Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Department of Information Technology Session 2024-25

# Title of the Project

Student Project Management and Online Testing

# ABSTRACT

This project is aimed at developing a web-based system, which manages the activity of Student Project Management and Online Testing. This system will manage the database and maintain a list

of all student groups that have registered on this site, conduct their online test and shortlist those students who have passed the eligibility criteria as set by the mentors. In academic institutions, the management of projects is often faced with several challenges such as inadequate communication between mentors and mentees, lack of transparency in project progress, and duplication of work. These challenges lead to delayed project submissions, poor project quality, and inefficient project coordination. The *Web-based Student Project Management System* aims to address these issues by providing an automated platform that facilitates seamless communication between project coordinators, mentees, and their mentors. It streamlines key activities such as project topic selection, topic approval, feedback, and project submissions. The system incorporates roles for the project administrator, mentors, and mentees, ensuring transparency and role-specific access to project tasks and responsibilities. By automatically rejecting duplicated projects at submission and offering tools for continuous project progress tracking, this system ensures the timely and high-quality completion of student projects. An Agile software development approach was employed to enable iterative testing and active stakeholder engagement throughout the project lifecycle.

Project Members: Mentor: Lab Coordinator:

## Vanshika Tahalwani Mrs.Sanju Choudhary Dr.Richa Rawal

## (21ESKIT112) (Associate Prof.-1) (Associate Prof.-1)

Tanmay Joshi

(21ESKIT108)

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