



ADITYA COLLEGE OF ENGINEERING

(UGC-Autonomous Institution)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

Madanapalle -517325, Annamayya Dist., A.P. www.acem.ac.in



Statement of Academic Supervision and Mentorship

Project Supervisor and Academic Guide Ms. Jahnvi Somaraju Assistant Professor, Artificial Intelligence & Data Science		
S.No	Title of the Project	Name of the Student
1	Social Media Comment Sentiment Analysis Using NLP, Automated Literary Genre Classification System	AISWARYA YENUGONDA
2	AI-Based Personalized Recipe Generation System	B HEMAVATHI
3	Neural Machine Translation System for Multilingual Communication, Intelligent Legal Document Summarization Using NLP	BANDI DIVYA
4	Automated Web Data Extraction and Scraping System	BANDI LOHITHA
5	Neural Machine Translation System for Multilingual Communication, Intelligent Legal Document Summarization Using NLP	C JESHNAVI
6	AI-Driven Debate Assistant for Argument Generation and Analysis, Music Mood Classification Using Audio Signal Processing and ML	CHIVAKULA VENKATA NAGA SAI JAGRUTHI
7	AI-Assisted Code Debugging and Error Explanation System, AI-Based Automated Customer Support Chatbot	CHOWDAM NANDA KISHORE
8	Smart Email Classification and Prioritization System, AI-Powered Automated Meeting Minutes Generator	DERANGULA PAVANI

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9	Automatic Report Generation System, AI-Based Keyword Extraction and Topic Identification Tool	DEVAPATLA RAMYA SRI
10	Personalized Movie Recommendation System Using Machine Learning, Intelligent Clinical Decision Support System	EKKALURI BHAVYASREE
11	Automatic MCQ Generation System from Educational Text, AI Study Assistant Chatbot for Educational Websites	G MANIL KUMAR
12	AI-Driven Fake News Detection and Verification System	GUDI JAYA SINDHU
13	Context-Aware Emotion Recognition in Textual Data, Conversational AI for Intelligent Product Comparison	GUNTA GAYATRI
14	Intelligent Document Question Answering System, Legal Document Question Answering and Agreement Error Detection Using NLP, Voice-Controlled Virtual Assistant Using Machine Learning	JAYASREE PUJARI
15	AI-Based Personalized Recipe Generation System	K PAVAN SAI RAM
16	AI-Powered Resume Screening and Shortlisting System, Social Media Comment Sentiment Analysis Using NLP	KAMBAM LAKSHMIKAR REDDY
17	AI-Based Lecture Transcription and Intelligent Summarization Tool, AI-Driven Fake News Detection and Verification System	MANVITHA INDUKURU
18	Automated Counterfeit Product Detection System, AI-Driven Demographic Age Prediction from Social Media Content, Intelligent Clinical Decision Support System	MEENHAZ VEMPALLI

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19	Smart Email Classification and Prioritization System, Social Media Comment Sentiment Analysis Using NLP	NOOR SHAIK PARVEZ ZAMA
20	Social Media Comment Sentiment Analysis Using NLP	P ANJUMA
21	Intelligent Dictionary and Vocabulary Learning Assistant, Emotion-Aware Virtual Mental Health Assistant	P HEMANTH
22	Context-Aware Question Answering System Using NLP, Conversational Text Summarization System	P MUSKAN SULTHANA
23	AI-Driven Demographic Age Prediction from Social Media Content, Automated Interview Transcript Analysis and Insight Extraction	PALLAVI PURAM
24	Smart Complaint Classification and Routing System, Student Stress Detection and Mental Well-being Analysis Using AI, Retinal Eye Disease Detection Using Deep Learning on Fundus Images	POOLASETTI VAMSHI
25	Intelligent Dictionary and Vocabulary Learning Assistant	R ARSHIYA AMEENA
26	Social Media Comment Sentiment Analysis Using NLP	RMD HURIYA KHANAM
27	Video Subtitle Generator System, Automated Interview Transcript Analysis and Insight Extraction	S SADIYA
28	Context-Aware Emotion Recognition in Textual Data, Personalized Movie Recommendation System Using Machine Learning	S SANIA
29	Conversational Text Summarization System	S MANOJ



30	Healthcare Big Data Analytics for Disease Prediction	SAFIUN MUSTAQEEM
31	Advanced Sarcasm and Irony Recognition Engine, AI-Powered Marketing Copy Generation Platform, Cyberbullying Detection and Prevention System, Neural Narrative Completion Engine	SAMIDISETTI REDDI SRILEKHA
32	Advanced Sarcasm and Irony Recognition Engine, AI-Powered Marketing Copy Generation Platform, Cyberbullying Detection and Prevention System, Neural Narrative Completion Engine	THANNURI MOUNIKA
33	Video Subtitle Generator System	SHAIK HUMERA FATHIMA
34	AI-Based Smart Hiring and Candidate Screening System	SHAIK SANIYA
35	Automated Essay Evaluation and Grading System Using NLP, Automatic Report Generation System	SHAIK TASMIYA KOWSAR
36	Smart Agriculture Crop Stress Detection Using Big Data Analytics, AI Virtual Assistant for College Inquiry Management	SREELAKSHMI
37	MediGo: Intelligent AI-Powered Healthcare Assistance Platform, Personalized Movie Recommendation System Using Machine Learning	SYED ALTHAF HASSAIN
38	Intelligent Document Question Answering System, Brand Sentiment Analysis of Apple and Google Using Twitter Data, Full-Stack Portfolio Website Using React and Node.js, Cyberbullying Detection and Prevention System	V ROHINI

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39	AI-Based Automated Patent Document Summarization System, Smart Complaint Classification and Routing System	VARADA SAISANJEEV
40	Intelligent Document Question Answering System, Multilingual Sentiment Analysis with Model Trade-off Benchmarking	SANNU ARSHI
41	Intelligent Document Question Answering System, Neural Machine Translation: Training, Evaluation, and Performance Benchmarking, Real-Time Weapon Detection System Using Computer Vision and Python	N MAMATHA
42	Intelligent Document Question Answering System, Neural Machine Translation: Training, Evaluation, and Performance Benchmarking, Real-Time Weapon Detection System Using Computer Vision and Python	P R S GANESH
43	Intelligent Document Question Answering System, AI-Based X-Ray Image Deblurring and Enhancement System	N JOSHITHA
44	Intelligent Document Question Answering System, Voice-Enabled Semantic Search Engine Using Natural Language Processing,	J HEMAVARSHINI
45	MediGo: Intelligent AI-Powered Healthcare Assistance Platform, Personalized Movie Recommendation System Using Machine Learning	P BHANU PRAKASH
46	MediGo: Intelligent AI-Powered Healthcare Assistance Platform	G TEJESH REDDY
47	Intelligent Document Question Answering System	B HARSHA VARDHAN
48	Intelligent Document Question Answering System	P KUNDHAN KUMAR



49	Knowledge-Augmented Document Question Answering Over Unstructured Data, Personalized Movie Recommendation System Using Machine Learning, Real-Time Object Detection System Using Deep Learning	MOGAL THOUSIF BAIG
50	Knowledge-Augmented Document Question Answering Over Unstructured Data, Personalized Movie Recommendation System Using Machine Learning, Real-Time Object Detection System Using Deep Learning	MALKARI NAGESH
51	Knowledge-Augmented Document Question Answering Over Unstructured Data, Personalized Movie Recommendation System Using Machine Learning, Real-Time Object Detection System Using Deep Learning	S M MUSTAFAH
52	Face Mask Detection System Using Computer Vision, Personalized Movie Recommendation System Using Machine Learning	SHAIK MOHAMMED AMAAN
53	Face Mask Detection System Using Computer Vision, Personalized Movie Recommendation System Using Machine Learning	P RAYAN KHAN
54	Intelligent Document Question Answering System, Heart Disease Prediction System Using Machine Learning	P REDDY BHAVYA
55	Healthcare Big Data Analytics and Brand Sentiment Analysis Platform	GNANESH YADAV
Scope of supervision includes problem formulation, project approval, methodology validation, periodic reviews, and final evaluation.		