



LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY
 (An Autonomous Institute, Approved by AICTE, Permanently Affiliated to JNTU GV)
 Accredited by NAAC with “A” Grade and NBA Accredited (ECE, CSE, EEE, MECH)
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PROJECTS LIST FOR A.Y:24-25

S.No	Roll number of the Students	Name of the Student	Name of the Supervisor	Project Title
1	21KD1A0445	GANAGALLA HYNDHAVEE	Dr.M.RajanBabu	A Novel Low Offset Low Power CMOS Dynamic Comparator
	21KD1A0457	JAGARAPU NAGA SAI NIKHIL		
	21KD1A0451	GUDIVADA LOKESH		
	21KD1A0429	BUSIROTHU SURESH PRASAD		
2	21KD1A0422	BOBBILI DEEPIKA	Dr.A.V.Paramkusam	Implementing a Vision Based Real Time Object Detection and Voice Alert For Blind Assistance System
	21KD1A0413	BADDUKONDA HARIKA		
	21KD1A0430	CHAPPA HEMALATHA		
	21KD1A0408	ALLU HEMA VARSHINI		
3	21KD1A0403	ADIMULAM GNANA TEJA	Dr.S.Sridhar	Ensemble Learning Model for Breast Cancer Detection And Classification Using ML & Deep Learning Algorithms
	21KD1A0433	Ch. D. G. V. SAI YASWANTH		
	21KD1A0431	CHAPPIDI HEMADIVYA		
	21KD1A0409	ALLU MANOHAR NAIDU		
4	21KD1A0434	CHINTALAPUDI LOKESH	Dr.R.Santosh	Investigation Of Electronic And Optical Properties Of Perovskite Semiconductors (Catio ₃ , Batio ₃ And Ti ₃ (Bio ₃) ₄) For High-Efficiency Solar Cells
	21KD1A0421	BILLANA BHASKARA RAO		
	21KD1A0424	BONGU SARATH KUMAR		

5	21KD1A0411	ARISETTI MOUNIKA	Mr.B.Hemanth nag	Design of Gait Recognition for Edge Application
	21KD1A0405	AKKISSETTY PRAGATHI		
	21KD1A0416	BARRI NEERAJ ABHIRAM		
	21KD1A0463	GUDARI YAGNESWAR		
6	21KD1A0438	DARA.LAKSHMAN KUMAR	Mr.N.raja Sekhar	Compact And Flexible Super Wide Band Antenna Design for Advanced 5G Applications
	21KD1A0461	K YOGESH KUMAR		
	21KD1A0439	DANIYALA NEERAJ		
	22KD5A0404	GANUGULA DHAKSHAYANI		
7	21KD1A0407	ALLA VINEESHA	Mr.S.Rama Krishna	Implementation of an Advanced Deep Learning Algorithms for Skin Cancer Detection
	21KD1A0426	BOTCHA MAHESH		
	21KD1A0415	BARNALA AKSHAYA		
	22KD5A0401	AINAMPUDI SIVANI		
8	21KD1A0401	AASI ROHITH	Mrs.M.Sujatha	Meta material-Based Multilayer Designs for Enhanced Antenna Gain and Efficiency
	21KD1A0425	BONTHADA PALLAVI		
	21KD1A0418	B LAKSHMI NARAYANA		
	21KD1A0410	AMBATI SEVYA MAANASA		
9	21KD1A0432	CHERUKURI JAYASREE	Mrs.R.Divya kanthi	Implementation of Deep Learning Based Paddy Leaf Disease Detection And Classification
	21KD1A0435	CHIPPADA AKASH		
	21KD1A0428	GORLE CHANDRA SEKHAR		
	21KD1A0417	BEJAVADA SOWMYA SRI		
10	21KD1A0440	DARAPUREDDY KAVYA SRI	Mr.SK.Aziz	Advancing Underwater Acoustic Communication: Design, Simulation, and Future Prospects for High-Speed Broadband Transmission
	21KD1A0442	DUPPADA KOTESWARA RAO		
	21KD1A0466	KALLA DILEEP AZRAY		
	21KD1A0460	JAVVADI MANOJ		
11	21KD1A0419	BHUMIREDDI BHANU KIRAN	Mr.S.Suresh Kumar	Development of A Machine Learning Model for Calories Burnt Prediction
	21KD1A0423	BOMMI LEKHANA		
	21KD1A0406	ALLA PREM SAI VIGNESH		
	21KD1A0420	BHUTALA RAHUL		

12	21KD1A0454	CHINTA PRAVEEN KUMAR	Ms.J.Priyanka	Design of IoT Enabled Railway Fishplate Tracking System For Real Time Alerts and Motion Sensing
	21KD1A0437	CHUKKA RAVITEJA		
	21KD1A0458	JAMMU GANESH		
	21KD1A0404	ADIREDDY USHA RANI		
13	21KD1A0465	KALAGARLA LAXMI KOMALI	Mr.P.Hareesh	Glaucoma Identification using MATLAB And GUI Ensemble For Optic Disc And Cup Segmentation
	21KD1A0450	GORLE KUSUMA		
	21KD1A0443	G GOVARDHAN		
	22KD5A0405	GORLA AKHIL		
14	21KD1A0464	K. VENKATA SAI KEERTHANA	Mr.D.Venkatachari	Dual-Band Meta Material-Enhanced Dielectric Resonator Antenna For High-Gain, Low-RCS Wireless Communication
	21KD1A0441	DHAVALA KARTHIK KALYAN		
	21KD1A0459	JARAJAPU VAMSI		
	21KD1A0402	ADHIKARI JITENDRA RAO		
15	21KD1A0446	GARBAPU SURYA PRAKASH	Mr.K.Guru Charan	Design of a Vision Transformer-Based System for Medical Flower Recognition in Drug Discovery
	21KD1A0462	K. JANARDHAN REDDY		
	21KD1A0444	GADI SAI SANDEEP		
	21KD1A0414	BANITA BORADO		
16	21KD1A0427	BOTSA RENUKA	Mr.L.Srinivasa rao	Design of Real Time Smart Cold Storage Monitoring and Control System using IoT
	21KD1A0412	ATTADA RAMYA		
	22KD5A0402	BALAGA NAVEEN KUMAR		
17	21KD1A0455	INUMULA HARICHARAN	Mrs.G.L.Saranya	Path Optimization Line Following Robot using Ardiuno
	21KD1A0456	IPPLI VEDHA SRI		
	22KD5A0406	JARAJAPU DEEPAK		
18	21KD1A0447	GARUGU NAGA SEKHAR	Mrs.P.Sravanthi	IOT Enabled Web Based Solution for Fleet Management and Fuel Theft Detection
	21KD1A0449	GORLE JASWANTH		
	21KD1A0453	GURANA CHANDRA SEKHAR		
	22KD5A0407	KANDREGULA YAGA RISHI VARDHAN		

19	21KD1A04A7	MEDISETTI YAMINI	Dr.B.Sridhar	Implementing An NVIDIA Jetson Powered Sensory Guidance System for The Visually Impaired Individuals
	21KD1A04C9	PALLI MOHAN SURYA TEJA		
	21KD1A04C0	NEERUKONDA DHARMA TEJA		
	21KD1A0491	M . AKASH SATYA SRINIVAS		
20	21KD1A04A9	MENDA DHATRI SREE	Dr.D.Naresh kumar	Dual-Band Miniaturized Metasurface Antenna with Meander-Line Structure for Implantable And Wireless MIMO
	21KD1A04C2	NETHALA KRISHNA VAMSI		
	21KD1A04A5	MATSA ABHIRAM		
21	21KD1A04A3	SEERAPU HIMABINDU	Dr.R.V.Ch.Sekhar rao	Development Of Brain Stroke Prediction System With Deep Learning And Machine Learning Algorithms
	21KD1A0473	KILLAMSETTI SIVAMANI		
	21KD1A0496	MADAKA RANJITH KUMAR		
	21KD1A0480	KOTA URMILA DEVI		
22	21KD1A04A2	MARISARLA VINEELA VARSHINI	Mr.B.Rammohan	Design of an IOT Based Pest Control System
	21KD1A0474	KOLLI DIVYA SRI		
	21KD1A0479	KOTA MURALI KRISHNA		
	22KD5A0403	BANDARU MADHURI		
23	21KD1A0476	KOLLI DEEPIKA	Mr.B.Hemanth nag	Optimized Embedded Attendance Management using Deep Learning
	21KD1A0492	M NIKHILA SAI SREE		
	21KD1A0493	MADDULA SAI KRISHNA		
	22KD5A0412	KOMMOJU V V SIVA SURYA PAVANI		
24	21KD1A0499	MADDULA VENKAT	Dr.N.Raja Sekhar	Design Of A Millimeter-Wave MIMO Antenna Array for 5G communication Terminals
	21KD1A0481	KOYYA THOTAMMA		
	21KD1A0486	LANKA SAI DURGA LOKESH		
	22KD5A0411	KOMARA SHYAM KUMAR		
25	21KD1A0475	KOLLI KOTESWARARAO	Dr.B.Srikanth Kumar	Design Of Approximate 2-Bit, 4-Bit, And 8-Bit Comparator for Image Processing Application.
	21KD1A0469	KANDI BHAVANI		
	21KD1A0494	MARISARLA. LOHITH		
	22KD5A0413	PABOLU GAYATHRI		

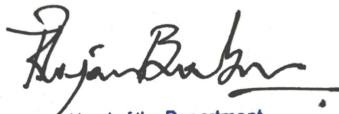
26	21KD1A04D1	PANDRANKI PAVANI	Mr.S.Rama krishna	Implementation of Cardiovascular Diseases Prediction System using Deep Learning
	21KD1A04C1	N. K V N SAI LAKSHMI VISHNU PRIYA		
	21KD1A04C5	P. RAM VENKATA SATYAM NAIDU		
27	21KD1A0485	LAHARI SRIVATSA GOTTAPU	Mr.D.Shankar redy	VLSI Implementation of High Speed Arithmetic Circuits for DSP Applications
	21KD1A0471	KANDULA SREEJA		
	21KD1A0484	KUPPILI VANDANA		
	22KD5A0414	PAILA ROSHINI SATYA		
28	21KD1A0497	MADDI TEJA SREE	Mrs.M.Sujatha	Advanced Integrated Filtering Antenna Array for Superior Selectivity And Harmonic Suppression
	21KD1A0489	LODAGANA DIVAKAR		
	21KD1A0477	KORADA DILEEP KUMAR		
	21KD1A0497	MADDI TEJA SREE		
29	21KD1A0490	LUTUKURTI JNANA DEEPIKA	Mrs.R.Divya kanthi	Implementation of Real Time Food Freshness using IOT And Machine Learning
	21KD1A0472	KANKIPATI SANATH VARMA		
	21KD1A0483	KUMARAPU SRIVIDYA		
30	21KD1A04A8	MEESALA RAGHU NADH	Mr.SK Aziz	Optimizing Hops and Retransmissions for Energy Efficient Multi-Hop Underwater Acoustic Communication
	21KD1A04B4	MUPPIDI BHARGAVI		
	21KD1A04B1	MODUKURI SAI VAMSI KRISHA		
	21KD1A04D2	PAPPALA PRANATHI		
31	21KD1A0478	KORADA RENUKA	Mr.P.Sudheer	Design of an Area-Efficient Carry Select Adder by Sharing Common Boolean Logic Terms
	21KD1A0495	M.V.G.S.K. HIMAKAR		
	21KD1A0467	JARJAPU RAVI KIRAN		
	22KD5A0410	KOLUKULA SIVA NANDINI		
32	21KD1A04B6	NADUPURU SRAVANI	Ms.J.Priyanka	Design of Fraud Detection System for UPI Transactions Using Machine Learning
	21KD1A04B2	MOHAMMAD SHAMMY FATHIMA		
	22KD5A0408	KASTURI ADITHYA		

33	21KD1A04A4	MATHALA HEMALATHA	Mr.P.Hareesh	Enhancing Nutrient Prediction from Recipe Descriptions through
	21KD1A04D0	PANDRANKI CHANDRAMOLI		
	21KD1A04B0	METTA PAVAN KUMAR		
	21KD1A04C7	PAIDI VIBHAVAN RAO		
34	21KD1A04C3	NEYIGAPULA VENU GOPAL	Mr.D.Venkatachari	Design Of Meta material Loaded Triple Band MIMO Antenna for X And Ku Band Applications
	21KD1A04B5	MUSIDIPALLI SAMPATH SRAVAN		
	21KD1A04B8	NALLA UTTEJ		
35	21KD1A0488	LENKA URMILA	Mr.S.S.Kiran	Design of AI-Controlled Density-Based Traffic Signal Management System using STM32-Nucleo Board
	21KD1A0498	MADDULA SANJAY		
	21KD1A0470	KANDI SIREESHA		
36	21KD1A04B7	NAKKILLA RAKSHITHA	Mrs.P.Srujana	Implementation of Heart Disease Prediction Model Using Machine Learning Techniques
	21KD1A04C8	PALLA VENKAT SAI TEJA		
	21KD1A04C6	PADHI SANTOSHI		
37	21KD1A04B9	NANDAM MANIKANTA	Dr.L.Alekhy	Generating Electricity from Solid Waste
	21KD1A04A6	MEDAPALLI LEELA SAI PRASANTH		
	21KD1A04B3	MUDADLA MOHAN KUMAR		
	22KD5A0409	KAVYA PARUCHURI		
38	21KD1A0468	KANAKALA SWETHA	Mrs.A.Sowjanya	Smart Waste Seperation for Sustainable Future
	21KD1A04A1	MANDARAPU KANAKA VARSHITHA		
	21KD1A0482	PYDI SEKHAR		
39	21KD1A04F0	PYLA SUNITHA	Dr.M.Rajan Babu	High-Speed Dynamic CMOS Comparator using Cascode Cross-Coupled and Auxiliary Inverters
	21KD1A04E1	POLAMARASETTY BALAJI		
	21KD1A04E0	POGIRI ANJI		
	21KD1A04J0	VUDAMALA CHAITANYA		

40	21KD1A04F1	RAMUDRI DHANUSH BABU	Dr.B.Sridhar	Development of Crop Recommendation System using Machine Learning and IOT
	21KD1A04E3	SINGAMPALLI CHANDRA PRIYA		
	21KD1A04E7	PUDI NAVEEN KUMAR		
	21KD1A04J5	MULAGA SRAVYA		
41	21KD1A04E8	PUTSALA SOWJANYA	Dr.A.V.Param kusam	Development Of A Mobile App to Detect Counterfeit Currency Using Image Processing
	21KD1A04G8	SRISTU KEERTHI PRIYA		
	21KD1A04E9	PYLA BHAVYA SRUTHI		
	21KD1A04I7	VELUDUTI BHIMESH		
42	21KD1A04H5	THUTHIKA HEMANTH	Dr.S.Sridhar	Transformative Agriculture-Smart Farming Robot for Neglected Lands
	21KD1A04I6	VEEROJU HEMA		
	21KD1A04I5	VEERAMSETTI VAMSI		
	21KD1A04J6	PUSARLA DHANYA SRI		
43	21KD1A04G2	SENAPATHI SRINU	Dr.D.Naresh kumar	Design And Development Of Metasurface-Based Antennas for Wireless Applications
	21KD1A04G1	SEERA VASANTHA KUMAR		
	21KD1A04D7	PEDOKOTA PRANEETH KUMAR		
	21KD1A04I1	VANGAL JESSICA		
44	21KD1A04J7	VAKA LAVANYA	Dr.R.Santhosh	Investigation of Electrical And Optical Properties of Mxen Semiconductor
	21KD1A04J1	VUDAMALA DEEPAK		
	21KD1A04H4	THARIGOPPALA SAIPAVAN		
	21KD1A04G0	SEEMALA DHANUNJAYA RAO		
45	21KD1A04D3	PASUMARTHY NITISH	Dr.R.V.Ch.Sekhar rao	A Novel Feature Fusion Method for Plant Leaf Disease Classification : Combining CNN With LBP
	21KD1A04D4	PATHI NARASIMHA SAI		
	21KD1A04F9	SARIPILLI BHASKAR SAI		
	21KD1A04G4	SIDDANATHI SAI KUMAR		
46	21KD1A04G5	SIMHADRI PRASANTH KUMAR	Dr.B.Srikanth kumar	Design Of The Multi-Bit Inexact Adder for Image Addition
	21KD1A04D8	PENTAPATI JAHANAVI		
	21KD1A04E2	PONDURU AKHIL		
	21KD1A04G7	SIYYADRI MOHAN CHANDRA		

47	21KD1A04I0	VALLURU TEJASWINI	Mr.B.Ram mohan	Reconfigurable Two Element MIMO Antenna for 5G
	21KD1A04I3	VARADA RAJITH KUMAR		
	22KD5A04I9	VADAPALLI JYOTHI		
	21KD1A04H7	UPPADA RAMYA		
48	21KD1A04H9	UPPALA KALPANA	Mr.D.Shankar reddy	VLSI Implementation of 8 Bit RISC Processor Using High Speed And Low Power Arithmetic Hybrid Circuits
	21KD1A04H2	TELUGU RAJA AYYAPPA		
	21KD1A04I8	VIYYURI BHARATH SANJAY		
	21KD1A04G6	SIRIPURAPU MAHESWARI		
49	21KD1A04I2	VANAPALLI GNANESWARA RAO	Mr.P.Sudheer	High-Speed Linear Convolution Using Vedic Mathematics
	21KD1A04J3	YERRAMSETTY KARTHIK		
	21KD1A04I9	VOONNA SAI KRISHNA		
	21KD1A04F2	RAPAKA SIREESHA		
50	21KD1A04H1	TATISETTI HARSHINI	Mr.S.Suresh Kumar	Smart Railway Pedestrian Crossing and Platform Safety System
	21KD1A04H3	THALLAPUDI RAGHAVA		
	21KD1A04I4	V V JAGANNADHA SASIKALA		
	21KD1A04F8	SAMIREDDY SHASHANK		
51	21KD1A04D9	PINNINTI YAMINI	Mr.S.S.kiran	Design of Transmission and Fault Detection using IoT
	21KD1A04E4	POTHIRENDI JAIRAM		
	21KD1A04E5	POTNURU PRADEEP KUMAR		
	22KD5A04I8	SURADA SANTHI KUMARI		
52	21KD1A04H0	SUNKARI ASRITHA	Mrs.P.Srujana	Enhancing Diabetes Diagnosis: A Machine Learning Approach with a Self-Explainable Interface
	21KD1A04H6	TOTTADI SANDEEP		
	21KD1A04J4	TADUTURI MANIKANTA		
	22KD5A04I7	POTNURU PRUDHVI		
53	21KD1A04D5	PATHIVADA ANUSHA	Mrs.K.Gurucharan	Design of A Smart Milk Adulteration Detection System Using AI And Sensors
	21KD1A04F6	SAILADA NIHARIKA		
	21KD1A04G3	SIDDANADHAM S. SURYA VIJAY KUMAR		

	21KD1A04F4	ROUTHU DILEEP KUMAR		
54	21KD1A04H8	UPPALA BHARATHI	Mrs.S.D.Madhuri	Development of Smart TDS-Based Water Purification System
	21KD1A04G9	SUNKANA NAVEEN KUMAR		
	21KD1A04J2	YERRA GANESH ADITHYA		
		PATNALA KANAKA KAMALA		
	22KD5A0415	LOHITA		
55	21KD1A04F5	SABBAVARAPU VIVEK ADITHYA	Mrs.M.Pavani	Design of Parallel Adder using hybrid CLA RCA structure.
	21KD1A04F3	REDDY GIRIDHAR		
	22KD5A0416	POOTHU VENKATA LAKSHMI		
56	21KD1A04D6	PATHIVADA VIJAYA LAKSHMI	Mr.P.Anil kumar	Design of an approximate 2-Bit Multiplier and its Implementation in High Radix Multiplication
	21KD1A04E6	POTNURU RAMYA		
	21KD1A04F7	SAMBANGI NARAPPA GARI SAI SATVIK		


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