



Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY
Munshi Nagar, Andheri (W), Mumbai – 400 058.
(Autonomous Institute Affiliated to University of Mumbai)

3.2: Resource Mobilization for Research

3.2.2: Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five year

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Sr. No.	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Amount In Lakhs
1	Dr. S. S. Sawant	Design and Development of fully automated pressure and vacuum controlled Precision Induction casting machine	University of Mumbai	1 Year	70

AY 2021-22

Sr. No.	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Amount In Lakhs
1	Dr. Deepak Karia	Real Time Signal Processing Laboratory	University of Mumbai	1 Year	1.4176
2	Dr. Y. S. Rao	Development of Renewable Energy Laboratory	University of Mumbai	1 Year	8.8

AY 2020-21

Sr. No.	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Amount In Lakhs
1	Dr. Deepak Karia	Medicine Delivering Smart Autonomous Vehicle	University of Mumbai	1 Year	0.15
2	Dr. K. T. Talele	IoT Lab Development	University of Mumbai	1 Year	10

AY 2019-20

Sr. No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Amount In Lakhs
1	Prof.Surekha Dholay	Improving Dropouts Rates using Adaptive Learning System in MOOC Courses	University of Mumbai	1 Year	0.3
2	Prof. Anand Mane	Study of electromagnetic radiations in urban areas and its health hazzards	University of Mumbai	1 Year	0.25
3	Prof. Manish Parmar	Autonomous package dispatcher bot using video processing	University of Mumbai	1 Year	0.25
4	Prof. Dayanand Ambawade	PRIMA: product for instant maleria assessment	University of Mumbai	1 Year	0.25
5	Dr. Pooja Raundale	IoT based biomedical waste classification, quantification and management system	University of Mumbai	1 Year	0.6
6	Dr. Aarti Karande	Smart iot based water monitoring system	University of Mumbai	1 Year	0.55
7	Prof. Pallavi Thakur	Helping Hand	University of Mumbai	1 Year	0.25
8	Prof. Priya Deshpande	LabVIEW based automatic data acquisition system for detection of type of Tumor cells using Electrical Impedance Tomography	University of Mumbai	1 Year	0.2
9	Prof. Payal Shah	Design of IOT enabled multi-parameter measurement system for water Quality Monitoring	University of Mumbai	1 Year	0.15
10	Dr. Surendra Rathod	Development of advanced digital laboratory	University of Mumbai	1 Year	8.8
11	Prof. Jignesh Sisodia	Drug quality check throughout supply chain using block chain	University of Mumbai	1 Year	0.4
12	Prof.Rupali Sawant	Personalised diet monitoring and control systems for healthy life	University of Mumbai	1 Year	0.3
13	Prof. Nikhahat Mulla	Autonomous Quadcopter using deep reinforced learning	University of Mumbai	1 Year	0.3
14	Prof. Sunil Ghane	Portfolio risk mitigation and assessment using market analysis	University of Mumbai	6 months	0.15
15	Prof. Pramod Bide	Event detection in social media streams	University of Mumbai	6 months	0.25

AY 2018-19

Sr. No.	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration
1	Prof. Sheetal Chaudhari	Automated Intelligence surveillance system for detecting suspicious behaviour	University of Mumbai	1 Year
2	Prof. Swapnali Kurhade	Summarization and storage of Legal documents	University of Mumbai	1 Year
3	Prof. Renuka Pawar	Education Using Augmented Reality	University of Mumbai	1 Year
4	Prof. Reena Sonkusare	Image processing for facial and emotional and developing models for analyse and predict drivers behaviour	University of Mumbai	1 Year
5	Prof. Milind Paraye	Implementation of Maximum Power Point Tracker for solar system	University of Mumbai	1 Year
6	Prof. P V Kasambe	Design, Development and Automation of Bio-Sand Filter	University of Mumbai	1 Year
7	Prof. Najib Ghatte	Universal MODBUS Data Logger	University of Mumbai	1 Year