Department of Electronics and Communication Engineering

Project Batches List AY 2024-25

Batch No	Roll No	Name of the student	Title of project	Name of the Guide	Duration	POs/PSOs addressed
1	21221A04G9	S.Sruthi Sravani	High Performance And Energy Efficient Fin-Fet Based 1-Bit Pt Full Adder	Ms.S.LEELA VENI.	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04F0	R.Balaram				
	21221A04G2	S.Baby Poojitha				
	21221A04J0	N.N.V.S.S.D.Ganesh				
2	22225A0411	K.Kanaka Mahalakshmi	Design Of Patch Antenna With Superstate Using Machine Learning	Dr.VALLURI DHANA RAJ.	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04I4	Y.Sanjay				
	21221A04G8	G.Rajkumar				
	21221A04G5	S.Narasimha Rohith				
3	21221A04G7	S.M.Rehaman	Comprehensive Analysis Of Power Efficient 1-Bit Full-Adder Circuit	Ms.G.ASHA.	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0407	Y.N.Srujana				
	21221A04E9	R.S.Manikanta				
	21221A04E6	D.Praveen Josh				
4	22225A0408	D.B.S.Akanksha	Performance Analysis Of Cmos 90mm Fin- FET 32nm USING 8-BIT BARREL SHIFTER	Mrs.V.Sandhya	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04H5	U.G.K.Durga Devi				
	22225A0404	B.D.Malleswari				
	21221A04I8	K.Dillip Rathna				
	21221A04F9	S.L.Narasimha				
5	21221A04H9	V.Rajya Lakshmi	Blind Spot Detection	Mrs.CH.S.R. GOWRI	6 Months	

	22225A0405	B.V.S.P.Sai Vyshnavi	System For Vehicles			PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04F4	R.Anusha				
	21221A04G4	S.Venkatesh				
6	21221A04F6	S.J.V.Sravani	A Low - Power 4*1 - Multiplexer With Cmos Fin-Fet Technology	Mr.I.R.S. NAGESWARA RAO	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04F2	R.Lokesh				
	21221A04J5	Y.K.V.S.D.Naveen				
	21221A04I5	Y.D.Shankar				
	21221A04H1	T.S.S.Kiran Kumar				
7	21221A04F3	R.Harsha Vardhan	Autonomous Plant Nursery Monitoring System	Mr.G.Sudheer Babu	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04H4	U.Anulakshmi				
	22225A0417	V.V.Chakradhar				
	21221A04H0	T.Ravi				
8	22225A0403	B.Nukambica Devi	Finfet Based Design And Performance Evaluation Of Multiplexers	Dr.T.Saran Kumar	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04I0	V.S.R.V.Harini				
	22225A0415	P.Sasi Kiran				
	21221A04J8	T.S.C.Kasi				
9	21221A04J6	Y.S.V.N.L.Sailaja	Comprehensive Study Of A Low-Power - High-Speed Arithmetic Logic Unit Design Techniques	Ms.P.Harika	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04G0	S.V.V.S.Krishna				
	22225A0413	K.Kiran Naga Sai Ram				
	21221A04J4	T.Durgaprasad				
10	21221A04H3	U.Shankar	Designing Of A	Dr.M.Nomitha Reddy	6 Months	
	21221A04J3	S.Naveen				

	22225A0416	T.Suneetha	Junction-Less Gallium Nitride Mosfet For Improving Linearty Of The Device			PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04I7	G.N.S.Satyanarayana				
11	21221A04H2	T.S.R.Teja	A Low-Power, High -Resolution, High -Speed Comparator	Dr.K.B.S.D. SARMA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04G1	S.Ravi Teja				
	22225A0401	A.Soni				
	21221A04I3	Y.M.Gayathri				
12	21221A04G3	S.S.N.Reddy	A Novel D-Latch Design For Low Power And Improved Immunity	Mr. NADIMPALLI PHANI KUMAR	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	22225A0412	K.Hemanth				
	21221A04J1	P.Naveen				
	21221A04H7	V.G.V.Ganapathi				
13	21221A04F7	S.I.Kumar	Fin -Feet -Based 1-Bit Full Adder Cell Implementation Using Tg And Cmoslogic System	Dr.N.S.N.L. Pathi Raju	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04I6	Y.B.Subrahmanyeswari				
	22225A0414	M.Somanadh Sai				
	22225A0407	D.Sai Nagendra				
	21221A04G6	S.Shyam Kumar				
14	21221A04H6	V.V.A.Sujana	Designing Of Circularly Polarized E-Slot Aperturecoupled Dielectric Resonator Antenna For Wideband Applications	Mrs.Ch.Sridevi	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04F8	S.S.G.Narayana				
	22225A0418	S.Bhanu Rekha				
	21221A04E7	R.Dola Shankar				

15	21221A0448	D.Satya Durga Venkatesh	4-BIT VEDIC MULTIPLIER WITH 18nm Fin Fet Technology	Mrs. MARISETTY MOUNIKA VARALAKSHMI	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0439	Ch.Sravani				
	21221A0450	D.V.S.Narayana				
	21221A0455	G.S.S.L.Vinay				
16	21221A04E8	R.Mounika	Design And Software Are Characterization Of Finfet Based Full Adder	Ms.K.Siva Ranjini	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04I2	Y.Mahesh				
	22225A0406	D.Dhanapraveena				
	22225A0402	B.Ashanandini				
17	21221A0419	B.Sankararao	Biometric Voting System Using Iot	Ms.G.Sukanya	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0469	J.M.V.Ajay Durga				
	21221A0457	G.P.Alekya				
	21221A0468	J.Lakshman				
	21221A0434	Ch.V. Vinay Saibabu				
18	21221A0411	A.D.L.Prasad	Traffic Density Based Signal Timing Control	Mrs.K.Swathi	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0436	Ch.P.Swarna Satya				
	21221A0432	Ch.V.V.N.Padmini				
	21221A0418	B.Vamsi				
19	21221A0456	G.Deepthi	Mri-Based Brain Tumor Detection Using Cnn	Mrs.S.N.V.D.L .Priyanka	6 Months	PO1, PO2, PO3, PO4, PO5, PO6,
	21221A0431	Ch.Durga Viswas				
	21221A0465	I.Monika				

	21221A0435	Ch.Venkateswarlu	And Machine Learning Techniques			PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
20	21221A0416	B.P.N.Satya Sai	Iot Based Smart Helmet With Air Bags And Accident Detection	Mr. YANDAMURI SAI SANDEEP	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0454	G.S.Satya Kumar				
	21221A0415	B.Sailaja Devi				
	21221A0467	I.Krishna Vamshi				
21	21221A0420	B.Anusha	Designc And Implementation Of Z-Shaped Koch Fractal Slot With Cylindrical Dielectric Resonator Antenna	Mrs. JALLI UMAMAHESWARI	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0452	G.Kiran				
	21221A0462	G.Naveen Teja				
	21221A0451	E.Jagadeesh				
22	21221A0401	A.V.Ganesh	Flood Disaster Management Alert System By Using Iot	Dr.Pravin Akula	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0453	G.Prabhanjali				
	21221A0408	A.P.V.Siddhardha				
	21221A0427	B.P.Rajesh Sai				
23	21221A0458	G.S.C.Sekhar	A Novel Finfet Based Approach For The Realization Of Ternary Gates	Mr.Y.Satya vinod	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0406	A.L.Poornima				
	21221A0446	D.Ajay				
	21221A0463	G.Navya Devi				
24	21221A0403	A.N.Ushasri	Implementation Of Fin - Fet	Mrs.V.Sandhya	6 Months	PO1, PO2, PO3, PO4,

	21221A0421	B.Charan Sri	Technology Based Low Power 4*4 Wallace Tree Multiplier Using Hybrid Full Adder			PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0444	D.T.S.Praneeth				
	21221A0429	Ch.H.V.G.Naidu				
25	21221A0441	Ch.C.Lakshmi Madhu	Smart Home Energy Management System	Ms. TIKKIREDDY SRI SATYA MOUNIKA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0409	A.J.Naga Sivavji				
	21221A0413	M. Ashish Vardhan				
	21221A0461	G.Mukesh Vardhan				
26	22225A0410	K.Jahanvi Veera	Fety Measure Implementation On Hazardous Gas And Fire Accidents	Ms. SEELAM NAGA BHARGHAVI	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04F5	R.Madhulatha				
	21221A04I9	M.B.Sri Lakshmi				
	22225A0409	G. Jitendra				
27	21221A0404	A.Satya Sai	Smart Vehicle Monitoring And Control	Dr.K.Rajasekhar	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0422	B.Durga Srinivas				
	21221A0460	G.R.Krishna Raju				
	21221A0405	A.Eswar Rao				
28	21221A0445	A.N.Durga Prasad	Iot Based Ghat Road Signalling	Mr. BONTHU CHANDRA PRAVEEN	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9,
	21221A0449	D.Pavan Kumar				
	21221A0412	A.S.Abhish Varma				

	21221A0447	D.N.V.Sai Teja				PO10,PO11,PSO1,PSO2
29	21221A0428	B.Rajasekhar	Smart Waste Management System Using Ultrasonic Sensor	Mrs.G.Sudheer babu	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0459	G.U.V.V.Lakshmi				
	21221A0402	A.Vivek				
	21221A0424	B.Abhishake				
30	21221A0485	K.Ajay	Orthogonal Frequency Division Multiplexing Signaling	Mrs.V.Sandhya	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0490	K.V.S.Sai Manikanta				
	21221A04D5	Pilla Aravind				
	21221A04C6	Aketi Chanran Karthik				
31	21221A0442	Ch.S.S.D.Padmini	Design And Implementation Of Arithmetic And Logic Unit	Ms.P.HARIKA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0433	Ch.Rohith Kumar				
	21221A0425	B.S.Surendra Kumar				
	21221A0437	Ch.Charan				
	21221A0430	Ch.Sitharamasai				
32	21221A0426	B.Nagendra Babu	Vehicle Number Plate Recognition Using Matlab	Mrs.K.L. Priyanka	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0414	B.Pardha Bhaskar				
	21221A0440	Ch.Vara Prasad				
	21221A0410	A.Chaitanya Naga Sai				
33	21221A04A6	M.V.Venkata Naidu	Gesture Controlled	Mr.Y.Satyavinod	6 Months	

	21221A0487	K.R.Venkata sri	Home Appliances			PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04A4	M.Sindhusha				
	21221A04D2	P.T.Sai Ram				
34	21221A0489	K.Sai Anuja	Design And Implementation Of 4-Bit Vedic Multiplier In 18nm Fin Fet Technology	Mr. PEYYILA RAJESH	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04A1	M.J.S.Ramanjaneya				
	21221A0499	M.V.S.Abhiram				
	21221A04D8	P.Sandeep Kumar				
35	21221A04E3	P.D.V.V.M.G.Surekha	Multiscale Edge Based Text Extraction	Ms. SEELAM LAKSHMI ANUSHA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04A3	M.K.Chaitanya				
	21221A04C2	Nikesh Nulu				
	21221A0492	K.C.H.S.V.K.Manikanta				
36	21221A04B9	N.S.S.Ramya	Designing Of Low Power Logic Gates By Using 16nm And 32nm In Finfet Technology	Dr.PRAVIN AKULA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04B1	M.V.M.Subhash				
	21221A04A7	M.J.S.Akhila				
	21221A04E1	P.M.Karunya				
37	21221A0497	Shaik Lukhman	Power Quality	Dr.K.B.S.D.SARMA	6 Months	

			Detection Of Wavelet Transform And S-Transform			PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0495	L.Sudhaveni				
	21221A0474	K.N.Venkata Teja				
	21221A0493	L.Satya				
38	21221A0476	K.R.D.Subrahmanyam	Home Automation With Voice Control & Secure Entrance	Ms. KONDAMURI NAGA TEJA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04E2	P.S.D.Venkata Vinay				
	21221A04A5	M.Madhuri				
	21221A0475	K.Chushak				
39	21221A04E5	R.Gopichand	Low Power Optimization 8t Full Adder Using Finfet Technology	Miss KONDAMURI PURNA SIDHU	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04C5	P.Sowjanya				
	21221A04B0	M.L.Jahnavi				
	21221A04B3	M.B.S.S.Narayana				
40	21221A04D4	P.Sai Devi Sri	Design Of Triangle Fractal Loaded Dra For Multiband Applications	Mrs.Ch.Sridevi	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04B2	M.Renuka				
	21221A04C8	P.Christopher				
	21221A0479	K.J.S.S.Lakshmi				
41	21221A0470	J.P.S.N.Jyothi	Finite Impulse Response Filter Using Systemmetric Structure	Mrs.S.N.V.D.L .Priyanka	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0494	L.Sujith				
	21221A0472	J.C.Mahesh				
	21221A04A2	M.N.V.S.Pavan				

	21221A0488	K.V.Kumar				
42	21221A04B9	N.Abhilashya	Fin Fet 6t Sram Cell For Nanoscaled Technology	Ms.P.HARIKA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0480	K.J.S.N.V.Lakshmi				
	21221A04D3	P.V.S.Manikanta				
	21221A04D0	P.Siva Nanaji				
43	21221A04C4	P.Rohith	Designing Of A Low Power Carry Select Adder Using Fin-Fet Technology	Mrs.NALLA RATNA PRIYA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0491	K.V.D.Bhavadeep				
	21221A0478	K.B.Ramanuja Reddy				
	21221A0473	K.Triguna Sai				
44	21221A04B5	N.Sri Nayani	A Novel D-Latch Design For Low Power And Improved Immunity	Dr.T.Saran Kumar	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04C0	N.Raju				
	21221A04C9	P.S.S.M.G.Nayudu				
	21221A04C3	N.S.S.S.Chakradhar				
45	21221A0483	K.Mahesh	Design And Implementation Two Element Mimo Antenna Utilising Metematerial Based Superstrate For 5g Application	Dr.VALLURI DHANA RAJ	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04B6	N.Siva Ganesh				
	21221A0471	J.Madhu				
	21221A04D1	P.Suryanarayana Murthy				
46	21221A04D7	P.M.L.Chandrika	Hand Free Pc Control With Eye Movement	Dr.K.RAJA SEKHAR	6 Months	PO1, PO2, PO3, PO4, PO5, PO6,
	21221A0477	K.Siddi Vilas				

	21221A0498	M.S.R.L.Hemanth	And Blink Sensor Using Raspberry Pi			PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04C7	B.Suryateja				
47	21221A04D9	P.Lavanya	Real-Time Health Monitiring System Using Iot	Mrs. BALLA NAGA LAKSHMI	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04A9	M.N.V.Durga Purnima				
	21221A04E4	P.T.S.S.Ramadevi				
	21221A04B4	N.D.S.Nandini				
48	21221A0486	K.Uday Kiran	Design Of A Double Gate Mosfet Using Ga2 O3 For Rfic Analysis	Ms. GUBBALA LAKSHMI DURGA	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A0496	L.Anu Satya Sri				
	21221A04A0	M.Naga Ganapathi				
	21221A0482	K.Sri Hartheek				
49	21221A04D6	P.S.Veerendra	Design ,Anaysis And Optimization Of Cmos Full Adderbased Finfet 10nm	Ms.S.LEELA VENI	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A04B7	N.B.S.N.S.S.Sujith				
	21221A0484	K.Venkata Pavan				
	21221A04E0	P.Y.S.S.Surya				
50	21221A04I1	Y.N.V.S. Devi	Ai-Based Implantable Pill For Medication Tracking	Mr. PARAMKUSAM ARUDRA .	6 Months	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10,PO11,PSO1,PSO2
	21221A05G5	S.N. Rohith				
	21221A0443	Ch. Raj Kumar				
	21221A0466	I.M. Sarawathi				