



XAVIER INSTITUTE OF ENGINEERING

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Research, Consultancy and Collaboration Projects

Sr No.	Name of the research project	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year	Duration of the project	Name of the Collaborating Agency
1	Mirror Visage: Enhancing Perception Through IoT - Smart Mirror using IoT	Prof. Vaishali Gaikwad Mr. Shinell Athaide Ms. Rhea Fernandes Mr. Rickin Joseph	Computer Engineering	2023	1 Year	Citizen Bank
2	Smart E- Wheelchair	Prof. Jyotsna More Mr. Jeevan Varghese Mr. Castro Nadar Ms. Ishika Shinde Mr. Om Tiwari	Information Technology	2023	1 Year	YES Bank
3	Prediction of Cerebral Palsy Using Machine Learning and Deep Learning Techniques	Prof. Beatrice Ms. Divya Kulkarni Ms. Chinamayee Patil Mr. Leron Patel Mr. Stephen Wallace	Computer Engineering	2022	1 Year	ICICI Foundation
4	Disaster Response Management using Deep Learning	Prof. Jaychand Upadhyay Mr. Himanshu Gharat Mr. Savla Pallav Mr. Reetik Gupta	Information Technology			
5	Needles in a HayStack: How Pooling can control error rates in noisy tests	Prof. Fr. Dr. John Rose SJ Prof. Stella J	Information Technology	2021	1 Year	Southampton Marine Office
6	Healthcare Monitoring System using Visible Light Communication (Li-Fi)	Prof. Shailaja Udtewar	Electronics and Telecommunication	2020	1 Year	University of Mumbai
7	Implementation of VPN, AWS Cloud enabled real time water pollution monitoring system	Prof. Leena Patil	Electronics and Telecommunication	2020	1 Year	University of Mumbai

8	A Smart Assistive Device for Visually Impaired	Prof. Madhura Shirodkar	Electronics and Telecommunication	2020	1 Year	University of Mumbai
9	Anemia Detection from IoT Based Fundus Images	Prof. Sushama Khanvilkar	Computer Engineering	2020	1 Year	University of Mumbai
10	IoT-based Air Pollution Meter with Digital Dashboard on Smartphone	Prof. Kavita Jain	Computer Engineering	2020	1 Year	University of Mumbai
11	FPGA based Blood Sample Characterization	Prof. Tejal Deshpande	Electronics and Telecommunication	2019	1 Year	University of Mumbai
12	Road Side Sign Board Detection using ML	Prof. Chhaya Narvekar	Information Technology	2019	1 Year	University of Mumbai
13	Enhancing 3 D Printing Shape Accuracy for Complex Shaped Objects	Prof. Manali Tayade	Electronics and Telecommunication	2019	1 Year	University of Mumbai