



**VIGNAN INSTITUTE OF TECHNOLOGY AND
SCIENCE, DESHMUKHI**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI&ML)

AY: 2023-2024

REPORT

ON

“REAL-TIME RESEARCH PROJECT”

B. TECH II YEAR II SEMESTER A & C SECTIONS

Coordinator: Mr. K. MANIRATHNAM BABU

Designation: Assistant Professor



VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi Village, Pochampally Mandal, Yadadri Bhuvanagiri Dist.

(Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad)

AN AUTONOMOUS INSTITUTION



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI & ML) REAL-TIME RESEARCH PROJECT(RTRP) BATCHES

B.TECH YEAR: II SEMESTER: II

SECTION: MINSKY

BATCH NO	ROLL NO	PROJECT TITLE	PROJECT GUIDE
1	22891A6602	Student-Mental-Health-Analysis	Dr. J.R.V. Jeny
	22891A6601		
	22891A6624		
2	22891A6608	Craftify -a do it yourself academy	Dr. K. Rama Krishna Reddy
	22891A6647		
	22891A6655		
3	22891A6656	An AI-powered Interior Design Assistant	Mr. B. Siva Kanaka Raju
	22891A6643		
	22891A6636		
4	22891A6657	SmartStyle: Personalized Outfit Recommendation System Using Image Analysis	Mr. K. Manirathnam Babu
	22891A6654		
	22891A6611		
5	22891A6664	Advance Attendance Portal For Vignan College	Dr. J.R.V. Jeny
	23895A6606		
	22891A6650		
6	22891A6609	Video Based Fire Detection	Mr. R. Praveen Kumar
	22891A6622		
	22891A6631		
7	22891A6663	Learning Disability Detector and Classifier System	Mrs. M. Vineela
	22891A6615		
	22891A6626		
8	22891A6639	Signature Attestation Using Modified Direction Feature	Ms. B. Mounika
	22891A6652		
	22891A6620		
9	22891A6660	AI Business Genie Chat	Mr. R. Praveen Kumar
	22891A6618		
	22891A6625		
10	22891A6621	Advanced Firearm Recognition and Threat Assessment System Using Python	Mr. P.M. Naidu
	22891A6628		
	22891A6627		
11	22891A6610	Mental health bot	Mr. R. Praveen Kumar
	22891A6642		
	22891A6617		
12	22891A6659	Data Leakage Detection	Mr. R. Praveen Kumar
	22891A6603		
	22891A6637		
13	22891A6646	Speech emotion analyzer	Mr. M. Mahesh
	22891A6619		
	22891A6633		
14	22891A6607	Accident Detection Using CNN Model	Mrs. M. Vineela
	22891A6612		
	22891A6604		

BATCH NO	ROLL NO	PROJECT TITLE	PROJECT GUIDE
15	22891A6644	Voice Based Email for Visually Challenged	Mr. P.M. Naidu
	22891A6629		
	22891A6605		
16	22891A6661	Automated Signature Authentication for Secure Transactions	Mr. P.M. Naidu
	22891A6648		
	22891A6613		
17	22891A6662	Certificate Validation Using Qr Code	Mr. R. Praveen Kumar
	22891A6653		
	22891A6616		
18	22891A6632	Smart Home Surveillance	Mr. K. Manirathnam Babu
	22891A6640		
	22891A6630		
19	22891A6645	Toilet Finder	Mr. R. Praveen Kumar
	22891A6638		
	23895A6601		
20	22891A6634	AI-Digital Content Maestro (for content creators)	Mr. K. Manirathnam Babu
	22891A6614		
	23895A6602		
21	22891A6606	Image Zooming Analysis using Hand Gestures	Mr. K. Manirathnam Babu
	22891A6641		
	23895A6603		
	22891A6649		
22	22891A6623	Dynamic Livestock Quantification Using YOLOv8 And OpenCV : A Sheep Counting Solution	Mrs. M. Vineela
	22891A6635		
	23895A6604		
	23895A6605		

COORDINATOR

HOD-CSE(AI & ML)



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI & ML) REAL-TIME RESEARCH PROJECT(RTRP) BATCHES

B.TECH YEAR: II SEMESTER: II

SECTION: ANDREWS

BATCH NO	ROLL NO	PROJECT TITLE	PROJECT GUIDE
1	22891A66J2	Detection Of Fake And Clone Accounts In Social Media	Dr. J.R.V. Jeny
	22891A66I8		
	22891A66G7		
2	22891A66C9	Educational Performance Dashboard	Dr. K. Rama Krishna Reddy
	22891A66F5		
	22891A66H4		
3	22891A66G8	Vehicle Speed Estimation using Deep Learning	Mr. R. Praveen Kumar
	22891A66J3		
	22891A66H8		
4	22891A66I3	FashionMate: Your Virtual Stylist for Effortless Fashion Decisions	Mr. M. Mahesh
	22891A66H2		
	22891A66I2		
5	22891A66D7	Waste Food Management	Mr. K. Manirathnam Babu
	22891A66H7		
	22891A66G9		
6	22891A66F0	Enhancing Text Quality: Leveraging Machine Learning and NLP for Advanced Autocorrection	Mrs. M. Vineela
	22891A66E6		
	22891A66H9		
7	22891A66G2	Irresponsible Driver Detection	Ms. B. Mounika
	22891A66G3		
	22891A66F4		
8	22891A66F8	Exam Hall Monitoring using OpenCV	Mr. P.M. Naidu
	22891A66D4		
	22891A66I4		
9	22891A66G0	Automated Pickpocketing Detection System	Mr. B. Siva Kanaka Raju
	22891A66E8		
	22891A66E3		
10	22891A66F6	College Placement System	Dr. K. Rama Krishna Reddy
	22891A66I7		
	22891A66G4		
11	22891A66I0	Development of an Advanced Desktop Voice Assistant with NLP and OpenAI Integration	Mr. R. Praveen Kumar
	22891A66H5		
	22891A66J1		
12	22891A66E9	Voice Based Email System For Visually Challenged	Mr. M. Mahesh
	22891A66D6		
	22891A66H0		
13	22891A66D0	Visual Cryptography Doing with QR Code Analysis	Mr. K. Manirathnam Babu
	22891A66H1		
	22891A66I1		
14	22891A66F1	Human Scream Detection and Analysis for Controlling Crime Rate	Mrs. M. Vineela
	22891A66I9		
	22891A66E2		

BATCH NO	ROLL NO	PROJECT TITLE	PROJECT GUIDE
15	22891A66D9	Information Hiding Using Steganography	Ms. B. Mounika
	22891A66G6		
	22891A66I5		
16	22891A66D3	Pupil Progress Management	Mr. P.M. Naidu
	22891A66F2		
	22891A66E1		
17	22891A66D1	Automatic Questions Tagging System Using NLP	Mr. B. Siva Kanaka Raju
	22891A66F9		
	22891A66D2		
18	22891A66E5	Optimizing Urban Waste Collection: Arduino-Powered Smart Dustbins	Dr. K. Rama Krishna Reddy
	22891A66D8		
	22891A66H6		
19	22891A66H3	Realtime Object Detection and Tracking using YOLOv8	Mr. R. Praveen Kumar
	22891A66E0		
	22891A66J0		
20	22891A66E7	LinguaPro: Elevating Language Proficiency	Mr. M. Mahesh
	22891A66F7		
	23895A66I4		
21	22891A66G5	Image Processing Based Fire Detection using Open CV	Mr. K. Manirathnam Babu
	22891A66D5		
	23895A66I5		
22	22891A66I6	Contour Line Detection By Open CV	Mr. B. Siva Kanaka Raju
	22891A66E4		
	23895A66I6		
23	22891A66F3	Composite Face Synthesis Using Open CV and Python	Ms. B. Mounika
	22891A66G1		
	23895A66I7		

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