17th March 2020	20000	Twenty Thousand only
		Anushree Prabhu	Water Monitoring System using IOT	APD / ICD / 2019-20 / 766	17th March 2020	20000	Twenty Thousand only
		Mrs. Vidya Pujari	Beach cleaning bot	APD / ICD / 2019-20 / 766	17th March 2020	20000	Twenty Thousand only
		Mrs. Charusheela nehete	Assistive Smart Stick for Independent and Safe Travel (ASSIST)	APD / ICD / 2019-20 / 766	17th March 2020	15000	Fifteen thousand only
Mrs. Asha Bhambe	Fraud Prevention on Crowdfunding Platform	APD / ICD / 2019-20 / 766	17th March 2020	30000	Thirty thousand only		

		Mrs. Jayashree Hajgude	Capacity Planning for Public Toilets for Urban Slums	APD / ICD / 2019-20 / 766	17th March 2020	15000	Fifteen thousand only
	TEXAS Instruments	Dr. Nadir Charniya	E-toll	Texas Instruments	23rd December 2019	12000	Tweleve Thousand
	DAE-BRNS	Jayalekshmi Nair, Sangeetha Prasanna Ram	Development of Methodology for Indian Evaluated Nuclear Data Library for applications in S & T	51/14/07/2019-BRNS/36083	10/7/2019	572988	Five lakhs seventy two thousand nine hundred and eighty eight only
	Microsoft AI for Earth -Azure Compute Grant	Dr. Nupur Giri Mr. Richard Joseph	Contagious disease propagation study and containment strategies using Machine Learning : Indian Scenario	Subscription No. 98342440 - 5782-4c3a-9036-c2e72657d89c	17 Oct 2019	381450 (\$5000)	Three Lakhs Eight one thousand four hundred and fifty Rupees
		Mrs. Priya R L	Predictive analysis of carbon footprint in metropolitan cities of India.	Subscription No. eaa43f1f - 4689-4549-964f-cac99bc29adde	2 Nov 2019	762900. (\$10,000)	Seven Lakhs Sixty two thousand nine hundred Rupees
		Mrs. Abha Tewari Mrs. Vidya Zope	Predicting floods in coastal regions as a direct consequence of deforestation	Subscription No. 03595606-cd0d-4917-8819-93ee36f799ca	2 Nov 2019	762900 (\$10,000)	Seven Lakhs Sixty two thousand nine hundred Rupees
		Ms. Kajal Jewani	Rehabilitation and Protection of Coastal Areas	Subscription No. 19bb9f15-c931-4ede-b905-bd980813ac33	17 Oct 2019	381450. (\$5000)	Three Lakhs Eight one thousand four hundred and fifty Rupees
		Mr. Richard Joseph	Water Supply Management and Catchment Control in Drought Prone Regions of Rural India	Subscription No. 52f60662-ad82-41a0-98c5-cbe828a71bb5	1 Nov 2019	762900. (\$10,000)	Seven Lakhs Sixty two thousand nine hundred Rupees
		Dr.(Mrs.) M. Vijayalakshmi Dr.(Mrs.) Shalu Chopra	Improving overall Crop quality and production using various AI techniques.	Subscription No. d4g7h58e-2478-44d4-a471-74a129a22356	2 Nov 2019	729205 (\$10,000)	Seven Lakhs Sixty two thousand nine hundred Rupees
		Ms. Sukanya Roychowdhury	Prediction of Forest Fires using AI for and ML	Subscription Id: eec2f4e3-2641-43c4-a108-aaa29422f3cc	5th Feb2020	1093920 (\$15,000)	Eleven lakh forty four thousand three hundred fifty
2018-19	University of Mumbai Minor Research Grant Project	Dr. Anjali Yeole	Smart Box	APD/237/601 of 2019 Project No. 106	27/3/2019	30000	Thirty Thousand
		Mrs. Indu Dokare	Autonomous Luggage carrying Robot using Image Processing	APD/237/601 of 2019 Project No. 187	27/3/2019	25000	Twenty Five Thousand
		Mrs. Rupali Hande	Transparent and trackable donations using blockchain	APD/237/601 of 2019 Project No. 105	27/3/2019	40000	Forty Thousand
		Mrs. Sunita Suralkar	Garuda: The Intelligent Ornithopter	APD/237/601 of 2019 Project No. 94	27/3/2019	30000	Thirty Thousand
		Prof. Shanta Sondur	Heart Disease prediction using AI (Deep Learning)	APD/237/601 of 2019	27/3/2019	40000	Fourty Thousand only
		Ms. Sukanya Roychaudhury	Optimized rescue system for accidents and emergencies	APD/237/601 of 2020	27/3/2019	35000	Thirty Five thousand Only
		Prof. Shalu Chopra	Recommender System to Identify Influential Individuals on Social Media	APD/237/601 of 2021	27/3/2019	15000	Fifteen Thousand only
		Mr. Ajinkya Walanjoo	Air quality monitoring and control system using WSN	APD/237/601 of 2019	27/3/2019	25000	Twenty five Thousand only
		Mrs. Neeta Chavan	Infant Incubator intelligent control system	APD/237/601 of 2019	27/3/2019	25000	Twenty five Thousand only
		Mrs. Himali Patel	Smart vehicle for physically challenged people	APD/237/601 of 2019	27/3/2019	20000	Twenty Thousand only

		Mr. Shobit Khandare	Prototype Design and controller implementation for a battery-ultra capacitor hybrid electric vehicle	APD/237/601 of 2019	27/3/2019	25000	Twenty five Thousand only
		Kanchan Chavan	Time to Digital Converter for Nuclear Timing Spectroscopy Applications	Project No 189	27/3/2019	20000	Twenty thousand only
		Mrs. Nilima Warke	Design and construction of a computer controlled High resolution Research Grade Validation System for Hardware Research	APD/237/601 of 2019 Project No. 186	27/3/2019	20000	Twenty Thousand only
	NMMC	Dr. Nadir Charnia	River Cleaning Robot	NMMC/A.V/364/2018	2018-19	50000	Fifty thousand only
	ISRO	Abhijit Shete	Martian Landform Segmentation BAsed on Structural Similarity	19013/92016-Sec.2	10th Aug 2018	99000	Ninety nine thousand
	Microsoft AI for Earth -Azure Compute Grant	Dr. Nupur Giri Mr. Richard Joseph	Contagious disease propagation study and containment strategies using Machine Learning : Indian Scenario	Subscription No. 98342440 - 5782-4c3a-9036-c2e72657d89c	8th Nov 2018	700000 (\$10000)	Seven Lakh Ten Thousand
		Dr. (Mrs.) Gresha Bhatia	Farm Guide	Subscription No. d5b8d58e-2454-44d4-a371-74a208a22339	8th Nov 2018	700000 (\$10000)	Seven Lakh Ten Thousand
		Ms. Kajal Jewani	Rehabilitation and Protection of Coastal Areas	Subscription No. 19bb9f15-c931-4ede-b905-bd980813ac33	8th Nov 2018	1005000 (\$15000)	Ten Lakhs Sixty Five Thousand
		Mr. Richard Joseph	Water Supply Management and Catchment Control in Drought Prone Regions of Rural India	Subscription No. 52f60662-ad82-41a0-98c5-cbe828a71bb5	8th Nov 2018	105000 (\$15000)	Ten Lakhs Sixty Five Thousand
		Mrs. Sunita Sahu	Machine Learning based Flood Prediction model for Mumbai, India	Subscription No. eaa53f1b - 4699-4949-964f-cac99bc29aece	8th Nov 2018	351000 (\$5000)	Three Lakhs Fifty Five Thousand
2017-18	ISRO	Mr. Abhijit Shete	Martian Landform Segmentation based on strutural similarity	19013/9/2016-sec-2	March 15, 2018	59308	Fifty nine thousand three hundred and eighth only
	University of Mumbai Minor Research Grant Project	Prof. Dr. Mrs.Gresha S Bhatia	Electricity Consumption and Home Automation	APD/237/323 of 2018	March 27, 2018	40000	Forty Thousand Only
		Prof. Richard Joseph and Prof. Kajal Jewani	Speed Regulating mechanism for Road Safety	APD/237/323 of 2018	March 27, 2018	40000	Forty Thousand Only
		Amudha Senthil Kumar	Electronic talking gloves for speech disabled people	APD/237/323 of 2018	March 27, 2018	20000	Twenty thousand only
		Ashwini Sawant	Mind controlled assistive quadrotor drone	APD/237/323 of 2018	March 27, 2018	25000	Twenty five thousand only
		Nusrat Ansari	Reinforcement learning on robot	APD/237/323 of 2018	March 27, 2018	25500	Twenty five thousand and five hundred only
		Anuradha Jadia	Veheical collision avoidance at junctions, blind urns and hairpin bends	APD/237/323 of 2018	March 27, 2018	24500	Twenty four thousaand and five thousand only