



Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur
Department of Information Technology
Session 2024-25
E-Learning Resource Management

ABSTRACT

The **E-Learning Resource Management** project aims to develop a comprehensive platform for the efficient management, organization, and distribution of digital educational resources in an online learning environment. As e-learning continues to grow, educators and institutions face challenges in effectively curating, categorizing, and delivering diverse resources such as videos, documents, quizzes, and interactive modules. This project proposes an integrated system that leverages advanced technologies to streamline these tasks, enabling educators to focus more on teaching and less on administrative duties.

The system will include a centralized repository for storing educational content, an intelligent search feature for easy resource discovery, and tools for content tagging, categorization, and recommendation. It will also feature role-based access control, ensuring appropriate permissions for administrators, instructors, and learners. Additionally, analytics will be incorporated to track resource usage, learner engagement, and content effectiveness, helping educators optimize their teaching strategies.

By providing a user-friendly interface and powerful backend tools, this platform will improve resource accessibility, enhance the learner experience, and promote the efficient use of educational materials. Ultimately, the project aims to contribute to the growth of high-quality, scalable, and adaptive e-learning ecosystems in educational institutions and beyond.

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