SHREE L. R. TIWARI COLLEGE OF ENGINEERING

An Autonomous Institute, Affiliated to University of Mumbai Approved by AICTE & DTE, Maharashtra State | NAAC Accredited, NBA Accredited Program | ISO 9001:2015 Certified | DTE Code No: 3423 | Recognized under Section 2(f) of the UGC Act 1956 | Minority Status (Hindi Linguistic)

ITSA – INFORMATION TECHNOLOGY STUDENT ASSOCIATION

Title: Green-Sync: The Paperless Campus Initiative

The Problem: Every year, thousands of pages are wasted on physical assignments, journals, and notice circulars across the Engineering, Law, and Degree wings.

The Task: Create a unified digital submission and notification hub.

What to Solve:

Zero-Paper Portal: A system where students upload assignments and teachers grade/comment on them digitally.

Smart Notice Board: Official news is pushed to students' phones via the app, ending the need for printed posters.

The Goal: Track how many "trees" the campus saves by calculating the paper weight reduced through digital shift.

Title: Dev-Match: The Internal Team Finder

The Problem: Students want to build great projects or enter hackathons, but they can't find a teammate who knows a specific tech stack (e.g., someone knows Frontend but needs a Node.js expert) within the college.

The Task: Build a "Tinder for Developers" inside the campus.

What to Solve:

Skill Profiles: Students list their tech stack (React, Python, Java, etc.) and their interests.

Project "Help Wanted" Board: A student can post: "Building a SaaS, need 1 UI/UX designer and 1 Firebase expert."

Filter System: Search for teammates by Semester, Department, or specific Skill.

The Goal: To make sure no good project idea dies just because a student couldn't find a partner.

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Title: Ace-MU: The Verified SLRTCE Resource Hub

The Problem: Before Mumbai University (MU) exams, students waste hours searching for "Easy Solutions," Handwritten Notes, or Previous Year Question Papers (PYQs) in messy WhatsApp groups and broken Drive links.

The Task: Build a centralized, categorized repository for Engineering study material.

What to Solve:

Subject-Wise Folders: Clean navigation for subjects like ADSA, Microprocessors, Maths-IV, etc.

The "Gold" Resource Tag: A voting system where students can "Upvote" the best notes so the most helpful ones stay at the top.

Lab Manual Repository: A section for verified code snippets and diagrams for lab submissions.

The Goal: To save hours of "searching time" and turn it into "studying time" for every engineering student.

TIMELINE : -

PPT SUBMISSION : TILL FRIDAY EVENING – UNTIL 10PM

PROJECT SUBMISSION : SUNDAY -12PM