



Nandha Engineering College, Erode -52
(Autonomous)

13th Innovation Day - 2024

Department of Electronics and Communication Engineering

UNIQUE PROJECT

S No.	Project Title	Student Name	Roll No.	Year	Project Guide	Mapping of SDG
1	Spirit Level Meter using Arduino	Indhumathi.S	22EC032	III	Ms V.Parameshwari	8
		Mayooria.G	22EC055			
		Harinisree.K	22EC027			
		Dharani.T	22EC007			

LIST OF PROJECTS

S No.	Project Title	Student Name	Roll No.	Year	Project Guide	Mapping of SDG
1	Variable Power supply	Hariharan M	22EC024	II	Ms V.Parameshwari	9
		Bharanidharan	22ECL03	II		
		Madhu sri.K	22EC048	II		
		Abinandhan V	22ECL01	II		
2	Remote control Infrared tester circuit	Dhivagaran N	21ECL03	III	T.JAYACHANDRAN, AP/ECE	9
		Janarthanan S R	21ECL06	III		
		Jeevanantham S	21ECL09	III		
		Kavi Barath M	21ECL11	III		

3	Bass booster using IC741	Dharanidharan. R. K	21EC014	III	T.JAYACHANDRAN, AP/ECE	9
		Indhira Kumaaran. S	21EC031	III		
		Jaswanth. T	21EC033	III		
		Moopanar Shreeram Bharathidasa	21EC050	III		
4	Automatic water tank filling system	Gokulakrishnan. C	21EC021	III	T.JAYACHANDRAN, AP/ECE	9
		Gopinath. S	21EC023	III		
		Guhan. A	21EC025	III		
		Koushik. K	21EC045	III		
5	Noise reduction using opamp	Abitha. S	21EC003	III	T.JAYACHANDRAN, AP/ECE	9
		Harivignesh. K. S. M	21EC028	III		
		Jayashri. M	21EC036	III		
		Kabish Kannan. D	21EC039	III		
6	Signal Jammer	Dhinesh. A	21EC015	III	T.JAYACHANDRAN, AP/ECE	9
		Gayalvanan. V	21EC018	III		
		Gokul. R	21EC019	III		
		Manikandan. M	21EC046	III		
7	Temperature controlled DC fan	Faizudeen. T	21EC017	III	Mr.Praveen Santhosh Kumar G	9
		Gokulprasath. S. R	21EC022	III		
8	RFID based Highway Toll Tax collection system	Kanishkar N	22EC036	II	V.PARAMESHWARI, AP/ECE	11
		Chellamani A	22EC010	II		
		Guru gowshik R	22EC021	II		
		Karthikeyan T	22EC040	II		
9	Digital Temperature Sensor	Manoj.R	22EC052	II	V.PARAMESHWARI, AP/ECE	9
		Kelvin.N	22EC044	II		
		Lazar.G	22EC047	II		
		Dhashnamoorthi.P	22EC014	II		
10	Bluetooth controlled home automation	Abinaya M	22EC002	II	V.PARAMESHWARI, AP/ECE	15
		Donasri S	22EC018	II		
		Indhuja S	22EC031	II		
		Kanika K	22EC035	II		
11	GPS tracking system for commercial	Devadharshini K	22EC012	II	V.PARAMESHWARI, AP/ECE	11
		Ezhillarashi N V	22EC019	II		
		Kishore P	22EC045	II		
		Mathan S	22EC053	II		

12	HOME SECURITY USING PIC MICROCONTROLLER	Abishek. A	21EC001	III	D.ANAND KUMAR, AP / ECE	9
		Afsar Faruk. J	21EC004	III		
		Aravind. M	21EC005	III		
		Haribalaji. S	21EC026	III		
13	PROJECT SCREN USING RF MODULE	Dinesh Kumar. V. S	21EC016	III	D.ANAND KUMAR, AP / ECE	11
		Gokul. S	21EC020	III		
14	ELECTRIC LOAD CONTROLLER USING RF REMOTE (ARDUNIO)	Dhinesh. A	21EC015	III	D.ANAND KUMAR, AP / ECE	9
		Gayalvanan. V	21EC018	III		
		Gokul. R	21EC019	III		
		Manikandan. M	21EC046	III		
15	AUTOMATIC STREET LIGHT USING ARDUNIO	Dhivagaran N	21ECL03	III	D.ANAND KUMAR, AP / ECE	11
		Gokulraj S	21ECL04	III		
		Janarthanan S R	21ECL06	III		
		Jeevanantham S	21ECL09	III		
16	Smart Water Level Monitor Using ESP32 & Ultrasonic Sensor	VISWADHARINI N	22EC108	II	G.PRABHAKARAN / AP/ ECE	11
		VITHYA SREE K	22EC109	II		
		SANJAYKUMAR S	22EC089	II		
		NATHISH M	22EC060	II		
17	Comercial Vehicle Speed Monitoring	PAVISHKUMAR A K	22EC065	II	G.PRABHAKARAN / AP/ ECE	11
		PRAKASH S	22EC068	II		
		VIGNESHKUMAR P	22EC106	II		
		VISHNU V	22EC116	II		
18	EV Battery Monitoring System Using GSM	PRAVEENA A	22EC073	II	G.PRABHAKARAN / AP/ ECE	11
		YUVASRI G	22EC112	II		
		ANBU T K	22EC113	II		
		SUDHAKAR G	22EC115	II		
19	Product Highlighter Using RF Remote	PROMOTH N	22EC077	II	G.PRABHAKARAN / AP/ ECE	11
		RAAJESH KUMAAR N V	22EC079	II		
		PAVITHRA T	22EC066	II		
		PUNITHAVATHI B	22EC078	II		

20	DC Voltmeter Using Arduino	RISHIKESH D	22EC084	II	G.PRABHAKARAN / AP/ ECE	11
		PRANESH K B	22EC070	II		
		SANJAY P	22EC088	II		
		PRANAV P R	22EC069	II		
21	Bluetooth Controlled Car with Arduino	RAGHAVI K B	22EC080	II	G.PRABHAKARAN / AP/ ECE	11
		SRI SIVA SANGARI S	22EC096	II		
		VIGNESH J	22EC105	II		
		PRITHIKA K S	22EC075	II		
22	Solar Tracking System for PV Pannel based on Arduino	SURIYA K	22EC099	II	G.PRABHAKARAN / AP/ ECE	15
		SURENDRAN M	22EC098	II		
		NISHANTH P S	22ECL12	II		
		MOHAMED ABUTHAHIR M	22ECL10	II		
23	Temperature Based fan Speed control using Arduino	NAVIN KUMAR S	22EC064	II	G.PRABHAKARAN / AP/ ECE	9
		SHEIK SHAHIR N	22EC093	II		
		SARATHI R	22EC092	II		
		PRADEEP V	22EC067	II		
24	IoT Based Home Automation Using Arduino	SULTANA BEGAM M	22EC097	II	G.PRABHAKARAN / AP/ ECE	11
		VARSHA S S	22EC103	II		
		RAJA SURYA E	22EC083	II		
		SAHAANA D	22EC086	II		
25	Thermal Sensor in EV Batteries	YUVANSANKARRAJA C	22EC111	II	G.PRABHAKARAN / AP/ ECE	11
		SRI GOKULAPRIYAN D	22EC095	II		
		VISHNU L	22EC107	II		
		YOGESH G M	22ECL15	II		
26	Smart Toilet	GOWTHAM KUMAR S A	23EC026	I	K SHARMILEE, ASP/ECE	11
		GOWTHAMRAJ M	23EC027	I		
27	Smart Lamp Holder	HARIHARAN A V	23EC032	I	VS SATHISHKUMAR, AP/ECE	11
		HARINI N	23EC033	I		
28	e Notice Board using Bluetooth	INIYA SRIDHAR D	23EC036	I	K SATHEESH, AP/ECE	11
		JANANI S	23EC037	I		
29	Home Automation Using RF Remote	JAYAVARMAN S	23EC040	I	M.SRINEVASAN, AP/ECE	9
		KALAIVANAN T	23EC041	I		

30	Portable PA System	KOGILA N	23EC049	I	M.SRINEVASAN, AP/ECE	11
		LOGESH K	23EC050	I		
31	Door Lock System using Face Recognition	NITISHKUMAR. C	21EC055	III	Mr.E.K.ARULKARTHICK / AP/ECE	11
		PRADEEP. C	21EC057	III		
		RANJITH. M	21EC064	III		
		VISHNUPRIYA. Y	21EC103	III		
		VIKRAM P	21ECL26	III		
32	VOICE WELCOME GREETING SYSTEM USING PIC MICROCONTROLLER	Dharanidharan. R. K	21EC014	III	D.ANAND KUMAR, AP / ECE	9
		Indhira Kumaaran. S	21EC031	III		
		Jaswanth. T	21EC033	III		
		Moopanan Shreeram Bharathidasa	21EC050	III		
33	Arduino using Password Unlock system	Dhilip kumar. P	22EC015	II	V.PARAMESHWARI, AP/ECE	9
		Deepak kumar. S	22EC011	II		
		Chandru. S	22EC009	II		
		Harish Ragavendra. B	22EC029	II		
34	Robotic ARM using ESP32 Microcontroller	Hariesh A	22EC023	II	V.PARAMESHWARI, AP/ECE	9
		Harikrishnan N	22EC026	II		
		HariHaran T	22EC025	II		
		Divyadharsan S	22EC017	II		
35	T-Shirt folding Machine using Arduino	Aravindhana A P	22EC004	II	V.PARAMESHWARI, AP/ECE	11
		Hariprasad N	22EC028	II		
		Kumar T	22EC046	II		
		Janish.R	22EC033	II		
36	Automated Motor controller system for water level monitoring using RF module	Mokhanes A	22EC058	II	V.PARAMESHWARI, AP/ECE	11
		Mathiyarasu M	22EC054	II		
		Aravinth kumar C	22EC005	II		
		Kavin prabhu R	22EC042	II		
		Mithreshwaran S.M	22EC056	II		
37	GPS tracking system for commercial vehicle	Devadharshini K	22EC012	II	V.PARAMESHWARI, AP/ECE	11
		Ezhillarashi N V	22EC019	II		
		Kishore P	22EC045	II		
		Mathan S	22EC053	II		

38	Digital CRO using Smartphone	Naveen Kumar. G	21EC054	III	Mr.E.K.ARULKARTHICK / AP/ECE	9
		Sahana Fariz. S	21EC069	III		
		Senthil Kumar. T	21EC074	III		
		Sharmila. S	21EC078	III		
		SaravanaKumar P	21ECL17	III		