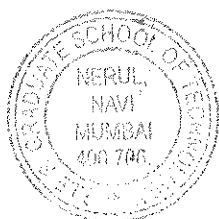


DVV-3.1.1-1: List of approved projects, Department, name of project, agency providing assistance, date and year of award, amount of Grant sanctioned, and completion status, year wise, for all the five assessment years, attested by the Principal.

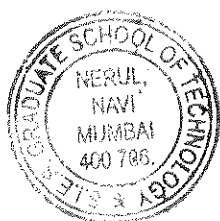
Name of the Project/ Endowment s, Chairs	Name of the Principal Investigator/ Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctio ned	Duratio n of the project	Name of the Funding Agency	Type (Government /non-Government)
Minor Project	Prachi Shahane	Computer Engineering	2019-20	0.25	1 year	University of Mumbai	Government
Minor Project	Dr. Rajesh Kadu	Computer Engineering	2019-20	0.25	1 year	University of Mumbai	Government
Minor Project	Ujwala Ravale	Computer Engineering	2019-20	0.25	1 year	University of Mumbai	Government
Major Project, "Solar Powered Onion dryer using induction heating Technology "	Dr.Atul Kemkar	Electronics & Telecommunic ation	2019-20	3.92	2 years	Departme nt Of Science & Technolog y	Government
Minor Project, "Real time litter detection using Machine Learning"	Dr.Preeti Hemnani	Electronics & Telecommunic ation	2019-20	0.2	1 year	University Of Mumbai	Government
Minor Project, "Planar Textile Antenna for WBAN operating in ISM band"	Ms.Sonal Hutake	Electronics & Telecommunic ation	2019-20	0.2	1 year	University Of Mumbai	Government
Minor project	Dr. Pradip Patil	Mechanical Engineering	2019-20	0.2	1 year	UoM	Government



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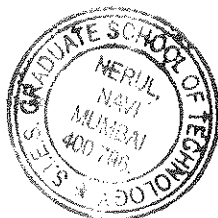
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Minor project	Dr. Kaustubh Chavan	Mechanical Engineering	2019-20	0.4	1 year	UoM	Government
Consultancy project on 3D Printing	Prof. Prasad B. Iyer Prof. Sagar S. Waghmare	Printing and Packaging Technology Department	2019-20	0.75	4 Month	Electronic Enterprises (i) pvt. Ltd.	Non-Government
Tensile pull-out testing of implants on teeth samples	Prof. Sandesh Ramteke	Printing and Packaging Technology Department	2019-20	0.08	2 Months	Dr. Tarana (Terna Dental College)	Non-Government
Synthesis of undoped and doped TiO2 thin films and check its usability it for water purification	Dr. Manasi Karkare	Humanities and applied Science	2019-20	0.6	1Year	Mumbai University	Government
Predicting Parkinson's Disease	Ms. Savita Lohiya, Ms. Leena Ladge	Information Technology	2019-20	0.3	1 Year	University of Mumbai	Government
Voice Based Heart Rate Monitoring System	Ms. Seema Redekar, Dr. Lakshmisudha	Information Technology	2019-20	0.25	1 year	University of Mumbai	Government
Document gathering app	Bushra Shaikh, Dr. Lakshmisudha	Information Technology	2019-20	0.075	1 year	Ellipsis Research	Non-Government
Ethics & Integrity: A Case Based Analysis for Organizational Growth	Dr. Geetanjali Mishra	H&AS	2019-20	0.2	1Year	Mumbai University	
Minor Research Grant	Dr. Rizwana S/Masooda Modak	Computer Engineering	2018_19	0.4	one year	University of Mumbai	Government
Minor Grant , "Compact Remote Controlled based multipurpos	Dr. Shishir Jagtap	Electronics & Telecommunication	2018-19	0.25	1 year	University Of Mumbai	Government

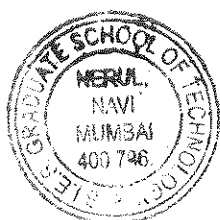


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e frequency reconfigurable antenna for long distance communication"							
UAV based Structural flaw detection using ANN.	Ms.Kintu Patel	Electronics & Telecommunication	2018-19	0.25	1 year	University Of Mumbai	Government
Asset Monitoring and Tracking using RFID System.	Dr.Shishir Jagtap	Electronics & Telecommunication	2018-19	0.35	1 year	University Of Mumbai	Government
IOT based Wireless Sensor Network(WSN) for metropolitan cities to monitor air pollution level.	Ms.Pratiba Joshi	Electronics & Telecommunication	2018-19	0.2	1 year	University Of Mumbai	Government
An Intelligent Green Energy Based IoT Sensor Node for Data Monitoring using WEMOS D1 MINI	Mr.Vishal Gaikwad	Electronics & Telecommunication	2018-19	0.2	1 year	University Of Mumbai	Government
Accident Mitigator	Dr. Atul Kemkar	Electronics & Telecommunication	2018-19	0.5	1 year	Navi Mumbai Municipal Corporation	Government
Smart Agriculture	Dr. Lakshmisudh	Information Technology	2018-19	0.15	1 year	University of	Government



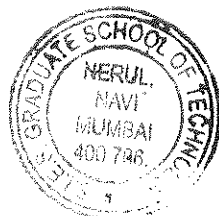
Using IOT	a					Mumbai	
IOT based Smart Kitchen System	Ms. Bushra Shaikh	Information Technology	2018-19	0.3	1 year	University of Mumbai	Government
IOT based Driver Drowsiness Warning	Ms. Stuti Ahuja Ms. Seema Redekar	Information Technology	2018-19	0.25	1 year	University of Mumbai	Government
Minor project	Dr. Rupendra Nehete	Mechanical Engineering	2018-19	0.5	1 year	UoM	Government
Minor project	Prof. Prashant Ambadekar	Mechanical Engineering	2018-19	0.5	1 year	UoM	Government
Synthesis and characterization of Chitosan based magnetic nanocomposites for waste water treatment.	Dr. Smitha S Kumar	Humanities and applied Science	2018-19	0.3	1Year	Mumbai University	Government
Fabrication, characterization and application of transition metal doped SnO ₂ nanoparticles by co-precipitation method.	Dr. G. Kanthimathi	Humanities and applied Science	2018-19	0.45	1Year	Mumbai University	Government
Synthesis of nanostructured conducting polymers for gas sensing applications	Dr. Snehal Kargirwar	Humanities and applied Science	2018-19	0.4	1Year	Mumbai University	Government
Mercury	Prof. Prasad	Printing and	2018-	0.3	1 Year	Mercury	Non-



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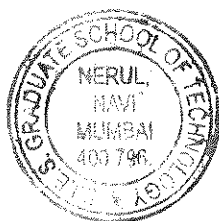
Industries Limited	B.Iyer, Prof. Gaurav Fasate	Packaging Technology Department	19			Industries Limited, Bharuj, Gujrat	Government
Minor Research Grant	Pranita Mahajan	Computer Engineering	2017-18	0.2	1 year	University of Mumbai	Government
Minor Research Grant	Anindita Khade,/Dr. Rizwana Shaikh, Masooda Modak, Kalyani Pampattiwar	Computer Engineering	2017-18	0.4	1 year	University of Mumbai	Government
Minor Research Grant	Varsha Patil, Kranti Bade, Namrata Patel, Amita Shejale	Computer Engineering	2017-18	0.4	1 year	University of Mumbai	Government
Minor Research Grant	Sunil K Punjabi, Suvarna Chaure, Deepti Reddy, Ujwala Raware	Computer Engineering	2017-18	0.35	1 year	University of Mumbai	Government
Human Skin as a Touch screen	Ms.Vandana Sawant	Electronics & Telecommunication	2017-18	0.15	1 year	University Of Mumbai	Government
Mercury Industries Limited	Prof. Prasad B.Iyer Prof. Gaurav Fasate	Printing and Packaging Technology Department	2017-18	1.8	3 Years	Mercury Industries Limited, Bharuj, Gujrat	Non-Govent
Synthesis of magnetic nanoparticles and investigation of their physical, and structural properties for use in	Prof. Sandhya Bharambe	H&AS	2017-18	0.60	1Year	Mumbai University	Govt



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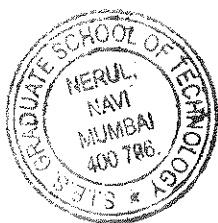
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SECTOR-V, NERUL, NAVI MUMBAI - 400 705.

environmental applications							
Minor Research Grant	Dr. Rizwana S/Ms. Masooda Modak/Ms. Kalyani Pampattiwar /Ms. Roopal M	Computer Engineering	2016-17	0.2	one year	University of Mumbai	Government
Minor Research Grant	Suvarna Chauré	Computer Engineering	2016-17	0.25	one year	University of Mumbai	Government
Analysis of public safety communication signals using Software Defined Radio	Dr. Atul Kemkar	Electronics & Telecommunication	2016-17	0.25	1 year	University Of Mumbai	Government
IoT based Structural Health Monitoring System	Ms. Leena Ladge	Information Technology	2016-17	0.26	1 year	University of Mumbai	Government
AI-based Autonomous Learning Robot	Ms. Neena T. Jacob	Information Technology	2016-17	0.21	1 year	University of Mumbai	Government
Smart Light System	Ms. Seema Redekar	Information Technology	2016-17	0.2	1 year	University of Mumbai	Government
Water Soluble Edible Films - Optimizing process conditions & Characterization	Prof. Sagar Sejwalkar	Printing and Packaging Technology Department	2015-16	0.3	1 year	University of Mumbai	Government
Modification of existing 3D printer	Prof. Prasad B. Iyer	Printing and Packaging Technology	2015-16	0.3	1 year	University of Mumbai	Government



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to improve the printing accuracy and to study strength characteristics of the printed object		Department					
Modification of thermoforming machine to reduce processing Cycle time	Prof. Rashmi Bhat	Printing and Packaging Technology Department	2015-16	0.3	1 year	University of Mumbai	Government
Real time monitoring of CO2 emissions in vehicals	Prof. Prachi Shahane	Computer Engineering	2015-16	0.3	1 year	University of Mumbai	Government
Preparation of thin film of Nano TiO2 and Study of its Optical, Electrical and Photo catalytic properties	Prof. Dr.Mansi Karkare	Humanities and applied Science	2015-16	0.5	1 year	University of Mumbai	Government



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