

LEARNING RESOURCE HUB (LR HUB)

ABSTRACT:

The Learning Resource Hub is a web-based platform developed using Django to provide a centralized space for students and educators to access, share, and manage academic materials. The system integrates secure user authentication, personalized profiles, and resource management features to create a collaborative and structured learning environment. By combining modern web technologies with Django's robust framework, the hub ensures scalability, security, and a responsive design that works seamlessly across devices.

Beyond authentication, the platform enables resource sharing, categorization, and collaboration through discussion threads and comments. An analytics dashboard offers insights into user activity and resource usage, helping learners track progress and educators monitor engagement. With its user-friendly interface, role-based permissions, and emphasis on accessibility, the Learning Resource Hub serves as a comprehensive solution for modern digital learning, fostering both individual study and community-driven knowledge exchange.