

**Fr.C.Rodrigues Institute of Technology**  
**Department of Electrical Engineering**  
**Mini Project-1A**

Sem-3

SH-20

Group Num.	Roll Number	Name of the student	Title
1	4019101	Anand Unnikrishnan	Solar MPPT charger
	4019102	Anto Sen	
	4019103	Astitva Anant	
	4019109	Uzair Ahmed	
2	4019120	Sushant Kuchekar	Light control using proximity sensor
	4019117	Saish Kamble	
	4019113	Ayush Jadhav	
	4019118	Suraj Kamble	
3	4019139	Viraj Phapale	Break failure indicator using 555 timer
	4019127	Shruti Mayekar	
	4019126	Maurya Ritesh	
4	4019107	Sanskruiti Deshmukh	Voice Automation
	4019115	Johny George	
	4019122	Sonali Lahane	
	4019123	Tanushree Londhe	
5	4019128	Rishabh Mhatre	Home Automation
	4019129	Sruthi Nair	
	4019142	Vrukshal Rajput	
	4019145	Shivani Sharma	
6	4019131	Panchal Pawan	Solar powered car
	4019138	Pednekar Tanmay Babu	
	4019148	Survase Harsh Dhanraj	
	4019149	Tajane Vedant Sudhir	
7	4019147	Vidhansh Singh	Smart street Light
	4019146	Ashwin Shirgaonkar	
	4019143	Gaurav Rangari	
	4019134	Komal Patil	
8	4019130	Vedant Pachpund	Vortex Turbine
	4019133	Atharva Pasalkar	
	4019140	Piyush Kumar	
	4019141	Kedar Pradhan	
9	4019150	Tanpathak Soham Kishor	Smart Agricultural Solutions
	4019152	Vartak Chinmay Atul	
	4019153	Wani Hrithik	
	4019154	Yadav Nivedita	

10	4019105	Saish Chalke	<b>Wireless Power Transmission</b>
	4019110	Shreedhar Enlolu	
	4019112	Harshal Ingale	
	4019121	Archit Kulkarni	
11	4019104	Smit Berde	<b>Automatic home sanitizer dispenser</b>
	4019106	Akash Chaudhari	
	4019124	Nagesh Maharao	
	4019125	Anush Malik	
12	401839	Nadar Annie	<b>Solar Powered Mobile Charger</b>
	401801	Aayush Kumar	
	401863	Wilson Arnold	
13	4019116	Sanket Kadam	<b>Street light with LDR</b>
	4019114	Retak Jha	
	4019111	Ritik Gupta	
	4019119	Vivek Kannaujiya	
14	4019132	Tejas Shelar	<b>Night Vision Camera</b>
	4019135	Piyush Patil	
	4019136	Shrutij Patil	
	4019137	Chinmay Pawar	
15	4019151	Tonapi Pranav G.	<b>Piezoelectric Sound Energy Harvester</b>
	401856	Singh Abhijeet	
	401841	Nair Abhishek	
	401731	Nishant Mishra	

**Fr.C.Rodrigues Institute of Technology**  
**Department of Electrical Engineering**  
**Mini Project 1B**

Sem - 4

FH-21

Group No.	Roll Number	Name of the student	Title
1	4019101	Anand Unnikrishnan	<b>Solar MPPT Mechanical Tracker</b>
	4019102	Anto Sen	
	4019103	Astitva Anant	
	4019109	Uzair Ahmed	
2	4019105	Saish Chalke	<b>IOT based home automation system</b>
	4019110	Shreedhar Enlolu	
	4019112	Harshal Ingale	
	4019121	Archit Kulkarni	
3	4019107	Sanskruiti Deshmukh	<b>Rasberry pi based mobile phone</b>
	4019115	Johny George	
	4019122	Sonali Lahane	
	4019123	Tanushree Londhe	
4	4019104	Smit Berde	<b>Temperature controlled fan</b>
	4019106	Akash Chaudhari	
	4019124	Nagesh Maharao	
	4019125	Anush Malik	
5	4019111	Ritik Gupta	<b>Burglar Alarm</b>
	4019114	Retak Jha	
	4019116	Sanket Kadam	
	4019119	Vivek Kannaujiya	
6	4019113	Ayush Jadhav	<b>Lifi for vehicle to vehicle communication</b>
	4019117	Saish Kamble	
	4019118	Suraj Kamble	
	4019120	Sushant Kuchekar	
7	4019128	Rishabh Mhatre	<b>Garbage segregation system</b>
	4019129	Sruthi Nair	
	4019142	Vrukshal Rajput	
	4019145	Shivani Sharma	
8	4019134	Komal Patil	<b>IOT based smart lighting system</b>
	4019143	Gaurav Rangari	
	4019146	Ashwin Shirgaonkar	
	4019147	Vidhansh Singh	
9	4019130	Vedant Pachpund	<b>Power factor improvement control system using microcontroller</b>
	4019133	Atharva Pasalkar	
	4019140	Piyush Kumar	
	4019141	Kedar Pradhan	
10	4019132	Tejas Shelar	<b>Density based traffic system using microcontroller</b>
	4019135	Piyush Patil	
	4019136	Shrutij Patil	
	4019137	Chinmay Pawar	

11	4019126	Maurya Ritesh	<b>Battery discharge measurement system</b>
	4019127	Shruti Mayekar	
	4019139	Viraj Phapale	
12	4019131	Panchal Pawan	<b>Function generator using ADD9833 module and Arduino</b>
	4019138	Pednekar Tanmay Babu	
	4019148	Survase Harsh Dhanraj	
	4019149	Tajane Vedant Sudhir	
13	4019150	Tanpathak Soham Kishor	<b>Smart Agricultural solutions</b>
	4019152	Vartak Chinmay Atul	
	4019153	Wani Hrithik	
	4019154	Yadav Nivedita	
14	401839	Nadar Annie	<b>Heart rate monitor using LM358</b>
	401801	Aayush Kumar	
	401863	Wilson Arnold	
	4019155	Ansari Gautam	
15	4019151	Tonapi Pranav G.	<b>Automatic head light dimmer</b>
	401856	Singh Abhijeet	
	401841	Nair Abhishek	
	401731	Nishant Mishra	
16	4019156	Mujahid Umair	<b>Solar power inverter</b>
	4019157	Zagade Bapu Sahil	
	4019158	Aradhana Kaushal	
	4019159	Vaishnavi Suryawanshi	
17	4019160	Vyas Divya P	<b>Vertical axis wind turbine</b>
	4019164	Ghadge Sakshi	
	4019166	Wadkar Gauri	
	4019168	Tejas kupal	
18	4019161	Mishra Harshal Rakesh	<b>Solar based oxygen tree</b>
	4019162	Surve Anushka Anil	
	4019167	Kareliya Dharaa	
	4019170	Pandey Abhishek Vijay	
19	4019163	Chavan Pooja Ramdas	<b>Smart garbage monitoring system</b>
	4019165	Kartikraj Easwaran	
	4019169	Mahajan Hitesh	
	4019171	Jaitpal Prathamesh	