

AI Based - Designing of Assistive portal for Stakeholders in Approval Process

The All India Council for Technical Education (AICTE) plays a crucial role in approving and regulating technical education institutions in India. The approval process ensures that institutions meet the required standards and guidelines set by AICTE, ensuring quality education and a standardized framework. However, the current approval process faces several challenges, which hinder its efficiency and effectiveness.

- Complex Approval Process Structure
- Difficulty in Understanding of Approval Process Handbook
- Complex Documentation Requirements

Conclusion: Implementing a Comprehensive Portal for Simplified Understanding of AICTE's Approval Process Handbook and generate the final fee submission to all the stakeholders

In conclusion, a viable solution to address the difficulties in understanding AICTE's Approval Process Handbook is to develop a dedicated portal that streamlines the approval process for technical institutions. This portal would allow institutes and stakeholders to input their specific course, infrastructural requirement and in return, provide the all the required documents, along with fee structure information. The fundamental objective of this portal is to parse the approval process handbook and convert its contents into a user-friendly format that facilitates easy comprehension and understanding of AICTE's requirements.

By implementing such a portal, the following benefits can be achieved:

- **Enhanced Clarity and Ease of Understanding:** The portal would transform the complex language and technical jargon of the Approval Process Handbook into simplified and easily understandable information. Institutes and stakeholders would have a clear understanding of the specific requirements and guidelines outlined by AICTE, facilitating efficient compliance.
- **Customized Guidance and Relevant Documentation:** The portal would dynamically generate the required documentation templates, and fee structures based on the specific course requirements inputted by the institute. This tailored approach ensures that the information provided is directly relevant to the institute's needs, streamlining the approval process.
- **Time and Resource Efficiency:** The portal would significantly reduce the time and effort required for institutes to interpret and navigate the Approval Process Handbook. By automating the parsing and presentation of information, the portal expedites the understanding of AICTE's requirements, saving valuable resources for both AICTE and the institutes.
- **Increased Accuracy and Compliance:** With a user-friendly portal providing comprehensive and clear instructions, institutes are more likely to adhere accurately to AICTE's guidelines. This would result in improved compliance and higher-quality submissions, reducing the need for reworks and ensuring smoother and faster approval processes.

- **Continuous Updates and Real-time Assistance:** The AI based portal can be regularly updated to reflect any changes or amendments in the Approval Process Handbook. Additionally, it can provide real-time assistance and support, offering clarification on specific queries or concerns raised by institutes during the approval process.

By developing a comprehensive portal that effectively parses and presents the Approval Process Handbook, AICTE can empower institutes and stakeholders to easily understand and comply with the requirements. This would foster transparency and assistance to the approval process, and ultimately contribute to the growth and development of the technical education sector in India.

Organization- AICTE

Category- Web Application

Dataset- Sample Data Set will be provided

Lead for project Development – Siddhant (Sr. Software developer), Ranjeet (Software developer)