



VIDYA JYOTHI

INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION

(Accredited by NAAC & NBA, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH)
Aziz Nagar Gate, C.B. Post, Hyderabad-500 075

Department of Information Technology

MAJOR PROJECT ABSTRACT

1. Title : AI-powered Legal Research Assistant with Retrieval-Augmented Generation for Indian Law
2. Class & Semester : IV- I
3. Academic Year : 2024-25
4. Batch Number : 20

S. No.	Student Name	Hall Ticket No.
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5. Organization / Place : VJIT
6. Domain : GenAI
7. Internal Guide : Mr.K.Mallikarjuna Rao

Abstract

This project develops an AI-powered Legal Research Assistant tailored for Indian law, simplifying access to judgments and statutes through Retrieval-Augmented Generation (RAG). The system enables natural language queries, delivers concise case summaries, and recommends relevant precedents using semantic vector search. It also provides drafting support with legal templates and multilingual capability. Leveraging vector stores (Pinecone) for retrieval, relational databases for metadata, and Neo4j for citation networks, as well as LLMs for summarization and drafting, the solution is modular, scalable, and enhances the efficiency of Indian legal research.

Internal Guide

R&D Coordinator

HOD