

## Registration form for Major Project-

### Student Details

| Roll No  | Regd No    | Name of the Student | Mobile No/Email ID |
|----------|------------|---------------------|--------------------|
| 22CSE072 | 22UG010159 | ABHISEK PANDA       | 9078089401         |
| 22CSE140 | 22UG010273 | DEBABRATA MISHRA    | 9348179664         |
| 22CSE224 | 22UG010357 | DIPTESH NARENDRA    | 9827403823         |

### Project Information

**Proposed Project Title: AI-Based Internship Recommendation Engine for PM Internship Scheme (SIH NO- 25034)**

**Domain/Area of Specialization: Artificial Intelligence & Machine Learning**

**Preferred Faculty Guide : Dr. Gitanjali Mishra**

**Abstract:-**

This project focuses on creating an easy-to-use website that helps students and young people find the right internships under the PM Internship Scheme. Many applicants, especially from rural and remote areas, have less exposure to digital tools and may not know which internships match their skills or interests. To support them, the system will collect simple details like education, skills, and preferred location, or allow them to upload their resume for automatic skill extraction. Using a basic and lightweight AI recommendation model, the system will provide the top 3–5 most suitable internship options for each user. The internship results will be shown in a simple, card-based format with clear Apply buttons. The platform will be mobile-friendly and offer regional language support so users with low digital literacy can access it comfortably. It will also include a clean login system, a help section, and a dashboard where users can save and track their recommended internships. The project aims to increase internship awareness and better career opportunities for youth across India. The development tools include React for the interface, Python for the recommendation engine, Tailwind CSS for styling, Chart.js for simple visual insights, and Clerk for secure authentication. The system will be lightweight and designed so that it can be integrated easily with the existing PM Internship Scheme portal in the future.

### For Official Use Only

#### Official Use

|           |            |                      |
|-----------|------------|----------------------|
| Group No: | Section: C | Project Category- ML |
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### Approval Signatures

**Supervisor**

**Class Teacher**

**Dr. Neelamadhab Padhy**

**Dy. Dean Computational Science(R&D)  
Project Coordinator, 4th Year**