**Title Slide**

**Project Title**: PlacementPortal for Nirma University

**Subtitle**: A Comprehensive Campus Recruitment Management System

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**Supervisor**: (Optional)

**Introduction**

* Centralized platform for managing campus recruitment activities.
* Role-based access control with five roles: Admin, Company Representatives, Academic Coordinator, Student Placement Coordinator, and Students.
* Key features include job postings, profile management, application tracking, and company visit scheduling.
* Built with a user-friendly interface to simplify the placement process for all participants.
* Tech stack: MERN (MongoDB, Express.js, React.js, Node.js).

**Motivation**

* **Automation of Placement Tasks**: Simplify and automate the placement workflow.
* **Centralized System**: Ensure efficient communication between students, coordinators, and company representatives.
* **Error Reduction**: Address issues caused by manual handling of student details and job applications.
* **User Convenience**: Provide an organized and streamlined experience for job application tracking and profile management.

**Problem Statement**

* **Manual Errors**: Existing manual systems lead to data inconsistencies and miscommunication.
* **Inefficient Process**: Students and coordinators face challenges in managing academic records and job applications.
* **Lack of Automation**: Need for a system to automate eligibility checking and communication during the recruitment process.
* **Tracking Issues**: Difficulty in real-time tracking of placement statuses.

**Proposed Approach**

* **Role-Based Access**: Ensure different user roles have the appropriate permissions for tasks.
  + Admins manage overall settings, job postings, and shortlisting.
  + Academic Coordinators handle student academic details.
  + Company Representatives manage job postings and schedules.
  + Students apply for jobs, manage profiles, and track applications.
* **APIs**: Design of APIs to manage users, job postings, academic records, and interview schedules.
* **Eligibility Automation**: Automatic checking of student eligibility for job applications.
* **Tech Stack**: MongoDB for scalable data storage, Node.js for backend logic, Express.js for API routing, React.js for frontend.
* **Notification System**: Automated email reminders for key events like deadlines and interviews.
* **Security and Scalability**: Implementation of secure login mechanisms and efficient data management to support large-scale use.

**Screenshots of the Project**

* **Login/Registration Screen**: Secure authentication with role-based access.
* **Admin Dashboard**: Interface showing management tools for job postings, student applications, and system monitoring.
* **Company Job Posting Page**: Feature for companies to create job listings with specific criteria.
* **Student Profile and Resume Generator**: Section where students can update academic details, upload documents, and generate resumes.
* **Job Application Tracker**: Tool allowing students to track the status of their applications.
* **Interview Schedule**: Module for managing and viewing upcoming interview schedules.