



**Department of Instrumentation & Control Engineering**

**Mini Project**

**Academic Year - 2022-23**

**Class: TE Instrumentation & Control**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Title of the project</b>	<b>Project Guide</b>
1.	Miss. Bhalerao Anushka R. Mr. Gaware Sudam L. Miss. Kharde Sakshi N.	Repurposing Plastic Bottles for 3D Printing	Dr. P. S. Vikhe
2.	Mr. Chindhe Prashant B. Miss. Ilag Ravina R. Miss. Kadu Niranjana V.	Energy Meter	Mr. V. K. Jadhav
3.	Mr. Chindhe Rajendra M. Mr. Jadhav Rohit R. Mr. Katariya Amol J.	Digital Tachometer	Mr. N. N. Lokhande
4.	Mr. Dolas Sumit S. Mr. Hase Saurabh G. Mr. Lavhate Kartik R.	Smart Vacuum Cleaner	Mrs. V. S. Takate
5.	Mr. Gholap Karan D. Miss. Gore Priyanka B. Mr. Ghorpade Abhishek S.	Real Time Speed Control of Fan	Dr. P. S. Vikhe
6.	Miss. Jadhav Shital B. Miss. Madhe Pratiksha L. Miss. Borde Pratiksha B.	Induction Heating	Mr. S. M. Shirsath
7.	Mr. Magar Yogesh B. Mr. Mandlik Abhishek S. Mr. Sonawane Krishna G.	Human Movement Detect and Record Using PIR Sensor	Mr. V. K. Jadhav
8.	Mr. Malgunde Vishal V. Mr. More Rushikesh S. Miss. Shinde Poonam S.	Voice Recognition-Based Home Automation	Mrs. V. P. Bhosale
9.	Mr. Mhase Akash P. Mr. Pund Rushikesh L. Mr. Wabale Akash U.	Room Light Control Using Motion Sensor	Mrs. M. D. Balsaraf
10.	Mr. More Rushikesh R. Miss. Mote Prajakta S. Mr. Tanawade Pratik R.	Water Level Monitoring and Motor Control Using GSM	Dr. C. B. Kadu
11.	Mr. Pawar Shubham K. Miss. Raut Bhairavi V. Miss. Telore Dnyaneshwari K.	Automatic Street Light Control	Mrs. A. S. Jondhale
12.	Miss. Tarate Pallavi A. Mr. Wabale Shreyash V. Mr. Wadekar Dhananjay B.	Smart Attendance Using RFID Card	Mr. N. N. Lokhande

Approved by AICTE, New Delhi vide Letter No. F-27-29/91-AICTE/US (PG)/6717 Dt. 20/09/1993

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**Mini Project**  
**Academic Year - 2021-22**

**Class: TE Instrumentation & Control**

Sr.No	Name of the Students	Title of the project	Project Guide
1.	Mr. Kulkarni Aditya Mr. Batule Mahesh Vishnu Mr. Kawar Ankur Kailas	Smart dustbin	Dr.C.B.Kadu
2.	Mr. Shinde Rushikesh Sopan Miss Bhalke Pallavi	Bidirectional Visitor Counter with Automatic Light and Fan Control	Dr.P.S.Vikhe
3.	Mr. Padekar Atul Suresh Mr. Padekar Pratap Maruti Mr. Pathan Aawez Rajukha	Line Following Robot	Mrs.A.S.Jondhale
4.	Ms.Dhanwate Akanksha Rajesh Miss Prasad Divya	Energy efficient conveyer belt	Mr.V.K.Jadhav
5.	Miss. Mate Ishwari Sanjay Mr.Mehetre Shubham Madhukar Mr. Patole Satyam Subhash	IV bag monitoring and alert system	Mr.N.N.Lokhande
6.	Ms. Pawar Shital Balasaheb Mr. ShindeKiran Suresh Mr. HaseVaibhv Shivaji	Scrolling Text on LED using Arduino	Dr.P.S.Vikhe
7.	Miss Lahare Trupti	Home automation using IoT	Mrs.V.S.Takate
8.	Mr. Khatkale Nikhil Ms. Varpe Snehal Dnyaneshwar	Wireless Notice Board using Arduino	Mrs.V.S.Takate
9.	Mr. Wabale Kartik Sunil Mr. Bhor Sumit Govind	Fingerprint Door Lock system using Arduino-Uno	Mrs.V.S.Takate
10.	Mr. Kharde Abhishek Ramesh Mr. Parvat Prajwal Rajaram Mr. Wale Akash Bharat	Auto room Temperature Controller	Mrs.M.D.Balsaraf
11.	Ms. Lahamage Nikita Kondaji Ms. Gaware Varsha Sanjay	Industrial Automation using IoT	Mr.N.N.Lokhande
12.	Mr. Thorat Rahul Deepak Mr. Dighe Kaustubh Babasaheb Mr. Khade Akash Ganpat Mr. Badakh Lokesh	Home Automation using Android Phone	Mr.S.M.Shirsath



**Mini Project**  
**Academic Year - 2020-21**

**Class: TE Instrumentation & Control**

Sr. No.	Name of the students	Title of the project	Project Guide
1.	Mr. Chaudhary Sujitkumar Bachchusingh Mr. Harishchandre Ankush Sanjay Ms. Dange Apurva Annasaheb	Temperature Transmitter	Mr. S. M. Shirsath
2.	Mr. Borse Avinash Ashok Ms. Darandale Deepti Dagadu Ms. Chaudhari Arti Chandrakant	Light Intensity Control	Mr. S. M. Shirsath
3.	Mr. Shaikh Farhan Shabbir Ms. Mhaske Shivani Dilip Miss. Narawade Komal Vijay	Line follower carrier	Mr. S. M. Shirsath
4.	Miss. Shinde Swarupa Ankush Mr. Mhais Bhushan Ambadas Mr. Nirmal Mukund Shaligram	16x2 Interfacing using 89C51	Mr. S. M. Shirsath
5.	Mr. Dongare Abhay Uttamrao Mr. Bhor Sagar Madhav Mr. Kumkar Mahesh Vitthal Ms. Yadav Nikita Ghanshyam	DTMF On/Off Power Control	Mr. S. M. Shirsath
6.	Mr. Doiphode Vinod bhausaheb Miss. Ghule Tejasvi Devram Mr. Pathare Rutik Miss. Pathare Rutuja	Induction Heating	Mr. S. M. Shirsath
7.	Mr. Shinde Ronak Vijay Mr. Wakchaure Nandan Vikas Mr. Shirsath Akash M Mr. Gholap Ashish Popatrao	Stepper Motor Driver Using 8051	Mr. S. M. Shirsath
8.	Mr. Gunjkar Vaishnav Sanjay Mr. Ghute Rohit Balasaheb Mr. Kadu Ishwar Ravindra Mr. Jambekar Shrikrushna Sukhdev	Sanitising Robot	Mr. S. M. Shirsath
9.	Mr. Mhaske Abhijeet Madhukar Miss. Laware Jyoti Gangaram Miss. Jori Archana Balasaheb Mr. Chemte Shivam Kishor	1-Ø Induction Motor Control using TCA 785	Mr. S. M. Shirsath



**Mini Project**  
**Academic Year - 2019-20**

**Class: TE Instrumentation & Control**

Sr. No.	Name of the students	Title of the project	Project Guide
1.	Miss. Langote Rutuja Ramkrushna Miss. Khedkar Akanksha Miss. Jorvekar Komal Tukaram	UJT Triggering Circuit	Mr. S. M. Shirsath
2.	Mr. Padwal Pravin Madhav Mr. Gore Jayesh Rajendra Miss. Morge Mayuri Prakash	High Frequency Heating	Mr. S. M. Shirsath
3.	Mr. Rajdev Gaurav Mr. Gund Rajendra Miss. Gurav Neha Sharad	Digital Voltmeter (ICL-7107)	Mr. S. M. Shirsath
4.	Mr. Gokule Abhijeet Tukaram Mr. Shaikh Sameer D. Miss. Narawde Dipalee Vijay	1-Ø AC Power Control	Mr. S. M. Shirsath
5.	Mr. Devkar Ravindra Sampat Mr. Kandalkar Shubham Mr. Shirke Vishal Bhagchand	Stepper Motor Driver (ULN-2803)	Mrs. A. S. Jondhale
6.	Mr. Dighe Avinash Annasaheb Mr. Ugale Saurabh Balasaheb Mr. Anap Digvijay Vikas	Digital Ohmmeter (ICL-7107)	Mrs. A. S. Jondhale
7.	Mr. Shirsath Vikas Dattatray Mr. Thitme Sunil Popat Mr. Mane Dhanraj S.	SCR Triggering (TCA-785)	Mrs. A. S. Jondhale
8.	Miss. Pawade Trupti Sudhakar Ms. Balsaraf Tejeswi Nandu Mrs.Kohakde Vaishali	Semi Converter	Mrs. A. S. Jondhale