



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

DEPARTMENT OF INFORMATION TECHNOLOGY
http://lbrc.ac.in/index.php, hodit@lbrc.ac.in, Phone: 08659-222933, Fax: 08659-777931

B.Tech Final Year Project List A: Y- 2025-26

Course : Project Work

Course Code: 20P103

S.No.	Batch	Team Members	Roll	Project Title	Project Guide	Project Guide Signature
1	Batch - 1	BATCHU MANASA	22761A1204	Automated Multi-Class Retinal Disease Classification Using OCT Images with Visual Interpretability Support	Dr. K. Phaneendra	
		CHINTHAPATLA DHANUSH	22761A1211			
		VATTEM HARSHA VARDHAN	22761A1261			
		THOTA LAKSHMI SUSMITHA	22761A1260			
2	Batch - 2	KONDIBOYINA SAGAR	22761A1234	EMO-VIGIL: A Transformer-Based Framework for Fine-Grained Emotion Detection and Risk Scoring from Micro text Using the Go Emotions Dataset	Mrs. J. Geeta Renuka	
		ITHARAJU DURGA PRASAD	22761A1225			
		MOHAMMAD FASHA TASNEEM	22761A1241			
3	Batch - 3	GARIMELLA GOPICHAND	22761A1219	Safe Ride AI: A Deep Learning-Based System for Detecting Triple Ridding and Helmet Violations Using CCTV Surveillance	Mrs. Rehana Begum	
		PINNIBONA JYOTHI MANIKANTA	22761A1250			
		CHIDELLA VYSHNAVI	22761A1210			
4	Batch - 4	MARTHA KODE NAGU	22761A1239	A Hybrid Inception-Vision Transformer-Autoencoder model for Diabetic Retinopathy Detection in Retinal Fundus Images	Mr. K. Rajasekhar	
		BALUSUPATI GOPI KRISHNA	23765A1201			
		GUGGILAM CHINMAYINAGA SAI LAKSHMI	22761A1222			
5	Batch - 5	DINESH REDDY GUNNAM	22761A1215	A Hybrid CNN-Based Deepfake Detection Framework Using Spatial Attention and Temporal Feature Analysis	Dr. S. Naganjaneyulu	
		NAKKANI BHARGAV	22761A1244			

6	Batch - 6	KATARI VASWANTH KUMAR		22761A1231	Privacy-First Dual-Model-Mode Intelligent Voice Assistant With End-to-End Encryption and Zero Trace Mode	Mrs. K. LakshmiDevi	
		ATLURI CHARLESSFINNY		22761A1202			
		KEESARA SREENU		22761A1232			
7	Batch - 7	PADAMATA PRIYA SRI		22761A1248	An Explainable Transformer-CNN Ensemble Framework for Real-World Plant Leaf Disease Detection	Dr. S. Naganjaneyulu	
		YARAM JASMINE		22761A1265			
		DHARA VATHU SIVA PRASAD		22761A1214			
		BOJANKI YOOGITA		22761A1207	An Enhanced Deep Learning Framework for Heart Disease Risk Prediction Using Retinal Image Analysis and Multimodal Data Fusion		
8	Batch - 8	GUMMADIDALA UMA MAHESWARA RAO		22761A1223		Mrs. M. Hemalatha	
		PALEPOGU PAVAN KALYAN		22761A1249			
		JAMPANI ASWINI		22761A1227	AI-Based Tool for Early Detection of Dermatological Conditions Using Deep Learning		
9	Batch - 9	KOPPULA SAILAJA		22761A1235		Dr. D. Ratna Kishore	
		IPPILI VAMSI		22761A1224			
		KORITALA SRAVYA		22761A1236	TWO-Way Communication System Using Dynamic ISL Gesture Recognition and Voice Processing		
10	Batch - 10	NANDURI SAI PRANEETHA		22761A1245		Mr. M. Vijay Kumar	
		BHOGREDDY THIRNADH		22761A1206			
		PULA VENKATA SIVA NAGA RANI		22761A1252	Adverse Drug side effect from medical literature or patient reviews using NLP		
11	Batch - 11	KODAMANCHILI KALYANI		23765A1203		Mr. B. Ravindra Chaiti Babu	
		BANAVATHU JYOTHI BHAI		22761A1203			
		NACHIREDDY RUPA		22761A1242	A Hybrid Deep Learning Model for Social Media Bot Detection using BiGRU, LSTM and GloVe Word Embedding		
12	Batch - 12	PADAMATA THARAKARAM		23765A1205		Mr. V. V. Krishna Reddy	
		NERUSU TILAK		22761A1247			
		SHAIK CHAN BASHA		22761A1255	Authenticated Federated AI Framework for Real-Time Interbank Fraud Detection and Credit Scoring		
13	Batch - 13	POLNENI SRINIVASULU		22761A1251		Dr. K. Venu Gopal	
		RAPOLU BHAVYA SRI		23765A1206			
		CHUNDURI NIKHILA		22761A1212	Enhancing Privacy and Search Accuracy and IoT Systems using Lightweight Encryption, Machine Learning and Blockchain		
14	Batch - 14	NELAPATI HARI VINAY		22761A1246		Mr. B. Sarath Chandra	
		KATRENIPATI NAGA SESHU		23765A1202			

15	Batch - 15	MANUBOLU RAKESH	22761A1238	Automated Multi-Disease Detection from Tongue Images for Clinical Screening Support	Dr. K. Phaneendra	
		KARLAKUNTA ABHIGAYAL	22761A1229			
		GANTA CHANDU VENKATA SRI HARSHA	22761A1218			
16	Batch - 16	CHERUKUMALLI SRI HARI	22761A1209	An Intelligent Temple Surveillance System for Missing Person Identification Using Aadhaar QR and Face Recognition	Mrs. R. Pavitra	
		DUDUKU PRATHYUSHA	22761A1217			
		TADEPU DEVI ABHINAYA	22761A1257			
17	Batch - 17	BONTHA PRADEEP	22761A1208	Eye-Gaze Controlled Desktop Assistant With Blink Confirmation For Enhanced Accessibility	Mrs. T. Karuna Latha	
		SHAIK MUJEEB	22761A1256			
		SANIKOMMU KONDA REDDY	22761A1253			
18	Batch - 18	YELURI HARSHA VARDHINI	22761A1266	Automated Brain Disease Detection Using MRI with Deep Learning	Dr. B. Srinivasa Rao	
		TEJAVATHU RAMYA	22761A1259			
		ARVAPALLI HARSHA VARDHAN	22761A1201			
19	Batch - 19	YADAM NAGA VENKATA NAVEEN KUMAR	22761A1264	Speech-to-Scene: Real-Time Animation System for Smart Classrooms	Dr. G. Rajendra	
		SEELAM SURYA PRAKASH REDDY	22761A1254			
		KANDULA JASHWANTH SAI	22761A1228			
20	Batch - 20	JAGARLAMUDI NANDINI	22761A1226	Plant Species Identification and Information Retrieval Using Advanced CNN Models	Dr. Ch. Malathi	
		VUYYYURU VIJAYA LAKSHMI	22761A1263			
		BHIMIREDDY V N SIDDARDHA REDDY	22761A1205			
21	Batch - 21	MARUVADA AASRITHA PADMINI	22761A1240	AI-Powered Stock Prediction Using LSTM and Transformer Models with an Android-Based Advisory App	Mrs. D. Vijaya Sri	
		DIVYAKOLA CHANDRA SEKHAR	22761A1216			
		DASARI PARDHU NAGA SAI KRISHNA	22761A1213			
22	Batch - 22	VENTRAPRAGADA VEEENA JESSY	22761A1262	A Hybrid Deep Learning Model for Predicting Depression Symptoms From Large-Scale Textual Dataset using ELMo and BERT	Mr. M. Rajesh Reddy	
		KORLAKUNTA RAMESH	22761A1237			
		KASUKURTHI NAGA SANDEEP	22761A1230			
23	Batch - 23	SRIGOTTAM HEMALATHA	22761A1221	AI-Based Crop Disease Detection System	MR. CH.P.V. SRINIVASA RAO	
		TALARI NAVA JEEVAN SRAVANTH	22761A1258			
		KODURU TANU SAI	22761A1233			

24	Batch - 24	ALLURI AISWARYA		22761A1270	CNN-Driven Classification for Agricultural Pest Identification	Mrs. D. Vijaya Sri	
		MALLELA DURGA PRASAD	22761A12A7				
		SEEDA THANMAI	22761A12B8				
		BOLLA PALLAVI	22761A1275				
25	Batch - 25	CPEDAPUDI LAKSHMI		23765A1211	Multi-Cancer Prediction Using Various Learning Methods	Dr. Ch. Malathi	
		PRASANNAHANTHAPATLA DHANUSH		22761A1280			
		CHATTA MOUNIKA		22761A1288			
		GADE KALPANA		22761A12C0			
26	Batch - 26	SHAIK DANIS AHMED		22761A12A5	Client-Side Defense Against Web Spoofing Attacks Using Machine Learning	Mrs. P. Padmini	
		MADDUKURI AKHILA		22761A12C9			
		CHALUVADI AASRITA		23765A12A2			
		VANAMA SAI HARSHITH		22761A1287			
27	Batch - 27	KUDUMULA VIJAYA LAKSHMI		22761A1276	Lung Sound Classification with multi-Feature Integration utilizing Lightweight CNN Model	Mr. K. Rajasekhar	
		EARLA RAJA SWETHA		22761A12B6			
		BOPPUDI HARSHA VARDHAN		22761A1271			
		PATNALA PAVAN KUMAR		22761A12C7			
28	Batch - 28	ARIGE LASYA SRI		22761A1273	Multi-View Fruit Quality Assessment Using YOLO-Based Localization and Deep Ensemble Classification	Dr. D. Ratna Kishore	
		THIRIVEEDHI DURGA SHOBHAN		22761A1277			
		SAILENDHRA		22761A1295			
		BANAVATHU GOWTHAMI		23765A1209			
29	Batch - 29	BOTLA DEPIKA		22761A1268	Digital Shadow Sensor Framework for Time series Prediction through Data Segmentation and Clustering	Mr. M. Rajesh Reddy	
		KANCHERLA MOHANA VENKATA KRISHNA SAI		22761A1293			
		GEDELA LAKSHMANA RAO		22761A1291			
		AKULA SOMESH LAKSHMAN		22761A1293			
30	Batch - 30	TAMMINA SAI GEETANJALI		22761A1293	Fetal and Infant Health Prediction System	Dr. K. Phaneendra	
		JAKKI HARSHA VARDHAN		22761A12C5			
		KADARLA SATYAPRAKASH		22761A1291			
		KADARLA SATYAPRAKASH		22761A1293			
31	Batch - 31	A Novel Ant Colony- Based Genetic Neural Learning Model for Software Defect Detection		22761A1293	A Novel Ant Colony- Based Genetic Neural Learning Model for Software Defect Detection	Dr. G. Rajendra	

32	Batch - 32	MANNE SRAVANI JYOTHIRMAI	22761A12A8	Fake news detection	Mr. B. Bhanu Pratap Reddy	
		BEZAWADA BHARGAV KUMAR	22761A1274			
33	Batch - 33	PAMARTHI MOUNIKA	22761A12B5	Street Eye: A smart vision system for road surface monitoring	Dr. B. Srinivasa Rao	
		KODAVALLURI DHANUSH	22761A1299			
		MOHAMMED SOHAIL	22761A12B0			
		MOHAMMED FASAIL	22761A12C1			
		KETHEPALLI JAGADEESH	22761A1298			
34	Batch - 34	NAGULA LAKSHMI PRIYANKA	22761A12B1	AI-Based Cognitive Load Detection in Online Learning Using Webcam Eye Tracking and Head Pose Estimation	Mr. CH. Samba Siva Rao	
		SHAIK MUPPARLAPATI NADEEM	22761A12C2			
		ONTIPULI SATHWIKA	22761A12B3			
		YASAM SRI PAVANI	22761A12D2			
		TIRUMALASETTI JAYA MERY	22761A12C8			
35	Batch - 35	AKUTHOTA KARTHIK	22761A1269	Detecting Mental Disorders in Social Media Through Emotional Patterns-The Case of Anorexia and Depression	Mr. CH. Samba Siva Rao	
		JEEDIMALLA KRANTHI KIRAN	22761A1292			
36	Batch - 36	DUVVA S.N.KUSUMA HARANADH	22761A1286	Video-Driven Audio-Visual Deep Learning Framework for Robust Bird Species Identification	Mr. M. Vijay Kumar	
		DASARI ROHITH SAI	23765A1207			
		GANGADASU SOWJANYA	22761A1289			
37	Batch - 37	PONNAMMALA JASWANTH	22761A12B7	Autism Classification Using Vision Transformers on Facial Images	Mr. CH. Samba Siva Rao	
		AKKI STALIN BABU	22761A1267			
		MADUGULA VARSHITHA	22761A12A6			
		KUCHIPUDI INDRA SENA REDDY	22761A12A1			
		DASI SIDDHARDHIA	23765A1208			
38	Batch - 38	MEIDA SIRISHA	22761A12A9	Accident Severity Prediction and Risk Scoring at Postal Code Level Using Machine learning	Mr. M. Vijay Kumar	
		TALLURI ANAY KUNJAR	22761A12C4			
39	Batch - 39	NEMALIPURI VAMSI	22761A12B2	WAFinity: Advanced Application Firewall with Intelligent Threat Detection	Dr. K. Venu Gopal	
		KATTEKOLA SOMASEKHARA	22761A1297			
		KARTHIKEYA	22761A1283			
40	Batch - 40	CHITTHALURI VARDHAN	22761A1283	Privacy-preserving Threat Detection in Encrypted Network Traffic Using Metadata and Reinforcement Learning	Mr. B. Sarat Chandra	
		LAKKIREDDY TEJESWAR REDDY	22761A12A4			

41	Batch - 41	VUYURU SADHVIKA REDDY	22761A12D0	Driver Drowsiness Detection System using Convolutional Neural Networks (CNNs)	Mrs. M. Hemalatha	
		LAKKIREDDY PRABHU KIRAN REDDY	22761A12A3			
42	Batch - 42	DEVARAPALLI SUSHMA	22761A1285	A Hybrid Machine Learning System for Precise Forecasting of Agricultural Crop Prices	Mr. V. V. Krishna Reddy	
		PAMIDIPALA UMA BHARATHI	23765A1210			
43	Batch - 43	TALLA ARAVIND	22761A12C3	Bankruptcy predictions companies using financial Ratio's	Mr. B. Bhanu Pratap Reddy	
		CHIRUVOLU TEJASWI	22761A1282			
44	Batch - 44	BALUSUPATI VENKATA MOHAN	22761A1272	MMEFU-Net : A Mamba-Guided Multi-Encoder Fusion U-Net for Tumor Segmentation in CT Images	MR. CH.P. V. SRINIVASA RAO	
		CHITTOBOYINA MANIKANTA	22761A1284			
45	Batch - 45	CHINKA LAKSHMI TRIVEDA	22761A1281	AI Yoga Trainer: A Pose Detection- Based System for Real Time Yoga Posture Monitoring and Correction	Mr. G. Rajendra	
		KOPPULA SOWMYA	22761A12A0			
		KASIREDDY BRAHMA REDDY	22761A1296			
		GUDDURI MEENAKSHI	22761A1290			
		BUCHEPALLI SAI DEEPA	22761A1278			
		SEELAM VIKASINI	22761A12B9			

Project Coordinator

Mr. M Vijay Kumar

Project Co-ordinator

Mr. Ch Samba Siva Rao

HEAD OF THE DEPARTMENT

Dr. D Ratna Kishore