College Resource Sharing Platform

Description: A fully responsive **College Resource Sharing Platform** where students from **NIT, IIT, and Medical Colleges** can upload and download **notes, mid-sem & end-sem previous Question papers, and new project or project ideas and feedback post coding question Ans,and pdf files**. The platform includes **user registration, filters, ratings, and social Interactions**.

Features

Header (Navigation Bar)

- **Logo & Branding**
- **Navigation Menu:** Home, Notes Gallery, Colleges, Reels, Feedback post,
- **Search Bar:** Find colleges, notes, or students,pdf ect,
- **Dark Mode Toggle**
- **"Upload Resources" Button (For Students)**

Home Page (Landing Page)

- **Hero Section:** Introduction to the platform with a call-to-action button
- **Trending Notes & Question Papers:** Showcasing the most downloaded resources
- **Top Contributors Section:** Featuring students who upload high-rated content
- **Feedback & Testimonials:** Ratings and reviews from students

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Notes & Question Paper Project Gallery Page

- **Grid/Masonry Layout for Resources**
- **Hover Effects:** Show title, student name, and number of downloads
- **Category Filters:** Filter by College, Semester, Subject, and Type (Notes, QP, Project)
- **Search Functionality:** Find specific resources quickly

Single Resource Page (Notes/Question Paper/Project)

- **High-Resolution PDF Viewer**
- **Student Profile & Social Media Links**
- **Description & Background of the Uploaded Content**
- **"Like" & "Comment" Section**

- **Download Button with View Count & Rating Option**

College & Student Pages

Colleges Page

- **List of Colleges (IITs, NITs, Medical Colleges, etc.)**
- **Filter and Search by College Name**
- **Click on a College to View Available Resources**

Student Profile Page

- **Profile Picture & Name**
- **Uploaded Notes, QP, and Projects**
- **Follow Button to Support & Get Notifications on New Uploads**

Upload Page (For Students to Share Notes, QP, & Projects)

- **Form to Upload File (PDF, DOC, PPT, etc.)**
- **Title, Description, and Semester Selection**
- **College & Subject Selection Dropdown**
- **"Preview Before Posting" Feature**
- **CSS Animations for Smooth Transitions**

Footer

- **Quick Links:** Home, Gallery, About, Contact
- **Social Media Icons (Instagram, Twitter, LinkedIn, etc.)**
- **Newsletter Subscription Form**
- **Copyright & Terms of Use**

Technologies Used

HTML5 – Structure
CSS3 – Grid, Animations, Hover Effects
JavaScript – Search, Filters, Interactions
Optional: Backend (Node.js, Firebase, or PHP for user authentication & uploads)

Bonus Enhancements

Infinite Scroll for Notes & Question Papers
Student Leaderboard (Top Uploaders & Most Helpful Contributors)

Dark Mode / Light Mode Toggle
Live Chat for Doubt Solving (Optional)
 Parallax Scrolling for a Modern User Experience