

# Faculty Recruitment Portal Project

## (2201CS40 & 2201CS64)

### Description:

The Dummy Faculty Recruitment Portal for IIT Patna is a comprehensive web application designed using **React js, Tailwind css, Node js, Phpmyadmin (Mysql)** to facilitate the recruitment process for faculty positions at the Indian Institute of Technology Patna (IIT Patna). This portal serves as a centralised platform for managing job postings, receiving applications, scheduling interviews, and communicating with applicants throughout the recruitment cycle. Tailored specifically for the needs of IIT Patna, this portal integrates educational, professional, and personal information to ensure a thorough evaluation of potential candidates.

### Key Features:

1. User Authentication
2. Admin Dashboard
3. Job Postings Management
4. Application Submission
5. Application Review
6. Interview Scheduling
7. Applicant Dashboard
8. Communication Tools
9. Data Security

### How to run?

For frontend:

Give command in local terminal: `npm run dev`

For backend:

Give command in local terminal: `npm start`

### Conclusion:

Developing the Faculty Recruitment Portal as a group project involving two individuals provided valuable insights into collaborative software development processes. Through close collaboration and effective communication, we successfully aligned with stakeholder needs, prioritised user-centric design principles, and implemented robust data management and security measures. The project emphasised the importance of process optimization, scalability, and flexibility in accommodating evolving requirements. Rigorous testing and quality assurance practices ensured the reliability and usability of the portal, while ongoing feedback and iterative improvements fostered continuous enhancement. Overall, the experience highlighted the significance of teamwork, collaboration, and interdisciplinary skills in delivering a successful web application tailored to the specific needs of IIT Patna's faculty recruitment process.