



**Vivekanand Education Society's
Institute Of Technology**

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Institute Name	Vivekanand Education Society's Institute Of Technology
India Ranking 2022 ID	IR-E-C-33895
Discipline	Engineering
Parameter	Sponsored Projects 2020-21

Financial Year	Name of the funding agency	Name of Faculty (Principal Investigator)	Title of the Project	Sanctioned order no.	Sanctioned date/Received Date	Amount Received(In Rupees)	Amount received (in words)
2020-21	AICTE	Dr.Vijayalakshmi M- Co-ordinator	Blockchain and its Application	34 - 66 / 454 / FDC / STTP / Policy - 1 / 2019 -20	29th Jan 2021	₹403,333	Four Lakhs Three Thousand Three Hundred ThirtyThree Only
		Dr. Nadir Charniya -Coordinator	Green Internet of Things	34-65/7/RIFD/STTP/Policy-1/2018-19	10 th August 2020	₹179,666	One Lakhs Seventy Nine Thousand Six Hundred SixtySix Only
	Government(Central) of India	Mrs.Manisha Joshi	Unnat Bharat Abhiyan	Ministry for funding on Technology interventions 2020-21	10th March 2021	₹50,000	Fifty thousand only
	The Tuberculosis Association Of India	Dr. Nupur Giri	Artificial Intelligence Model for Epidemiology of Tuberculosis	TBAI("Short term Research projects": Financial Assistance Scheme- 2020-2021) / 4 / 2020-21	29th Sep. 2020	₹30,000	Thirty thousand only
	Modernization and Removal of Obsolescence (MODROB), AICTE	Dr. Ranjan Bala Jain	Wireless Networks	F.No.9-205/IDC/MODROB/policy-1/2019-20	20th July 2020	₹729,412.00	Seven Lakhs Twenty Nine Thousand Four Hundred Twelve only
	Swadeshi Microprocessor challenge- Sponsored by MeitY -- Under #AatmaNirbharBharat Abhiyan,MHRD	Mr.Mrugendra Vasmatkar	Battery Management unit-	submission id: 8861083	5th February2021	₹100,000.00	One Lakhs only
		Mr.Gopalakrishnan.N Mrs.Ajesh Lekshmi	High Resolution Multichannel Analyzer for nuclear spectroscopy application	Registration ID: 8819443	5th February2021	₹100,000.00	One Lakhs only
		Mrs. Asma Parveen I. Siddavatam,Dr. P. P Vaidya	Swadeshi Microprocessor Challenge-Calibration System for Nuclear Spectroscopy Applications	Registration ID: 8859923	5th February2021	₹100,000.00	One Lakhs only
	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	14th January 2021	₹342,310.00	Three Lakhs Forty Two Thousand Three hundred ten
	Microsoft AI for Earth -Azure Compute Grant	Mrs. Jayashree Hajgude	Land Use Classification Using Satellite Images	ID:00010000203	11th May 2020	1137465 (15000USD)	Eleven Lakhs Thirty seven Thousand Four hundred Sixty five
Dr (Mrs) M. Vijayalakshmi		AI based Farmer Empowerment	ID:00010003308	3rd Feb 2021	737100 (10000USD)	Seven Lakhs Thirty seven Thousand One hundred only	
Ms. Sukanya Roychowdhury		Forest Fire Prediction Using LSTM Networks	Subscription Id: eec2f4e3-2641-43c4-a108-eea29422f3cc	24th June 2020	1137465 (15000USD)	Eleven Lakhs Thirty seven Thousand Four hundred Sixty five only	
Mrs.Pooja Nagdev Mrs.Abha Tewari		Monitoring and Assessing Coral Reefs in Oceans	ID:00010000186	20th Oct. 2020	367700 (5000USD)	Three lakhs Sixty seven Thousand seven hundred only	
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	₹30,000.00	Thirty thousand only
		Mrs.Vidya Zope	Trailtracker: Anti-poaching Intelligence"	APD / ICD / 2019-20 / 763	17th March 2020	₹10,000.00	Ten thousand only
		Mrs. Lifna C S	Coreveillance- Making our world a "SAFER" Place	APD / ICD / 2019-20 / 764	17th March 2020	₹15,000.00	Fifteen thousand only
		Mrs. Abha Tewari	"Food to people: A Block Chain Solution	APD / ICD / 2019-20 / 765	17th March 2020	₹25,000.00	Twenty five thousand only
		Mrs. Kajal Jewani Mr. Richard Joseph	FireMan Helper	APD / ICD / 2019-20 / 766	17th March 2020	₹15,000.00	Fifteen thousand only
		Mrs. Arti Sawant	Voice controlled wheelchair	APD / ICD / 2019-20 / 766	17th March 2020	₹15,000.00	Fifteen Thousand only
		Mrs. Nusarat Ansari	Cost effective electronic limbs	APD / ICD / 2019-20 / 766	17th March 2020	₹45,000.00	Forty five thousand only
		Mrs.Jyoti Dawkar	Agri Robot	APD / ICD / 2019-20 / 766	17th March 2020	₹25,000.00	Twenty five thousand
		Dr. Saylee Gharge	Air pollution monitoring system using WSN	APD / ICD / 2019-20 / 766	17th March 2020	₹35,000.00	Thirty five thousand only
		Mrs.Mugdha Jogalekar	Parallel Synthesizer with Independent Temperature Control	APD / ICD / 2019-20 / 766	17th March 2020	₹35,000.00	Thirty five thousand only
		Mrs.Namrata Bonde	Programmable Computer Controlled Active Analog Filter	APD / ICD / 2019-20 / 766	17th March 2020	₹25,000.00	Twenty five thousand only
		Mrs.Deepti Khimani	Maximum Power Point Tracking of Photovoltaic Cell	APD / ICD / 2019-20 / 766	17th March 2020	₹20,000.00	Twenty Thousand only
		Mrs.Anushree Prabhu	Water Monitoring System using IOT	APD / ICD / 2019-20 / 766	17th March 2020	₹20,000.00	Twenty Thousand only
		Mrs. Vidya Pujari	Beach cleaning bot	APD / ICD / 2019-20 / 766	17th March 2020	₹20,000.00	Twenty Thousand only
		Mrs. Charusheela nehete	Assistive Smart Stick for Independent and Safe Travel (ASSIST)	APD / ICD / 2019-20 / 766	17th March 2020	₹15,000.00	Fifteen thousand only
		Mrs. Asha Bharambe	Fraud Prevention on Crowdfunding Platform	APD / ICD / 2019-20 / 766	17th March 2020	₹30,000.00	Thirty thousand only
		Mrs. Jayashree Hajgude	Capacity Planning for Public Toilets for Urban Slums	APD / ICD / 2019-20 / 766	17th March 2020	₹15,000.00	Fifteen thousand only
		TEXAS Instruments	Dr. Nadir Charniya	E-toll	Texas Instruments	23rd December 2019	₹12,000.00
DAE-BRNS	Dr.Jayalekshmi Nair, Mrs.Sangeetha Prasanna Ram	Development of Methodology for Indian Evaluated Nuclear Data Library for applications in S & T	51/14/07/2019-BRNS/36083	10th July 2019	₹572,988.00	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	27th March 2019	₹30,000.00	Thirty Thousand
		Mrs. Indu Dokare	Autonomous Luggage carrying Robot using Image Processing	APD/237/601 of 2019 Project No. 187	27th March 2019	₹25,000.00	Twenty Five Thousand
		Mrs. Rupali Hande	Transparent and trackable donations using blockchain	APD/237/601 of 2019 Project No. 105	27th March 2019	₹40,000.00	Forty Thousand
		Mrs. Sunita Suralkar	Garuda: The Intelligent Ornithopter	APD/237/601 of 2019 Project No. 94	27th March 2019	₹30,000.00	Thirty Thousand
		Prof. Shanta Sondur	Heart Disease prediction using AI (Deep Learning)	APD/237/601 of 2019	27th March 2019	₹40,000.00	Fourty Thousand only
		Ms. Sukanya Roychaudhury	Optimized rescue system for accidents and emergencies	APD/237/601 of 2020	27th March 2019	₹35,000.00	Thirty Five thousand Only
		Prof. Shalu Chopra	Recommender System to Identify Influential Individuals on Social Media	APD/237/601 of 2021	27th March 2019	₹15,000.00	Fifteen Thousand only
		Mr. Ajinkya Walanjoo	Air quality monitoring and control system using WSN	APD/237/601 of 2019	27th March 2019	₹25,000.00	Twenty five Thousand only
		Mrs. Neeta Chavan	Infant Incubator intelligent control system	APD/237/601 of 2019	27th March 2019	₹25,000.00	Twenty five Thousand only
		Mrs. Himali Patel	Smart vehicle for physically challenged people	APD/237/601 of 2019	27th March 2019	₹20,000.00	Twenty Thousand only
		Mr. Shobit Khandare	Prototype Design and controller implementation for a battery-ultra capacitor hybrid electric vehicle	APD/237/601 of 2019	27th March 2019	₹25,000.00	Twenty five Thousand only
		Kanchan Chavan	Time to Digital Converter for Nuclear Timing Spectroscopy Applications	Project No 189	27th March 2030	₹20,000.00	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	27th March 2031	₹20,000.00	Twenty Thousand only
		NMMC	Dr. Nadir Charnia	River Cleaning Robot	NMMC/A.V/364/2018	2018-19	₹50,000.00
ISRO	Mr. Abhijit Shete	Martian Landform Segmentation Based on Structural Similarity	19013/92016-Sec.2	10th Aug 2018	₹99,000.00	Ninety nine thousand 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	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-cac99bc29aeee	8th Nov 2018	351000 (\$5000)	Three Lakhs Fifty Five Thousand	