



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

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

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| Institute Name | Vivekanand Education Society's Institute Of Technology |
| India Ranking 2023 ID | IR-E-C-33895 |
| Discipline | Engineering |
| Parameter | Sponsored Projects 2022-23 |

| 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) |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|
| 2022-23 | iHub-Data Mobility Fellowship 2022 IIT Hyderabad | Dr. Nupur Giri | Spatiotemporal Forecasting of Traffic Flow Data and Optimal Path Navigation using Link | VESIT/iHUB/07/06/2022 | 07th June 2022 | ₹215,000 | Two Lakh fifteen thousand |
| | Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC and IIT Madras | Mrs. Asma Parveen I. Siddavatam, Dr. P. P Vaidya | Swadeshi Microprocessor Challenge-Calibration System for Nuclear Spectroscopy Applications | Registration ID: 8859923 | 05th September 2022 | ₹1800000 | Eighteen Lakh |
| | DAE-BRNS | Dr. 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 | October 2022-23 | ₹370000 | Three Lakh Seventy Thousand only |
| | University of Mumbai Minor Research Grant Project | Mr. Ajinkya Walanjoo | Air quality monitoring and control system using WSN | APD/237/601 of 2019 | January 2022-23 | ₹15000 | Fifteen Thousand only |
| | | Mrs. Neeta Chavan | Infant Incubator intelligent control system | APD/237/601 of 2019 | January 2022-23 | ₹15000 | Fifteen Thousand only |
| | | Mrs. Himali Patel | Smart vehicle for physically challenged people | APD/237/601 of 2019 | January 2022-23 | ₹11995 | Eleven Thousand Nine hundred Ninety Five |
| | | Mr. Shobit Khandare | Prototype Design and controller implementation for a battery-ultra capacitor hybrid electric vehicle | APD/237/601 of 2019 | January 2022-23 | ₹14983 | Fourteen Thousand Nine Hundred Eighty Three only |
| | | Mrs. Kanchan Chavan | Time to Digital Converter for Nuclear Timing Spectroscopy Applications | Project No 189 | January 2022-23 | ₹12000 | Twelve Thousand only |
| | | Mrs. Rupali Hande | Transparent and trackable donations using blockchain | APD/237/601 of 2019 Project No. 105 | January 2022-23 | ₹11701 | Eleven Thousand Seven Hundred one only |
| | | Mrs. Sunita Suralkar | Garuda: The Intelligent Ornithopter | APD/237/601 of 2019 Project No. 94 | January 2022-23 | ₹18000 | Eighteen Thousand only |
| 2021-22 | Sony India Software Centre Pvt. Ltd. and IIT-Madras Pravartak | Mr. Mrugendra Vasmatkar | NeuroFIT Rehab through VR. | 160/ 10/16/2021 | 16th October 2021 | ₹10000 | Ten Thousand only |
| | AICTE | Dr.Vijayalakshmi M- Co-ordinator | AICTE Sponsored- Online STTP-Blockchain and its Application(Conducted in 4 Phases) | 34 - 66 / 454 / FDC / STTP / Policy - 1 / 2019 -20 | 29th Jan 2021 Phase 1(29th March to 3rd April 2021) | ₹403333 | Four Lakh Three Thousand Three Hundred ThirtyThree Only |
| | AICTE ATAL Scheme | Dr. Nadir Charniya -Coordinator | AICTE ATAL- Cyber security | F.No.01_/AICTE/ATAL-HQ/2020-21 | 8th June 2021 | ₹93,000 | Ninety three thousand only |
| | | Dr. Rohini Temkar - Co-coordinator | AICTE ATAL- Electric vehicle | F.No.01_/AICTE/ATAL-HQ/2020-21 | 8th June 2021 | ₹93,000 | Ninety three thousand |
| | | Dr. Mrs.J.M.Nair-Coordinator | | | | | |
| | Dr. Monali Chaudhari -Co-coordinator | | | | | | |
| | Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC and IIT Madras | Mrs. Asma Parveen I. Siddavatam, Dr. P. P Vaidya | Swadeshi Microprocessor Challenge-Calibration System for Nuclear Spectroscopy Applications | Registration ID: 8859923 | 4th september 2021 3rd December 2021 | ₹2400000 | Twenty Four lakh 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 | ₹576750 | Five Lakh Seventy Six Thousand Seven Hundred Fifty only | |
| Microsoft AI for Earth Compute Grant | Dr. Nupur Giri | Climate, Air Pollution and Forest Fires : AI based models for Indian case study. | ID:00138000738 | 13th Oct 2021 | 413021.75 (USD 5000) | Four Lakh Thirteen Thousand Twenty one only | |
| | Dr. Sharmila Sengupta Priya R L | "AI based statistical analysis of pollution due to land and ocean plastic waste in India" | ID:00138000747 | 25th Nov 2021 | 1239065.25 (USD 15000) | Twelve Lakh thirty nine thousand sixty five only | |
| | Sunita Sahu Richa Sharma | Forecasting of Carbon Emissions due to Meat Industry | ID:00138000838 | 19th Oct 2021 | 1239065.25 (USD 15000) | Twelve Lakh thirty nine thousand sixty five only | |
| 2020-21 | AICTE | Dr. Vijayalakshmi M | 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 | 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 Obsolescenc (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 |

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| | Mrs. Asma Parveen I. Siddavatam, Dr. P. P Vaidya | Swadeshi Microprocessor Challenge-Calibration System for Nuclear Spectroscopy Applications | Registration ID: 8859923 | 5th February 2021 | ₹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 |