

## Final Year B. Tech. (Instrumentation and Control Engineering) Project (AY 2022-23)

Sr. No.	MIS No.	Name of Students	Project Topic	Name of Guide	Scheme Registration	Location
1	111909027	Sarthak Ram Nimbarmunde	Simulation of artificial neural network based MPPT control algorithm for non-linear application	Dr. U. M. Chaskar	Scheme C	Bajaj Finserv, Pune
2	111909022	Pravin Arun Bharmal	Implementation of Lypunov Based Controller for Nonlinear Applications.		Scheme A	Within Department
3	111809040	Sahil Jawarkar	Assessment of microclimatic alterations and their impact using crop level data through experimental prototype of different types of agrophotovoltaic systems	Dr. G. V. Lakhekar	Scheme A	Within Department
4	111709030	Snehal Chaudhari			Scheme A	Within Department
5	111809038	Rochees Gaikwad			Scheme A	Within Department
6	111909003	Abhiraj Rathod	Data Driven Decision Control Support System for Control Valve	Mrs. M. A. Khandekar	Scheme A	Within Department
7	111909026	Sanket Rajendrakumar Pawar			Scheme A	Within Department
8	111909033	Rushabh kalmate			Scheme A	Within Department
9	111909005	Aditi Manoj Gajbhiye	Estimation, Characterization and Mathematical Modeling of Battery Parameters for Electrical Vehicle's	Prof. S. L. Patil	Scheme A	Within Department
10	111909020	Pranjal Madhukarrao Arbal			Scheme A	Within Department
11	111909032	Vidhi Bopche			Scheme A	Within Department
12	111909009	Anisha Raut	Battery management system for formula student electric vehicle	Prof. S. L. Patil	Scheme A	Within Department
13	111909037	Aditya Gole			Scheme A	Within Department
14	111909036	Siddhi Khasnis			Scheme A	Within Department
15	111909002	Abhijeet Ramesh Deshmukh	Effective feature extraction of Electrocardiogram signal for hyperglycemia detection	Dr. K. A. Bhole	Scheme C	Schlumberger INDIA Technology Centre Pvt Ltd in Yerawada, Pune
16	111911039	Sameer Hussain	Non invasive blood glucose monitoring using Deep learning and ECG		Scheme A	Within Department
17	111913001	Aamir Arshad Sheikh			Scheme A	Within Department
18	111909021	Khendake Pratik Navnath	Prediction of Heat transfer rate in shell tube type Heat Exchanger using Machine Learning Algorithm	Dr. G. V. Lakhekar	Scheme A	Within Department
19	111909025	Roshan Sunil Ubale			Scheme A	Within Department
20	111909007	Ajinkya Pratap Jadhav	Advanced Incubator	Dr. K. A. Bhole	Scheme A	Within Department
21	111909016	Ketaki Prasad Chandratre			Scheme A	Within Department
22	111909010	Ankur Gujrathi	Cuffless BP measurement machine	Dr. U. M. Chaskar	Scheme A	Within Department
23	111909029	Shreyasi Vaidya			Scheme A	Within Department

Sr. No.	MIS No.	Name of Students	Project Topic	Name of Guide	Scheme Registration	Location
24	111909013	Darshan Lunkad	Simulation of HVAC System Simulation of HVAC System	Mrs. Ketaki Ghodinde	Scheme C	Axxela Research and Analytics PVT LTD, Mumbai
25	111909015	Dnyaneshwar Adaskar	Alcohol level detection of factory workers with automatic machine shutdown		Scheme A	Within Department
26	111909028	Shreya Maggo	MPC controller for Obstacle Avoidance for a LMV	Dr. D. N. Sonawane	Scheme A	Within Department
27	111909008	Anirudh Nallawar	Development of virtual learning platform for PIC18 series microcontroller		Scheme C	BGauss R&D Office, Bhosari, Pimpri-Chinchwad, Maharashtra 411026
28	111909012	Chetan Pathrabe	EOG (Electrooculogram) based mouse cursor control	Dr. R. P. Mudhalwadkar	Scheme A	Within Department
29	111909006	Aditya Patil			Scheme A	Within Department
30	111909017	Mahesh Digambar Khawale	Implementation and study of Hierarchical Levels of Automation on Evaporator Plant	Prof. S. D. Agashe	Scheme A	Within Department
31	142009001	Agarwal Yash Ravi	Design & development of IOT Based Power Monitoring & Control System.		Scheme C	CIMER Automation Pvt Ltd., Pune
32	111909019	Pranav Vasanttrao Pawar	Advanced control Implementation for Coupled Tank System	Dr. A. S. Deshpande	Scheme A	Within Department
33	111909014	Devang Chandrakant Pingle	Design and development of self tuning MPPT controller for photovoltaic system		Scheme A	Within Department
34	111909011	Aryaman Agrawal	Model Predictive Control for Quadraple Tank System	Dr. D. N. Sonawane	Scheme A	Within Department
35	111909023	Rachana Parekh			Scheme A	Within Department
36	111909024	Ranjeet Hemant Nalawade	Design of PID Tuning Emulator for Real Time Plant	Prof. R. D. Kokate	Scheme A	Within Department
37	111909030	Shrinivas Sureban			Scheme A	Within Department
38	111909034	Rutuja Ramakant Dharmadhikari	IOT-based real-time traffic signalling and monitoring system	Prof. C. Y. Patil	Scheme A	Within Department
39	111909035	Rutuja Sanjay Mohite			Scheme A	Within Department
40	111909038	Anvay Abhay Parwekar	Design and Development of Wireless ECG Device	Dr. U. M. Chaskar	Scheme A	Within Department
41	111909001	Aaradhya Nachankar			Scheme A	Within Department
42	111909004	Abhishek Bhimrao Dixit			Scheme A	Within Department