Best Practice 2: Academic Management System.

- **Objective of Practice:**

  1. To efficiently maintain regular academic activities.
  2. To guarantee data availability to stakeholders.
  3. To track students', progress each semester.
  4. To decrease paperwork and enhance the ease and efficiency of data processing.
  5. To ensure transparency of data and activities.
  6. To Enhance student services
  7. To Support alumni relations and development efforts

- **The Context:**

Digital transformation in academic management involves adopting digital technologies to enhance the experience of stakeholders. Managing the institution's activities in a technology-enabled way will ensure the institution's effective functioning. Academic management and data available in electronic form guarantees that stakeholders can instantly access relevant information to make informed decisions. In any educational institution, academic activities are a critical component in decision-making, and the proper management and processing of this data are key to the institution's success. The college has implemented a comprehensive system to standardize and automate processes across all departments, ensuring data is readily available and transparent.

- **The Practice:**

The university's academic management system, RU, is an ERP software solution that streamlines routine academic activities. It is intranet-based and accessible throughout the university, consolidating student data from fragmented locations. The system is designed to manage and disseminate information about all academic activities, allowing authorized individuals to access and input data. The system facilitates effective decision-making across all management and administrative levels, ensuring efficient information management.

Activities

The academic management system is a comprehensive tool that manages students' personal information and academic histories. It records attendance, grades, and attendance records, and communicates them to parents via message. Reports on underperforming and irregular students are accessible to the Deans/Heads of Departments/class in-charges, who provide counselling and communicate with parents. The course plan details the curriculum for each class, ensuring proper course delivery and allowing teacher counselling. Faculty profiles can be regularly maintained and updated, and the ERP dashboard provides information on students and staff absentees. The system also offers options for student, faculty, course, and enrolment management, attendance, marks reports, course plans, detention, and condonation lists. It also ensures efficiency in hostel and transportation facility data, maintains relationships with pass-out students, manages resources

efficiently, and supports grievance-related operations. The system also allows for event organization and maintains event reports, and students and staff are notified of important updates.

- **Evidence Of Success:**

Transparency of data and activities provided. Efficiently managed, concise, and immediate information is crucial for decision-making. Efficient monitoring of regular academic activity of the institute. Right information at right time is available to right persons.Satisfaction of the stakeholders regarding availability and efficiency. Previously, a Student Information System (SIS) was used to maintain student marks for assignments, and sessional tests and to generate detention and condonation reports. Attendance was maintained and entered by the teachers manually to generate monthly reports which was tedious. GNU ERP manages the entire academic activity efficiently and generates instant reports.

- **Problems Encountered/ Resources Required:**

Resources Required:

A Sophisticated Server is required to store & maintain the data. Provision required in each department for entering data after the class work. The required resources are immediately provided by the management to enable the stakeholders to utilize the system effectively. For academics records there are multiple level of locking and unlocking dependency between the department and examination system.

Problems encountered:

Student and faculty personal information needs to be entered into the ERP. Faculty should enter the data regularly after the class. The department in charge should monitor the locking and unlocking of data. Initially, it took some time to make the staff adapt and utilize the system for the benefit of better functioning. Later, they realized the advantage and started using it without any problem.

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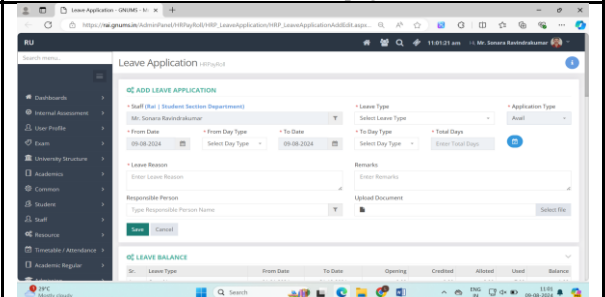
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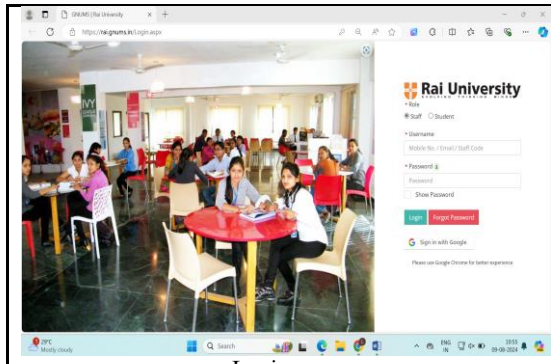
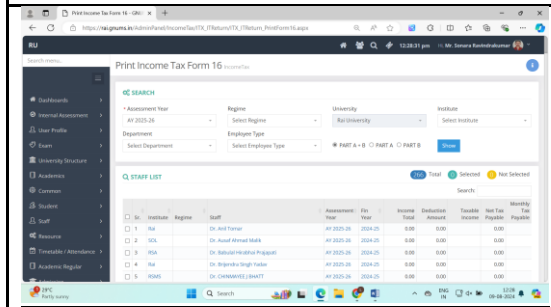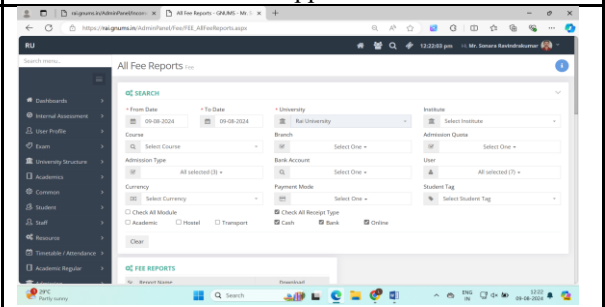Login page
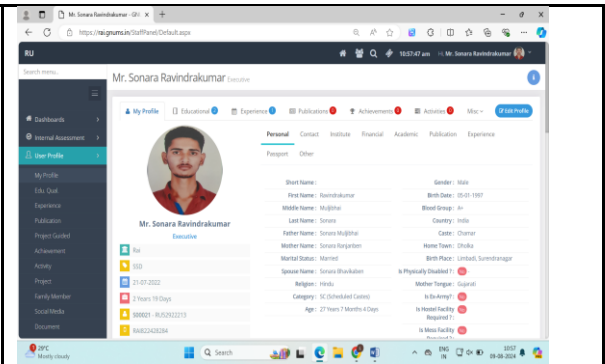
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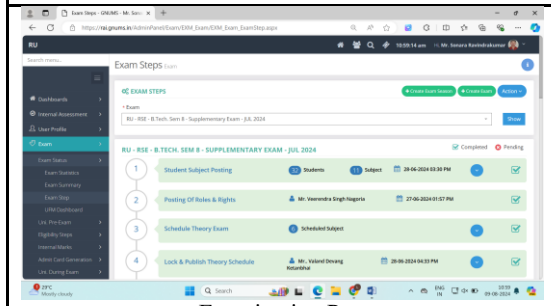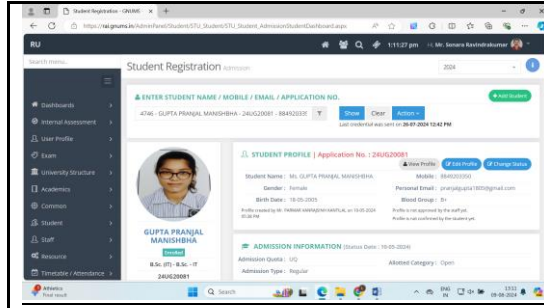

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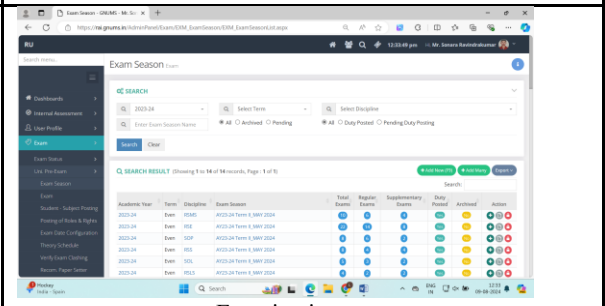
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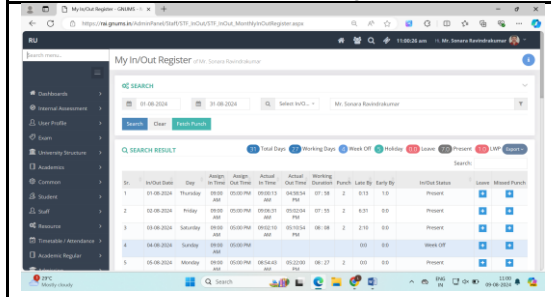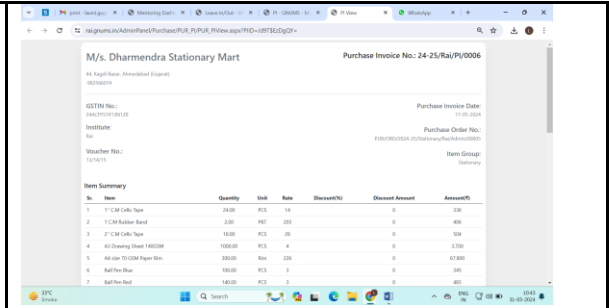

In and Out Register

Leave Application

Income Tax Form 16

Fees Report

Student Registration – Academic	Purchase
Dashboard	Time-Table