

**VISVESVARAYA TECHNOLOGICAL  
UNIVERSITY BELAGAVI-590018, KARNATAKA**



**PROJECT SYNOPSIS**

**ON**

**“LegalEase AI:**

**Intelligent legal document analyser with Agentic and Explainable AI”**

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**2024-25**

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## **Vision and Mission of the Institute**

### **Vision**

“To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention”

### **Mission**

“BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.”

## **Vision and Mission of the Computer Science and Engineering Department**

### **Vision**

“To be a centre-of-excellence by imbibing state-of-the-art technology in the field of Computer Science and Engineering, thereby enabling students to excel professionally and be ethical.”

### **Mission**

1. Adapting best teaching and learning techniques that cultivates Questioning and Reasoning culture among the students.
2. Creating collaborative learning environment that ignites the critical thinking in students and leading to the innovation.
3. Establishing Industry Institute relationship to bridge the skill gap and make them industry ready and relevant.
4. Mentoring students to be socially responsible by inculcating ethical and moral values.

## **1. Program Educational Outcomes (PEOs):**

PEO1	To apply skills acquired in the discipline of Computer Science and Engineering for solving societal and industrial problems with apt technology intervention.
PEO2	To continue their career in industry/academia or to pursue higher studies and research.
PEO3	To become successful entrepreneurs, innovators to design and develop software products and services that meets the societal, technical and business challenges.
PEO4	To work in the diversified environment by acquiring leadership qualities with effective communication skills accompanied by professional and ethical values.

## **2. Program Specific Outcomes (PSOs):**

PSO1	Analyze and develop solutions for problems that are complex in nature by applying the knowledge acquired from the core subjects of this program.
PSO2	Ability to develop Secure, Scalable, Resilient and distributed applications for industry and societal requirements.
PSO3	Ability to learn and apply the concepts and construct of emerging technologies like Artificial Intelligence, Machine learning, Deep learning, Big Data Analytics, IoT, Cloud Computing, etc for any real time problems.

## **ABSTRACT**

LegalEase AI is an advanced, AI-powered platform designed to revolutionize the way legal documents are analyzed and reviewed. By utilizing cutting-edge natural language processing (NLP) and legal AI models, it simplifies complex legal jargon, making legal texts more understandable for non-legal professionals while preserving the document's accuracy and intent. The platform actively identifies potential risks within legal documents, such as ambiguous clauses, hidden liabilities, and non-compliance with applicable laws or regulations, highlighting these areas for the user's attention. With its Agentic AI capabilities, LegalEase AI goes beyond passive analysis by autonomously flagging risky clauses, asking clarifying questions to gather more context, and suggesting potential modifications to improve the document's clarity, fairness, and legal soundness. Additionally, LegalEase AI is built with explainable AI, ensuring users can trace the system's reasoning and understand why specific clauses were flagged or altered, thus building trust and transparency. This powerful combination of features allows the platform to significantly enhance the efficiency, speed, and accuracy of contract reviews while reducing the time and costs associated with manual document analysis. Ideal for individuals, businesses, and legal professionals alike, LegalEase AI helps users navigate the often complex and overwhelming world of legal contracts, making it easier to ensure compliance with relevant laws, mitigate potential risks, and optimize legal document management.

**KEY WORDS:**

LegalEase, Agentic, AI, NLP, Analysis

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