Overview

Educ8e is a holistic all web based academic enterprise resource planning system for higher institutions of learning that is easy to use, fast to implement and with one of the highest returns on investment that provides access to all the stakeholders – students, faculties, registry, parents and regulators; integrating admissions, registration, student billing, financial aid, student services and more into a single system that even includes built-in, self-service portals, all operating on a single, secure shared database.

The Problem

Declining academic standards and a questioning of the relevance of institutions to labour market needs, particularly in developing countries.

The Solution

In the age that new technologies are disrupting the way business are conducted and even the way we interact socially, the educational system cannot afford to remain in the past using old technologies to manage modern students that grow up using disruptive technologies. Educ8e is for modern institutions who wants to remain competitive and viable, thereby implementing systems that automate their core operations and financials to remain relevant and efficient.

Why educ8e?

Educ8e by integrating admissions, registration, student billing, financial aid, student services and more into a single system with built-in, self-service portals, all operating on a single, secure shared database enables institutions to provide on the fly enterprise reporting and business intelligence on student, financial, academic and administrative operations of the school.

Deployment Options
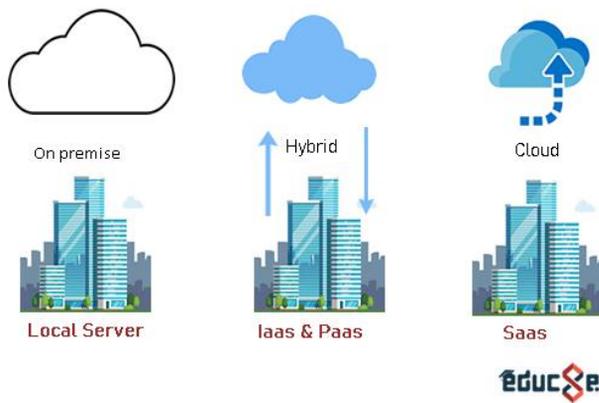
Educ8e can be deployed either on premise, hybrid or in the cloud. It is currently hosted on Microsoft Azure as a IaaS. This makes it accessible anytime, anywhere in the world.

Mobile Compatibility

Educ8e can be accessed via laptop, mobile devices such as tablets and smart phones. Administartors, Lecturers, Parents and Students can access the app on the go anytime, anywhere.
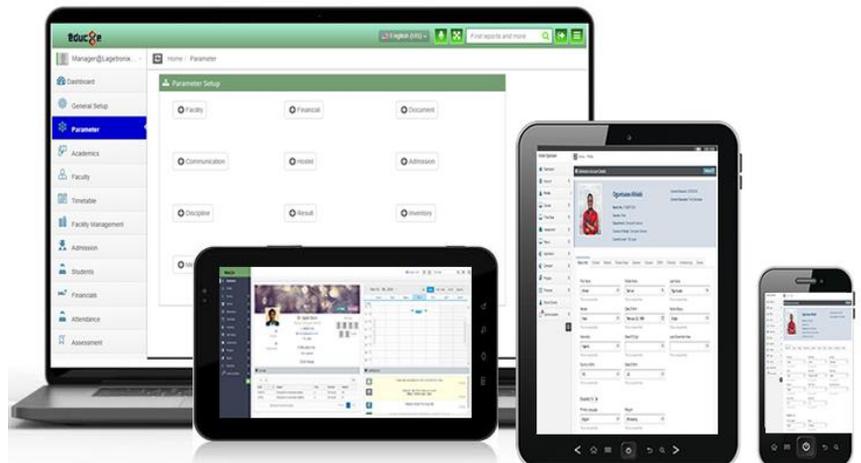
Stakeholders in educ8e

Educ8e can be accessed via different portals for all the concerned stakeholders;

Faculty

Also known as lecturers or tutor play an extraordinary role in development and shaping the future of the students. Using educ8e, they are empowered with the right tools to teach, mentor, evaluate student's learning process and overall performance.

Students

The student is given tools to have a clear view of his/her profrmance and sees where to strive harder. They also have an avenue to interrelate with the school and give anonymous feedback without fear of victimization or oppression.

Parents/Guardians

To engage and keep parents informed of the student mental, academic performance and development.

Administrators

To equip and empower school with real-live information for informed startegic decisions to run a cost friendly and effective system. Educ8e is cost effective and encouraged financial efficency for the smooth running of the school.

Security

- The application is secured with user groups, users are assigned based on department and roles.
- Additional layer of security of two-factor authentication is provided to make it harder for attackers/intruders to gain access to a person's school account.
- It secures your account with options of authenticator, code via sms and or email account.

Multi-Factor Authentication
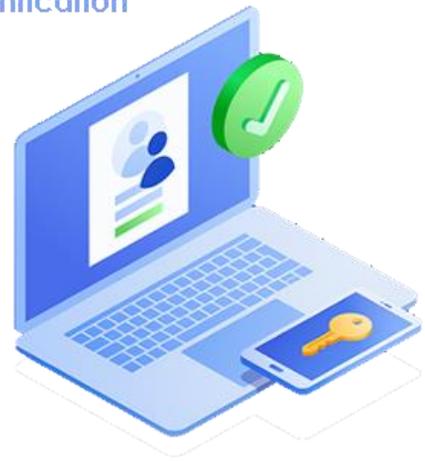
Mobility

- Educ8e can be accessed by both students and parent portal on their mobile devices.
- There is also mobile app for student and parent portal to perform operations on the go.
- The mobile app enables students to perform critical services even when they are away from their desk.
- This enables Guardian/Parent to access important information and alerts about their wards that might require their intervention and input.
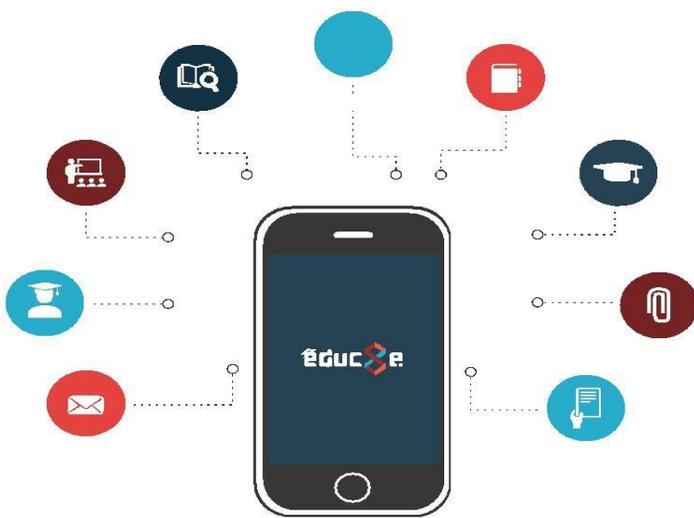
Admissions

- Automates the entire admission process, pre-checking the inclusion of all required materials and automatically ranking each prospect application based on predefined criteria.
- The admission module manages the interaction of prospective students from initial contact, to data gathering and determines the worthiness of the candidate for the course of interest to providing data based decision that will assist the admission process in selecting the right candidate.
- Streamlined admission process platform to assist schools in providing a technology-driven process to find, engage and provide key decision data in enrolling the right students for admission.

Applicant's Portal

- Prospective students engage the institution through this portal. Applicants can create an account or record with an ID and password.
- Applicants can partially complete and save applications then return to complete and submit when ready.
- Communication tools enable applicants to submit questions and check back later for answers. If desired, the portal can be configured to require payment of the application fee during submission.
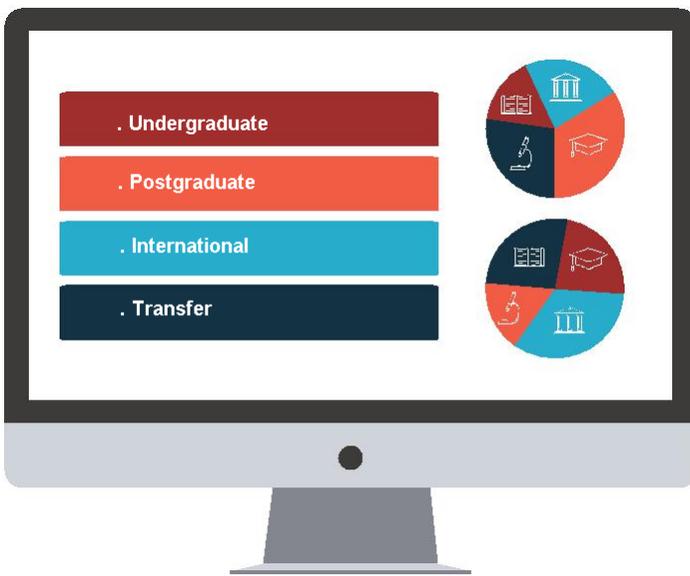
Academic Plan

- The academic planning module is a powerful tool for academic planners to create and review or revise various aspects of the curriculum.
- The curriculum mapping system promotes collaboration among instructors across programs and courses in different departments of the institution. It provides a structured system in setting up academic sessions, semesters, and programmes required for delivery of high-quality educational output.
- It provides a powerful tool to create new programmes and ensure their continual conformity to accreditation requirements of regulatory bodies.
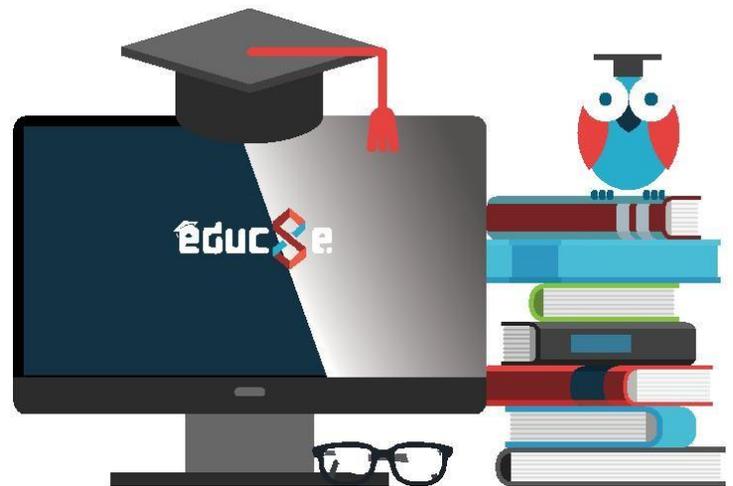
Course Registration

- This module helps in having a well-structured registration process for the student while keeping the faculty, course adviser, and registry fully informed.
- The module manages all the institutions range of courses; tracking pre-requisite requirements and conflicts in real-time, thus ensuring efficient and seamless registration.
- Students with up-to-date financial records and satisfied other requirements are the only ones who can register for courses.
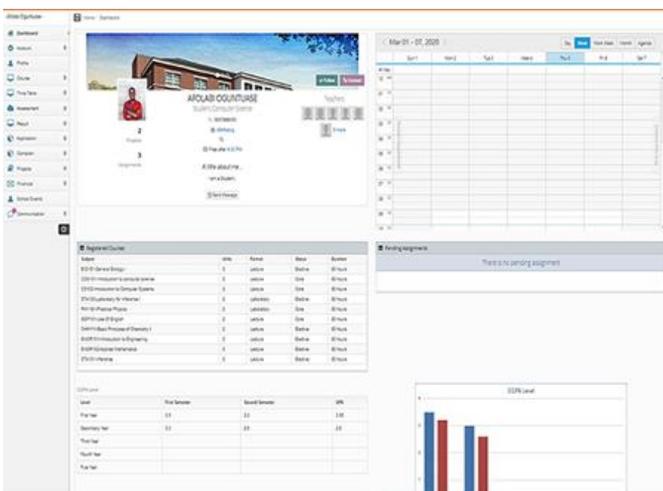
Student Directory

- It manages the student life-cycle right from the admission stages, maintaining their bio-data, student activities and performance report to graduation.
- The student is the most important entity in educ8e as all processes revolve around the student. Data stored in student information systems include grading transcripts, student schedules, attendance records, course management, and assessment scores.
- Interaction with the student directory is through the student portal.

Student Portal
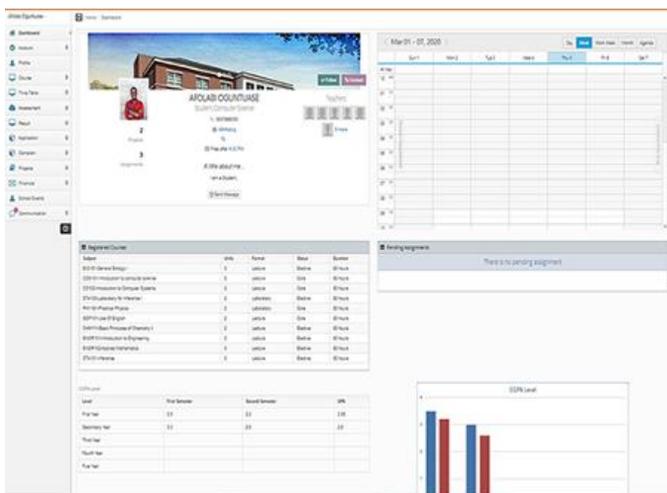
- The student portal provides an intuitive web interface through which the student interacts with Educ8e either through the web or the mobile app.
- Students can register online, submit assignments, check result grades, submit applications, pay bills, and handle all their institutional business from anywhere and at any time.
- The dashboard provides an overview of the essential metrics and offers links to other functionalities. This help students monitor their progress, stay organized, track assignments, and access class resources.
- Communication options with the faculty and other students are expanded through social media and discussion groups.

Time Table

- This module ensures proper planning and scheduling of all school courses. It covers the required content within the given semester.
- This module allocate time and venue to each course depending on the credit unit and its importance, i.e elective or compulsory.
- Based on the result of academic planning, the course workload and topics breakdown with the corresponding hourly requirement are used in the creation of timetable schedule for each program level and class.
- The timetable for each level of students and faculties are generated and published both in the student and faculty portals.
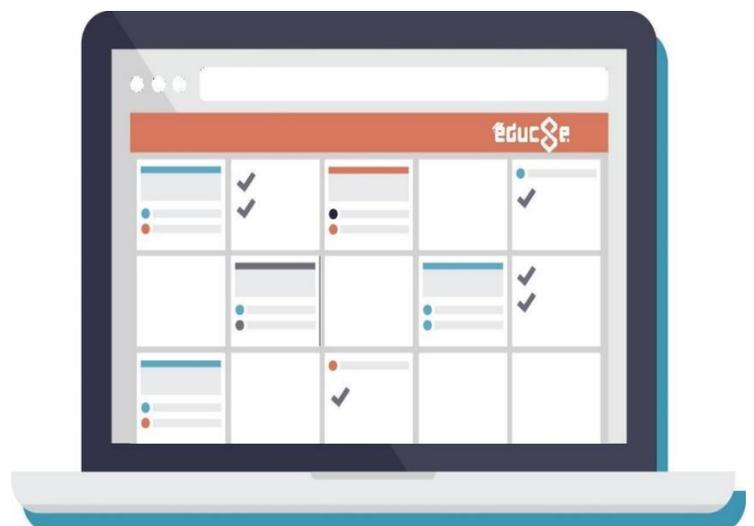
Virtual Classes

- Setup Teams for education virtual classes as online environment for live interaction between tutor and learners.
- Notification is sent to registered student ahead of the upcoming class.
- Student access and participate in the virtual class anywhere in the world via videoconferencing
- Accessible education to students even outside the geographical location of the school.
- Online whiteboard for real-time collaboration.
- Breakout rooms for group chat and assignment.
- Coordinate research across institutions online.
- Easily facilitate student life efforts like clubs and other extracurricular activities all from a single experience.
- Transparent assignment and grading are available for the lecturers to move quickly and effortlessly from creation to feedback.
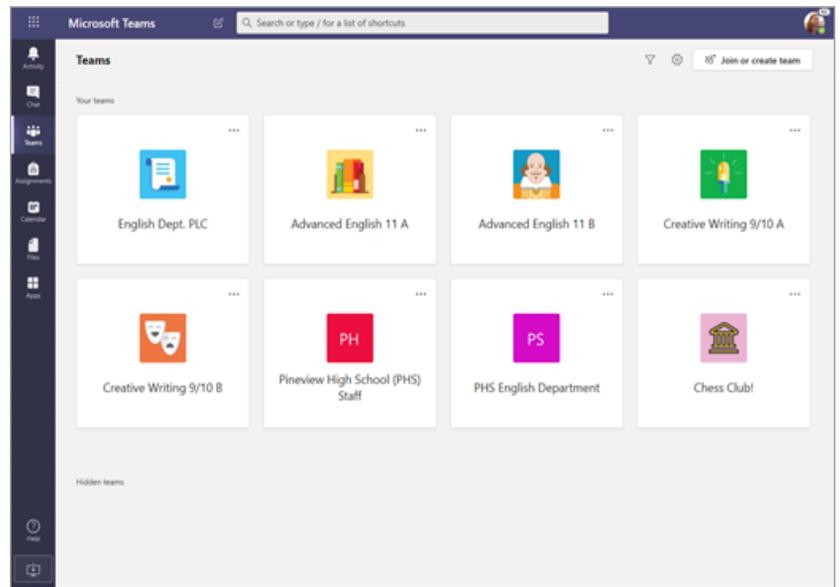
Attendance

- Using facial recognition, student logs in and the system authenticate with already captured biometric data.
- Integration with biometric device to eliminate students signing for each other.
- Passcode generated by lecturer per class and used by student to capture attendance.
- This module uses full automation to track attendance of both students and staff.
- This module allows combination of options for
- All class attendance is tracked and recorded with GPS coordinates, device IMEI numbers, and MAC addresses of student devices to eliminate collusion and "tail-gating" by students.
- Suspected attendance is tagged for investigation.
- Biometric attendance is advocated for examination attendance of student and invigilators.

Assessment

- The electronic enabled assessment module provides tools for class assignments, tests, individual and group projects, drastically reducing the time taken for assessment and eliminating errors while bringing transparency and reliability to the various assessment processes.
- This module is also intergrated LMS (Learning Management System) for better learning experience.
- Each student can see all his tests, assignments, and projects score and performance on the portal without having to approach the lecturer directly, thereby eliminating possible harassment by either lecturer or students.
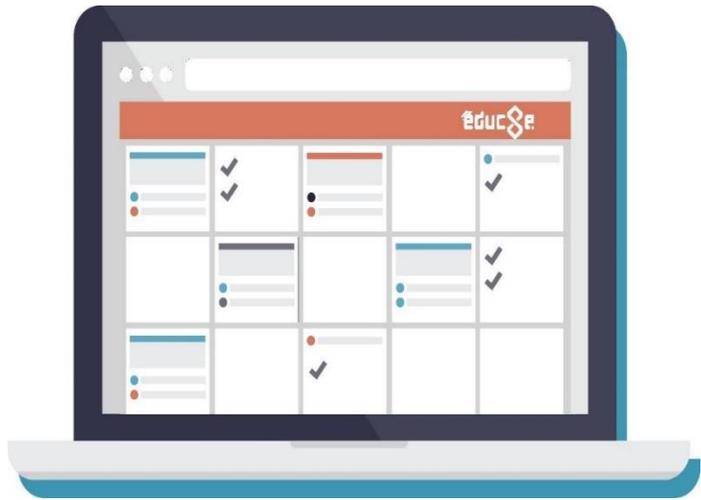
Examination Management

- Examination timetable for each program and level considering different constraints such as exam conflict and resources management.
- Creates exam dockets for eligible students.
- Integration with biometric device to verify students eligible to write exams.
- Allot invigilators for exam duty and track attendance.
- This module aids faculties to conduct flawless examinations with minimum effort and speeds up the result declaration process.

Project

- The Project module provides an electronic platform for the management of academic-related projects undertaken by an individual or group of students under the supervisor of a faculty member as a project supervisor
- It enables programme organisers or project coordinators for each academic department to assign project topics according to the preferences and academic record of the students.
- The module provides a collaborative electronic platform to support the activities of the programme coordinator, project supervisors, and student project members.

Result Processing
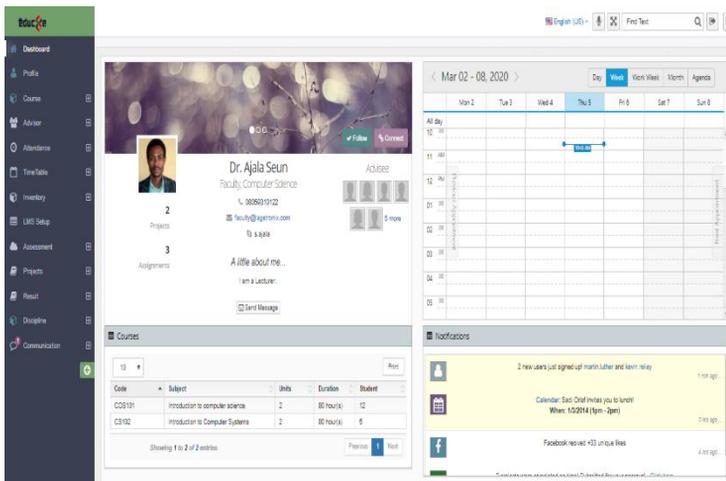
- Built-in degree audit system that tracks student progress and ensures compliance with each levels requirement in relations to grades for courses, projects, class attendance, and industrial and work placement training.
- Based on set grades, Educ8e generates result sheets for students of each program level.
- The results of tests, assignments, projects and laboratory exercises uploaded by the faculty through their portals are aggregated by the result module for verification and approval by the authorities as defined in the school's workflow.
- Student and guardians can also access the result page on their portal.

Faculty Directory

- The faculty directory maintains the personal information of the faculty members, courses taught, specializations, education, job history and other biographic details and
- It integrates directly with the human resources management system where it is available or the data can be warehoused directly in the faculty directory.

Faculty Portal
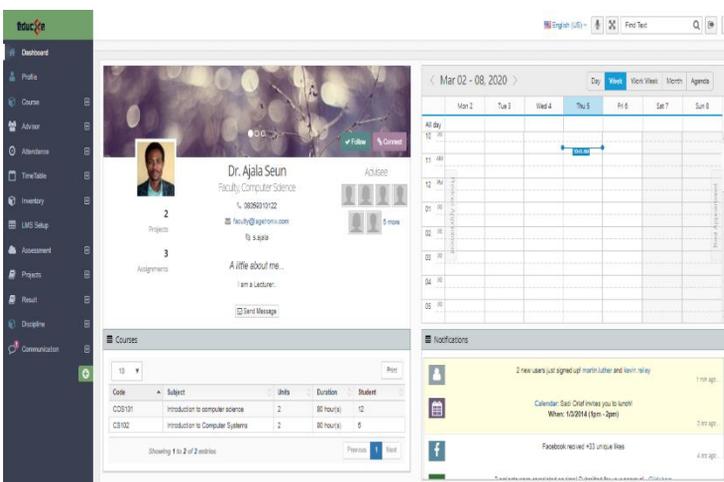
- The Faculty portal enables the lecturer to have access to the required modules of educ8e and interact with students, school administration and parents.
- Assignment posting, uploading of grades, attendance, student advisement and a host of other activities are carried out through the portal
- Faculty portal makes life simpler by automating routine tasks and giving the faculty powerful tools to make the education process more engaging for students.
- It also simplifies and encourages communication with students and parents.

Finance

- The finance module's unparalleled integration of financial and accounting information provides increased transparency, accuracy, efficeincy and accountability.

- The students being the only "customer" and major source of revenue needs to be accurately billed at the beginning of each semester, term or session.

- Its integration with with other Financial systems enables holistic management of the student and the institution business process on a single integrated platform.

Reports & Business Intelligence

- The built-in business intelligence tools empower institutions management to interact with the system through intuitive dashboards with data visualization enabling data-informed strategic decision making.

- It warehouses standard reports for all the educ8e modules and also allows end-users to design additional custom reports based on their specifications and requirements.

- An enterprise reporting platform based on open Report Definition Language (RDL) for all the modules in educ8e includes an intuitive drag-and-drop-powered report designer application for visually composing reports and a web server application for sharing reports

School Clinic

- This Module helps the school clinic manage different activities like patient registration which includes personal data capture and medical vitals

- It manages appointment and scheduling, outpatient management, Laboratory Management, pharmacy management

- Discharge summary, consultant management, security management, accounts management, inventory management, reports and reception management

- This makes medical consultation and treatment more efficient.

E-wallet

- E-Wallet (Electronic Wallet) frees the institution parents and students from the problem associated with handling cash in schools with a high risk of theft as students no longer need to carry cash for purchases within the school premises.

- The institution's issued ID card becomes an all-inclusive card providing both identification and credit card functions.

- E-wallet allows parents/students to credit their account with funds for school-related purchases such as cafeteria, art supplies, stationeries, snacks, ticket sales, and any other items offered within the institution's premises.

Communication

- This module is responsible for generating alerts and notifications to students, faculty and other entities within the school.

- It disseminates information to all the stakeholders (Student/Faculty/Guardian).

- It supports the following channels: email, SMS, WhatsApp & messenger.

- It is a service tool for all the other modules within educ8e to provide bidirectional communication to users and other interested parties.
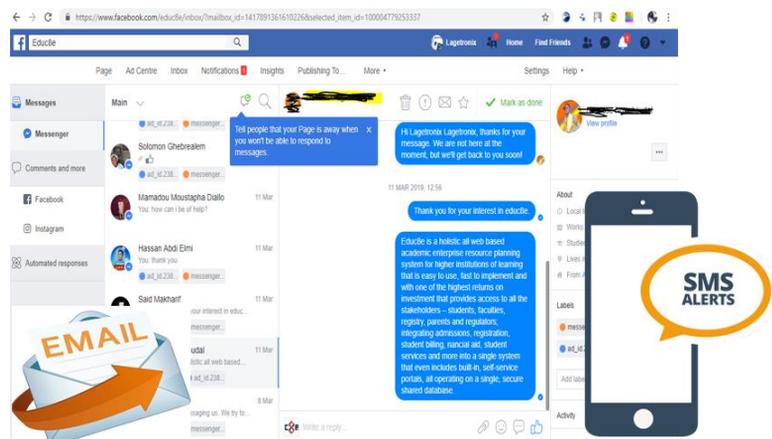
Inventory

- Allocate books, journals, sport wears and other resources to students easily.

- Educ8e manages the issuance process and track which students have received an allocation.

- This module is tightly integrated with ERP where inventory locations and items procurement are managed.

- It enables proper forecasting of required items based on the student population for each course.

- Manage inventory receipts, shipments, returns and adjustments.

Hostel

- The hostel module helps in managing hostel buildings, rooms, units, porters and all associated parts effectively.

- The type, cost and gender parity of each hostel is defined for effective management.

- It maintains hostel register of students, room allocated, bed and other related details.

- Contrary to the stressful manual allocation of rooms, hostel module allocates rooms to students based on predefined parameters.

Facility

- The Facility Management module assists in managing all facilities owned by a school like buildings, facilities, equipment and plants.

- The module warehouses the following registers: building, units and equipment, and their contents that are also fixed asset items.

- Each unit of a building is associated with the equipment and plants they contain.

- The built-in help desk allows students and faculties to lodge complaints about faulty equipment and services and enable the maintenance unit to generate work orders to technicians and vendors.

Disciplinary

- The Disciplinary module simplifies the time-consuming and challenging task of tracking student behavior and helps improve discipline by ensuring that students are held accountable for their actions.

- It keeps track of disciplinary incidents, maintains related records, notifies parents of infractions and produce reports, notices, forms, and other documents.

- This module provides a robust and flexible incident tracker of all misconduct by both students and faculty and the measures taken by the school to address reported issues.
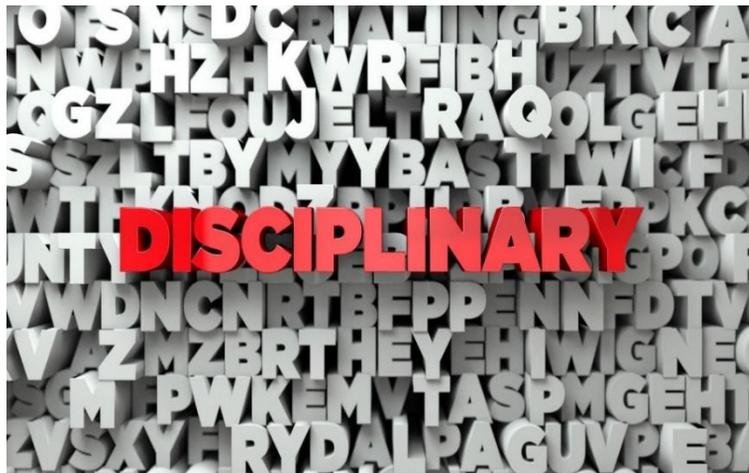
Senate

- The senate module automates the operations of the institutions highest decision-making body to enable it to operate more efficiently.

- It manages the membership of the senate or council from the faculties representing each faculty or college.

- The senate calendar keeps track of scheduled and emergency meetings of the council or its committees and notifies members of the date, venue, and timing.

Guardian Portal

- The guardian portal provides parents and guardians the required tool to keep abreast of their wards KPIs that are important for their overall success.

- It enables parents and guardians or sponsors to have access to essential data and alerts about their wards.

- Parents and guardian can also communicate with school and faculties on issues raised about their ward and resolve it urgently.

Library

- This maintains complete data for books/magazines, newspaper, issue and return of books, fine management and generation of dues and reports.
- It maintains the register, books catalogue, books purchased list, etc and tracks all books, journals and other resources issued to both student and staff.
- It allows you to manage the entire library through its simple and interactive way.
- It allows librarian(s) to manage all items details (e.g author name, edition, publishers, language, etc.)

Alumni

- Graduating student's data is automatically enrolled in the alumni database inheriting their login credentials from their student portal.
- Through the alumni portal, alumni are encouraged to update their details information, including biographical data with photographs, career information, email address, and contact details.
- This module enables the institution to nurture and manage its alumni network by facilitating engagement, community-building, networking, and communication.
- Various support groups are created based on faculty and other interest groups.