An Interactive Webcast Portal of Training Placement using SMTP and Database using PHP

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Abstract: *The Training and Placement Department plays a crucial role in facilitating students' interactions with various companies and securing placements. By cultivating relationships with esteemed organizations and industrial establishments, the Placement Department assists both undergraduate and postgraduate students in exploring career opportunities. Its mission includes equipping students with knowledge, expertise, and skills to meet industry demands and make well-informed career choices. However, manual management of data pertaining to campus recruitment events poses difficulties, highlighting the need to automate these processes to minimize errors and improve efficiency.*

This study proposes the creation of a Training and Placement Application to tackle these challenges. The application will be web- based, featuring intuitive interfaces for both students and administrators (Training and Placement Officers, TPOs). To ensure usability across different devices, the application will be compatible with smartphones and web browsers. Leveraging React + Vite as the underlying technologies for design and development, the application aims to provide adaptability, customization, and scalability while retaining essential features for streamlined management of training and placement activities. Students will have the ability to create profiles and complete registrations effortlessly, while administrators can efficiently oversee and manage all operations through the application

Keywords: React, Php MyAdmin, Web-Based Application, Automation, Admin Dashboard, Training and Placement Dashboard, Student Placement Dashboard, Company Dashboard

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