



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
KATTANKULATHUR – 603 203

BONAFIDE CERTIFICATE

Certified that Project report titled “**LEGAL AID ADVISOR**” is the bonafide work of “**AASTHA HOTWANI[RA2311026010389]**, **APURVA SINGH[RA2311026010376]**” who carried out the **21CSC205P Database Management Systems** mini project work under my supervision.

Dr.Beulah Jeyavathana R
COURSE FACULTY
Associate Professor
Department of
Computational Intelligence

Dr. R. ANNIE UTHRA
PROFESSOR & HEAD
Department of
Computational Intelligence

ABSTRACT

The *Legal Aid Advisor* is an intelligent, database-driven application designed to offer legal assistance to individuals who seek quick, reliable, and affordable legal support. This project aims to automate and simplify the process of providing legal guidance by integrating a robust Database Management System (DBMS) that handles and maintains user data, case records, legal documents, expert consultations, and interaction history. The platform serves as a virtual legal helpdesk where users can register legal issues, consult verified experts, and access a legal knowledge base without the need to physically visit legal offices.

The system is designed with a strong focus on usability, scalability, and data security. It enables seamless interaction between clients and legal professionals through features like case filing, expert matching, and real-time query resolution. By incorporating structured database models, role-based access control, and user-friendly interfaces, the platform ensures efficient data handling, fast information retrieval, and secure communication.

Furthermore, the Legal Aid Advisor is especially geared toward underserved and rural populations, aiming to democratize legal access and reduce dependency on expensive legal intermediaries. The application promotes legal awareness and empowers users with self-service options like legal templates, FAQs, and search-enabled legal articles. Its modular architecture also allows for future integration with third-party services such as government legal portals, online court databases, and e-filing systems.

In essence, this project not only serves as a legal advisory tool but also contributes to building a transparent, inclusive, and digitally empowered legal ecosystem by leveraging the core principles of database design, optimization, and secure data management.

Table of Contents :

Chapter No	Chapter Name	Page No
1.	Problem understanding, Identification of Entity and Relationships, Construction of DB using ER Model for the project	5
2.	Design of Relational Schemas, Creation of Database Tables for the project.	10
3.	Complex queries based on the concepts of constraints, sets, joins, views, Triggers and Cursors.	17
4.	Analyzing the pitfalls, identifying the dependencies, and applying normalizations	25
5.	Implementation of concurrency control and recovery mechanisms	33
6.	Code for the project	36
7.	Result and Discussion (Screen shots of the implementation with front end.)	40