



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

Academic Year 2020-21

List of Mini-Project (1A)

Sr No	Name of Student	Title of the Project	Name of Guide
1	Atharva Deherkar	IR Motion Detector	Prof. Manali Tayade
	Kritika Singh		
	Sumeet Sharma		
	Purva Hambire		
2	Vineet Dabholkar	Radio Frequency Detector	Prof. Leena Patil
	Mihir Dichwalkar		
	Nitish Bhattacharjee		
	Roland D'souza		
3	Sharayu Chavan	Sound operated intruder alarm with flash	Prof. Panil Jain
	Sapna Kanojia		
	Divyashree Ghodekar		
	Prachee Bhowmick		
4	Shweta Rajput	Line Following Robot	Prof. Leena Patil
	Misha Rai		
	Spencer Lobo		
5	Siddhesh Zagade	Wireless AC Voltage detector	Prof. Manali Tayade
	Krish Patil		
	Omkar Ambre		
6	Nitin Gupta	Motion Sensor alarm using PIR	Prof. Manali Tayade
	Ameer khan		
7	Aditya Waichol	Digital Clock using IC 555	Prof. Leena Patil
	Rahul Vijan		
	Abhishek Singh		
8	Chinmoy Ghosh	Automatic Street Light	Prof. Panil Jain
	Rohan Kaila		
	Yash Tare		
	Ganesh Bakshe		
9	Nyuonika Shetty	Binary Calculator	Prof. Leena Patil
	Pragathi Shetty		
	Tanzila Shaikh		
	Adwait Joshi		

10	Divya Jangam	Automatic Sanitizer Dispenser	Prof. Manali Tayade
	Ishika Shah		
	Ritesh Guleria		
	Nayanika Das		
11	Jenitan Nadar	Tesla Coil	Prof. Panil Jain
	Manoj Rewanth Naidu		
	Noel N		
	Akshay Shivaji Phadtare		
12	Nitin Shetty	Music Controlled LED	Prof. Panil Jain
	Ivor Fernandes		
	Rishika Tayade		
13	Ayush Parmar	Light Detecting Sensor using Logic Aircraft Landing Gear	Dr. Vidya Sarode
	Allan Serrao		
	Craig Conceicao		
	Smit Pereira		
14	Amneet Singh Bhatti	Music rhythm LED flashlight circuit	Dr. Vidya Sarode
	Abdullah Gulam Russel		
	Ankit Koli		
	Harsh Jain		
15	Chris Patel	Automatic street light using IC 555	Dr. Vidya Sarode
	Houston D'Souza		
	Zakaria Shaikh		
	Shrutika Bansode		
16	Rahul Panda	PWM LED dimmer using 555	Dr. Vidya Sarode
	Parth Chande		
	Samuel Selvakumar		
	Aryan Patil		
17	Srushti Nerkar	Clap Switch	Dr. Vidya Sarode
	Sahil Kadam		
	Irshan		
	Hasnain		
18	Ronix Bhaskar	Electronic Eye Control System Panic Alarm	Dr. Vidya Sarode
	Joshua Dias		
	Naitik Churi		
	Anurag Yadav		



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List of Mini-Project (1B)

Sr No	Name of Student	Title of the Project	Name of Guide
1	Atharva Deherkar	IR Motion Detector using Auduino	Prof. Manali Tayade
	Kritika Singh		
	Sumeet Sharma		
	Purva Hambire		
2	Vineet Dabholkar	Heart Rate Sensor	Prof. Panil Jain
	Mihir Dichwalkar		
	Nitish Bhattacharjee		
	Roland D'souza		
3	Sharayu Chavan	Home automation using Arduino and Bluetooth module	Prof. Panil Jain
	Sapna Kanojia		
	Divyashree Ghodekar		
	Prachee Bhowmick		
4	Shweta Rajput	Hand Gesture Control using Arduino	Prof. Panil Jain
	Misha Rai		
	Spencer Lobo		
5	Siddhesh Zagade	Obstacle avoiding robot car	Prof. Manali Tayade
	Krish Patil		
	Omkar Ambre		
6	Nitin Gupta	Temprature based fan speed control	Prof. Manali Tayade
	Ameer khan		
	Omkar Ambre		
7	Aditya Waichol	Plant Watering System	Prof. Panil Jain
	Rahul Vijan		
	Abhishek Singh		
8	Chinmoy Ghosh	Flame Detector	Prof. Panil Jain
	Rohan Kaila		
	Yash Tare		
	Ganesh Bakshe		
9	Nyuonika Shetty	Gas leakage detector using arduino	Prof. Panil Jain
	Pragathi Shetty		
	Tanzila Shaikh		
	Adwait Joshi		

10	Divya Jangam	Push button combination lock using arduino	Prof. Manali Tayade
	Ishika Shah		
	Ritesh Guleria		
	Nayanika Das		
11	Jenitan Nadar	Smart Dustbin using Arduino	Prof. Panil Jain
	Manoj Rewanth Naidu		
	Noel N		
	Akshay Shivaji Phadtare		
12	Nitin Shetty	Third eye for blind	PJProf. Panil Jain
	Ivor Fernandes		
	Rishika Tayade		
13	Ayush Parmar	Gas Sensor detection using Arduino	Prof. Panil Jain
	Allan Serrao		
	Craig Conceicao		
	Smit Pereira		
14	Amneet Singh Bhatti	Automatic Irrigation System	Prof. Panil Jain
	Abdullah Gulam Russel		
	Ankit Koli		
	Harsh Jain		
15	Chris Patel	Social Distancing alarm using arduino	Prof. Manali Tayade
	Houston D'Souza		
	Zakaria Shaikh		
	Shrutika Bansode		
16	Rahul Panda	Smart Electronic Voting Machine	Prof. Manali Tayade
	Parth Chande		
	Samuel Selvakumar		
	Aryan Patil		
17	Srushti Nerkar	Social Distancing Indicator and Alarming System	Prof. Nitin Ahire
	Sahil Kadam		
	Irshan		
	Hasnain		
18	Ronix Bhaskar	Solar tracking system using arduino	Prof. Nitin Ahire
	Joshua Dias		
	Naitik Churi		
	Anurag Yadav		