

**Army Institute Of Technology, Pune**  
**Department of Electronics & Telecommunication Engineering**  
**TE E&TC-A & B Mini Project (AY 2022-2023) SEM-II**

Gr No.	Roll No	Name	Title
1	1332	PRAKASH PRASAD	Flamable Gas Detection
	1333	PRAKASH KUMAR DUBEY	
	1336	RAKESH KUMAR DUDHAWAL	
2	1305	AMAN SWARNAKAR	8051 based auto braking system using ultrasonic sensor
	1307	ANIKET SINGH	
	1314	BEAUTY KUMARI	
3	1301	ABHIJEET BAHUGUNA	Wind speed meter using ultrasonic sensor
	1304	AMAN KUMAR	
	1311	ASHWANI RAUTELA	
4	1302	ABHINAV KUMAR	Automatic street light controlling system
	1306	AMITA SINGH	
	1315	DATTI NAVEEN	
5	1321	KAPIL KHARITA	Detection and alarm system using smoke sensor and microcontroller
	1325	NAVEEN KUMAR	
	1331	PANKAJ KUMAR YADAV	
6	1337	RITIK KUMAR	Alcohol detection system using MQ-3 and PIC Microcontroller
	1338	RONAK SHARMA	
	1340	SACHIN KUMAR	
7	1339	SACHIN	Password based door lock system
	1342	SANMENDER	
8	1352	VIKAS PUNIYA	Smart remote irrigation system using 8051 microcontroller
	1353	VIKRANT KUMAR	
	1354	VINAY SINGH	
9	1308	ANIRBAN NANDY	Automatic water irrigation system using PIC microcontroller
	1310	ASHISH KUMAR MISHRA	
	1311	ASHWANI RAUTELA	
10	1316	DEEPAK KUMAR	Ultrasonic range finder
	1318	HARSHVARDHAN	
	1326	NEHA CHOUDHARY	
11	1347	SHIVRAJ SINGH	Drawback of EVM and its solution using blockchain
	1350	SUVAJIT GHOSH	
	1359	VIVEK KUMAR SINGH	
12	1344	SHAHIL	RFID access system using PIC Microcontroller
	1357	VIVEK KUMAR	
	1358	VIVEK RAJ	
13	1335	PRINCE KUMAR	GSM Home Security system
	1343	SAURAV	
	1345	SHANTANU KUMAR KAR	
14	1323	LAKSHYADEEP PATEL	Auto billing mall shopping cart using 8051 microcontroller
	1329	PANKAJ DOODHWAL	
	1330	PANKAJ KUMAR	
15	1322	Komal Mishra	

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	1327	NIKHITA PAL	Density based traffic light controller using 8051 microcontroller
	1328	NITISH RATHI	
16	1317	DEEPANSHU YADAV	8051 based line tracer
	1319	HEMANK SINGH	
	1320	KAMAKSHI DIXIT	
17	1349	SRIDAYAL YADAV	LPG Gas Detection
	1351	SWAPNENDU CHAKRABARTI	
	1360	YUGANDHAR PATIL	
18	1348	SOURAV RATURI	Rai detector using 8051 microcontroller
	1355	VINITA	
	1356	VISHAL SINGH	
19	1334	PRATEEK SIKARWAR	Autogate using raspbery-pi
	1341	SALONI KUMARI	
	1346	SHAURYA SINGH	
20	1303	ABHISHEK CHOUDHARY	Automatic car parking indicator using microcontroller
	1309	ARAJEET PANDEY	
	1313	AZAD RATHORE	

Dr Avinash Patil  
Faculty I/C

Dr. G R Patil  
HOD, E&TC

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Sl No.	Roll No.	Name	Project Title
1	5338	SAMIK CHOUDHURY	Smart Parking System using 8051
	5339	SANDEEP KUMAR MISHRA	
	5342	SAURABH RAWAT	
	5346	SHIVAM GUPTA	
2	5333	RAHUL MANHAS	Intrusion Detection System using 8051
	5336	ROHIT YADAV	
	5337	ROUSHAN KUMAR	
3	5331	PRABHASH KUMAR	Security Access system using PIC16
	5335	RITESH KUMAR	
	5340	SANIKA NITIN PATNE	
4	5334	RAJAN YADAV	SonicSight: Assistive Ultrasonic Radar
	5344	SEEPANA VIJAY VARDHAN	
	5345	SHEKHAR SINGH	
5	5332	PRIYANKA VIJAY NIKAM	Enhanced Industrial Surveillance: Email alerts on Motion Detection
	5343	SAURABH SINGH BISHT	
6	5347	SHIVAM MALIK	GSM based home security using PIR Sensor
	5349	SUMIT KUMAR	
	5353	UPPALA DEVARAJ	
7	5351	SUNIL KUMAR	Wind Speed Calculator
	5352	TEJASWINI SHRIDHAR DESHPANDE	
	5354	VAIBHAV YADAV	
8	5355	VIBHAV TRIPATHI	Electronic Voting Machine
	5357	VIKRAM PRATAP SINGH	
	5361	YOGENDRA SINGH	
9	5348	SUDHANSHU TOMAR	Heartbeat Rate Monitoring System
	5350	SUMIT MOHAN PAWAR	
10	5356	VIKAS TRIPATHI	Smart Billing System Using 8051
	5358	VINAY UPPADA	
	5359	VISHNU SINGH	
11	5323	HIMANSHU SINGH	Over Speed Checker on Highway
	5322	HAREESH SHARMA	
	5328	NITIN SHEKHAWAT	
12	5325	JYOTIRADITYA MISHRA	Password-based door lock system using 8051 microcontroller
	5316	DEVENDER SINGH	
	5326	KHILADI SINGH	
13	5324	JATIN KUMAR BHATT	Automatic Plant Irrigation System using PIC16
	5317	DHIRAJ KUMAR SINGH	
	5327	MAYANK KUMAR MISHRA	
14	5329	PAIDI AJAY	Smart Plant Monitoring System using ESP8266
	5330	PITTA SAI KIRAN	
	5321	GIRIDHAR SUJAI	
15	5305	ABHISHEK SHUKLA	Plantation Bot
	5311	ANKIT KUMAR	
	5315	DEEPAK KUMAR	
16	5314	AYUSH SINGH	Home security using 8051 and IR and MQ5 sensor
	5313	ATUL YADAV	
	5312	ARCHIT	
17	5310	AMRUTA ASHOK PATIL	Robotic Arm Pic18F4520 Microcontroller
	5302	AAYUSH SINGH RATHORE	
	5304	ABHINAW GUPTA	

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18	5306	ABHISHEK KUMAR	Traffic light controller Pic16F877A Microcontroller
	5307	AKHIL DESHWAL	
	5301	AAYUSH RANJAN	
19	5309	AMIT KUMAR YADAV	Temperature Sensor using 8051 Microcontroller
	5308	AMANDEEP KUMAR	
	5303	ABHAY MISHRA	
20	5318	DIKSHA DESWAL	
	5319	DIVYANGANA SINGH	
	5320	GAJENDER SINGH	

Ms. Shilpa Pawar  
Faculty I/C

Dr. G R Patil  
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