



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution –UGC, Govt.of India)

(Affiliated to JNTU, Hyderabad, Approved by AICTE - Accredited by NBA & NAAC – 'A' Grade - ISO 9001:2015 Certified) Maisammaguda, Dhulapally, Komapally, Secunderabad-500100, Telangana State, India.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

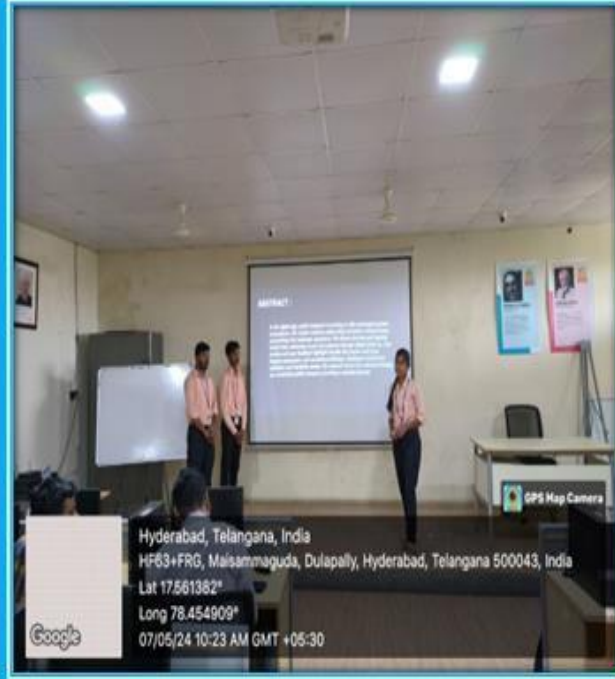
Name of the Activity: Projectbased Learning

Faculty Name: Ms.Bharathi

Participants: IV CSE

Academic Year: 2024-25

Project-based learning (PBL) is a teaching method that involves students working in groups to create real-world projects that demonstrate their knowledge and skills. Students learn by actively exploring real-world problems and challenges. Students design, develop, and construct solutions to problems, often in small teams. Students develop critical thinking and problem-solving skills, and learn how to adapt their knowledge to new situations. PBL is learner- centered , and instructors guide students rather than direct them. Students can work independently or collaborate, and can use Ed Tech and other tools.



SNO	BATCH NO	ROLLNO	STUDENT NAME	PROJECT TITLE	Supported POs	Supported PSOs
1	A1	21N31A0510	ANNAM SAI SHIVANI	Deep Fake Video Detection Using Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A0501	ABDUL RAHMAN			
		21N31A0534	BUTTI PAVAN KUMAR			
2	A2	21N31A0502	ACHINA SOUMYA	Satellite Image Classification using Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		22N35A0505	BANDARI RAMANJANEYULU			
		21N31A0556	EGOLAM RAHUL			
3	A3	21N31A0503	ADITYA KABIRAJ	Spammer Detection and Fake User Identification On Social Networks	PO1, PO2, PO3	PSO1, PSO2
		21N31A0562	G. CHARITHA			
		21N31A0537	CHANDRAGIRI PRAKASH BABU			
4	A4	21N31A0504	AFREEN UNNISA	Volume and Brightness Control using Hand Gesture	PO1, PO2, PO3	PSO1, PSO2
		22N35A0501	AENALA SRINATH REDDY			
		21N31A0566	GAINI DEEPAK			
5	A5	21N31A0505	AGGU SRAVANI	Scheduled Food Ordering System	PO1, PO2, PO3	PSO1, PSO2
		21N31A0531	BOLLU MOHAN CHANDRA			
		21N31A0565	GADMANPALLY SHASHIKANTH GOUD			
6	A6	21N31A0506	AMALLA PAVALIKA	Customer Churn Analysis Using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A0529	BODDUPALLY SAI			
		21N31A0547	DAGGUPATI VISHAL			
7	A7	21N31A0509	ANDHE SREE HARSHITHA	Sentiment Ananlysis Using Brut Model	PO1, PO2, PO3	PSO1, PSO2
		21N31A0515	BADUGU NAGASAI			
		21N31A0560	ESLAVATHA USHA SRI			
8	A8	21N31A0546	CHINTALA GAYATHRI	Crop Field Paddy Crop Disease Detection Using SVM and CNN Algorithm	PO1, PO2, PO3	PSO1, PSO2
		21N31A0511	ARUKALA BALRAJ			
		21N31A0519	BANOTH JANARDHAN			
9	A9	21N31A0516	BALLA RUSHESWAR RAO	Ecommerce Sales Analysis	PO1, PO2, PO3	PSO1, PSO2
		21N31A0552	DOTA NAGA SRI SAI			
		21N31A0526	GRANDHI BINDU			
10	A10	21N31A0518	BANDOJU SHIVA KUMAR	Graphical Password Authentication System Using Python	PO1, PO2, PO3	PSO1, PSO2
		22N35A0503	ALLADI ASHA KRANTHI			
		21N31A0539	CHAVITI VENKATA SAI HARSHITH			
11	A11	21N31A0521	BARMAVATH PRAVALLIKA	Cricket Data Analytics Using Power BI	PO1, PO2, PO3	PSO1, PSO2
		21N31A0550	DASARI VAMSHI REDDY			
		21N31A0561	G BHANU PRAKASH GOUD			
12	A12	21N31A0522	BEJAWADA VINAYGOPIKRISHNA	Sustenance Seeker	PO1, PO2, PO3	PSO1, PSO2
		21N31A0544	CHETTI AKASH			
		21N31A0535	BYATHALA SRILATHA			
13	A13	21N31A0513	AVVARU SREEKANTA VALLABESH	Indoor Navigation Using Augmented Reality	PO1, PO2, PO3	PSO1, PSO2
		21N31A0557	EMMADI MANASWINI			
		21N31A0558	EMMADI SAI PRAKASH REDDY			
14	A14	21N31A0530	BOLLI AKSHITHA	Personal Finance Tracker with OCR Receipts Scanning	PO1, PO2, PO3	PSO1, PSO2
		21N31A0514	B.ARAVIND			
		21N31A0554	DURGESH PRATAP SINGH			
15	A15	21N31A0542	CHENIMINI SIRI LAKSHMI	Deepgrip:Cricket Bowling Delivery Detection With Superior CNN Architecture	PO1, PO2, PO3	PSO1, PSO2
		22N35A0504	BADAVATH MADHU SRI			
		21N31A0548	MUPPA YASHWANTH KUMAR			
16	A16	21N31A0533	BURUGU MAHENDRA	Online Metro	PO1,	PSO1,

		21N31A0545	CHILIVERI BHAVANI	Origin usin ML	PO2, PO3	PSO2
		21N31A0555	E SIDDARTH LAL YADAV			
17	A17	21N31A0563	G K SAI SRI	An Efficient Post Quantum Attribute based Encyption Scheme based on Rank Metrics	PO1, PO2, PO3	PSO1, PSO2
		21N31A0527	BINGISHETTY SAI BHARADWAJ			
		21N31A0528	BODDU TEJA REDDY			
18	A18	21N31A0553	DURGAM KAVYA	Secure and Hassle-Free Electronic Voting Machine	PO1, PO2, PO3	PSO1, PSO2
		21N31A0541	CHELIMELA SRIJA			
		21N31A0524	BELLARI SUNITH ABHILASH			
19	A19	22N35A0502	AKINAPALLY AKHILA	Detection Of Dogs and DDoS Attacks Using Machine Learning Algorithms	PO1, PO2, PO3	PSO1, PSO2
		21N31A0540	CHELEMELA SAI SWASTHIKA			
		21N31A0517	BANDA PRACHOTTHAN REDDY			
20	A20	21N31A0549	DAPPU NISHITHA	Detection of Cyber Har-assers on Social Media	PO1, PO2, PO3	PSO1, PSO2
		21N31A0508	ANDE CHETHAN			
		22N35A0506	BANOTH TEJASWI			
21	A21	21N31A0538	CHANDRAGIRI ROHITH	Accident Detection Using Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A0523	BELLAMKONDA BABY SREE			
		21N31A0559	EPPA KOUSHIK REDDY			
22	A22	21N31A0551	DONTARABOINA SHRAVYA	Enabling Trust and Privacy Preseving E-KYC using Blockchain	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A0532	BONGARALA MAHENDER			
		21N31A0520	BANOTHU GOPI			
23	A23	21N31A0543	CHERUKU GAYATHRI	StreamLit Powered YouTube Data ware House	PO1, PO2, PO3	PSO1, PSO2
		21N31A0536	BYROJI VAISHNAVI			
		21N31A0507	AMARAVATI SASANK			
24	A24	21N31A0564	GADDAM SRI HARSHITH GOUD	Health Care Analytics Dashboard Using Power BI	PO1, PO2, PO3	PSO1, PSO2
		21N31A0512	AVUSALI ABHILASH			
		21N31A0525	BHAMANNAPALLI VAISHNAVI			
1	B1	21N31A05D1	MAADHAMSHETTY KEERTHANA	Autism diagnosis using Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05C6	L.PRIYANKA			
		21N31A0567	GANDI GOUTHAMI			
2	B2	21N31A0570	GARIMELLA LAKSHIMI SRAVANI	Air Quality Analysis and prediction using Machine Learning	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A0575	GONDI CHANDANA			
		21N31A05C2	KUNCHALA SHARANYA			
3	B3	21N31A0592	K VAISHNAVI CHOWDARY	Classification of Arrhythmia using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A05A3	KANNURU SWATHI			
		22N35A0509	GANGAPURAM NANDINI			
4	B4	21N31A05B4	KONDAM VAMSHIDHAR REDDY	Cognitive Traffic Optimiza-tion using Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A0573	GOLLA SHRIMAYI			
		21N31A05B5	KONDI PAVAN			
5	B5	21N31A05C5	KYADAM PRADEEP	Signature Verification System Using CNN	PO1, PO2, PO3	PSO1, PSO2
		21N31A05C7	LEKKALA MANIKANTA REDDY			
		22N35A0512	HEDENOLU RAVI KUMAR			
6	B6	21N31A0577	GOPPANOLLA CHARVIK REDDY	Human emotion detection system using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		22N35A0508	ENDAPALLY RANITH REDDY			
		21N31A0578	GORRE POORNA CHANDRA			
7	B7	21N31A0594	KADARI SRITEJA	Protecting Personal Health	PO1,	PSO1,

		21N31A0595	KADUDULA ANUSHA	Care Records Using Block-chain	PO2, PO3, PO5, PO7	PSO2, PSO3
		22N35A0507	BOMMAGONI PRATHYUSHA			
8	B8	21N31A05D0	M AMAN SHAH	Blockchain based Crowdfunding Platform	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05A8	KOLANU SAI KRISHNA			
		21N31A05A5	KELOTH GURUNATH			
9	B9	21N31A0579	GOTTAM SAI CHARAN REDDY	FOODIES SPOT WITH DATA SCIENCE	PO1, PO2, PO3	PSO1, PSO2
		21N31A0583	H PRIJWAL REDDY			
		21N31A0589	JANGAM HARSHITH KUMAR			
10	B10	21N31A05B1	KOMMOJU LAKSHMAN CHARAN TEJA	ALTERING USER RECOMMENDATIONS USING GENERATIVE-AI	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A0591	K S NITIN			
		21N31A05C9	M VAMSHI			
11	B11	21N31A0576	GOPASI OMKAR	Lip Reading using Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A0584	BHOOMIREDDY HARSHAVARDHAN REDDY			
		21N31A05B6	KOPPULA ABHISHEK			
12	B12	21N31A05B7	KOPPULA PRANITHA	Real-time Analytics Dashboard using Websockets	PO1, PO2, PO3	PSO1, PSO2
		21N31A05A2	KANKARA SAI VISHNU VARDHAN REDDY			
		22N35A0511	GUNDU VAMSHI			
13	B13	21N31A05C0	VYTALA VENKATA SAI SACHIN	Real time alimony prediction using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A05C8	LODE HEMANTH GOUD			
		22N35A0510	GUNDA GOWTHAM			
14	B14	21N31A0587	J RAJU	Satellite Images Classification using Pretrained Models	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A0569	GARA SUMANTH			
		21N31A05A6	KETHAVATH VIVEK			
15	B15	21N31A0582	GUTPE VARSHITH	Intelligence video surveillance using Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05B0	KOMIRE KARTHIK			
		21N31A0580	GOUNDLA PAVAN KUMAR GOUD			
16	B16	21N31A0572	GOLLA PAVANI	Child Safety And Alert Response using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A0588	JAJAPURAM ANJALI			
		21N31A05B3	KONA BHAVYA KRISHNA			
17	B17	21N31A05B8	KOTHAKANTI SAI SHREEYA	MUSIC RECOMMENDATION SYSTEM USING FACIAL EXPRESSION USING DEEP LEARNING	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A0581	GUDIKANDULA YASHWANTH			
		21N31A0598	KALUKURI HEMIMA			
18	B18	21N31A05A1	KANKANTI MANOHAR REDDY	Automatic CO2 insights of vehicles using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A0574	GOLLAPALLI CHANDRA SIDDARTHA			
		21N31A0590	JILKARI ASHWANTH KUMAR			
19	B19	21N31A05A9	NAMA SRAVANI	PHOTO REVIVAL USING DEEP LEARNING	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05C3	KURVA SWATHIKA			
		21N31A0571	GARIPALLI SUPRIYA			
20	B20	21N31A05A7	KODALI NITHIN PRAKASH	SIGN LANGUAGE INTERPRETER - USING LSTM	PO1, PO2, PO3	PSO1, PSO2
		21N31A05D2	MADIRAJU SHIVA			
		21N31A0597	KALLURI SATHVIKA			
21	B21	21N31A0599	KANDULA SRIKEERTHI	INSTANT MESH	PO1,	PSO1,

		21N31A0585	HARSHITHA KHOKHOLAY	3D:EFFICIENT SINGLE IMAGE 3D MESH GENERATION	PO2, PO3	PSO2
		21N31A0593	KADAMOLLA ISHWARYA			
22	B22	21N31A05C1	KUMMARI ANJALI	NETWORK AND HOST INTRUSION DETECTION SYSTEM USING DEEP LEARNING	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05C4	KUSA POOJITHA PATEL			
		21N31A05B9	KUCHINA NEELIMA			
23	B23	21N31A0586	JALARI MAHESH	Disease Prediction and Consultation Platform using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A0596	KAILA DILEEP SHANKAR SRINIVAS			
		21N31A0568	GANGULA TEJA BHANU PRAKASH			
24	B24	21N31A05A0	KANDULA V UMA DEEKSHITH REDDY	BLOCKCHAIN - POWERED PRODUCT AUTHENTICATION	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05A4	KANUBOJJI VENKAT SRIRAM			
		21N31A05B2	KOMURAVELLI RAKESH			
1	C1	21N31A05J3	PINJARI RIYAZ	Land registration systems using block chain	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05D4	MALKAPURAM SRINIVAS			
		21N31A05J1	PERUMANDLA SRUJAN KUMAR			
2	C2	21N31A05D5	MALLIPADHI JAYANTH	AI Interior Design	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		22N35A0518	KUMMARI MAHENDER			
		21N31A05D3	MAHAMMAD SADDAM			
3	C3	21N31A05D8	MANDAVILLI SSV MARUTHI RAHUL	Secure data storage of IOT network using block chain	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05D6	MANDA VARUN REDDY			
		21N31A05E8	MOHAMMED ABDUL SOFIYAN			
4	C4	21N31A05D9	MANOJ KOMMOJU	Detecting Mental disorders in Social Media through emotional patterns	PO1, PO2, PO3	PSO1, PSO2
		21N31A05H6	PATEL ADHITYA REDDY			
		21N31A05H5	PASANADHI SUBHASH			
5	C5	21N31A05K8	PUVVADI SRIRAM	Image foregery detection through fusion of light weight using deep learning models	PO1, PO2, PO3, PO5	PO1, PO2, PO3, PO5
		21N31A05E0	MARINGANTI ABHIJITH			
		21N31A05D7	MANDAPATI RAMESH			
6	C6	21N31A05E1	MASKURI ANIL	Robust pedestrian detection for autonomous driving vehicles using visual and radar information	PO1, PO2, PO3	PSO1, PSO2
		21N31A05F4	N.V.SAKETHRAM			
		22N35A0517	KOMPELLI VARUN			
7	C7	21N31A05E2	MAYMULA SANTOSH REDDY	Educational certificate verification and validation using Block-chain	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05H8	PATHLOTH SANTHOSH			
		21N31A05H0	PAKA SRIKANTH			
8	C8	21N31A05E5	MODINI VIVEK KUMAR	Job portal using MERN stack	PO1, PO2, PO3	PSO1, PSO2
		22N35A0514	KANDAGATLA RAJU			
		21N31A05K4	PUPPALA VENKATESH			
9	C9	21N31A05G1	NENAVATH SRIDHAR	Smart tender/contract management system using block chain	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05G4	NIMMATURI VENKATA KRITHIK			
		21N31A05E4	MEKALA VENU YADAV			
10	C10	21N31A05E9	MOTUPALLI SRIVANI	A Virtual Health Expert Website for Multi-Health Diagnosis with medication	PO1, PO2, PO3	PSO1, PSO2
		21N31A05K7	PUTTA VARSHITHA			
		21N31A05K0	PULI NAVYA			
11	C11	21N31A05F2	MUKESH PAUL	Smart Contact Manager	PO1,	PSO1,

		21N31A05H4	PARVATHI VAMSHI KRISHNA YADAV		PO2, PO3	PSO2
		22N35A0515	KETHURI SATHISH			
12	C12	21N31A05F6	NAGIREDDY GEERVANI	Block chain based electronic well being records management	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		22N35A0513	JADHAV KALYANI			
		21N31A05F9	NARAN ANUSHA			
13	C13	21N31A05G2	NERELLA DHEERAJ KUMAR	Vehicle tracking using Driver's Mobile GPS tracker	PO1, PO2, PO3	PSO1, PSO2
		21N31A05J2	PILLI SAI CHARAN			
		21N31A05E3	MD ARBAAZ HUSSAIN			
14	C14	21N31A05G3	NIMMAGADDA SRIRAMKOWSTHUBH	CLEAR CHECK: Efficient Plagiarism Detection	PO1, PO2, PO3	PSO1, PSO2
		21N31A05G0	NEERADI SUMANTH SAGAR			
		21N31A05K6	PURUSHOTHAM KUMAR SINGH			
15	C15	21N31A05G5	NITHYA REDDY SINGI REDDY	Image Forgery detection based on fusion of lightweight deep learning models	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05K3	PUPPALA SRIVANI			
		21N31A05F8	KOLU RAKSHITHA			
16	C16	21N31A05G6	NUTHI PRAGNA	AI based proctoring system for online assessment	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05F5	NAGIDI ANJALI			
		21N31A05J6	POLEPAKA NAVYA			
17	C17	21N31A05G9	P VARSHITHA	Securely enhancing network traffic analysis for privacy efficiency and verification	PO1, PO2, PO3	PSO1, PSO2
		21N31A05G7	P ASHWINI			
		21N31A05H2	PANEM POOJA			
18	C18	21N31A05H1	PAMBA SAI DARSHINI	Fine Tuning a Vision Language Model For Image Captioning In Telugu	PO1, PO2, PO3	PSO1, PSO2
		22N35A0516	KILARU INDU			
		21N31A05F0	MUDAVATH PRIYANKA			
19	C19	21N31A05H9	PATHURI SAI PRIYA	Developing an automated system for skin disease detection and classification using AI	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05K1	PULLURI BHAVITHA SRI			
		21N31A05F1	MUDHANGULA ALEKHYA			
20	C20	21N31A05J0	PEDAPUDI HAMBICA	Floods protection and mangement in Indian coastal areas	PO1, PO2, PO3	PSO1, PSO2
		21N31A05K2	PUNDLA POOJITHA			
		21N31A05K5	PURELLA SHIRISHA			
21	C21	21N31A05J9	PULAVARTHI MANOJ KUMAR	Creating multi-colored light using Arduino	PO1, PO2, PO3	PSO1, PSO2
		21N31A05J8	POTHUGANTI YUGESHWAR			
		21N31A05F7	NALLA ABHINAV			
22	C22	21N31A05J7	POTHANABOINA THARUN KUMAR	Real time vehicle speed detection and automated traffic challan issuance	PO1, PO2, PO3	PSO1, PSO2
		21N31A05G8	P BHARATH			
		21N31A05E6	MOHAMMAD IZHAN AWAIZ			
23	C23	21N31A05J5	POLAMPALLI NAVEEN	Augmented Reality Using Camera For Object Detection	PO1, PO2, PO3	PSO1, PSO2
		21N31A05E7	MOHAMMED ABDUL MOID			
		21N31A05H7	PATHAMEKALA VARUN REDDY			
24	C24	21N31A05J4	POKKULA MAHESH	Resampling Techniques for Enchanced Network Slice Classification in 5G Network.	PO1, PO2, PO3	PSO1, PSO2
		21N31A05F3	MYLABATHULA RATNA TEJ			

1	D1	21N31A05L3	RAGHUNAYAKULA JAYADEEPIKA	Truthlens: Multimodal De- tection For Social Media With Deep Learning And Fasttext	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05N5	SRIGADHA KARTHIK			
2	D2	21N31A05M2	SAMBARU SRINATH	Road Extraction from Satel- lite Images Using Gated Fusion and Dual Attention Mechanism	PO1, PO2, PO3	PSO1, PSO2
		21N31A05K9	R SURENDAR			
3	D3	21N31A05P8	UPPU SINDHUJA	Intelligent Crime Forecast- ing with Advanced LLM Integration for Proactive Law Enforce- ment.	PO1, PO2, PO3	PSO1, PSO2
		21N31A05M1	SALOORA VAIBHAV			
		21N35A0501	ANUMOLU MANINDRA			
4	D4	21N31A05Q1	VADRANAPU JYOTHI	Healthtech Navigator using machine learning algorithms	PO1, PO2, PO3	PSO1, PSO2
		21N31A05M8	SATWIK SAMRAT			
		21N31A05L2	RACHINENI TEJA			
5	D5	21N31A05P9	UPPULETI SANKEERTHANA	Anomaly Detection in ADS- B Systems Using Machine Learning and Deep Learning Techniques for Enhanced Aviation Surveillance	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		22N35A0523	SHAIK RUBEENA			
		21N31A05Q5	VANGALA ESHWAR CHANDRA REDDY			
6	D6	21N31A05M3	SAMINENI RAMA KRISHNA	Vehicle parking lot detec- tion and monitoring system using machine learn- ing and openCV	PO1, PO2, PO3	PSO1, PSO2
		21N31A05L7	RANABOTHU CHARAN VIKAS REDDY			
		21N31A05P3	TALARI JAYAWANTH RAO			
7	D7	21N31A05P7	UGGU HARI CHANDANA	Retail analytics using Azure and PowerBI	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		22N35A0526	VANGA SRUTHI			
		21N31A05R4	WALI RAHUL			
8	D8	21N31A05Q7	VEERABATHINI AKHIL	Cloud Based Online Blood Donation system using GPS.	PO1, PO2, PO3	PSO1, PSO2
		21N31A05N8	SURAVARAPU ASHOK			
		21N31A05L1	RACHAMALLU SANDEEP KUMAR REDDY			
9	D9	21N31A05N4	SRI RAMULA GOWTHAM	A searchable and verifiable data protection scheme for scholar- ly big data	PO1, PO2, PO3	PSO1, PSO2
		21N31A05P1	SYED FAROOKH			
		21N31A05N7	SURAM SRI HARSHA			
10	D10	21N31A05N0	SHAIK KHADHAR BASHA	Secure ATM-Banking Sys- tem through Facial recognition tech- niques and features based on Deep learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05R1	VEMPATI JOHN WESLY			
		21N31A05R5	YAMANI PRANEETHA			
11	D11	21N31A05R0	VELDHI SHARANYA	Detecting Side Effects of Adverse Drug Reactions Through Drug-Drug Interactions Using Graph Neural Net- works and Self-Supervised Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A05R3	VUCHA DURGA SRI KRISHNA			
		21N31A05R8	YERRABOINA YOGESH			
12	D12	22N35A0524	TADISHETTY AKSHAYA	Leaf pathology forecasting using deep learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		22N35A0521	NARAGONI NIHARIKA			
		21N31A05R7	YATAKARI MANASA			

13	D13	21N31A05M7	SANGEETHA KUMARI	Blockchain based organ donation and transplantation	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05Q8	VEERAGANDHAM HARSHITHA			
		21N31A05L8	ROTHVAN MOON SINGH			
14	D14	21N31A05M5	SANAGA PRAVALIKA	An implementation of blockchain technology in forensic evidence management.	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05Q4	VALLEPU MANIKANTA			
		20N31A0572	G. LOHITH VARMA			
15	D15	21N31A05N3	SINGAREDDY JEEVANN TEJA REDDY	Improving Phishing Detection: A New Hybrid Deep Learning Approach for Cybercrime Forensics and Prevention	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05N6	SUMITH KUMAR SINGH			
		21N31A05N2	SHANMUGAVELU NAVINKUMAR			
16	D16	21N31A05P2	SYED M TYEEB KHADRI	CHARACTERIZING AND PREDICTING EARLY REVIEWERS FOR EFFECTIVE PRODUCT MARKETING ON E-COMMERCE WEBSITES	PO1, PO2, PO3	PSO1, PSO2
		21N31A05L6	RAMAVATH NAVEEN			
		21N31A05R2	VISLAVATH DEEPIKA			
17	D17	21N31A05M6	SANGANI HEPSIBA	Integrated Lane and Object Identification for Autonomous Vehicles using ML Techniques	PO1, PO2, PO3	PSO1, PSO2
		22N35A0525	THATIKONDA PRASHANTH REDDY			
		22N35A0519	MOHAMMED ADILAHMED			
18	D18	21N31A05Q2	VAKKANTHULA BHARATH	Virtual Trial Rooms using OpenCV	PO1, PO2, PO3	PSO1, PSO2
		22N35A0520	NANDHAGIRI KALYAN RAM			
		21N31A05M0	SADHU ABHISHEK RAJ			
19	D19	21N31A05Q0	VADLA SAI SRIYA	Intruder Detection using Machine Learning	PO1, PO2, PO3	PSO1, PSO2
		21N31A05Q9	VEERAMACHANENI ARVIND			
		21N31A05M9	SHAIK ABDUL GAPHOOR			
20	D20	21N31A05Q3	VALABOJU NITHIN KUMAR	Blockchain-Assisted Geospatial Web Service for Smart Healthcare System	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05P0	SWAYAMPAKALA V S SOMA SEKHARAM			
		21N31A05R6	YANNAM CHARAN BABU			
21	D21	21N31A05N9	SUTRAYE ALEKHYA	voice based email system with asymmetric cryptography using AI and nlp	PO1, PO2, PO3, PO5, PO7	PSO1, PSO2, PSO3
		21N31A05Q6	VANGALAPUDI PAVAN TEJA			
		22N35A0522	PALLEPU AJAY			
22	D22	21N31A05L5	RAMAVATH DIVYA	Evasion Attacks And Defense Mechanisms For Machine Learning-Based Web Phishing Classifiers	PO1, PO2, PO3	PSO1, PSO2
		21N31A05L0	RACHAKONDA BHARADWAJ			
		21N31A05L9	S.PRABHAS VARMA			
23	D23	21N31A05L4	RAJANALA TARUNI	Secure Federated Threat Monitoring with Blockchain and Deep Learning	PO1, PO2, PO3, PO5	PSO1, PSO2, PSO3
		21N31A05P6	THUMMAGANTI JAYANTH NAIDU			
		21N31A05P4	THADISINA AJAY			

Outcomes:

1. Enhanced Critical Thinking and Problem-Solving Skills.
2. Improved Communication and Collaboration Skills.
3. Development of Real-World Skills.