



**Department of Instrumentation & Control Engineering**  
**Academic Year: 2022-2023**  
**Project List**

Sr. No	Group ID	Name of the Students	Title of Project	Name of the Guide	Sponsored/N on-sponsored
1	IN1	Shinde Rushikesh Sopan Dhanawate Akanksha Rajesh Kharde Abhishek Ramesh	Automatic Car Parking System Using PLC	Dr.C.B. Kadu	
2	IN2	Mate Ishwari Sanjay Mehetre Shubham Madhukar Hase Vaibhav Shivaji	PLC based Automatic Gate Control System for Commercial Application.	Dr.P.S.Vikh e	
3	IN3	Shinde Kiran Suresh Pawar Shital Balasaheb Wale Akash Bharat	Pick and Place Delta Robot Using CNC controller.	Dr.P.S.Vikh e	
4	IN4	Wable Kartik Sunil Rahul Thorat Dighe Kaustubh Babasaheb	Solar Cutter and Spray Pump Control System using IOT.	Ms.V.S. Takate	
5	IN5	Lahare Trupti Navnath Patole Satyam Subhash Parvat Prajwal Rajabhau	Embedded Automatic Car Washing System	Mr.S.M. Shirsath	
6	IN6	Padekar Atul Suresh Batule Mahesh Vishnu Badakh Lokesh Dnyaneshwar	Automatic object sorting and counting using PLC	Mr.V.K. Jadhav	Sponsored by Envytech Systems Pvt.ltd,Pune
7	IN7	Prashad Divya Dhiraj	Automatic human follower trolley using Raspberry Pi.	Mr.N.N. Lokhande	
8	IN8	Bhor Sumit Govind Pathan Awez Rajukha	Intelligent Home Automation System.	Mr.N.N. Lokhande	
9	IN9	Bhalke Pallavi Subhash Khade Akash Ganpat Snehal Dnyaneshwar Varpe	Automatic bottle counting and capping System using PLC	Ms.M.D. Balsaraf	



10	IN10	Lahamage Nikita Kondaji Kulkarni Aditya Ravindra Gaware Varsha Sanjay	Automatic bottle filling & stamping system System using PLC	Ms.V.P. Bhosale	
11	IN11	Padekar Pratap Maruti Khatkale Nikhil Badrinath Kawar Ankur Kailas	PLC based CSTR level and temperature control system	Ms.A.S. Jondhale	



**Academic Year: 2021-2022**  
**Project List**

Sr. No	Group ID	Name of the Students	Title of Project	Name of the Guide	Sponsored/Non sponsored
1	IN1	Dange Apurva Annasaheb Mhaske Shivani Dilip Narawade Komal Vijay	Flying Saw Machine using Robotics	Dr. C.B. Kadu	Sponsored Project by B & R Automation
2	IN2	Mhaske Abhijeet Madhukar Chaudhari Sujitkumar B Ghute Rohit Balasaheb Chaudhari Arti Chandrakant	Automatic Drilling machine	Dr. P.S. Vikhe	Sponsored Project by B & R Automation
3	IN3	Kumkar Mahesh Vitthal Shirsath Aakash Mahipati Jori Archana Balasaheb	Design of Manufacturing triangular arm	Mr. N.N. Lokhande	Sponsored Project by B & R Automation
4	IN4	Ghule Tejasvi Devram Laware Jyoti Gangaram Shinde Swarupa Ankush	Pick and Place Delta Robotics	Ms. V. P. Bhosale	Sponsored Project by B & R Automation
5	IN5	Gholap Ashish Popatrao Harishchandre Ankush Sanjay Jambukar Shrikrushna Sukhdev	Automatic water level control using PLC	Ms. V.S. Takate	
6	IN6	Mhais Bhushan Ambadas Borse Avinash Ashok Kohakade Vaishali Navnath Balsaraf Tejaswi Nandkumar	Automatic Power Factor Controller	Ms. M.D. Balsaraf	
7	IN7	Shaikh Farhan Shabbir Gunjkar Vaishnav Sanjay Darandale Deepti Dagadu	Automatic Bottle Filling system using PLC	Mr. S.M Shirsath	Sponsored Project by Kimaya Automation Pvt.Ltd, Pune
8	IN8	Yadav Nikita Ghanshyam Bhor Sagar Madhav Dongare Abhay Uttamra Doiphode Vinod Bhausahab	Process Loop Automation	Mr.V.K. Jadhav	Sponsored Project by Kimaya Automation Pvt.Ltd, Pune
9	IN9	Shinde Ronak Vijay Wakchaure Nandan Vikas Shivam Kishor Chemte	Fire Detection and Controlling Robotics	Ms.A.S. Jondhale	
10	IN10	Nirmal Mukund Shaligram	Cascade Control Systems	Dr. P.S. Vikhe	Sponsored Project by Kimaya Automation Pvt.Ltd, Pune



**Academic Year: 2020-2021**  
**Project List**

Sr. No	Group ID	Name of the Students	Title of Project	Name of the Guide	Sponsored /Non sponsored
1	IN1	Langote Rutuja Ramkrushna Jorvekar Komal Tukaram	PLC Based Automatic Coffee Vending Machine	Dr.C.B.Kadu	
2	IN2	Dighe Avinash Annasaheb Thitame Sunil Popat Shirsath Vikas Dattatray	IOT Enabled monitoring and controlling of water distribution network for smart city.	Mr.N.N. Lokhande	
3	IN3	Shirke Vishal Bhagchand Devkar Ravindra Sampat Kandalkar Shubham Sakhahari	PLC Controlled Low Cost Automatic Packing Machine.	Ms.V.P.Bhosal e	
4	IN4	Ugale Saurabh Balasaheb Anap Digvijay Vikas Pawade Trupti Sudhakar	Air Pollution Detection & Control in Vehicle using IOT	Mr.S.M.Shirsa th	
5	IN5	Gund Rajendra Raghunath Rajdev Gaurav Shrikrushna Wakchaure Karan Ashok	PLC based Multi- channel Fire Alarm System	Mr.V.K.Jadha v	
6	IN6	Mane Dhanraj Sudin Gokule Abhijeet Tukaram	Microcontroller based Milk Analyzer	Ms.A.S. Jondhale	
7	IN7	Padwal Pravin Madhav Gore Jayesh Rajendra	Smart Drone Agriculture	Ms.M.D. Balsaraf	
8	IN8	Khedkar Akanksha Pandurang Narawade Dipalee Vijay	Beach Cleaning Robot	Dr.P.S.Vikhe	MILTON innovations India Pvt.Ltd,Na sik
9	IN9	Morge Mayuri Prakash Shaikh Sameer Dagdu Gurav Neha Sharad	Design and Tuning of PID control algorithm for PVTOL system	MS.V.S.Takate	



Academic Year: 2019-2020

Project List

Sr. No	Group ID	Name of the students	Title of Project	Name of the Guide	Sponsored/Non sponsored
1	IN1	Babar Ajay A Raut Yogesh R Hirgal Niranjan S	Smart Ration Dispenser	Dr.C.B.Kadu	
2	IN2	Dhaigude Kiran B Shirsath Paraj S	Real Time Temperature Control of oven using PID control	Dr.P.S.Vikhe	
3	IN3	Shinde Saurabh T Bansode Lawrence B Raut Vishnu M Dokhe Krushna P	PID based Ball and Beam Balancer using Microcontroller	Dr.P.S.Vikhe	
4	IN4	Dhawane Aishwarya B Shinde Ashwini V	Women Safety system using GPS tracking	Ms.V.S.Takate	
5	IN5	Chechare Ganesh B Khupse Omprasad S Jadhav Abhiraj	PLC based Traffic Density control system	Mr.V.K.Jadhav	
6	IN6	Warule Nikhil R Gund Gokul D Shendage Rahul A	PLC based Juice Machine	Mr.N.N.Lokhande	
7	IN7	Game Mahesh V Sonawane Mahesh N Kanade Sandipan S	SMART restaurant Menu Ordering System	Mr.V.K.Jadhav	
8	IN8	Tambe Sagar N Khedkar Abhimanyu V Nehe Rahul R Shaikh Shaharukh C	IOT based Remote Health Monitoring System	Ms.V.P.Bhosale	
9	IN9	Giri Sushant S Khapke Shardul N Akolkar Vaibhav A	PLC based Irrigation System	Mr.N.N.Lokhande	
10	IN10	Nirmal Durga B Ghogare Vaishanvi N Kale Priyanka S	PLC based Automatic DAM shutter control System	Ms. M.D. Balsaraf	
11	IN11	Ghorpade Karishma B Ghorpade Pooja Rajendra	Weight based Object sorting system using PLC	Mrs.A.S.Jondhale	

Prof.(Dr.) C.B. Kadu  
H.O.D