

EduHub - RGUKT Student Platform

1. Project Overview

EduHub is an interactive and AI-integrated digital platform designed for the students of RGUKT, Basar (IIIT_B). It serves as a centralized hub for sharing academic resources, fostering peer learning, and supporting students in internships and placement preparation. The platform includes role-based access for students, faculty, and administrators, with the aim of enhancing collaboration and academic excellence.

2. Key Features

Previous Year Question Papers

- Upload/download semester-wise, department-wise question papers.
- Easy search with tags, subject filters, and year-wise categorization.

Internship & Placement Materials

- Repository of resumes, company-specific interview tips, internship preparation guides.
- Students can explore materials shared by seniors or faculty.

AI Assistant

- Analyze question papers to identify important topics and generate practice questions.
- Answer academic queries or provide guidance based on uploaded materials and common patterns.

Query & Discussion Forum

- Students can ask academic or general queries.
- Peer and faculty interaction for answers, with upvote/downvote mechanism.
- Strict content moderation using AI and admin tools to filter irrelevant or abusive content.

Role-Based Access & Authentication

- Students: Access and share materials, post queries, interact in forums.
- Faculty: Validate and upload learning materials.
- Admins: Manage platform activity, users, and moderate content.

Event & Job Announcements

- Admins and faculty can post information about:
 - Upcoming campus events
 - Internship drives
 - Job opportunities
 - Skill development programs

Admin Dashboard

- View analytics on user engagement, most downloaded content, flagged posts, etc.
- Manage users, approvals, and platform settings.

3. How EduHub Helps Students

- Streamlined Learning Resources: Centralized access to all question papers and preparation material - no more searching in group chats.
- Academic Collaboration: Encourages learning through student-faculty interaction and peer discussion.
- Smart Exam Preparation: AI-generated topic analysis and suggested questions help students study effectively.
- Placement & Internship Support: Real-time updates on internships and job opportunities directly from the platform.
- Faculty Validation: Ensures quality and authenticity of study materials.
- Admin Oversight: Maintains discipline and ensures a safe, educational environment.

4. Future Scope

- Mobile App (Android/iOS)
- AI-powered career guidance
- Gamification for learning and contribution
- Resume Builder with AI Suggestions
- Push Notifications for announcements and deadlines