RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

Best Practice: 2

Title: RIT- Campus management system (RIT-CMS)

Objectives:

RIT aims to implement its mission through extensive use of ICT for academic and administrative activities. The objectives are:

- Enhance governance quality via participation, transparency, and accountability.
- Achieve operational efficiency in admissions, teaching-learning, administration, examinations, accounts, and HR.
- Provide stakeholders access to essential information anytime, anywhere.
- Minimize paper usage to achieve a paperless administration.

The Context:

ICT is essential in modern education, enabling fast and accurate decision-making through access to real-time information. Information in Higher Education Institutions (HEIs) covers many areas: admissions, academics, evaluation, administration, HR management, student reports, research, infrastructure, and maintenance. Transparency and accountability are crucial as stakeholders are continuously engaged. The information must be authorized and reliable, with user-friendly systems to minimize complexity. To address these needs, RIT uses RIT- CMS a cloud based Campus management system.

The Practice:

RIT-CMS is effectively implemented across all institutional activities, providing role-based access to stakeholders. Key areas include:

- **Admission and Fee:**

RIT-CMS streamlines the admission process by providing information on available seats, fee structure, and cut-off rankings. Prospective students can register online, and the system handles document collection, hostel allocation, transportation service opt-in, ID generation, and fee receipts.

Principal
Rajeev Institute of Technology
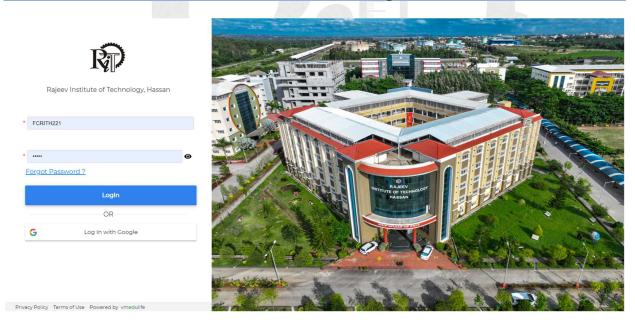Hassan-573 201
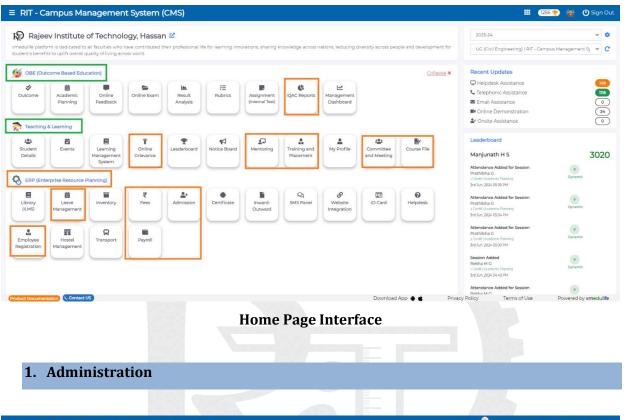
RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

- **Academic Activities:**

Faculty update lesson plans, attendance, and class topics on RIT-CMS. The system tracks student attendance and provides reports for monitoring. Study materials, assignments, internal assessment marks, and semester results are uploaded for stakeholder access. Information about co-curricular and extracurricular events is also available.

- **Outcome based education:**

RIT-CMS provides strengthen to implement outcome based education, where faculty can concentrate more on implementation of student centric learning approach to achieve specific outcome.

- **Student Support:**

RIT-CMS provides students with departmental and college-level activity information through notices and circulars. Students can submit grievances, which are addressed by faculty and higher authorities. The system maintains a database for communication with students and parents. Placement and training information is regularly updated, and students can give feedback and participate in surveys.

- **Human Resource Management:**

Faculty profiles, performance, research, and training activities are documented in RIT-CMS. Leave and salary details are managed within the system, with leave applications requiring alternate class arrangements and approvals. Pay slips can be accessed through RIT-CMS.

- **Administration:**

RIT-CMS enhances administrative efficiency by providing timely information flow and reducing delays due to miscommunication. It manages faculty attendance, salary processing, grievance redressal, and generates detailed reports for decision-making. Inventory control and maintenance details are also managed.

Principal
Rajeev Institute of Technology
Hassan-573 201

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

Evidence of Success:

The effective use of RIT-CMS is reflected in the seamless functioning of all departments, facilitated by efficient communication and timely information availability. Instant access to updated information prevents delays, enhancing decision-making. The system's transparency, clarity, and ease of access are highly valued, saving time on data collection. Parents appreciate the login facility, which allows them to monitor their children's progress effectively.

Problems Encountered and Resources Required:

Initial challenges included listing all institutional activities and defining stakeholder roles clearly. Aligning the system with university and AICTE policies was complex. The dynamic nature of curriculum and evaluation processes required adaptability. After initial familiarization, the system's efficiency improved. RIT-CMS is accessible via web and mobile devices, requiring a good network connection. Server maintenance and software issues are managed by the service provider.

Principal
Rajeev Institute of Technology
Hassan-573 201

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

RIT e-governance and its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above
B. 3 of the above
C. 2 of the above
D. 1 of the above
E. None of the above

Response: A. All of the Above

Screen shots of user interfaces of each module reflecting the name of the HEI

ERP Login Interface

Principal
Rajeev Institute of Technology
Hassan-573 201

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

Home Page Interface

1. Administration

Management Dashboard (Principal Interface)

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

Employee Registration

Leave Management Dashboard

Effective Biometric Attendance and Leave Management Solution to Access Leave Management of Employees

Principal
Rajeev Institute of Technology
Hassan-573 201

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

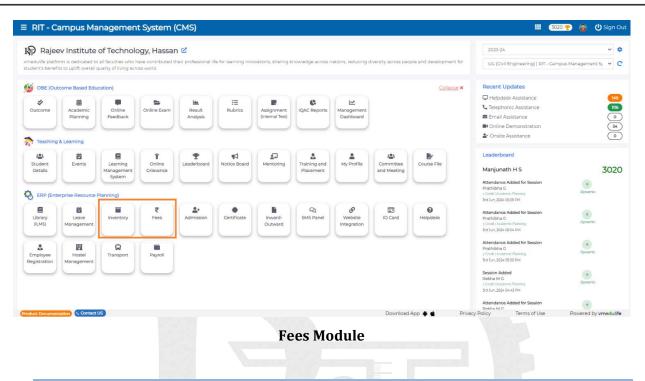**Academic Planning Interface – For managing courses**

2. Finance and Accounts

Payroll Interface/ Salary Info

In this module employees can access their Salary details,Payslips & Forms

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

Fees Module

3. Student Admission and Support

Student Registration(Admission Interface)

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

Student Registration – Admission Form

Student can enroll through Online mode using ERP QR code or Link

Principal
Rajeev Institute of Technology
Hassan-573 201

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

e-Grievance redressal through ERP

IQAC reports accessible in a single place

Principal
Rajeev Institute of Technology
Hassan-573 201

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
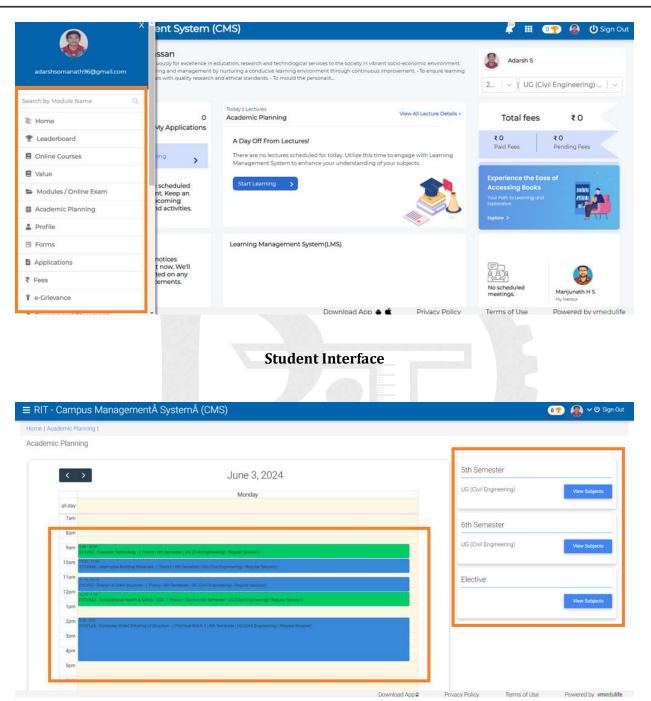(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

Student Interface

Student Interface – Academic Planning

Principal
Rajeev Institute of Technology
Hassan-573 201

RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
(Affiliated to VTU, Belagavi., Approved by AICTE, New Delhi., Recognized by Govt. of Karnataka)

4. Examination

Result Analysis Module – CIE conduction & Analysis

Principal
Rajeev Institute of Technology
Hassan-573 201