



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Table 2.2.3.B-1(b): List of the projects for the Academic Year 2023-24

S. No	Batch	Regd No	Name of the Student	Project Title	Domain	Outcomes
1	A-1	20KE1A0448	M Sharmila Naga Prasanna	Achieving reduced area by Multi-bit flipflop design	VLSI	PO1 to PO12 & PSO2
2		20KE1A0438	Kotta. Aswini			
3		20KE1A0411	Bolla. Alekhya			
4		20KE1A0442	K Bhagyalakshmi			
5		20KE1A0433	K Sowmya Sri Reddy			
6	A-2	20KE1A0437	Kothapuli. Anusha	Design and Implementation of Arithmetic Logic Unit (ALU) using QCA	VLSI	PO1 to PO12 & PSO2
7		20KE1A0432	K. Akhila Jyostna			
8		20KE1A0423	G. Anusha			
9		20KE1A0428	J Chandra Sai Yakshitha			
10		20KE1A0415	Cheviti Pravallika			
11	A-3	20KE1A0455	Kurra Jyothi Priya	VLSI Implementation of a Single Precision floating point multiplier	VLSI	PO1 to PO12 & PSO2
12		20KE1A0426	G Adhi Venkata Chaitanya			
13		20KE1A0403	Alla Sirisha			
14		20KE1A0425	Gottipati Gayathri			
15		20KE1A0401	Akula. Venkatalakshmi			
16	A-4	20KE1A0424	G.Prasanna	Analysis of X-Ray Images with Image Processing Techniques	Image Processing with AI	PO1 to PO12 & PSO1
17		20KE1A0451	M.prasanna			
18		20KE1A0427	G Lakshmi tejaswi			
19		20KE1A0452	Manne Vatsalya			
20		20KE1A0417	Chinapothula Bhavani			
21	A-5	20KE1A0453	Revathi Marripudi	Skin Cancer Detection using Digital Image Processing	Image Processing with AI	PO1 to PO12 & PSO1
22		20KE1A0416	Chilla Maheswari			
23		20KE1A0457	M Pavani			
24		20KE1A0421	Eluri Srilakshmi			
25	A-6	20KE1A0454	Marupuru Praveena	Insure Harvest 360 : Enhancing Agriculture with IoT, Blockchain & ML for comprehensive crop insurance & Real time field monitoring in sustainable farm management.	IoT	PO1 to PO12 & PSO1
26		20KE1A0406	Arumalla Dhanushya			
27		20KE1A0409	B Nikhita Sai Lakshmi			
28		20KE1A0429	J Abhinaya			
29	A-7	20KE1A0404	A.L.Siva Prasanna	Blockchain integrated IoT for Smart Agricultural Management – Enhanced crop monitoring , Disease management, sustainable crop selling & stubble utilization with Insurance schemes.	IoT	PO1 to PO12 & PSO1
30		20KE1A0456	Mettu Pujitha			
31		20KE1A0441	K Naga Teja Sree			
32		20KE1A0436	Konakanchi Sravani			



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

S. No	Batch	Regd No	Name of the Student	Project Title	Domain	Outcomes
33	A-8	20KE1A0435	Kilari Anjali	Secure Poultry insight with integration of Blockchain & IoT	IoT	PO1 to PO12 & PSO1
34		20KE1A0445	Kurra Nagalakshmi			
35		20KE1A0461	Neppalli.Devi Bhargavi			
36		20KE1A0443	Kurra Dhanalakshmi			
37	A-9	20KE1A0402	Alapati Lakshmi Jahnavi	Automated Yoga Session monitoring system with computer vision technology	Image Processing with AI	PO1 to PO12 & PSO1
38		20KE1A0450	M.Chandana			
39		20KE1A0405	Amirineni Bindu Madhavi			
40		20KE1A0459	N.Asmini			
41	A-10	20KE1A0460	Nelavalli Silpa	Retinal Image Analysis to detect & diagnose eye disease	Image Processing with AI	PO1 to PO12 & PSO1
42		20KE1A0434	kayakokula sravani			
43		20KE1A0412	Bondala Rakshitha			
44		20KE1A0410	B Purandhareswari			
45	A-11	20KE1A0447	Maguluri Anuradha	Enhanced Hand Gesture Recognition in Smart environments	Image Processing with AI	PO1 to PO12 & PSO1
46		20KE1A0413	Burra Madhuri			
47		20KE1A0414	Burri. Prasanna			
48		20KE1A0440	Kunchala Jyothsna			
49	A-12	20KE1A0444	M. Naga Lakshmi	Design & Implementation of hybrid carry select adder	VLSI	PO1 to PO12 & PSO2
50		20KE1A0458	Munna Sravanthi			
51		20KE1A0430	Naga Varshini Kalavala			
52		20KE1A0418	Deevi.Rajyalakshmi			
53	A-13	20KE1A0422	G.Navyanagamani	Bluetooth control of Bi-paddle Robot	ROBOTICS	PO1 to PO12 & PSO1
54		20KE1A0420	D.subhashini			
55		20KE1A0439	Kummari yamuna			
56		20KE1A0408	Bhavisetty Suneetha			
57	A-14	20KE1A0449	Mandalapu Srilatha	EMG- Controlled Servo Motor System : Integrating Signal processing with real time Feedback	IoT	PO1 to PO12 & PSO1
58		20KE1A0407	Bhavanam vyshnavi			
59		20KE1A0446	Laga nandini			
60		20KE1A0431	K Dhanalakshmi			

ECE B

S.No	Batch	Regd No	Name of the Student	Project Title	Domain	Outcomes
1	B-1	20KE1A0464	Paladugu Dharani	Implementation of Wallace Tree multiplier using Modified Full Adder	VLSI	PO1 to PO12 & PSO2
2		20KE1A0490	S.Trineta			
3		21KE5A0412	N Taruni Ratnam			
4		20KE1A0497	V Chaitanya			
5		20KE1A0480	Ravulapalli Akhila			



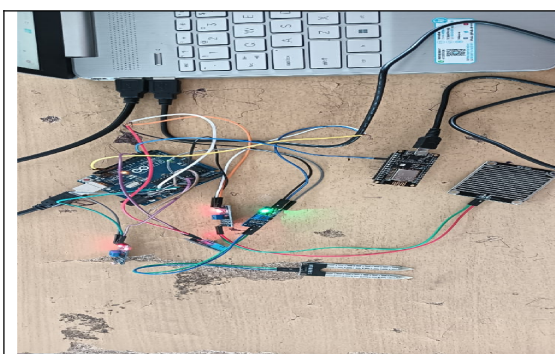
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

S.No	Batch	Regd No	Name of the Student	Project Title	Domain	Outcomes
6	B-2	21KE5A0403	Gulakaram sindhu	Design of Vending Machine using Verilog HDL	VLSI	PO1 to PO12 & PSO2
7		20KE1A0481	Rayankula Nandini			
8		20KE1A0471	Pavuluri Likitha			
9		20KE1A0483	SK Afrin			
10		20KE1A0479	R Vijaya Lakshmi			
11	B-3	20KE1A0485	V.Ramya Sri	The Design of High Speed UART	VLSI	PO1 to PO12 & PSO2
12		20KE1A0465	Paladugu Harshitha			
13		20KE1A0494	V Mounika Reddy			
14		20KE1A0476	Vyshnavi			
15		20KE1A0491	Telaprolu Chandana			
16	B-4	20KE1A0493	Thota.sirisha	Plant Disease Detection using Convolution Neural Network	Image Processing with AI	PO1 to PO12 & PSO1
17		20KE1A0482	S Jeevana jyothi			
18		20KE1A0462	Oguri Ramya			
19		20KE1A0470	P.Tejaswini			
20	B-5	21KE5A0402	K Sowmya Bhavani	Robotic Arm for Object Picker	ROBOTICS	PO1 to PO12 & PSO1
21		21KE5A0409	Madala. Naga Jyothi			
22		20KE1A0495	Valiveti.Madhupriya			
23		21KE5A0405	Kasturi Bhargavi			
24	B-6	20KE1A0469	Ramya Sahithi P	Real time EEG-based Brain Activity Visualization and feedback system using LED bar control	IoT	PO1 to PO12 & PSO1
25		20KE1A0498	Sk Mujasim sultana			
26		20KE1A0486	Sk Mujibunnisa			
27	B-7	20KE1A0488	S.Sireesha Reddy	Pothole detection on roads using Image Processing	Image Processing with AI	PO1 to PO12 & PSO1
28		20KE1A0467	Pamulapati Poojitha			
29		20KE5A0413	P. Naga Lakshmi			
30		20KE1A0489	Hemalatha			
31	B-8	21KE5A0406	I Jyothsnapriya	Gesture based Powerpoint NavigationSystem	Image Processing with AI	PO1 to PO12 & PSO1
32		20KE1A0474	P Naga amrutha sushma			
33		20KE1A0463	Padi Sirisha			
34		20KE1A04A3	Y Venkata Janaki Lakshmi			
35	B-9	21KE5A0408	K. Tejaswi	Integrated Surveillance & Image capture system for Aqua Culture environments with user Image transmission	IoT	PO1 to PO12 & PSO1
36		20KE1A0487	Siddi Usha Rani			
37		20KE1A0475	P V Supriya chowdary			
38		21KE5A0404	Tungala Harika			
39	B-10	20KE1A0496	V Venkata Siva Leela	EOG-Based Drowsiness Detection & Intervention Sytem	IoT	PO1 to PO12 & PSO1
40		21KE5A0401	Gudipalli Mounika			
41		20KE1A0466	Paladugu Priyanka			
42		20KE1A0472	P Aswini			

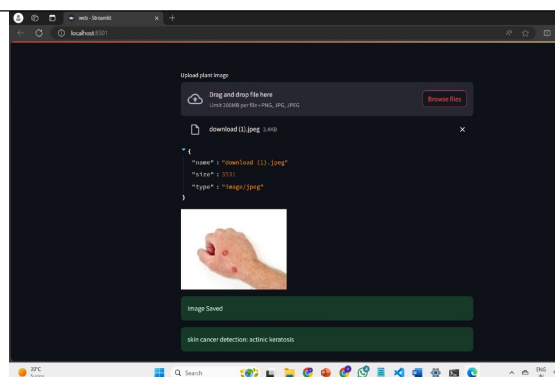


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

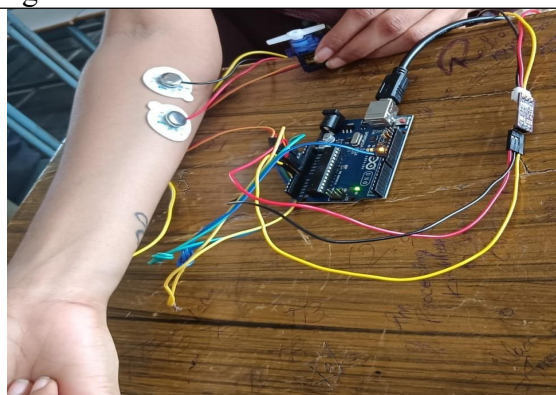
S.No	Batch	Regd No	Name of the Student	Project Title	Domain	Outcomes
43	B-11	21KE5A0410	Makkena Saranya	Green Harbor : Navigating towards Sustainable Waste Management for Energy abundance using Blockchain & IoT	IoT	PO1 to PO12 & PSO1
44		20KE1A0477	M Supriya			
45		20KE1A04A0	V Lakshmi pavani			
46		20KE5A0411	P.Gayathri Sindhu			
47	B-12	20KE1A0499	Shaik Lubna	Development of 17-DOF Bipedal Robot using Arduino	ROBOTICS	PO1 to PO12 & PSO1
48		20KE1A04A1	Lavanya yadagiri			
49		21KE5A0407	Kadulla Neethesha			
50		20KE1A04A2	Anuja yamala			
51	B-13	20KE1A0468	P T Venkata Mani Maheshwari	Fake currency detection using Digital Image Processing	Image Processing with AI	PO1 to PO12 & PSO1
52		20KE1A0484	V Lahari			
53		20KE1A0478	Rangiseti Nandini			
54		20KE1A0492	Thallapaneni priyanka			



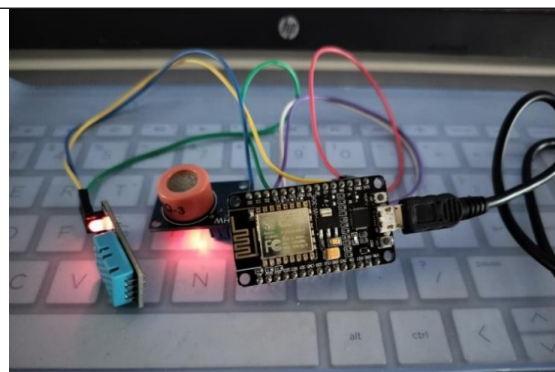
Block chain integrated IoT for smart agriculture



Skin care detection

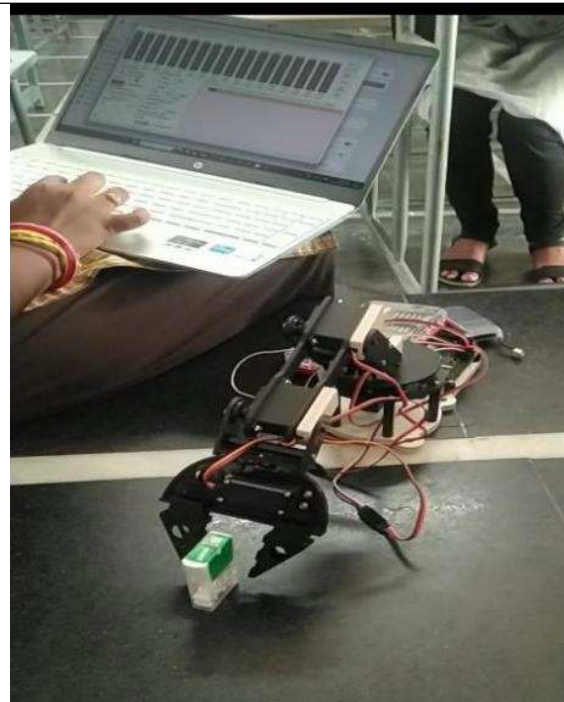
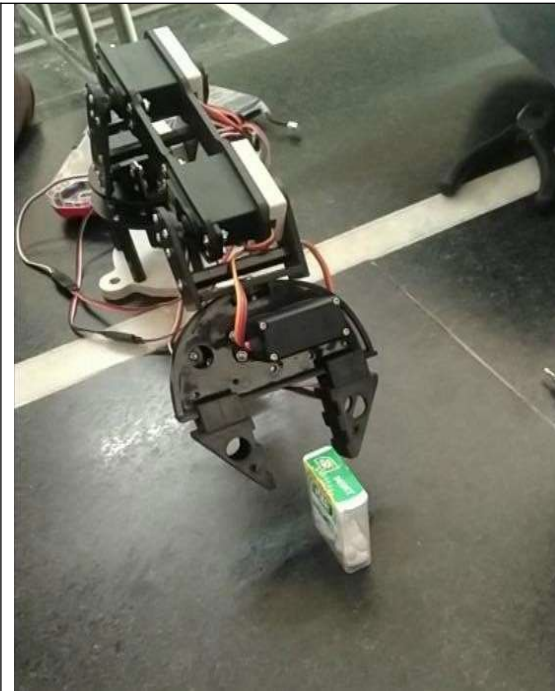


EMG controlled servo motor system: Integrates signal processing with real time feedback

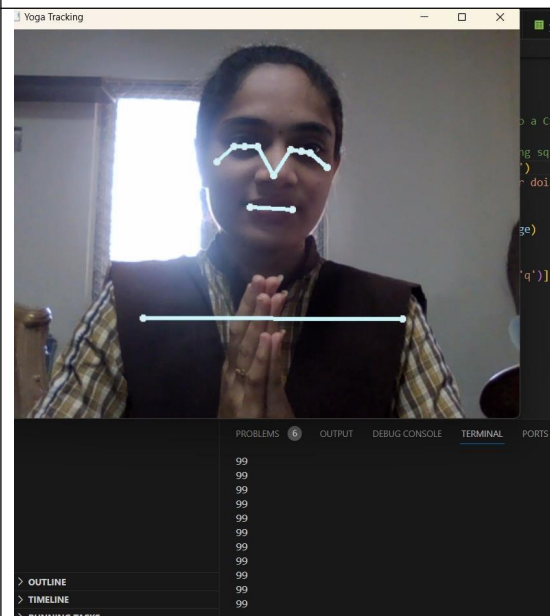


Secure Poultry insight with integration of Blockchain & IoT

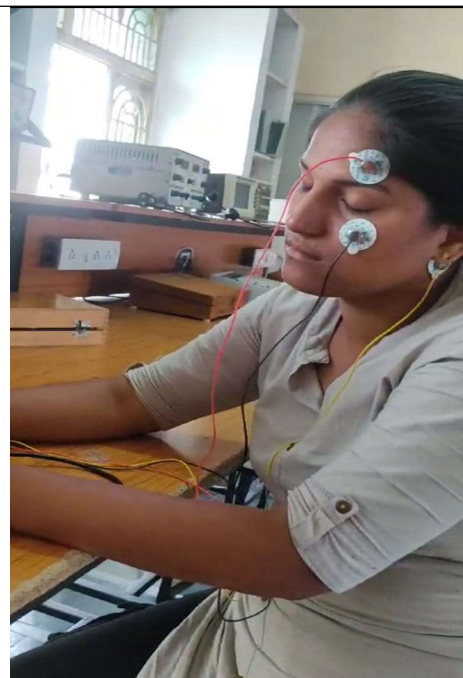
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Robotic Arm Object picker

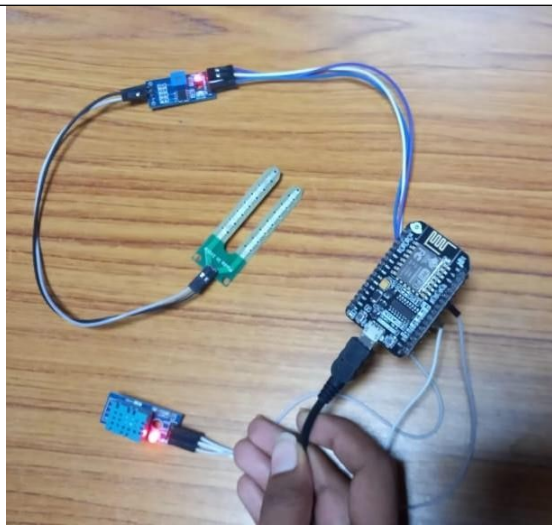


Automated Yoga session monitoring system



EOG based Drowsiness detection & Intervention system

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Insure Harvest 360: Enhancing agriculture with IoT, Blockchain & ML for comprehensive crop Insurance & real time field monitoring in sustainable farm management.

Fake Currency Detection

Upload plant image

Drag and drop file here
 Limit 200MB per file • PNG, JPG, JPEG

Browse files

fake 500.jpeg 10.5KB

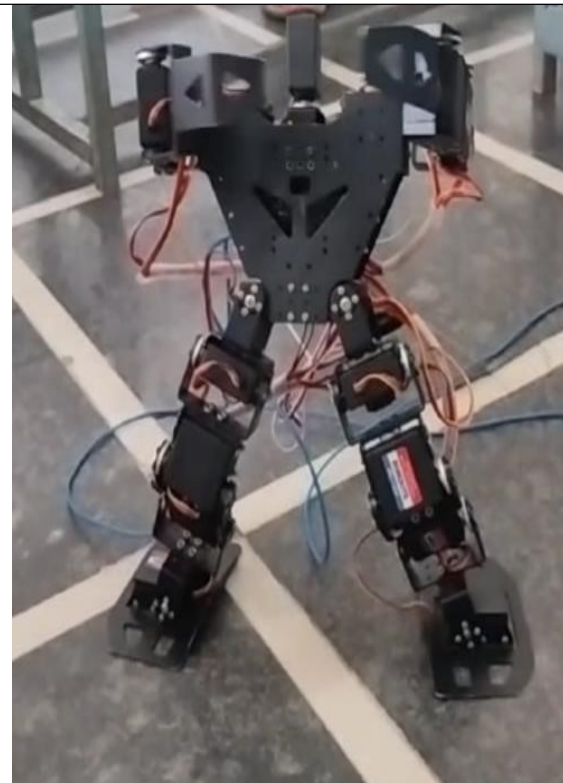
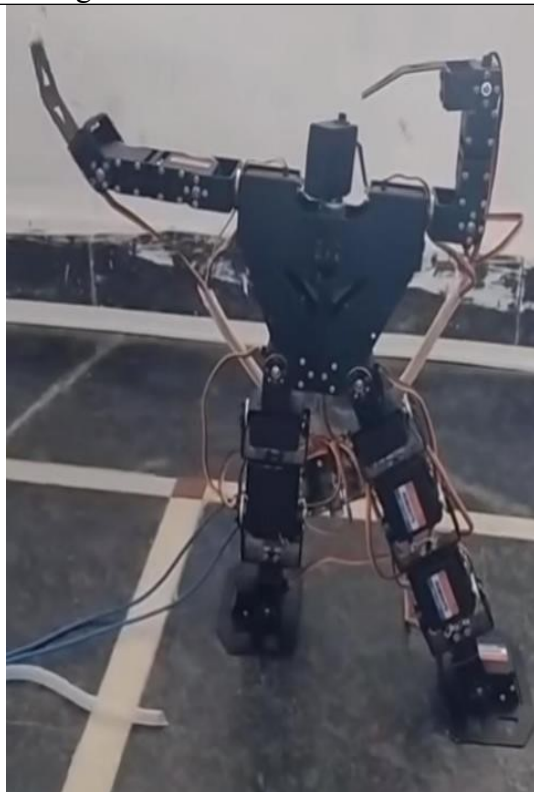
```
{
  "name": "fake 500.jpeg"
  "size": 10742
  "type": "image/jpeg"
}
```



Image Saved

Predicted Fake Currency: All fake Currency

Fake Currency detection



Bipedal Robot