PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

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Learning is Supreme Deity

Enterprise Resource Planning (ERP) Documentation

Purpose of the ERP System: The Enterprise Resource Planning (ERP) system at Pragati Engineering College is designed to streamline and automate various administrative and academic processes, enhancing efficiency and transparency across the institution.

Scope of the Document: This document provides an overview of the ERP system's functionalities across different departments, including Administration, Finance and Accounts, Student Admission and Support, and Examinations.

Administration

For Administration Institution uses ECAP software

Subject Name	Short Form	Credits		
Transforms And Vector Calculus	TVC	3.0		
Advanced Data Structures Through C	ADS	3.0		
Operating Systems	OS	3.0		
Database Management Systems	DBMS	3.0		
Mathematical Foundations Of Computer Science	MFCS	3.0		
Advanced Data Structures Through C Laboratory	ADS LAB	1.5		
Operating Systems Laboratory	OS LAB	1.5		
Database Management Systems Laboratory	DBMS LAB	1.5		
Skill Oriented Course-I Applications Of Python-Numpy	NumPy Lab	2.0		
Constituion Of India	CI	0.0		
SOFT SKILLS	SS	0.0		
APTITUTE	APT	0.0		

User Roles and Access Control:

- **Administrator:** Full system control and configuration.
- **Department Heads:** Manage department-specific data.
- **Faculty and Staff:** Access relevant administrative features.

Features and Functions:

- **Staff Management:** Record and manage staff information.

- **Facility Management:** Schedule and manage campus facilities.
- **Document Management:** Store and retrieve institutional documents.
- **Leave and Attendance Management:** Monitor staff attendance and leave.
- **Communication and Alerts:** Facilitate communication within the institution.

Finance and Accounts

Institution uses own software to collect fee and generate receipts for fee payment. The Fee particulars are updated in ECAP for Administrative purpose
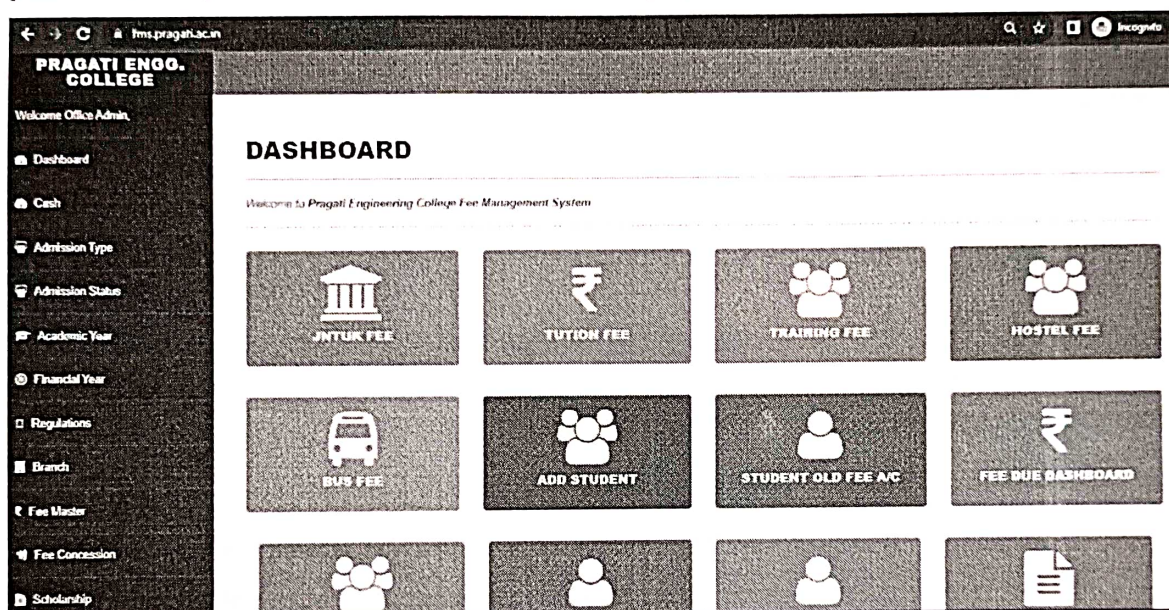
User Roles and Access Control:

- **Office Accountant:** Full control over financial data. To Manage payments to vendors and Manage tuition fees and other revenues.

Features and Functions:

- **Financial Reporting:** Generate financial statements and reports.
- **Payroll Management:** Process staff salaries.
- **Vendor and Supplier Management:** Maintain vendor relationships.

Student Admission and Support

College uses ECAP software to enroll students into portal and update the details when and necessary like their personal details, Academic credentials, Extra and Co-curricular activities and placement record. Students are provided with support through mentoring session and remarks are updated in the portal for administrative purpose

Welcome Administrator   Change Password   Log Out

ADMISSIONS

ADMISSION

- ADMISSION
- ADMISSION REGISTER
- CASTES
- CHECK LIST
- COLLEGE STRENGTH
- DETAINED STUDENTS
- GENERATE ID CARDS
- LOCATION REPORT
- RE-JOIN DATE
- REPORT
- SCHOLORSHIP STUDENTS
- SECTIONS
- TRANSFER

Personal Details   Parent/Gurdian Details   Addresses   Acadamic Record   Reset   Application Form   Delete

Field	Value	Field	Value
Roll.No		Gender	● Male ○ Female
Student Name		Branch	-Select-
Course	B Tech	Date Of Birth	
Semester	I B.Tech I Sem	Admission.No	27490
Date Of Admission		Nationality	-Select-
Religion	Hindu	enter, if new	
		Student Mobile No	
Land Line No		Hall Ticket No	
Entrance Type/Rank	EAMCET	Category & Caste	-Select-
Seat Type	-Select-	Sub Caste	
Scholarship	○ Yes ● No	Admission Type	Direct
		Mother	

User Roles and Access Control:

- **Administrative Officer:** Manage student admissions.
- **Student Support Staff:** Assist students with various support services.
- **Faculty:** Oversee student records and academic credentials and mentoring
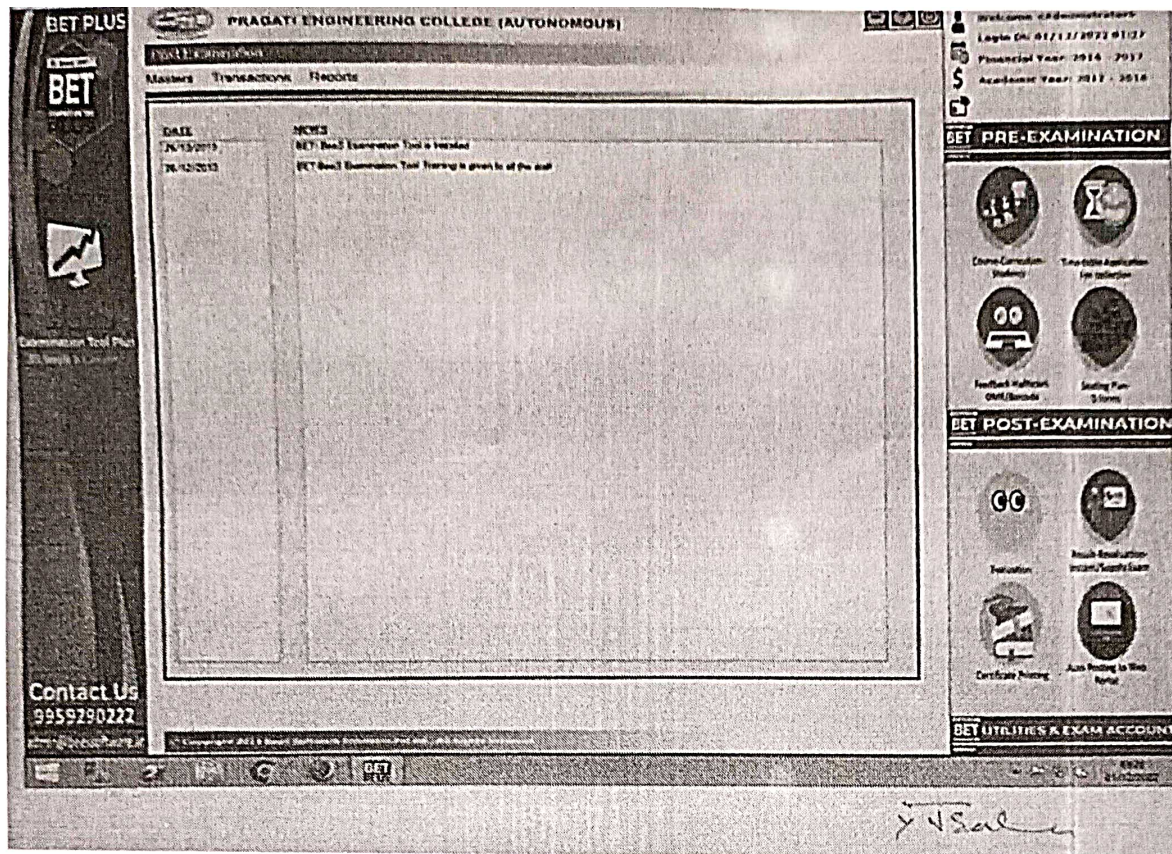
Features and Functions:

- **Admission Application Processing:** Process student applications.
- **Enrollment Management:** Manage student enrollments.
- **Student Records Management:** Maintain student academic records.
- **Student Support Services:** Offer counseling and support services.

Examinations

College uses BEES software to automate Examinations. Bees Examination Automation Software features include exam scheduling, question bank management, online test creation, secure student authentication, real-time monitoring, automated grading, customizable reports, and result publishing. It streamlines the entire examination process, ensuring efficiency, security, and data-driven insights for educational institutions.

User Roles and Access Control:

- **Examination Coordinator:** Manage examination scheduling and logistics.
- **Faculty and Instructors:** Assess and grade student exams.
- **Students:** Register for exams and access results.

Features and Functions:

- **Exam Scheduling:** Schedule examination dates and venues.
- **Exam Registration:** Enable student registration for exams.
- **Grading and Transcripts:** Grade student performance and issue transcripts.
- **Exam Result Publication:** Publish exam results securely.
- **Academic Integrity Monitoring:** Prevent academic dishonesty.
- **Student Performance Analytics:** Analyze student performance data.

This ERP system is a vital tool in enhancing the efficiency, transparency, and effectiveness of Pragati Engineering College's administrative and academic processes. It empowers users with the necessary tools and data to make informed decisions, thereby contributing to the institution's overall success and growth.

Principal

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