E-GOVERNANCE REPORT

Screen short of ERP softwares, Mobile appilcations and open source integrated library management system

EMEA COLLEGE OF ARTS & SCIENCE

Affiliated to the University of Calicut | Re Accredited with A Grade by NAAC

Kondotty. Malappuram Kerala - 673638

E-Governance

Definition: E-governance, expands to **electronic governance**, is the integration of **Information and Communication Technology (ICT)** in all the processes, with the aim of enhancing government ability to address the needs of the general public. The basic purpose of e-governance is to simplify processes for all, i.e. government, citizens, businesses, etc. at National, State and local levels.

In short, it is the use of electronic means, to **promote good governance**. It connotes the implementation of information technology in the organizational processes and functions so as to cause **simple, moral, accountable and transparent governan**ce. It entails the access and delivery of institutional services, dissemination of information, communication in a quick and efficient manner.

Enterprise Resource Planning (ERP)

Definition: Enterprise Resource Planning, or otherwise known as ERP is an integrated software application, which firms use to manage and control their internal and external resources comprising financial resources, material, assets and human resources.

Put simply, ERP system unites various functions of management into a rationally integrated system to streamline processes and enable the movement of information among all business function. It can be understood as a description of systems wherein innovative information technology is used to manage all functional areas in an organization

Benefits of E-governance

- High transparency
- Increased convenience
- Direct participation of constituents
- Reduction in overall cost.

ERP Benefits

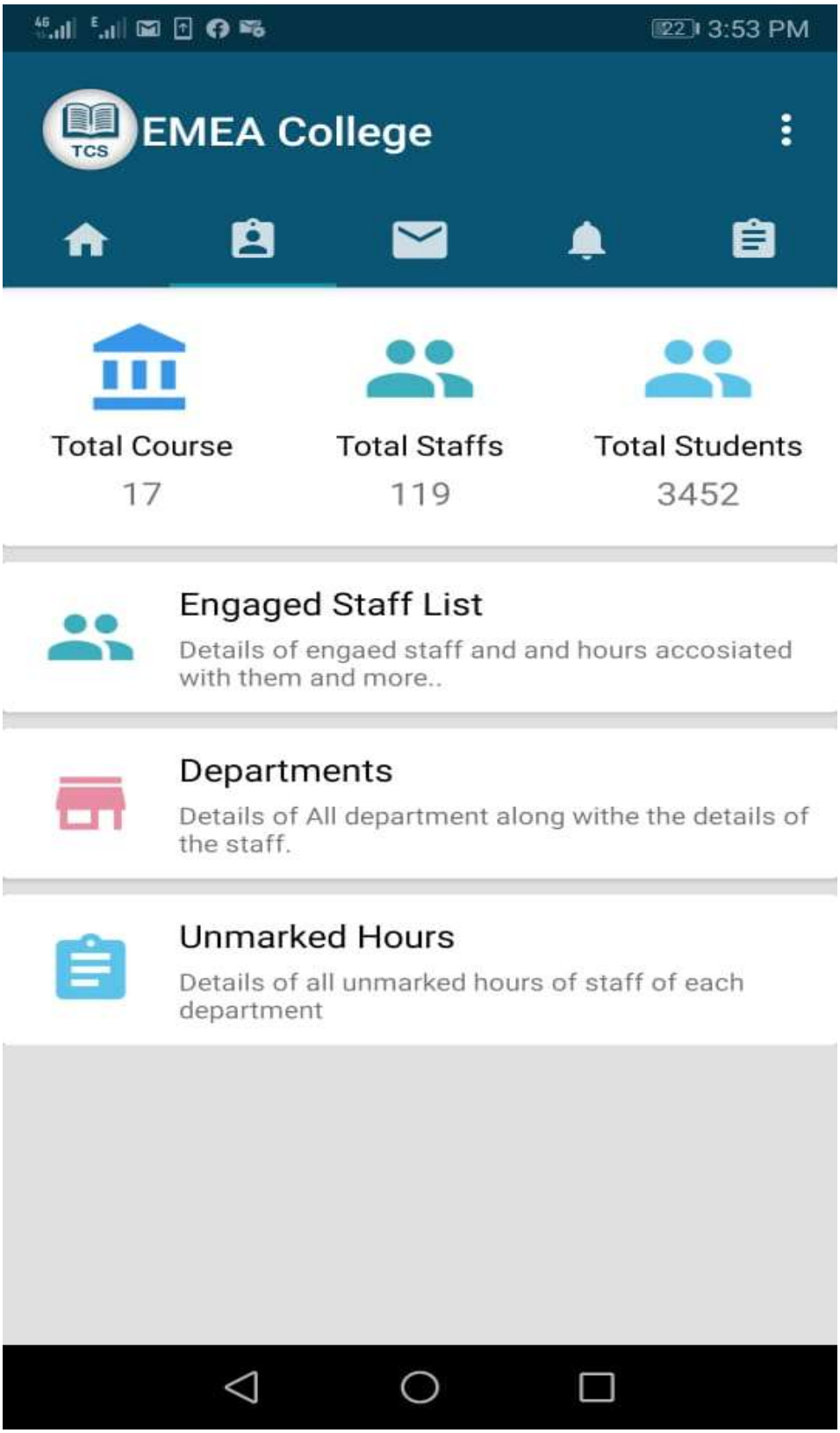
- Reduce the involvement of administration without affecting education
- Handover responsibilities without losing control
- Improve efficiency with existing number of non-teaching staff
- Remain competitive by identifying areas for cost reduction
- Strike a balance between stakeholder interests and educational responsibilities
- Set a path towards a model organization with Campus Management module
- Reduce the time spent by teaching staff on administrative tasks and help them increase the time spend on core-competencies
- One-time master data entry
- Manage Student & Parent related information
- Integration with self-help kiosks
- Lead tracking with no errors.
- Proper allocations and planning.
- Integrated library information system.
- Separate modules for separate department
- Customized reporting

TOTAL CAMPUS SOLUTION

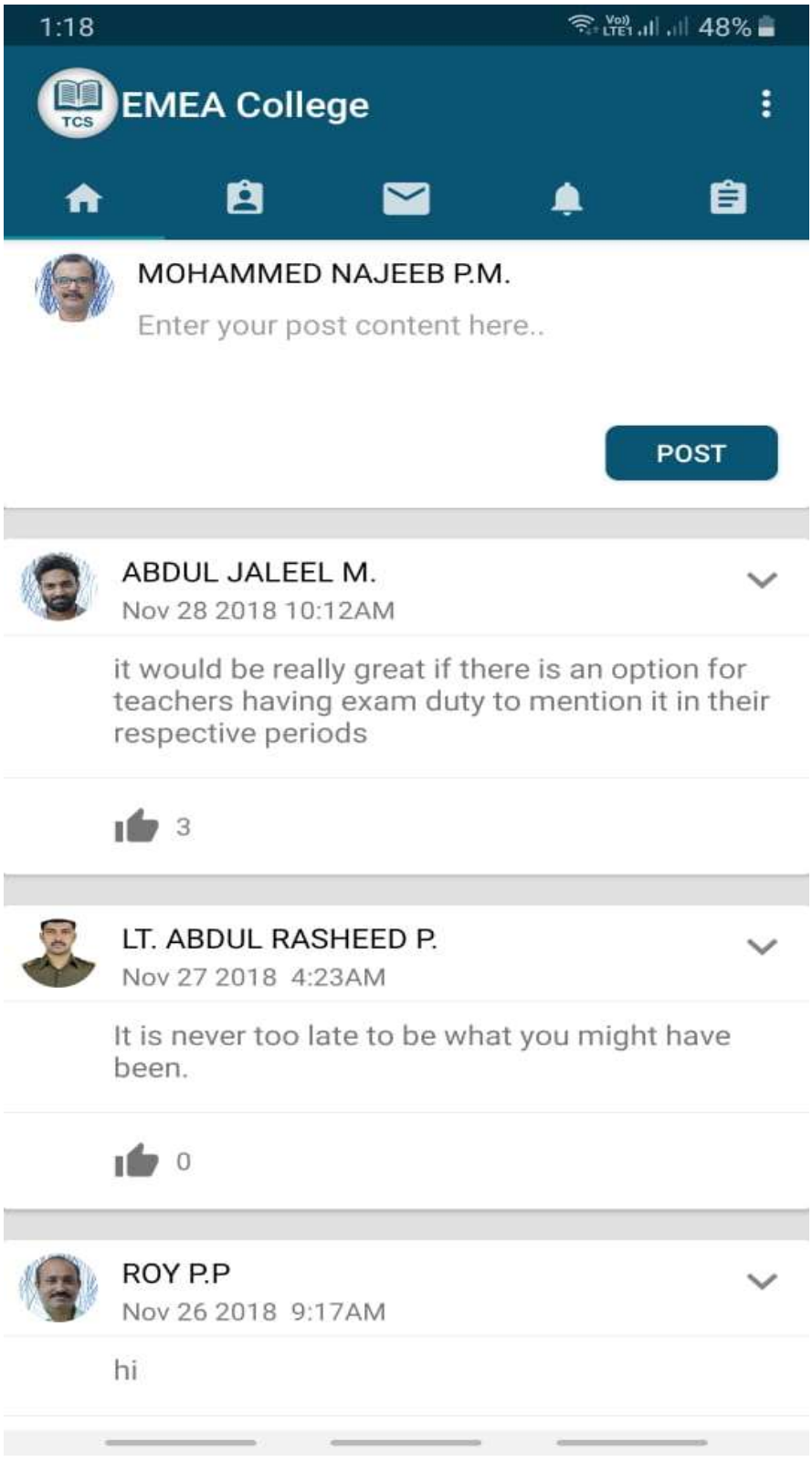
The management of a college and other higher educational institution may require a more proactive approach in making decision by the administration, and require the information at hand in most cases. Apart from the automation, there must be a control of work flow to make the activities of the institution streamlined and to improve the accountability of decisions, activities and operations in achieving the aims and objectives of the institution. Data analysis and reports should not only be comprehensive, but, it must be useful to influence the decisions. Hence, the name, Total Campus Solution Integrates Client server, Web technology and embedded system technology to provide a complete solution for both Government / Aided / Self Financing Institutions. Elegant in its operations concept of a Service Oriented Approach. Effective linking among faculty, parents, administrator and students to enter data and view reports of their own realm, but with the poll and nose knot headstall halter with administration.

m-Governance Mobile Application

Login Screen

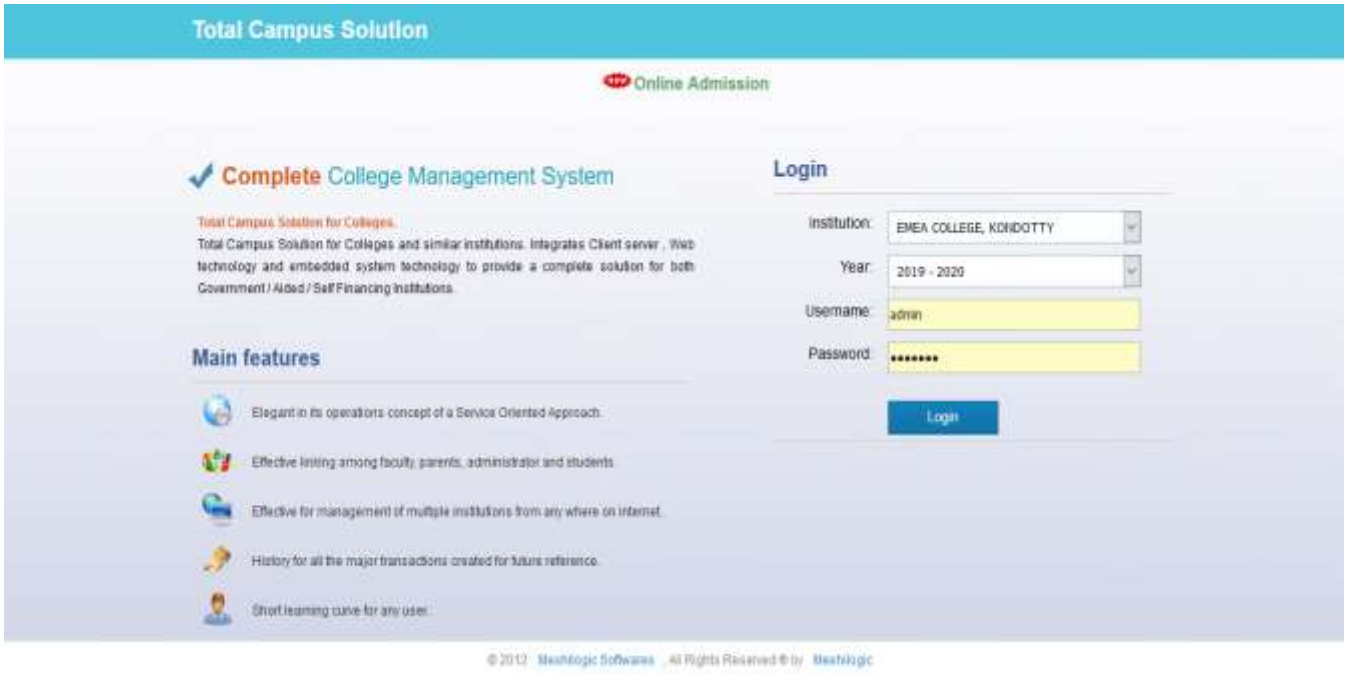


Principal's Screen

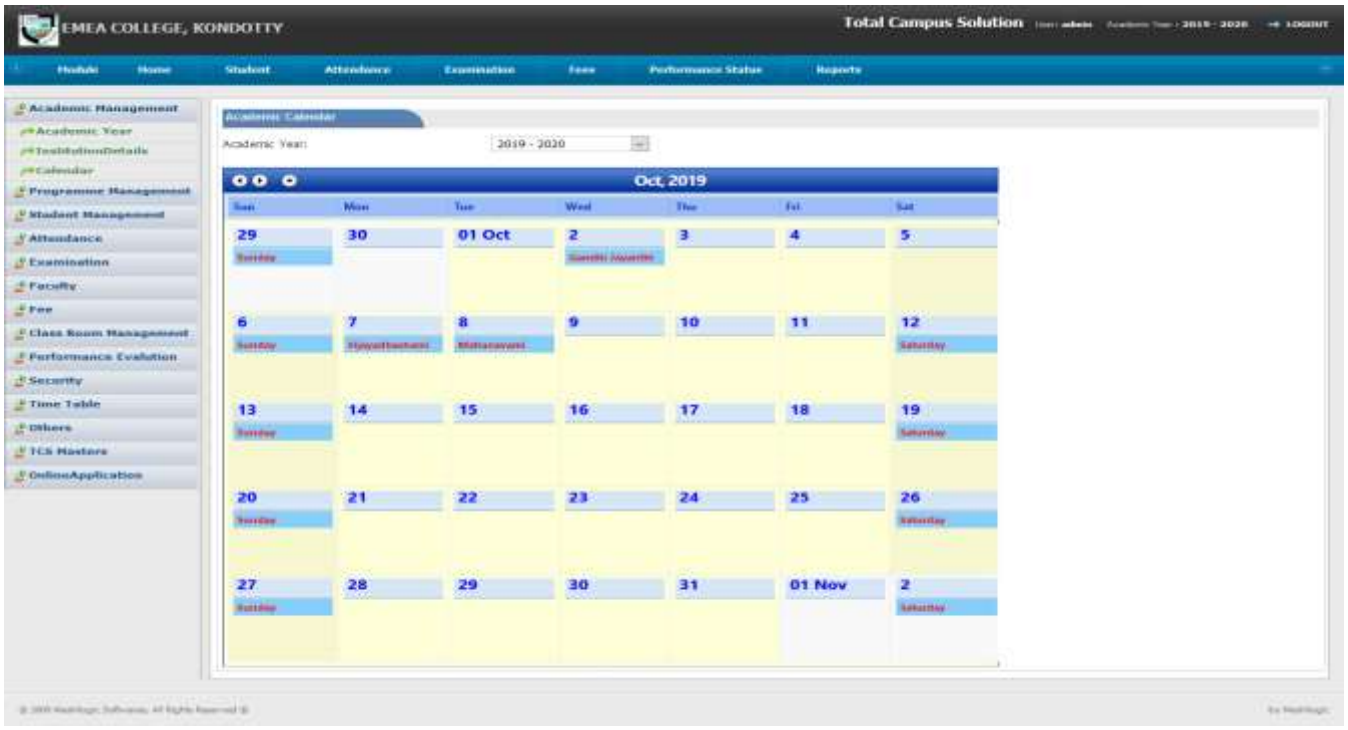


Faculty's Screen

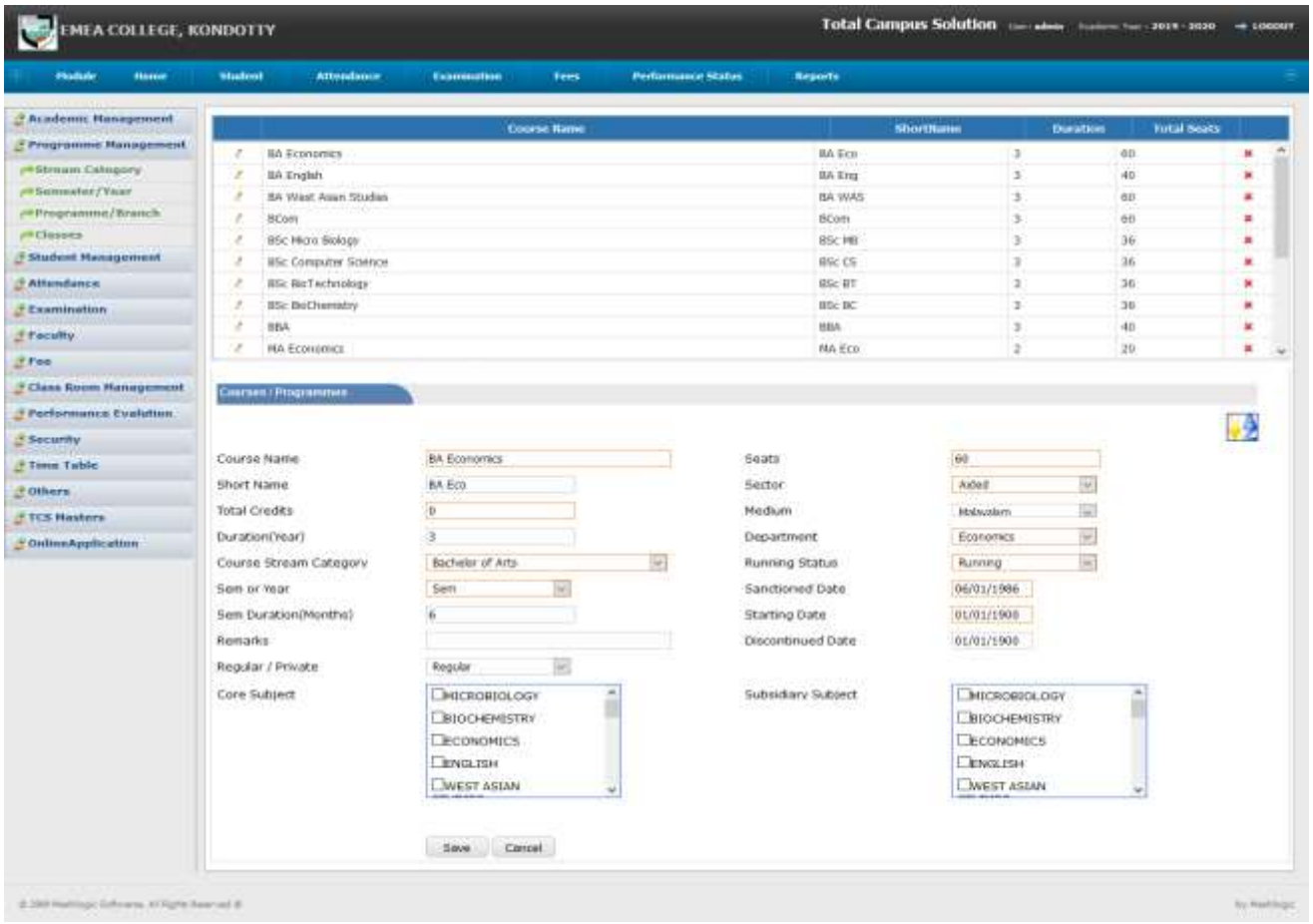
Web Enabled Educational ERP Solution



Login Page

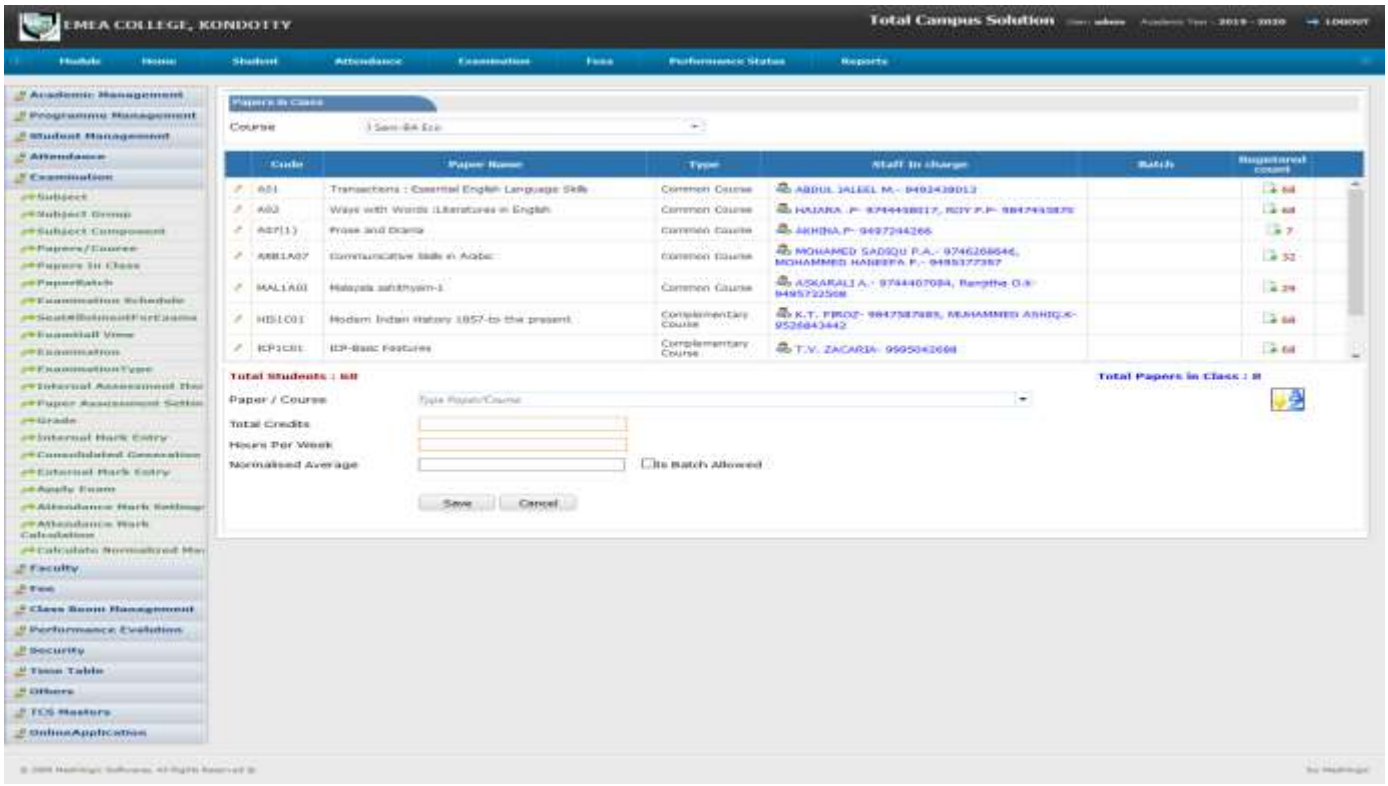


Academic Calendar

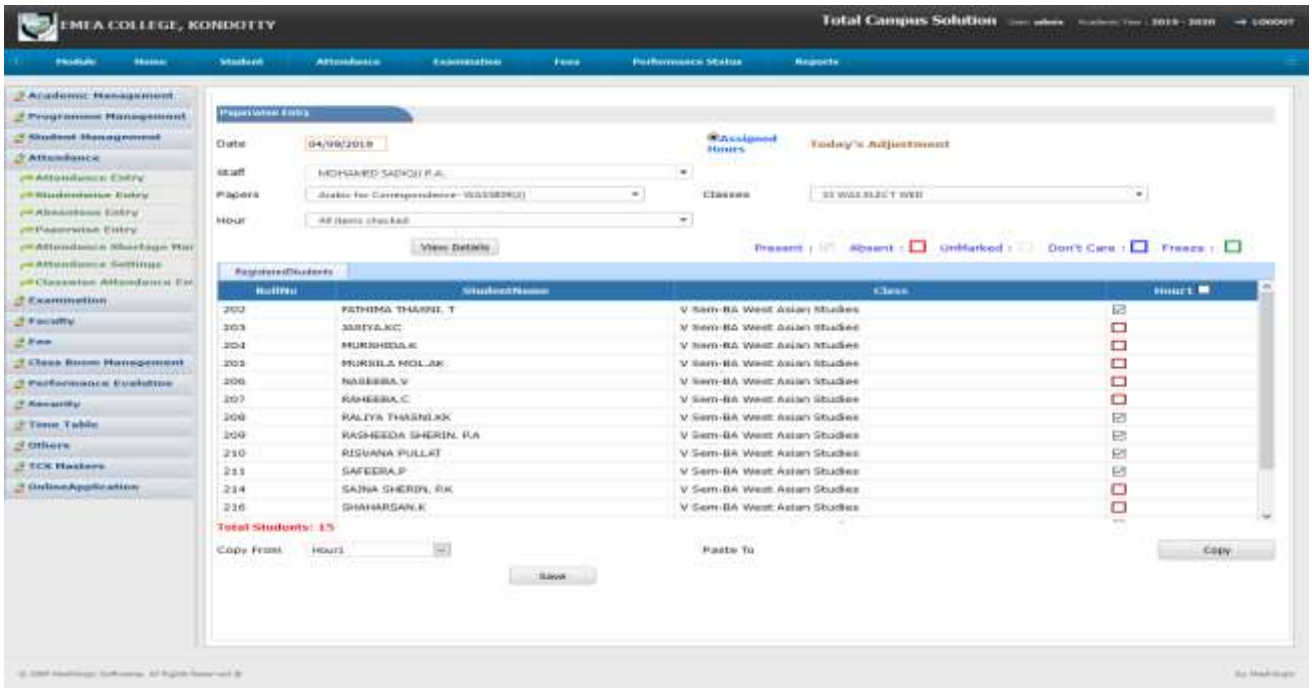


Programme Management

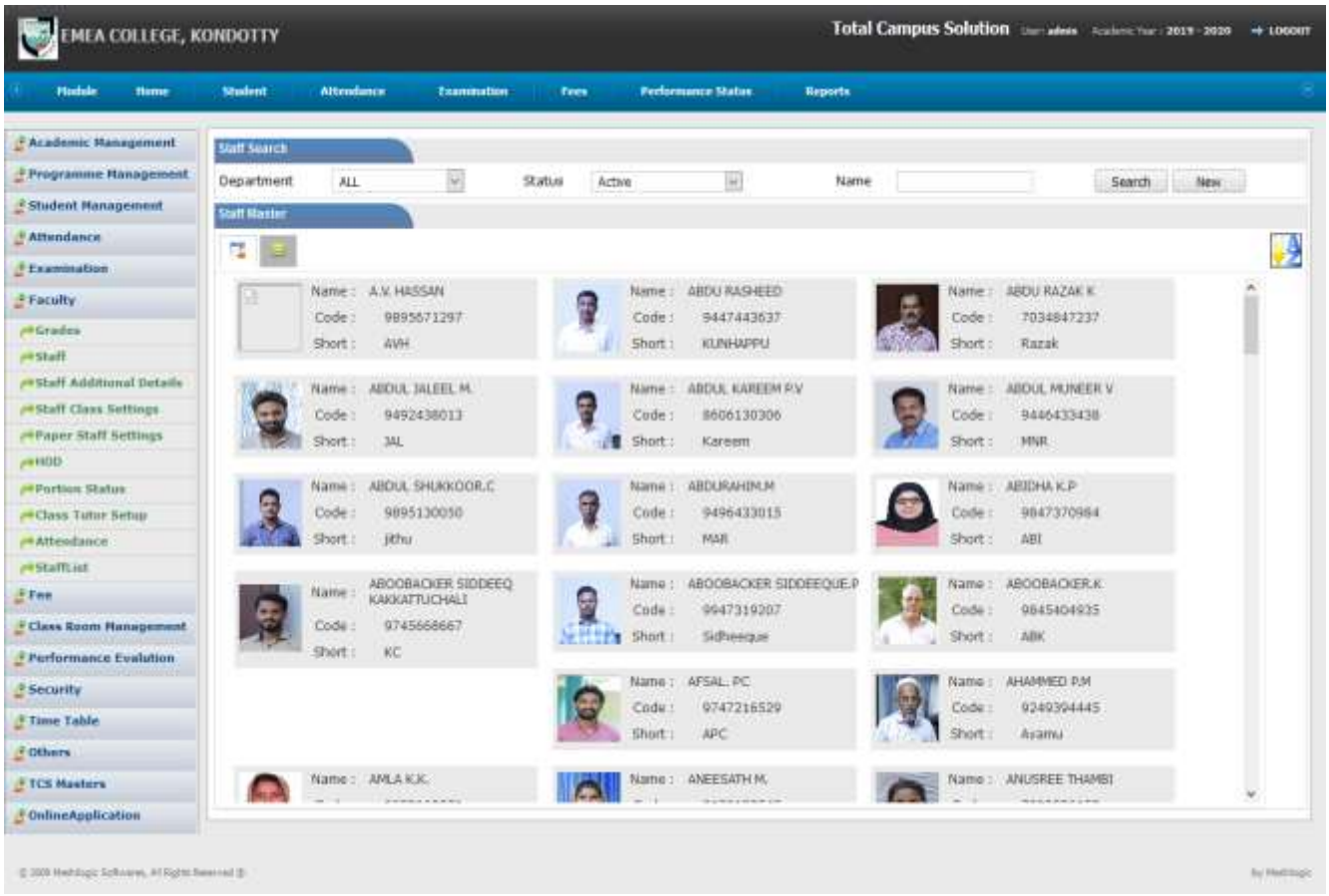
Student Management



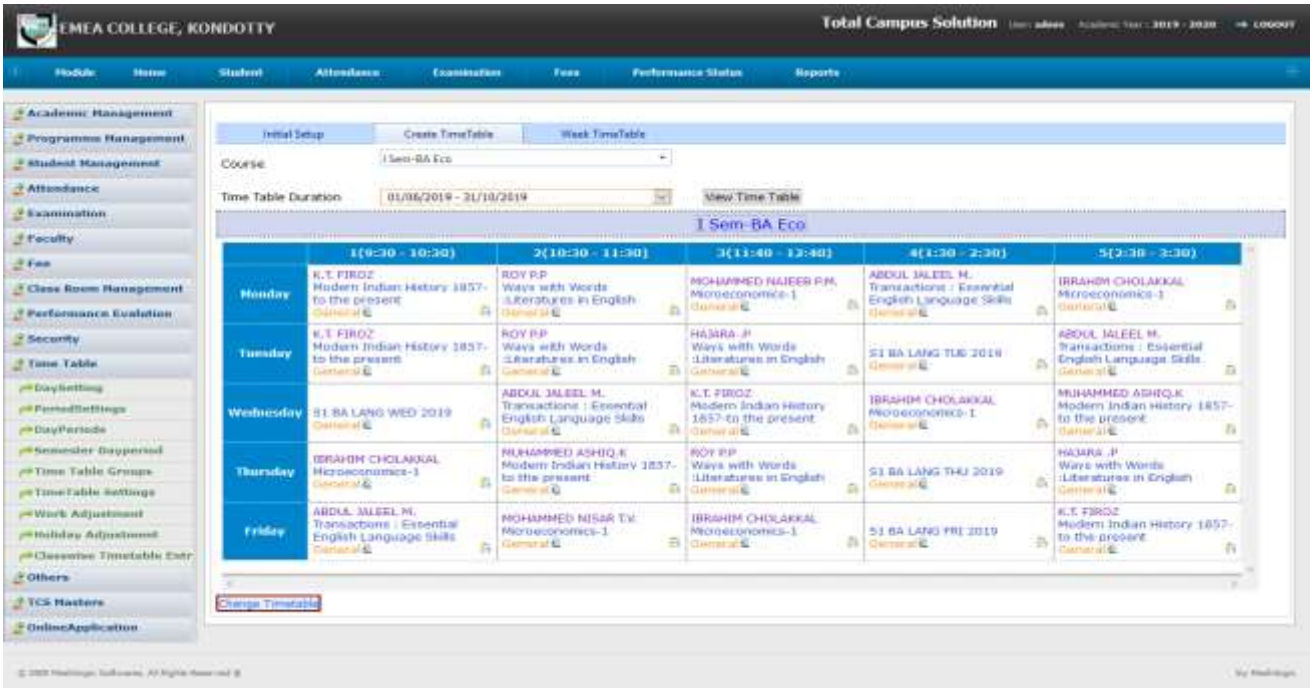
Course Management



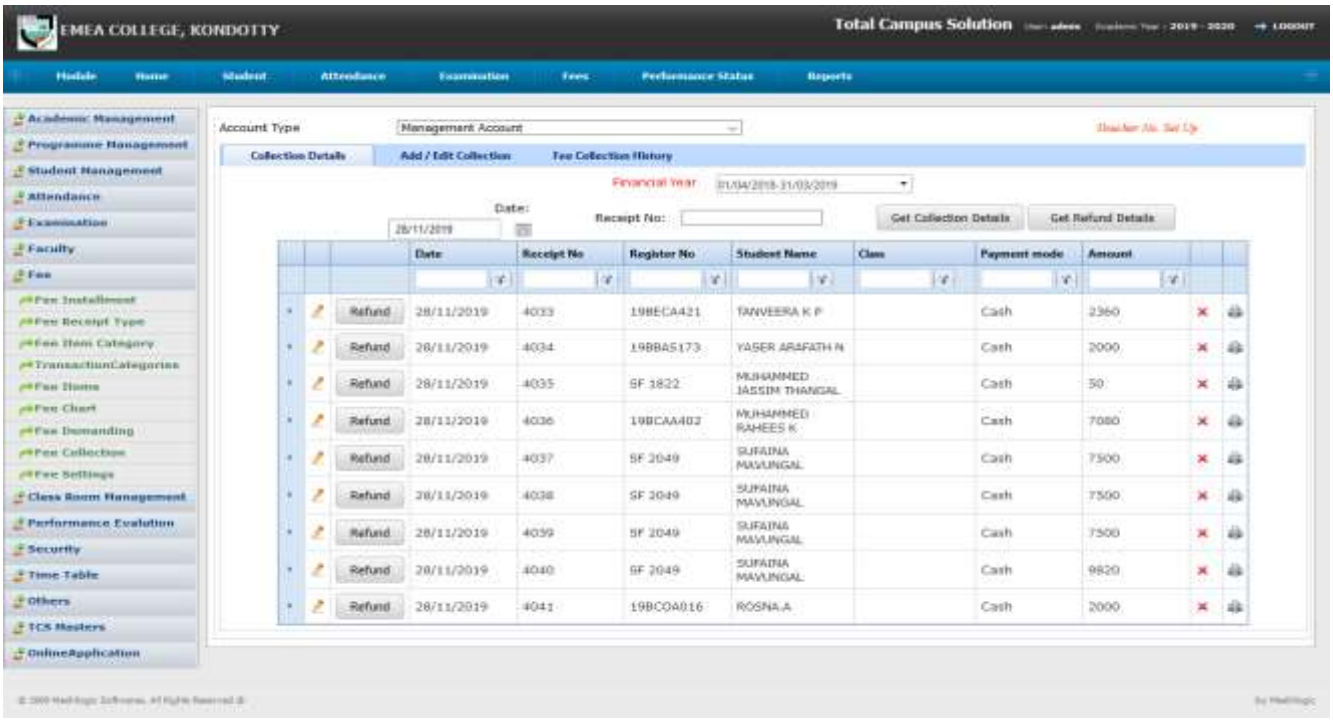
Attendance Management



Staff Management

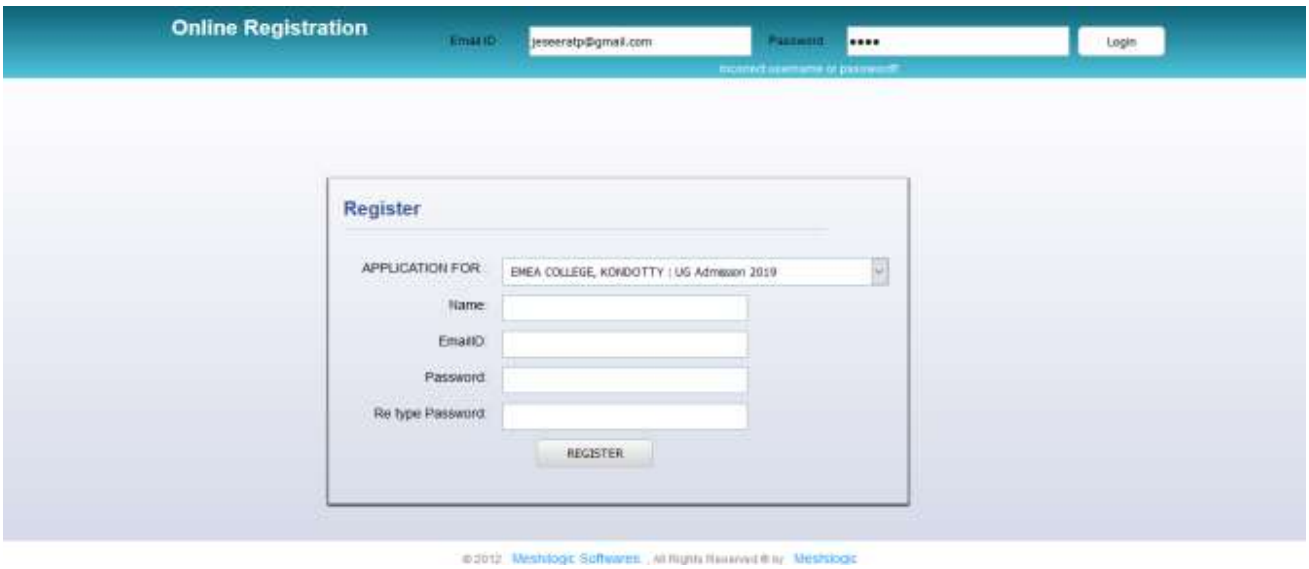


Time Table Generation

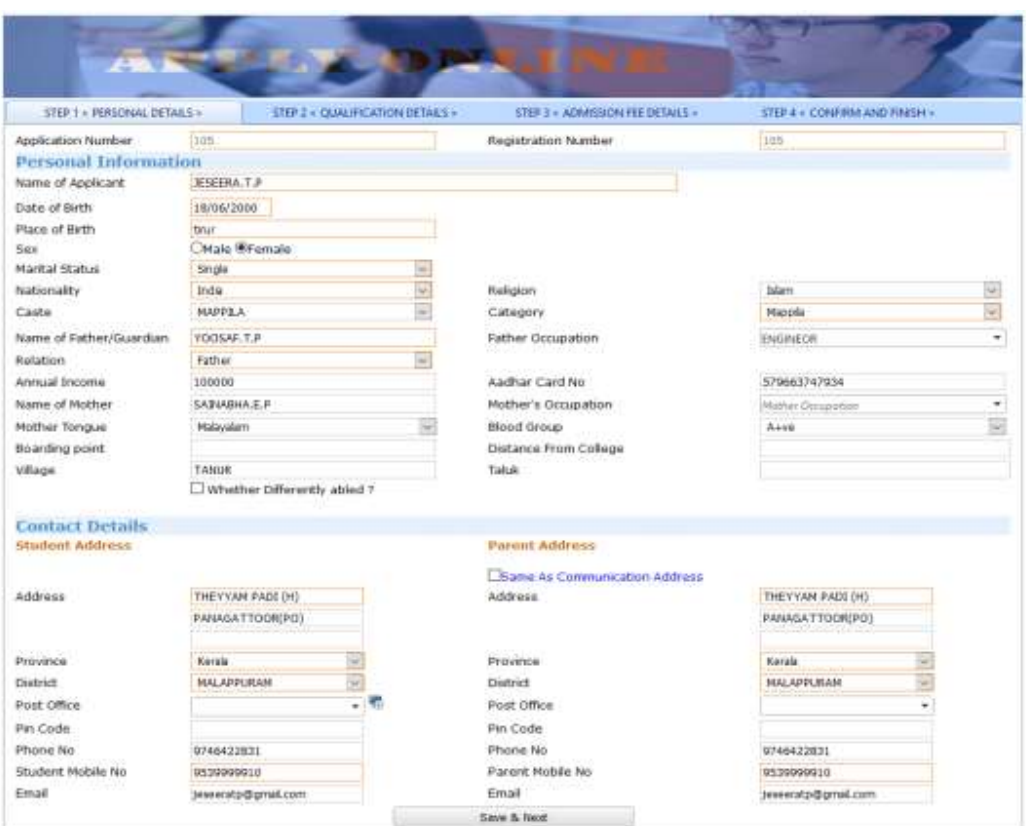


FEE Management

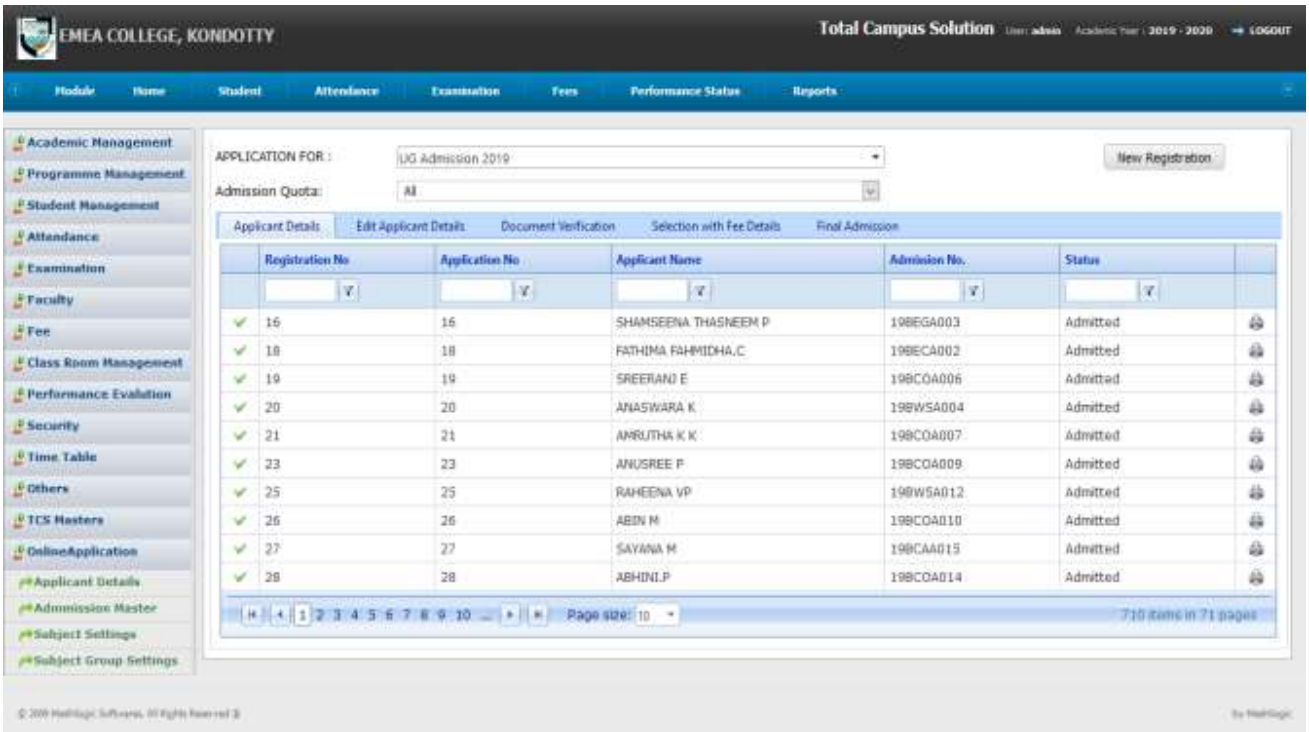
COLLEGE ONLINE ADMISSION PORTAL



College Online Registration Login Page

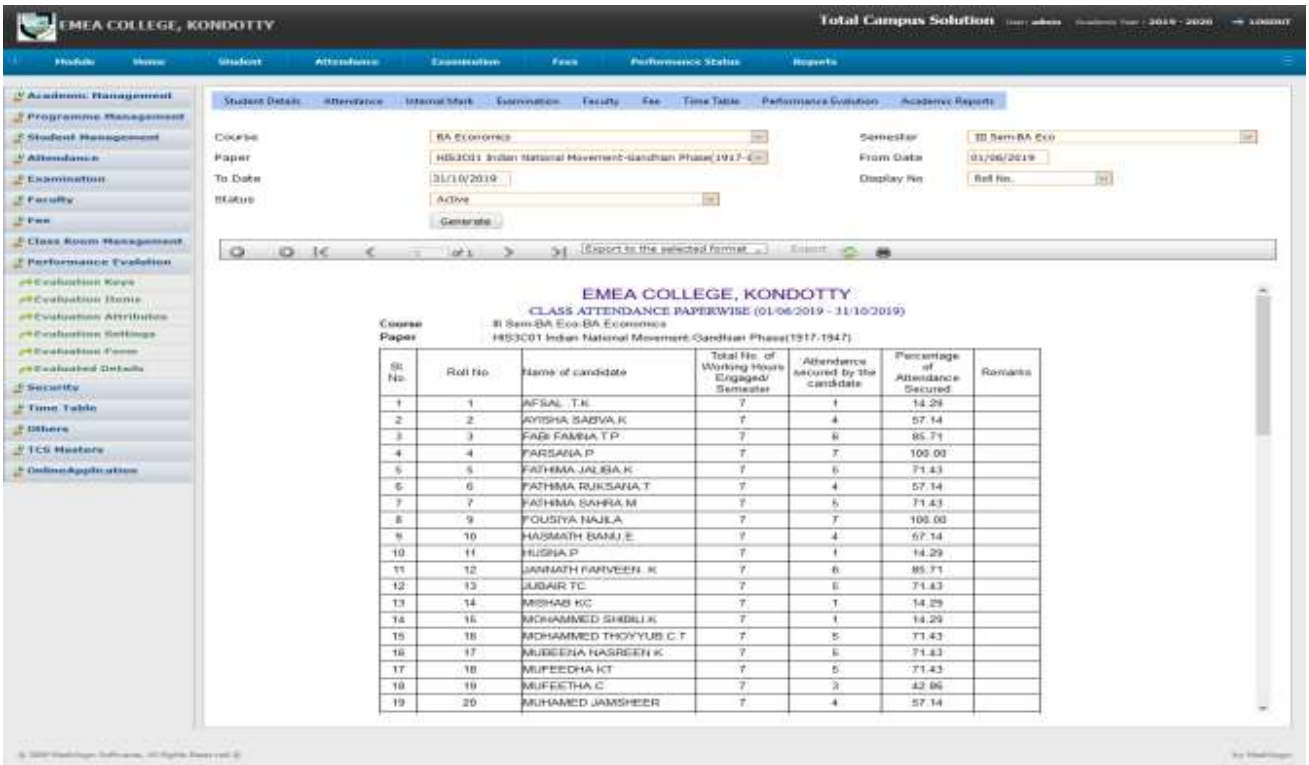


Personal Data Entry Page

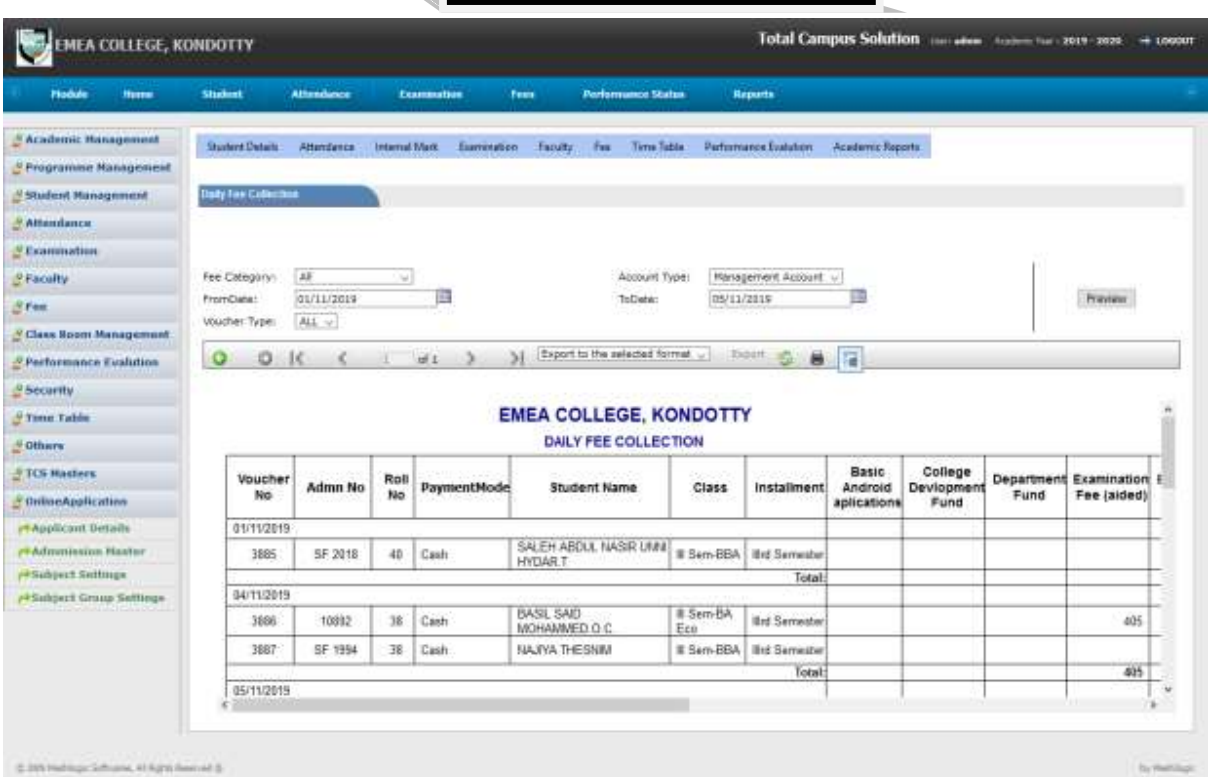


Applicant Details

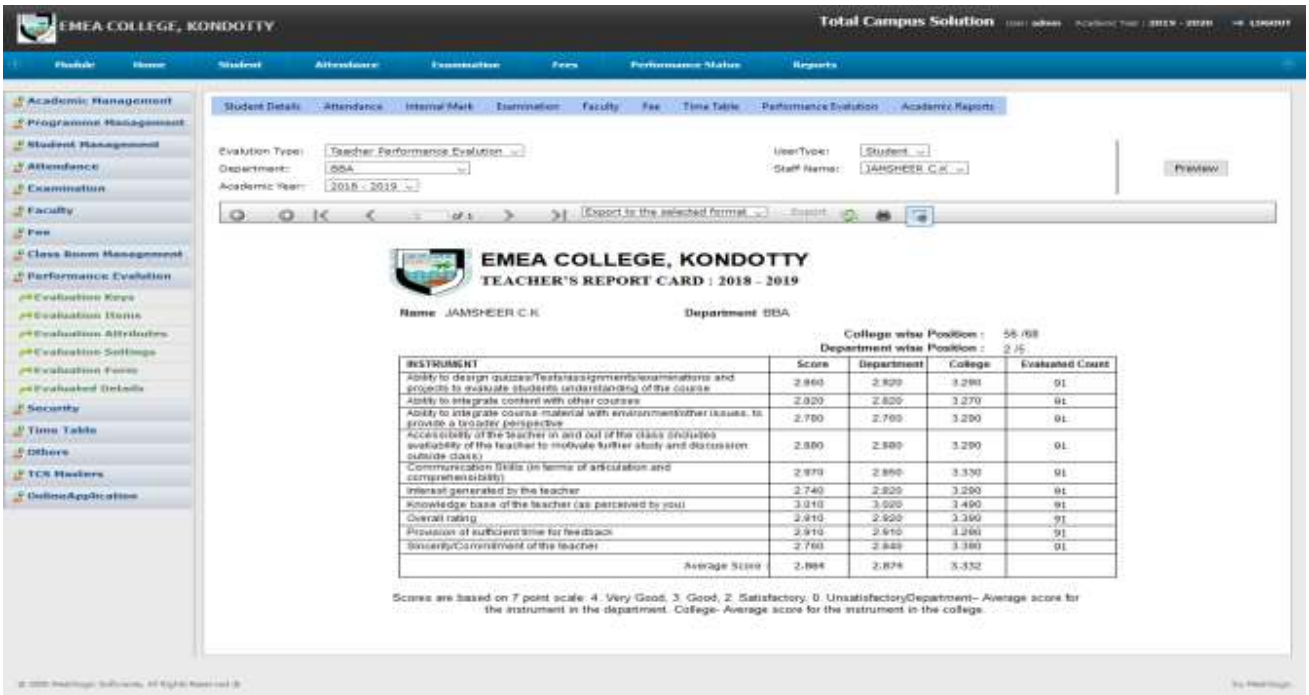
REPORTS SCREEN SHOTS



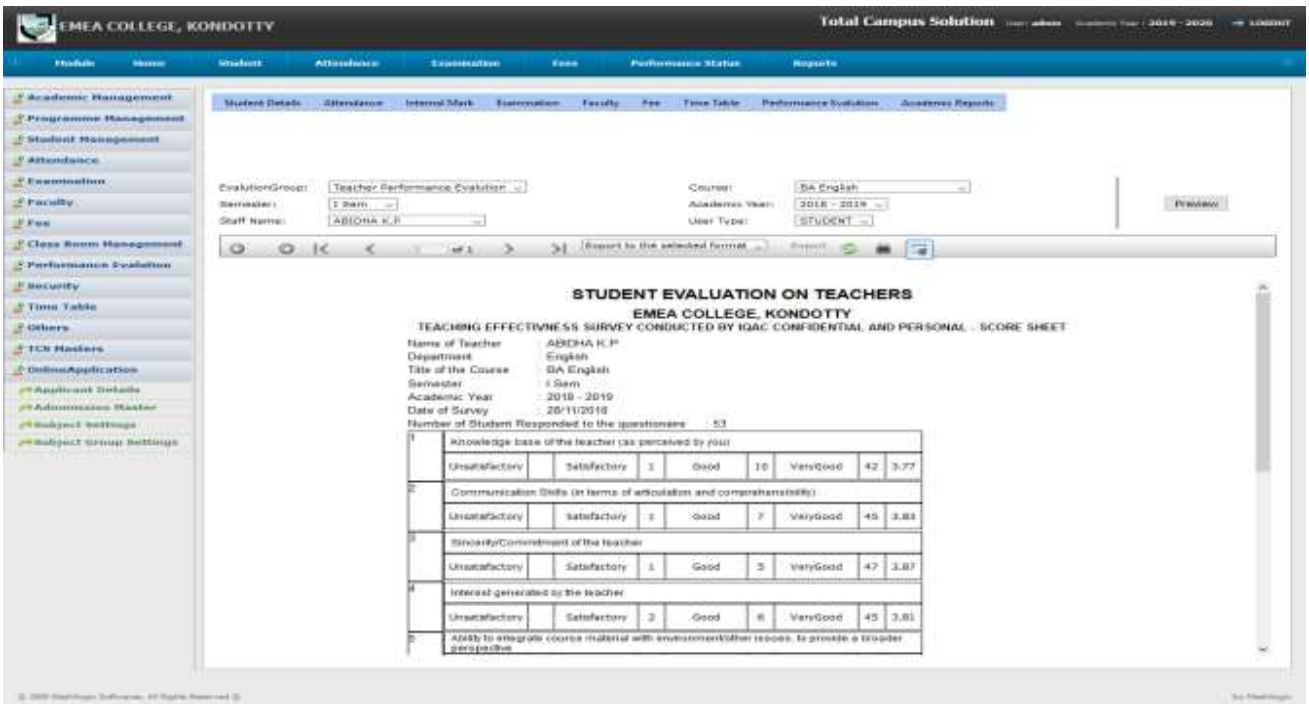
Consolidated Mark



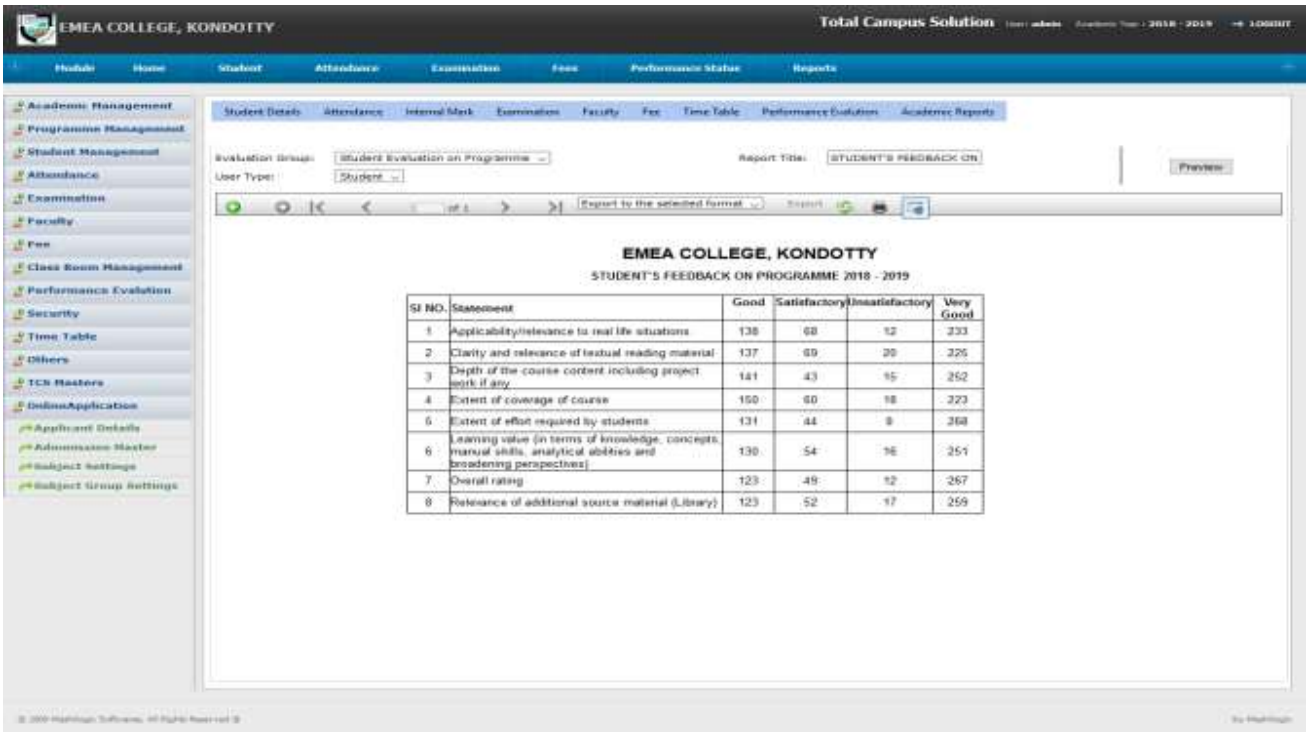
Daily Fee Collection Report



Teacher Performance Evaluation Analysis



Student Evaluation on Teachers



Sl NO.	Statement	Good	Satisfactory	Unsatisfactory	Very Good
1	Applicability/relevance to real life situations	138	68	12	233
2	Clarity and relevance of textual reading material	137	69	20	225
3	Depth of the course content including project work if any	141	43	15	252
4	Extent of coverage of course	150	60	18	223
5	Extent of effort required by students	131	44	9	268
6	Learning value (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)	130	54	16	251
7	Overall rating	123	49	12	267
8	Relevance of additional source material (Library)	123	52	17	259

Student Feedback on Programme

E. M. E. A. COLLEGE OF ARTS & SCIENCE, KONDOTTY

Re-accredited with A Grade by NACC
(Aided, Affiliated to Calicut University)
P.O. KUMMINIPARAMBA - 676338, MALAPPURAM(DT)

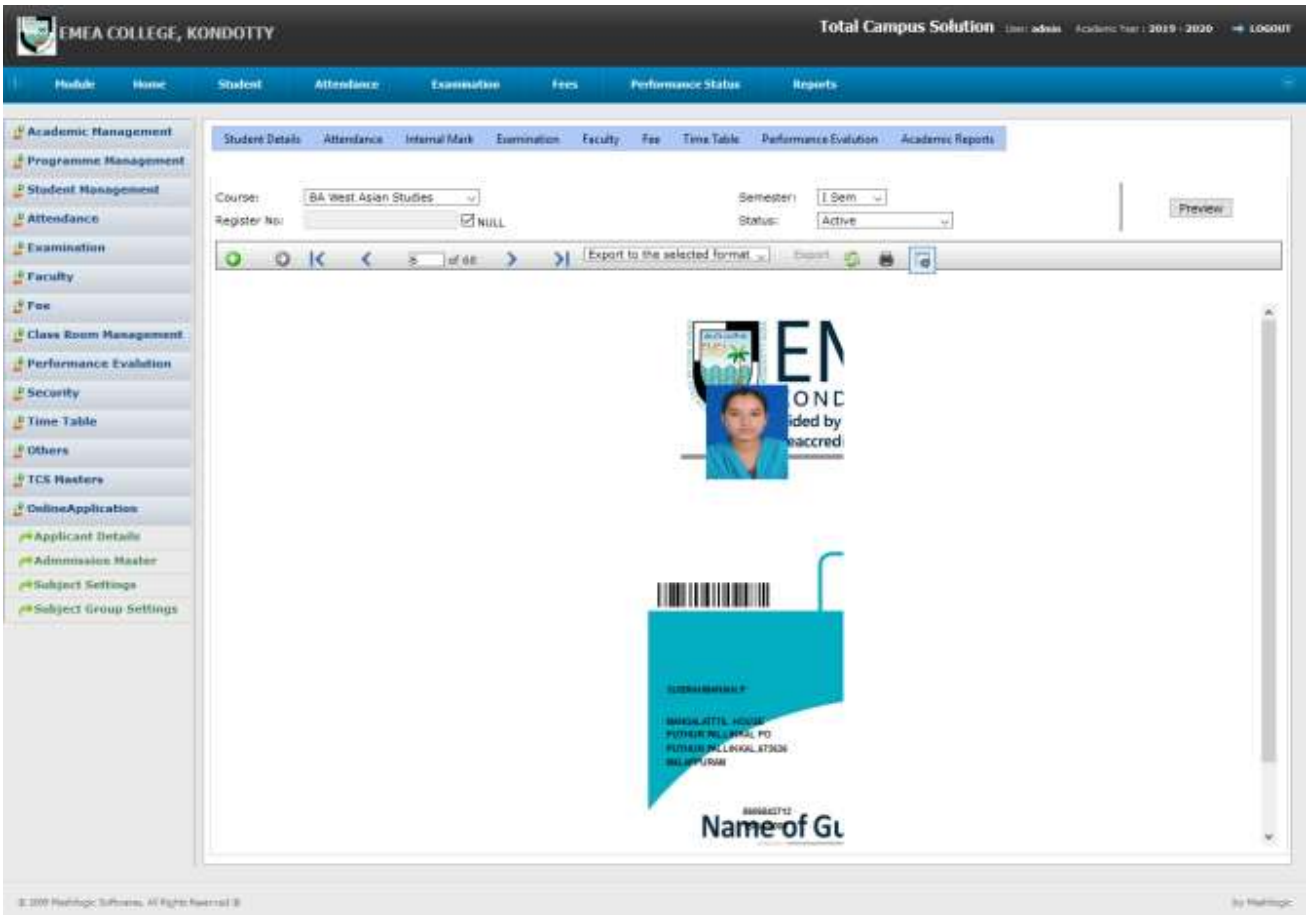
TRANSFER & CONDUCT CERTIFICATE

TC No. 414/2017-18 Date : 02/05/2018

1.	Name of the Student	: **BASIL. P.A**
2.	Date of Birth (in figures) (in Words)	: 04/04/1998 : Fourth April Nineteen Ninety Eight
3.	Admission No.	: 9545
4.	Date of Admission and date of leaving	: 23/06/2016 To 29/03/2018
5.	The class in which the Student studied at the timeof leaving	: VI Sem BCom With CA
6.	Whether Qualified For Promotion to a higher Class	: Course Completed
7.	Whether the student has paid all fees due to the institution	: Yes
8.	Name of Examination of the University for which the Student has been presented from the college	: Sixth Semester B.Com. Degree
9.	Reg.No. and Date of Examination	: EMAPBCM0113 March - 2018
10.	Whether the Student has Appeared for the Examination	: Yes
11.	Whether Passed or Failed	: Result Not Published
12.	Date of application for Transfer & ConductCertificate	: 02/05/2018
13.	Conduct	:

Principal

TC Certificate

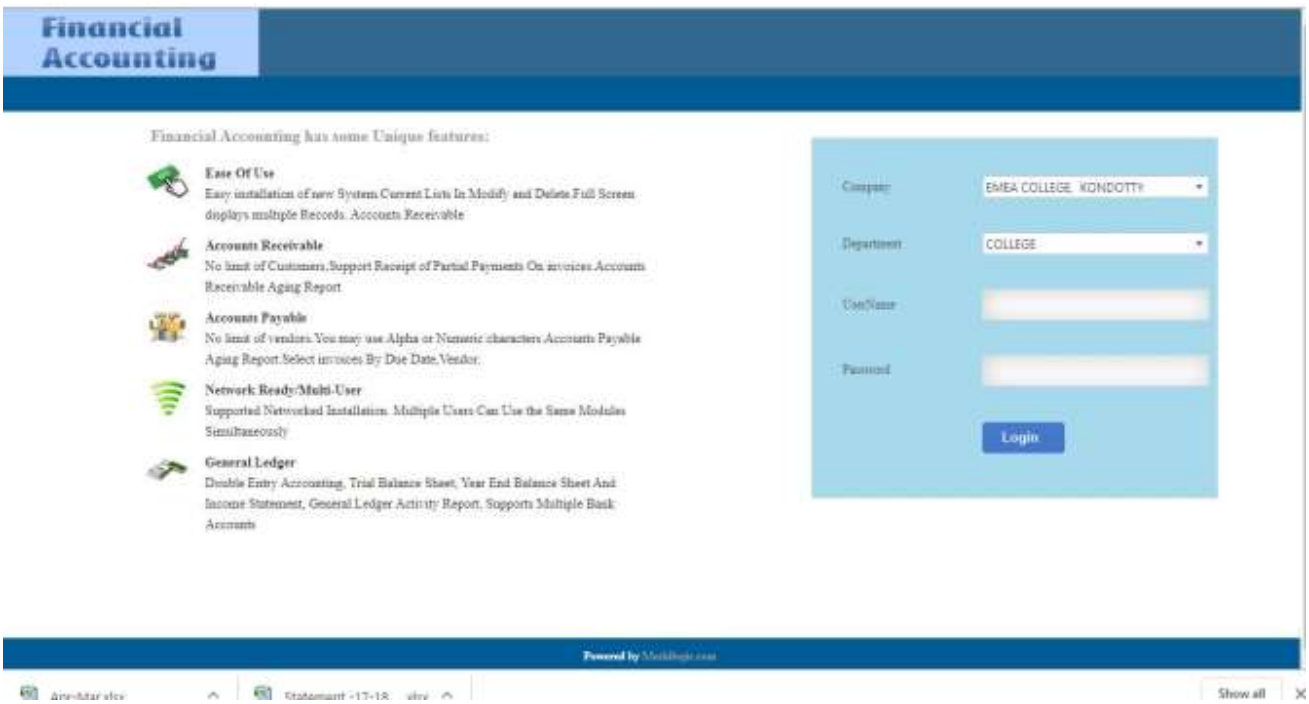


Student ID Card Generation

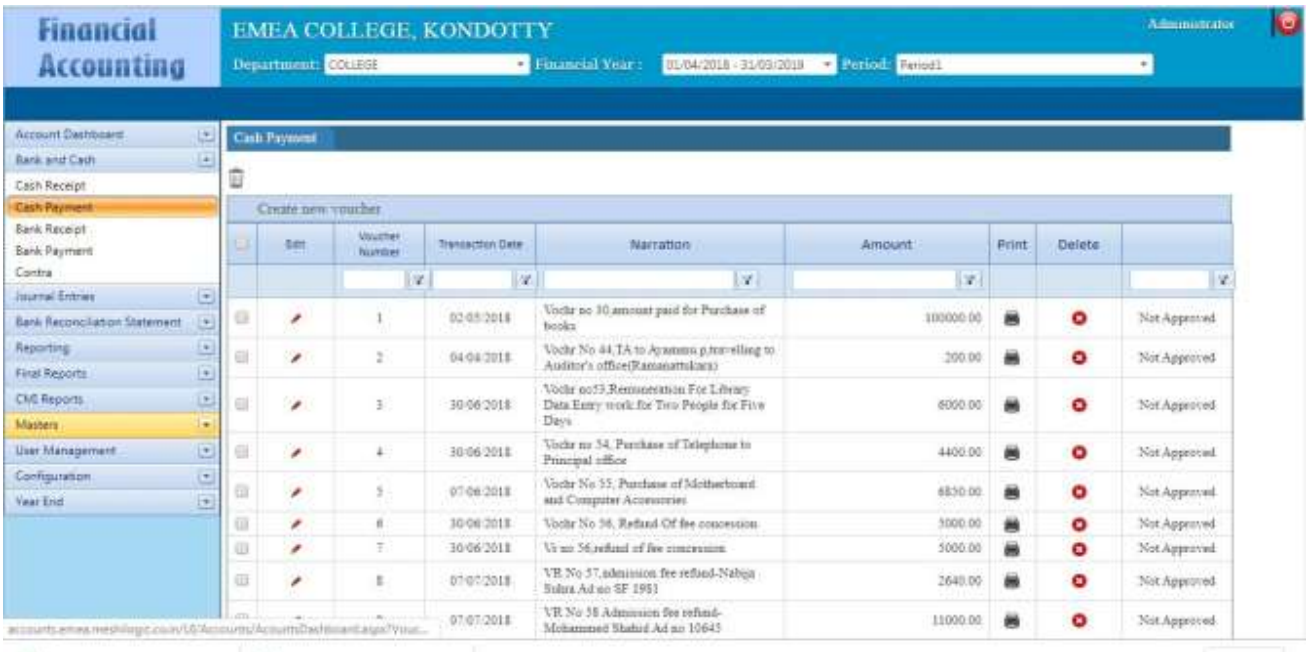
BIZNET

Inventory Control and Financial Accounting System

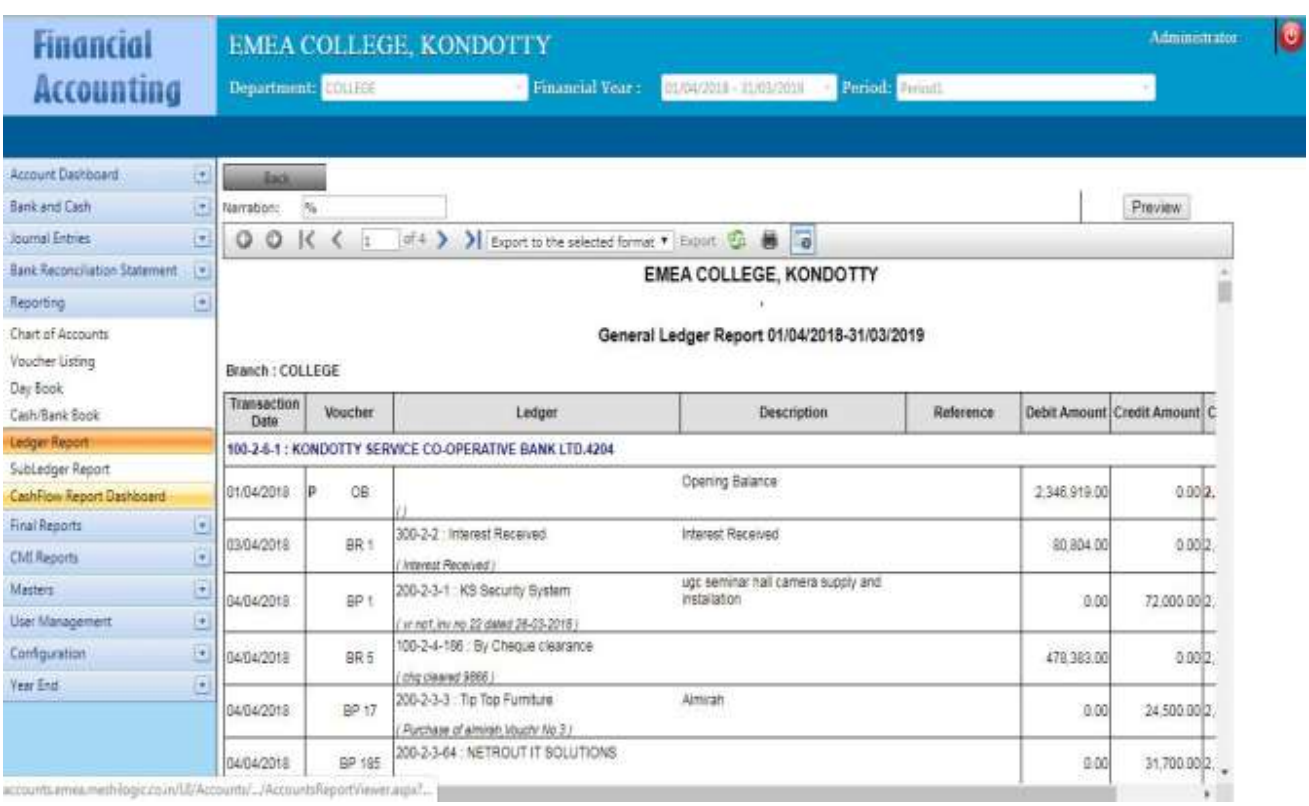
Trading organizations may have operations from multiple locations /country with one or more warehouses located at geographically distant locations. It is no doubt that such an organization needs a network to integrate and control its operation. Biznet provide the control of trading activity such as purchase /sales billing, stock management such as delivery and receipts of goods, return of goods purchased or sold, stock movements, package management such as assembling and de-assembling of goods, ware house management such as Bin location, delivery note generation etc. integrated with Financial Accounting system which generate vouchers for cash receipts / payments, bank receipts /payment, etc. Integrated with purchase and sales invoice to automatically update the accounts ledgers. All updated final accounts reports. Most useful feature is the bill to bill accounting which automatically prepare detailed customer outstanding from the daily transaction data.



Login Page



Home Page



Ledger Report

KOHA

Open Source Integrated Library Software

Koha is the first open-source integrated library software (ILS) used worldwide by all kind of libraries from public, school and special libraries. The ILS is developed at a modern platform and is a web-based solution for the libraries. Koha uses SQL database (MySql preferred) as backend and its cataloguing data stored is in MARC and is accessible via Z39.50protocol. Koha is integrated library software that has state of the art web based interface, enhanced content and substance, provides faceted navigation, provisions keyword searching, up-gradation and development through user contribution and provides Rich Site Summary (RSS) feeds that make it unique integrated library software in the world. At present Koha has four specific language websites including French, Chinese, Italian and Spanish.

Features of Koha

Acquisitions: Koha has a acquisitions module with complete functionality of recommendation, ordering, receiving, invoicing, budgeting, book funding, setting suppliers and exchange rates.

Circulation: a complete featured and powerful circulation module with customised circulation rules to suit any kind of library; it fully automates the borrowing and item management.

OPAC-Koha has all the elements and attributes of OPAC with a simple and clear interface, and in addition to it also supports content from sources of collections like Amazon, Google Books, etc.

Flexible reporting: Koha provides access to the RDBMS, so reports can be easily customised and prepared as per the individual requirements.

Customisable item types: The catalogue items can be opted as per the preference and requirements of the individual libraries.

Barcode/ RFID: The ILS Koha is based on the web browser and it is fully compatible with all kinds of barcode, QR codes, RFIDs and other similar technologies.

User management: The software provides incorporation with systems like LDAP, Active Directory, Radius and SAML to allow single sign-on facility for the user's management.

Metadata: Koha has a potential to generate a qualitative metadata, it uses a full text indexing engine to allow for speedy and authoritative searching of metadata.

Standards: Koha uses all latest standards including MARC21, UNIMARC, Z39.50, SRU/SW, SIP2 and many more are supported.

Automated overdue notices: Overdue notices are either provided by email or SMS. Consortia Mode: The ILS can work as multi-branch or single-branch mode in the consortia mode.

Translations: Koha is translated into many languages and is available in nearly 62 languages

Offline circulation: Koha also provides provision to do offline circulations

Self-Check: Koha also facilitates the use with SIP2 compliant self-check-in, check-out machines.

Koha Modules

- Administration
- OPAC
- Cataloguing
- Circulation
- Serials
- Acquisitions
- Patron

Koha Administration

Koha Administration provides various system parameters for the functioning of Koha libraries and groups, defines item types and the authorized values. Global System preference is the most important module of Koha which deals with administration and maintenance and manages preferences like MARC, date format, administrator email and various templates.

KOHA Login Page

KOHA Home Page

DSPACE

Open Source Repository Software Package

DSpace is an open source repository application that allows to capture, store, index, preserve and distribute our digital material including text, video, audio and data. DSpace provides a way to manage our materials and publications in a professionally maintained repository to give them greater visibility and accessibility over time.Dspace software is a digital library system designed to capture, store, index, preserve and re-distributes the academic output of a university's research faculty in digital formats. The Dspace is developed jointly by HP labs and MIT libraries. This article describes the Dspace system, types of Dspace content and discusses the use of Dspace for institutional repository.

The most important features of DSpace are as follows.

- Free open source software
- Completely customizable to fit user needs
- Manage and preserve all format of digital content (PDF, Word, JPEG, MPEG, TIFF files)
- Apache SOLR based search for metadata and full text contents
- UTF-8 Support
- Interface available in 22 languages
- Granular group based access control, allowing setting permissions down to the level of individual files
- Optimized for Google Scholar indexing

It has three main roles:

- Facilitates the capture and ingest of materials, including metadata about the materials
- Facilitates easy access to the materials, both by listing and searching
- Facilitates the long-term preservation of the materials

DSpace can be used to store any type of digital materials, including:

- Documents, such as articles, preprints, working papers, technical reports, conference papers
- Books
- Visualizations, simulations, and other models
- Multimedia publications
- Administrative records
- Published books
- Overlay journals
- Bibliographic datasets
- Images
- Audio files
- Video files
- e-formatted digital library collections
- Learning objects
- Web pages

Benefits of using Dspace in Digital Library

DSpace is a turnkey repository application it may be deployed "out-of-the-box" as an institutional repository. The majority of DSpace users do little to no customization of the application beyond adding local branding. DSpace allows to:

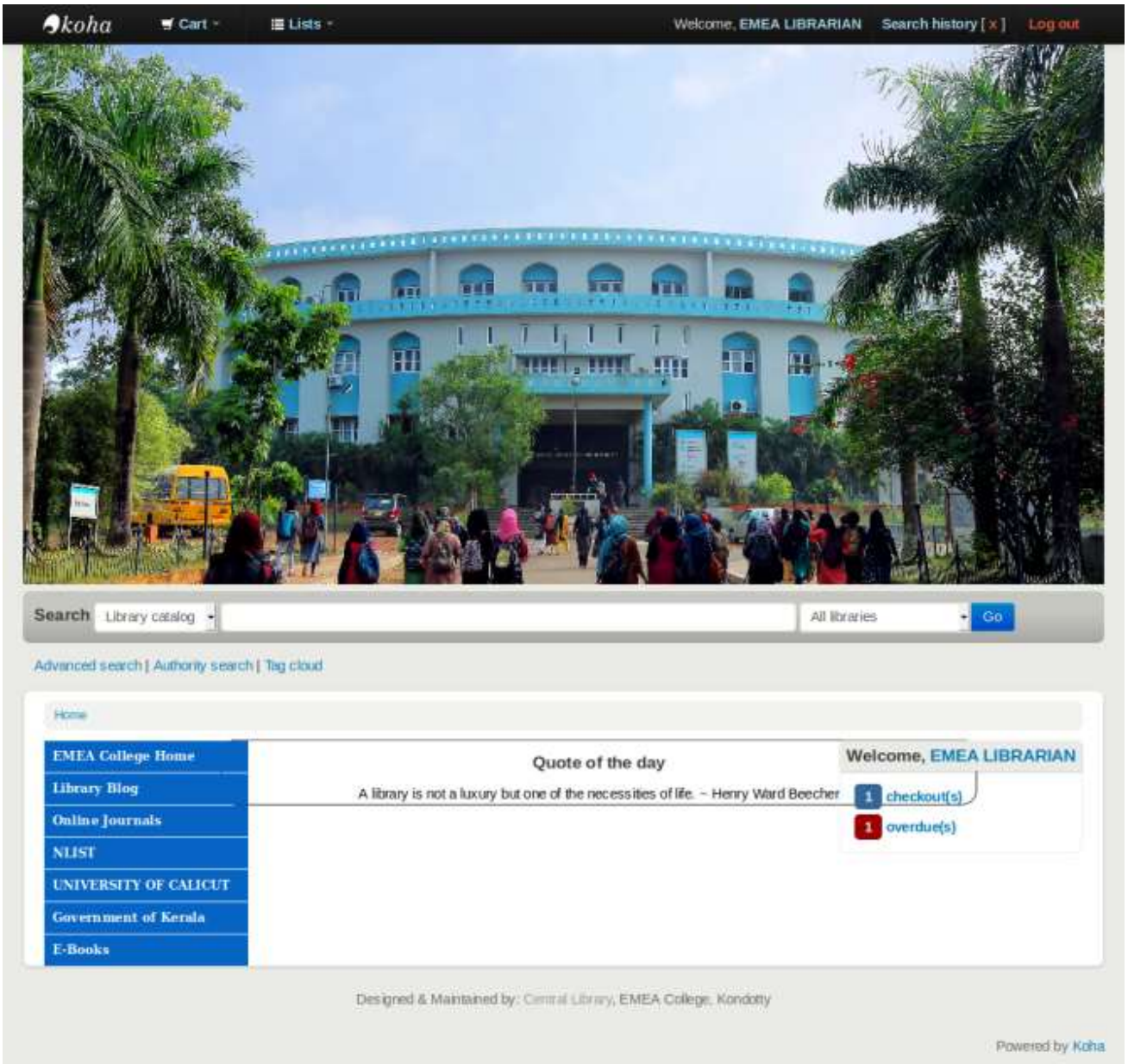
- Organize, describe and store your content easily through the built-in structure
- Archive and distribute material you would currently put on your personal website
- Get your materials out quickly, to a worldwide audience through exposure to search engines such as Google

DSpace Home Page

OPAC

Online Public Access Catalogue System

An online public access catalog (often abbreviated as OPAC or simply "library catalog") is an online database of materials held by a library or group of libraries. Users typically search a library catalog to locate books, periodicals, or other items under control of a library.



Opac Home page

IN/OUT MANAGEMENT SYSTEM

"In -Out Management System" based on KOHA ILS that benefits in Tracking In & Out time of patrons, works on multiple locations of library, generates four types of reports & can be handled by single person.

Login Page

Home Page

EASY BIZ

Accounting & Inventory Management Software

Accounting & Inventory Management Software EasyBiz is an accounting software specifically designed for small businesses. It is an accounting solution that create invoices, track expenses and manage inventory, helping you save time and manage finances efficiently.

Main Features:

- Accounting

  An in-built financial accounting system that tracks transactions from sales, purchase, inventory, payroll, and expenses to give a complete picture of company's financial status.

- Inventory Management

  Helps to categorize products, know low stock items and invest in right inventory to increase business revenue.

- Detailed Reports

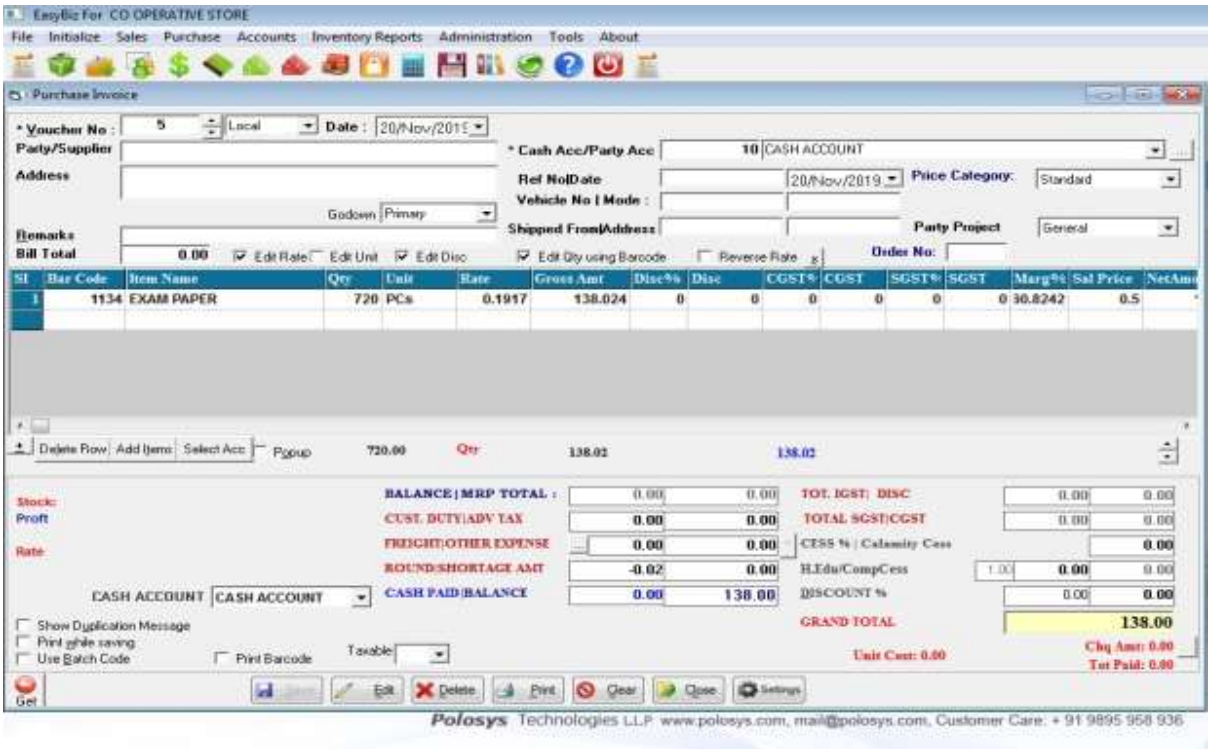
  Keep track of all transactions with detailed reports. View all types of transactions from reports section

- Balance Sheet

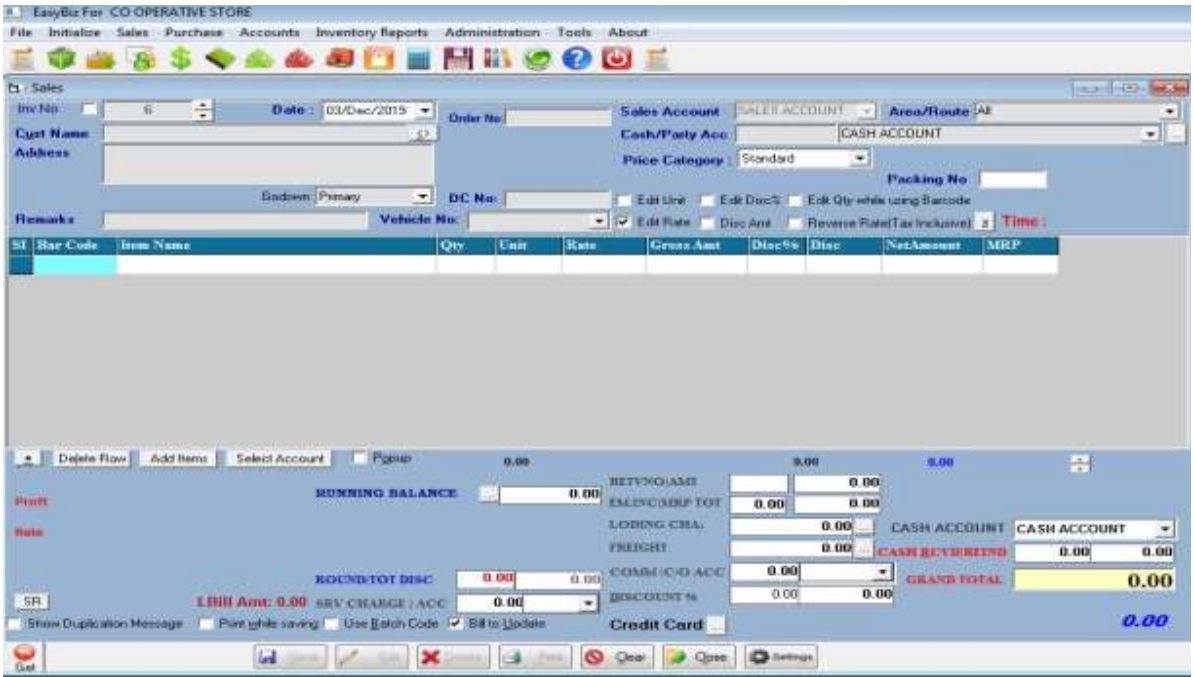
  Balance sheet is one stop show to know the overall status of business. It gives details about current Cash-in hand, Stock Value, Expenses, Bank account balances. etc. at one place.

Login page

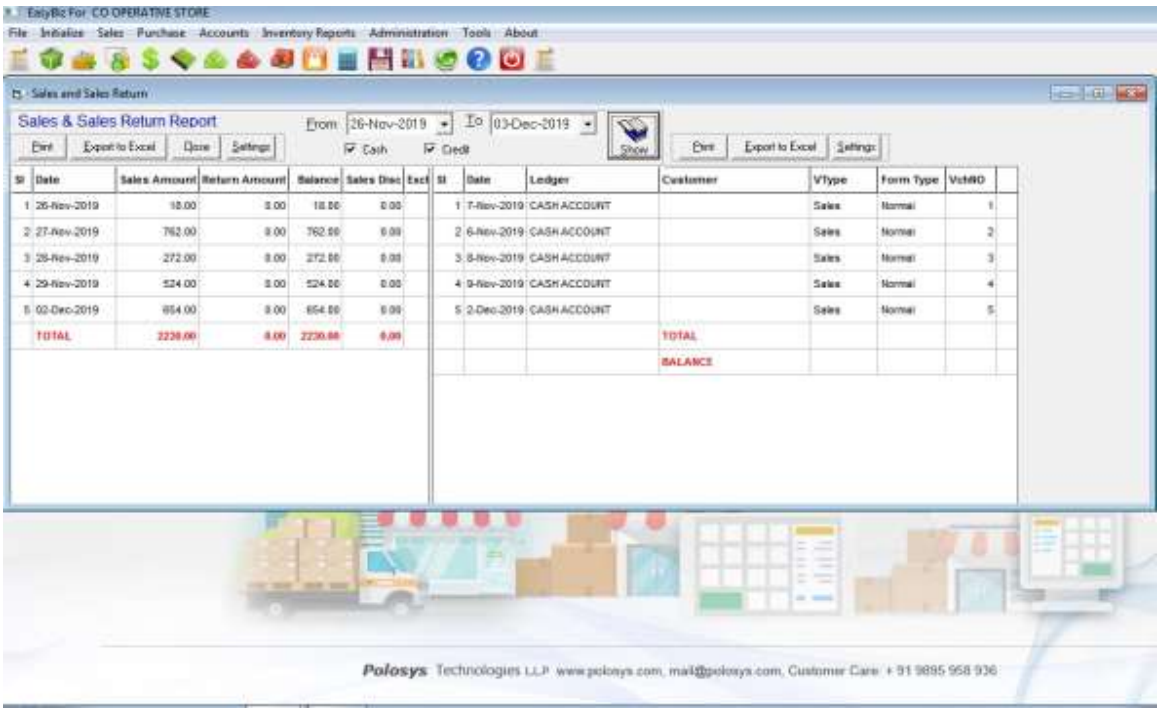
Home Page



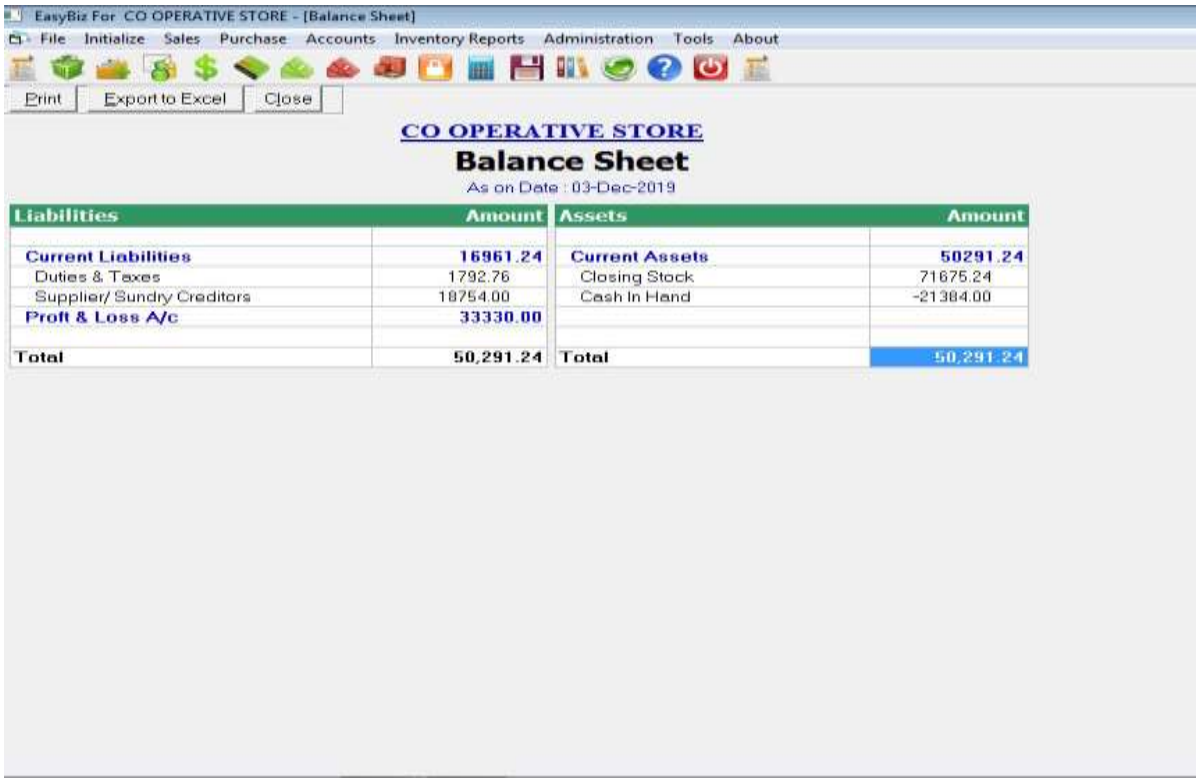
Purchase Management



Sales Management



Sales and Sales Return Report



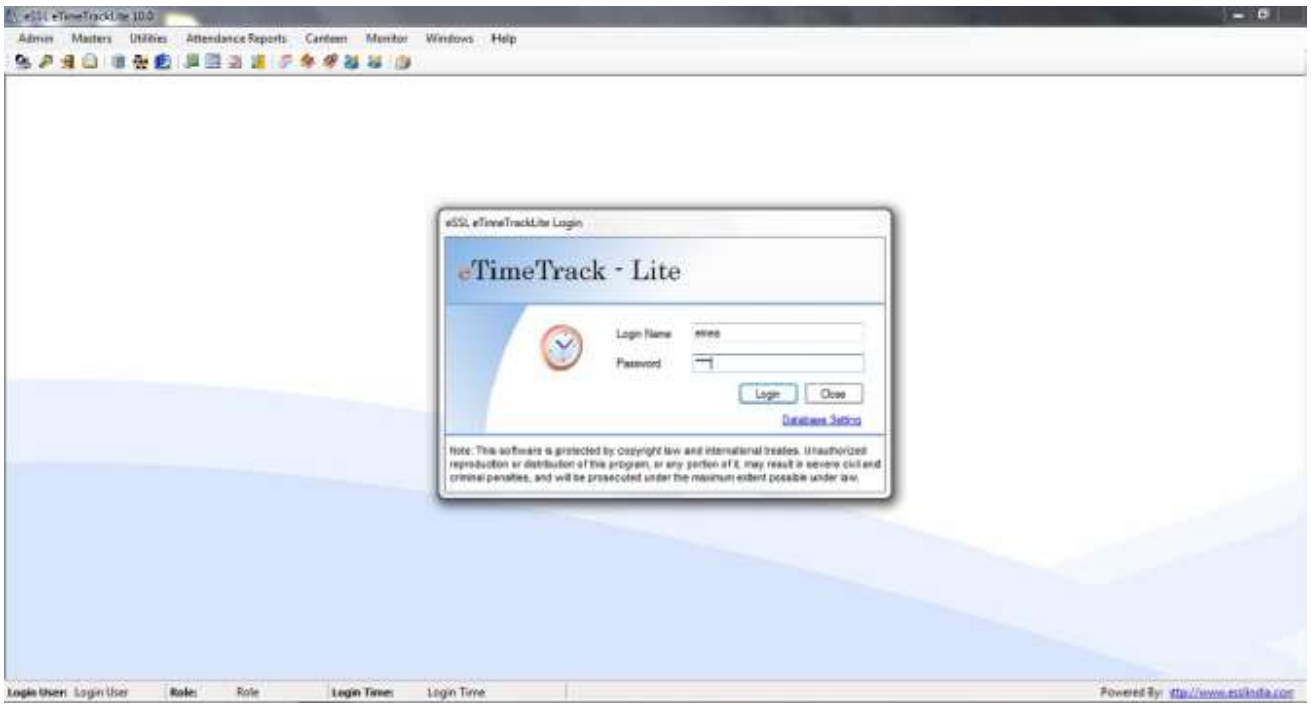
Liabilities	Amount	Assets	Amount
Current Liabilities	16961.24	Current Assets	50291.24
Duties & Taxes	1792.76	Closing Stock	71675.24
Supplier/ Sundry Creditors	18754.00	Cash In Hand	-21384.00
Profit & Loss A/c	33330.00		
Total	50,291.24	Total	50,291.24

Balance sheet

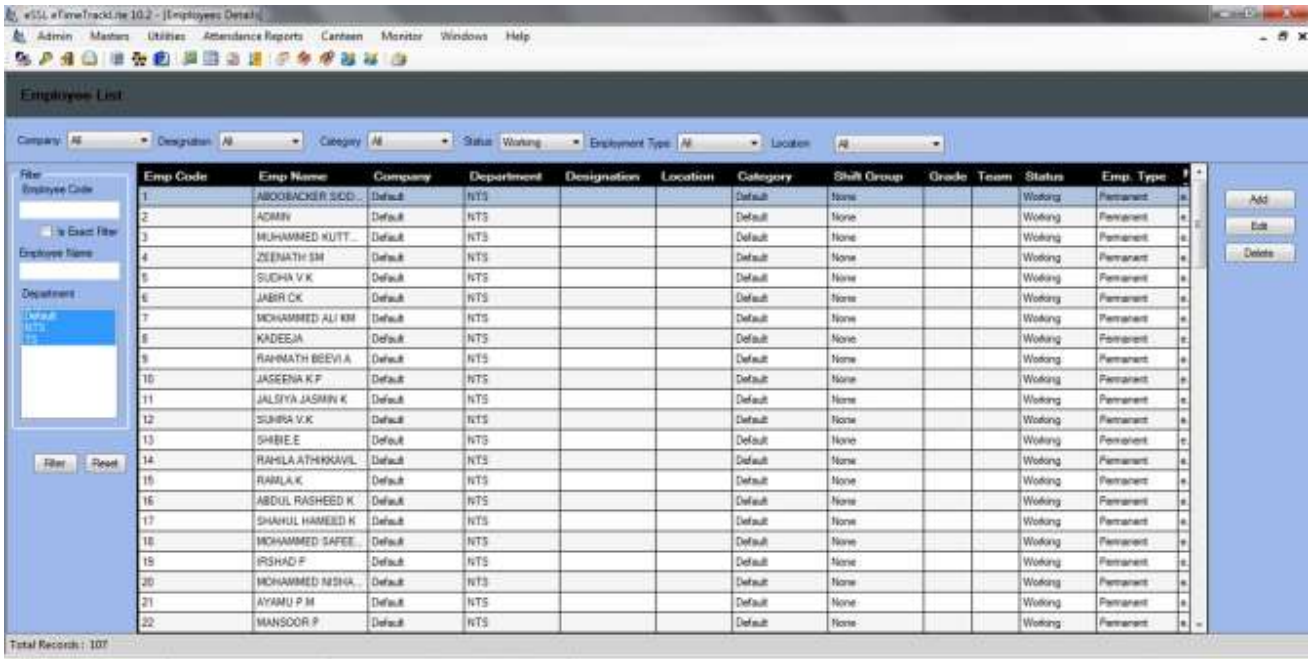
E TIME TRACK

Time & Attendance Machine Management Software

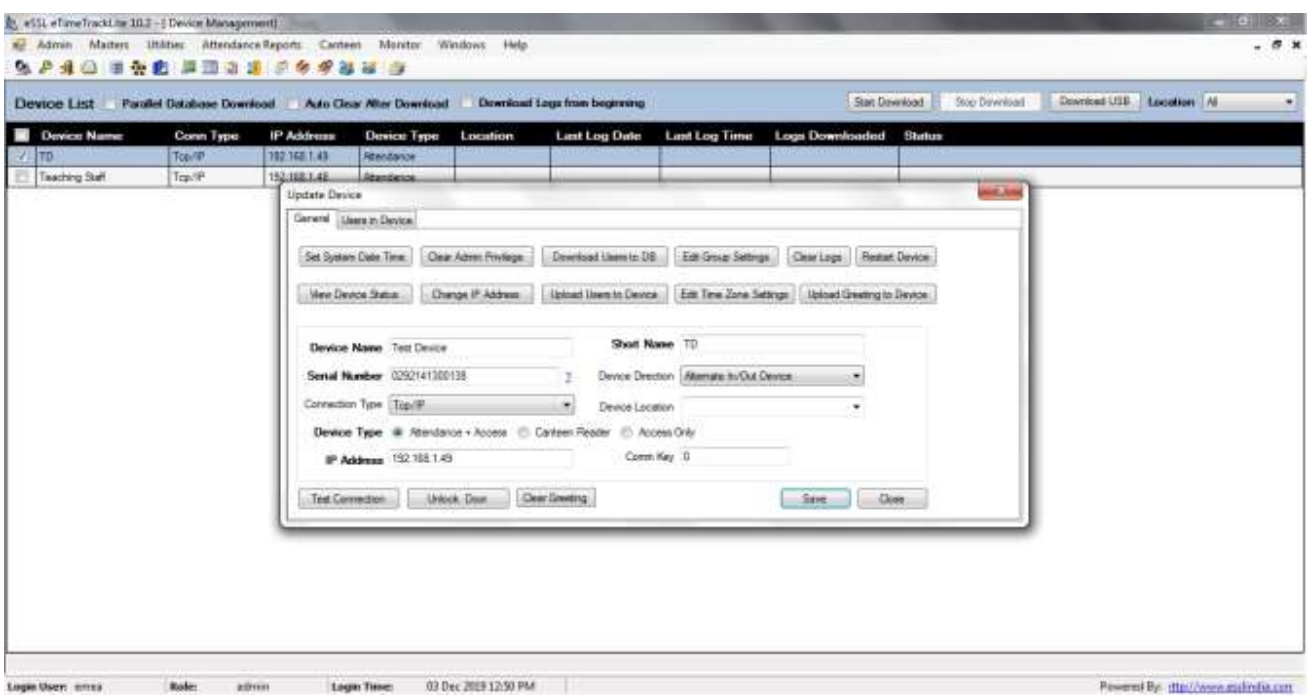
Maintaining an attendance register of students and staffs requires a lot of effort and accuracy. The software provides feature to keep a record of attendance inside the system eliminating manual effort consuming task. A comprehensive, integrated and easy to use employees' Attendance Management Software that enables employees to record their arrival and departure, providing managers with detailed information about attendance records, absenteeism, overtime etc. The software provides reports and logs to better maintain access to a certain area. Need a proper device to connect all these devices.



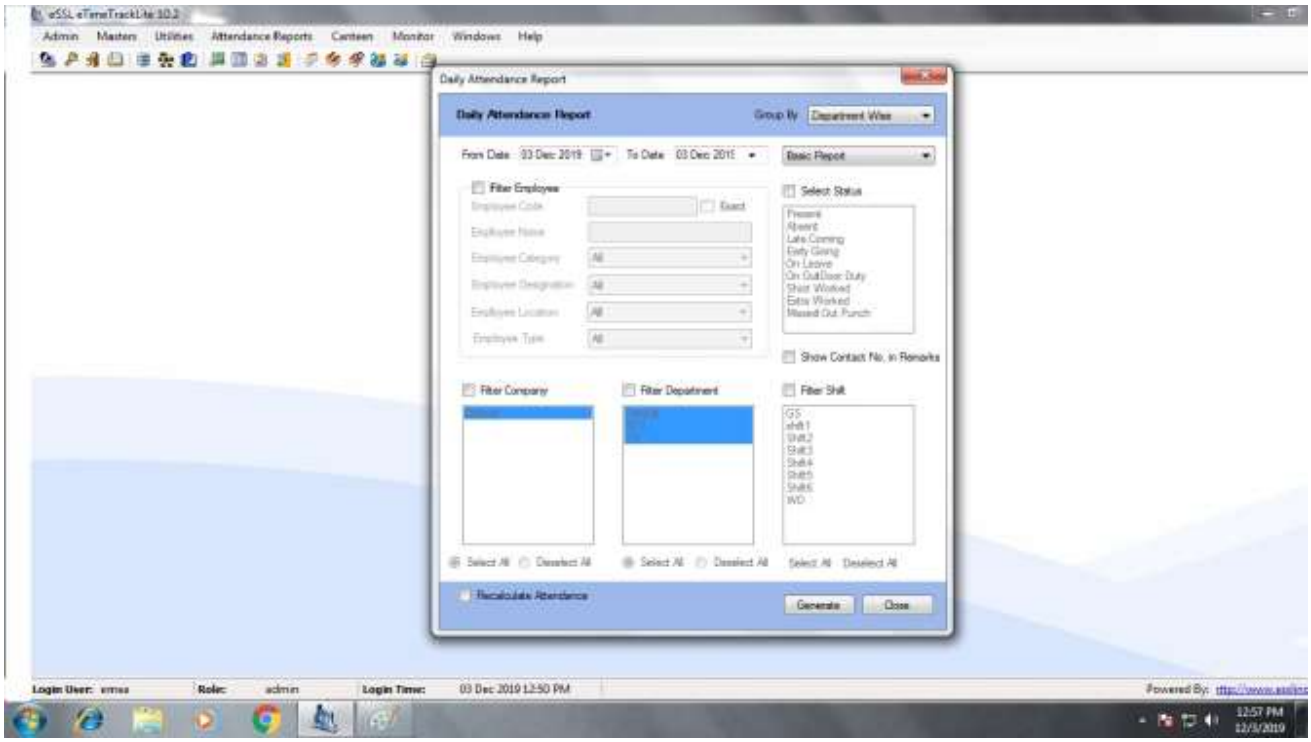
Login Page



Employee Management



Device Management



Daily Attendance Report

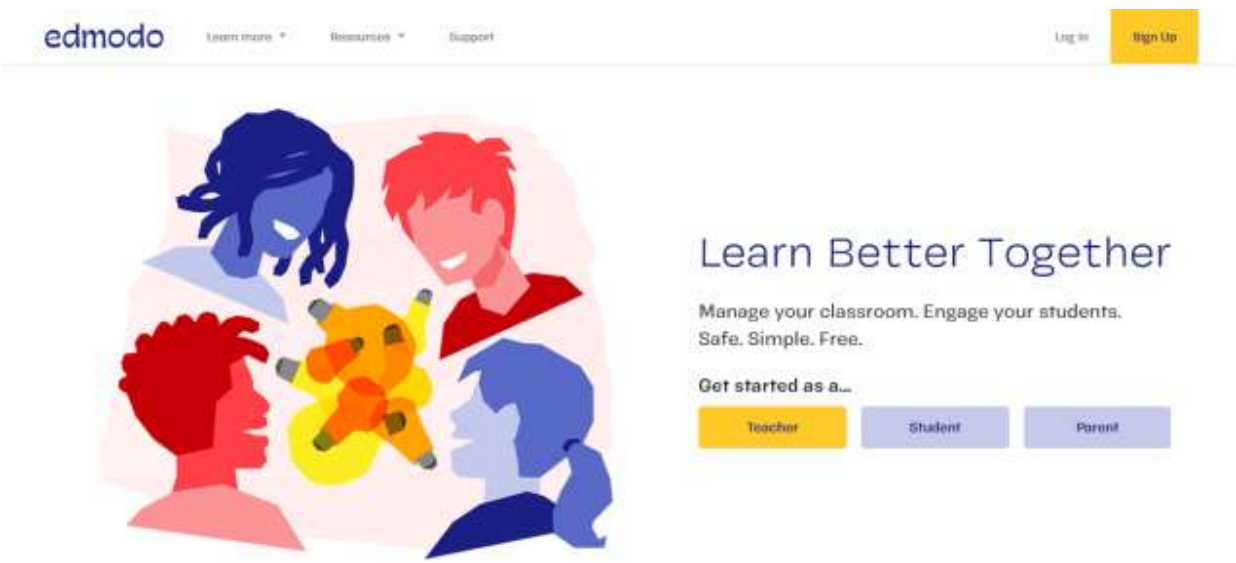
LMS

A **learning management system** (**LMS**) is a software application for the administration, documentation, tracking, reporting, and delivery of educational courses, training programs, or learning and development programs.

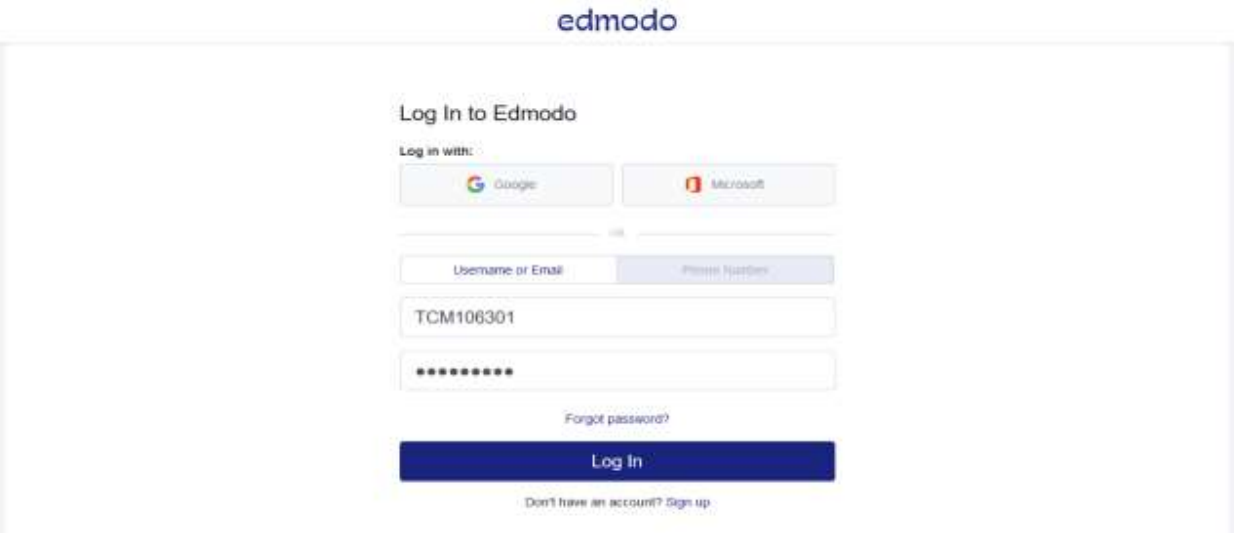
EDMODO

Cloud-Based Learning Management System

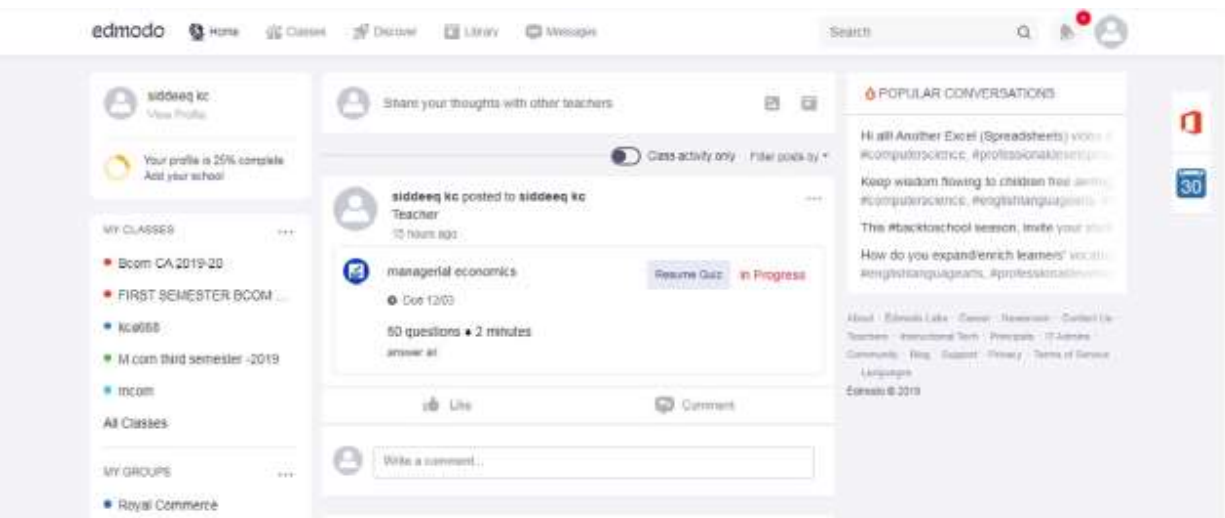
Edmodo is an educational technology company offering a communication, collaboration, and coaching platform to educational institution and teachers. The Edmodo network enables teachers to share content, distribute quizzes, assignments, create academic groups, distribute assignments, homework, schedule online tests track student performance and manage communication with students, colleagues, and parents.



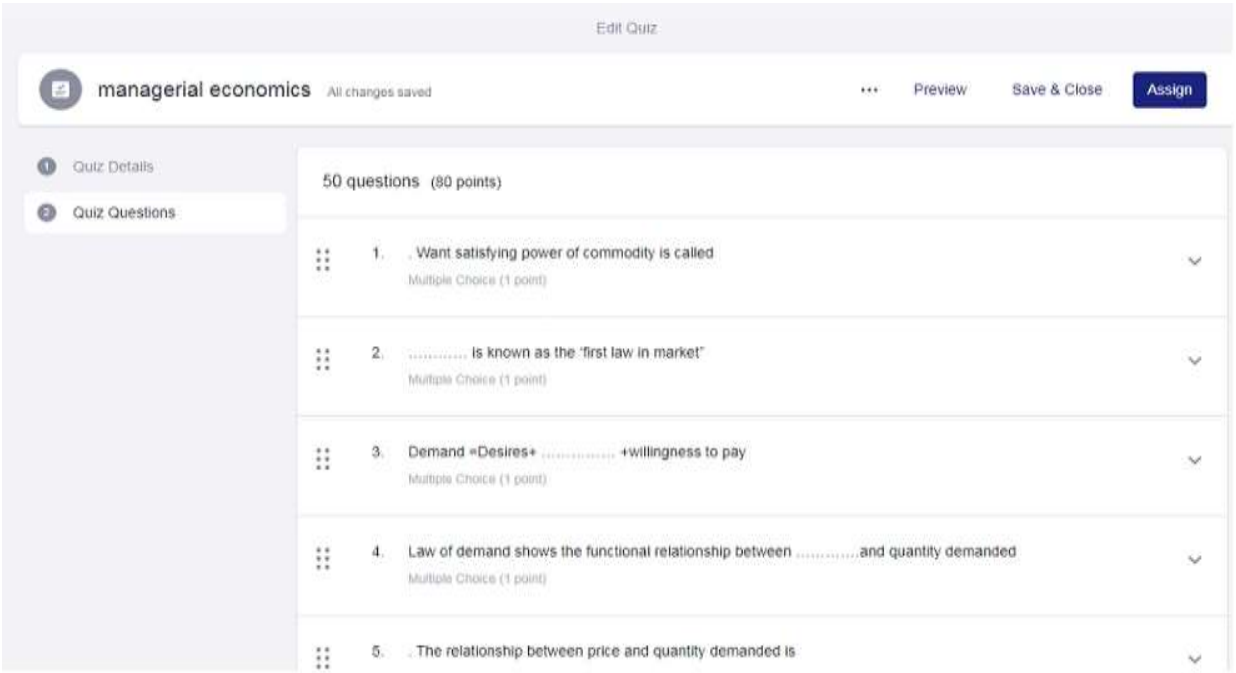
Edmodo Screen



Teacher Login Page

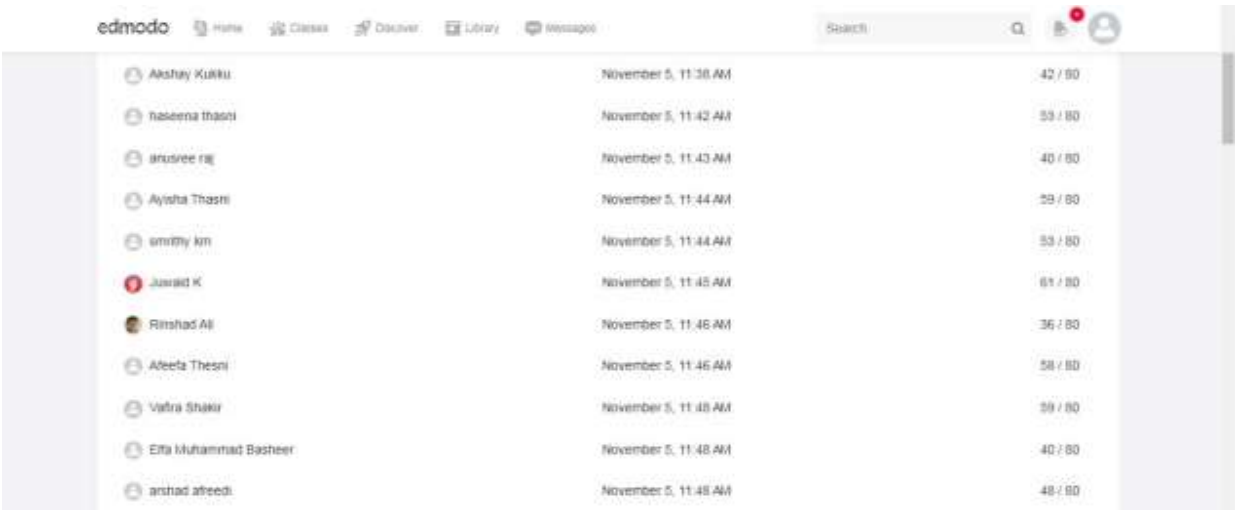


Teacher Home Page



Mcq Exam Screen

Result Analysis



Exam Results

COURSE OUTLINE TEMPLATE

Teaching & Learning Management Template

Students aspiring to take up a training course are always on the lookout of a course outline. A **course outline template** is thus really useful as it allows you to present the gist of the course so that the aspiring students can have an overview of the program at a glance. Without an outline it is not possible to get a proper view of the **course**. Course outlines are critical resources that help students understand the course: its aims, learning outcomes, course requirements and assessment.

Course Outline

Name of the Stream	Science
Name of the Programme	BSc Computer Science
Name of the Course	Android Programming
Nature of the Course	Core Course
Semester	Sixth
Lecturer(s)	Jamsheela O
Name of the Coordinator (Wherever applicable)	
Year	2018-2019
No of Credits	4
No of Contact Hours	72
Course Description	This course introduces the Android application Programming. sample
Course Objectives	b.To learn Android Programming Environments. c. To practice programming in Android. d. To learn GUI Application development in Android platform with XML sample
Course Outcome	At the end on the course the students will gain enough knowledge to create and publish their own Apps for Google Android devices as well as ability to learn advanced topics through self study methods

Course Outline Template Form

Course Outline Form

EVEN SEMESTER 2019

Dear Student: Course outlines are intended to provide students with an overall plan for a course to enable them to function efficiently and effectively in the course.

Academic Programs
BSc Computer Science
EMEA College
Kondotty

Course Outline : Android Programming (2018-2019)

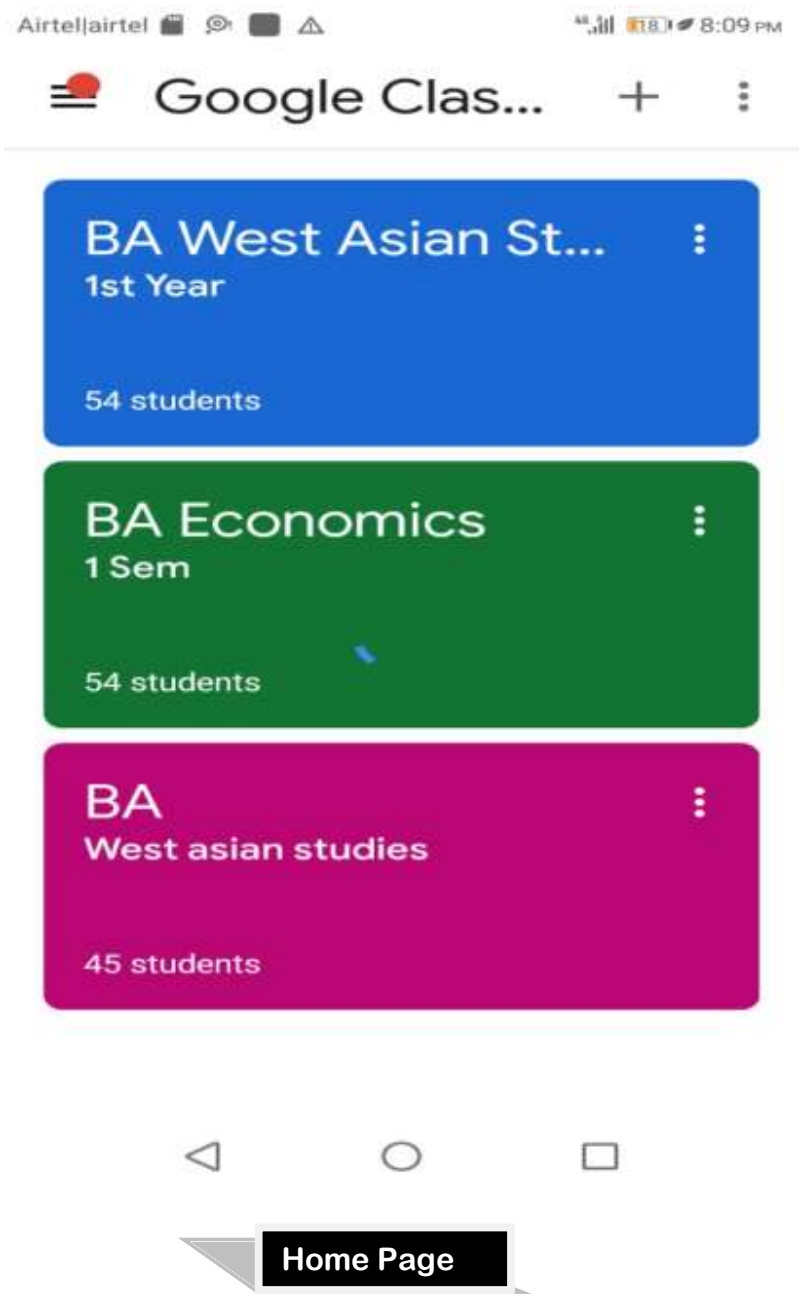
Name of the Stream	Science
Name of the Programme	BSc Computer Science
Name of the Course	Android Programming
Nature of the Course	Core Course
Semester	Sixth
Lecturer(s)	Jamsheela.O,
Name of the Coordinator	
Year	2018-2019
No of Credits	4
No of Contact Hours	72
Course Description	This course introduces the Android application Programming.
Course Objectives	a. To have a review on concept of Android programming. b.To learn Android Programming Environments. c. To practice programming in Android. d. To learn GUI Application development in Android platform with XML
Course Outcome	At the end on the course the students will gain enough knowledge to create and publish their own Apps for Google Android devices as well as ability to learn advanced topics through self study methods.
Assessment Method	Assignments Homeworks Class Tests Unit Tests Practical Tests Seminars Lab Experiments
Teaching Methods Used	Lectures LMS Class Discussion Seminars Handouts Powerpint Slides
Textbook	1. Satya Komatineni & Dave MacLean, Pro Android 4, Apress.
References	1. Retomeier, Professional Android 4 Application Development, Wrox. 2. Zigurd Mednieks, Laird Dornin, G. Blake Meike, and Masumi Nakamura, Programming Android, O'Reilly

Generated PDF

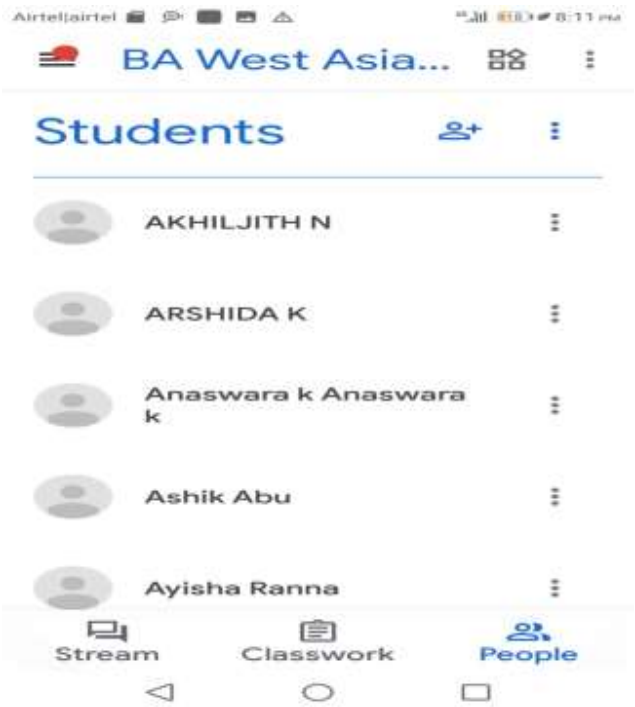
GOOLE CLASS ROOM

m-governance Learning Management System

Google Classroom is a free web service, developed by Google for schools, that aims to simplify creating, distributing, and grading assignments in a paperless way. The primary purpose of Google Classroom is to streamline the process of sharing files between teachers and students.



Home Page

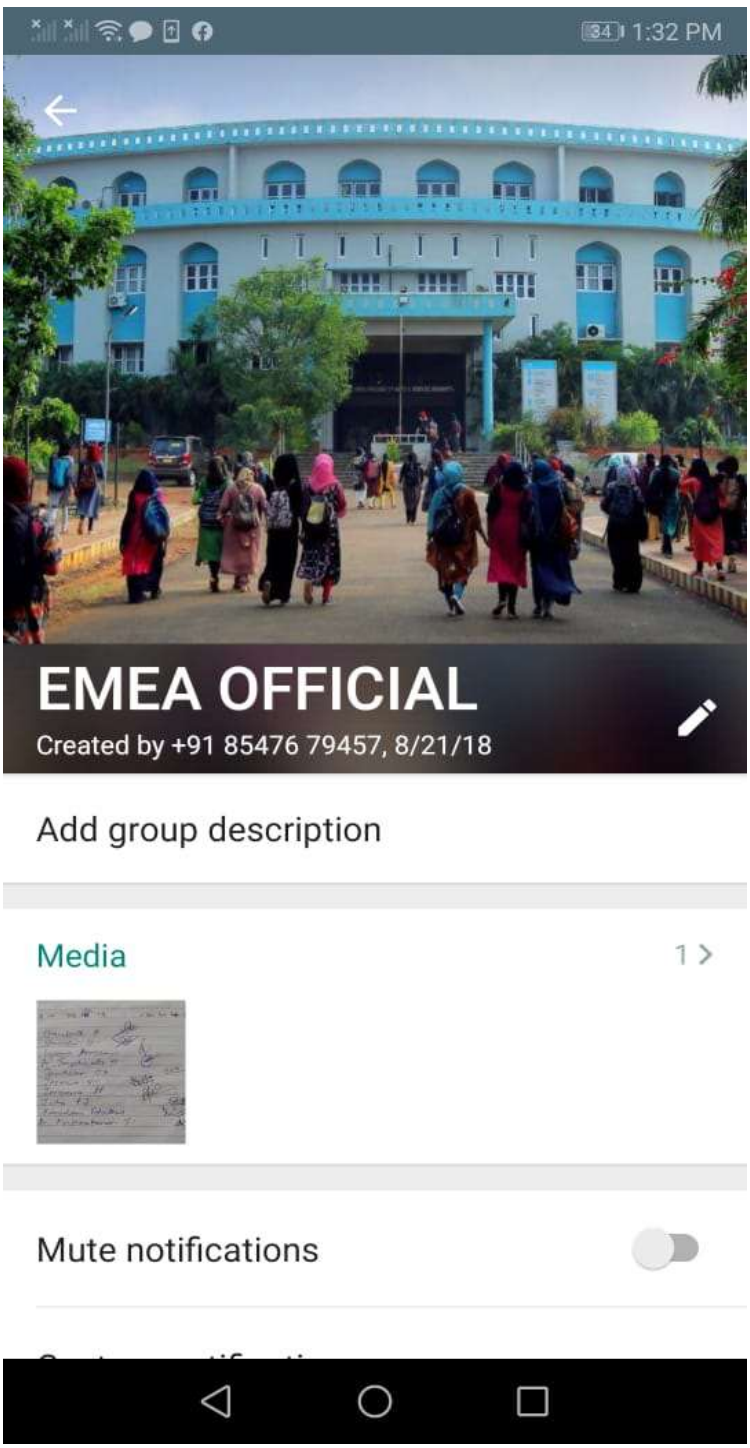


Student List

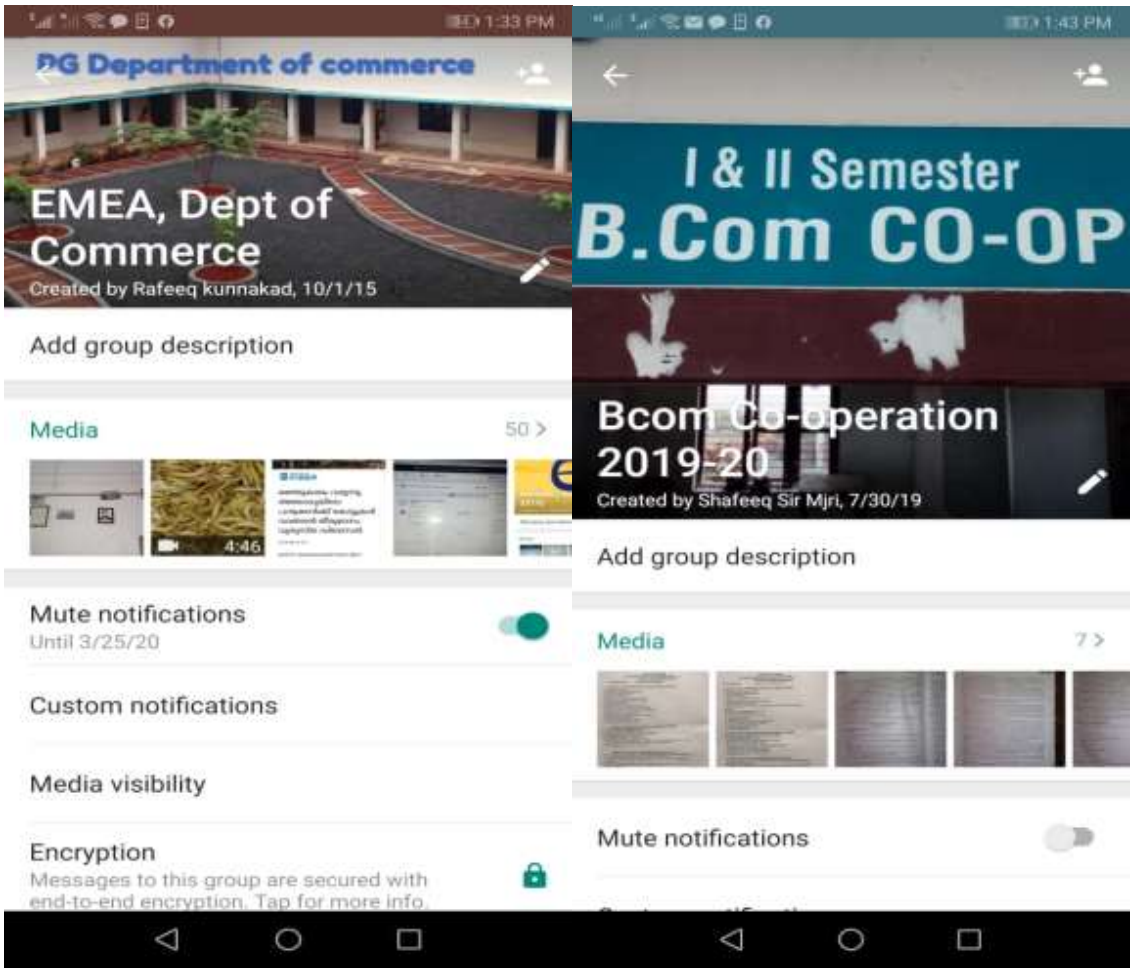
Subject List

WHATSAPP GROUPS

m-governance Communication Application



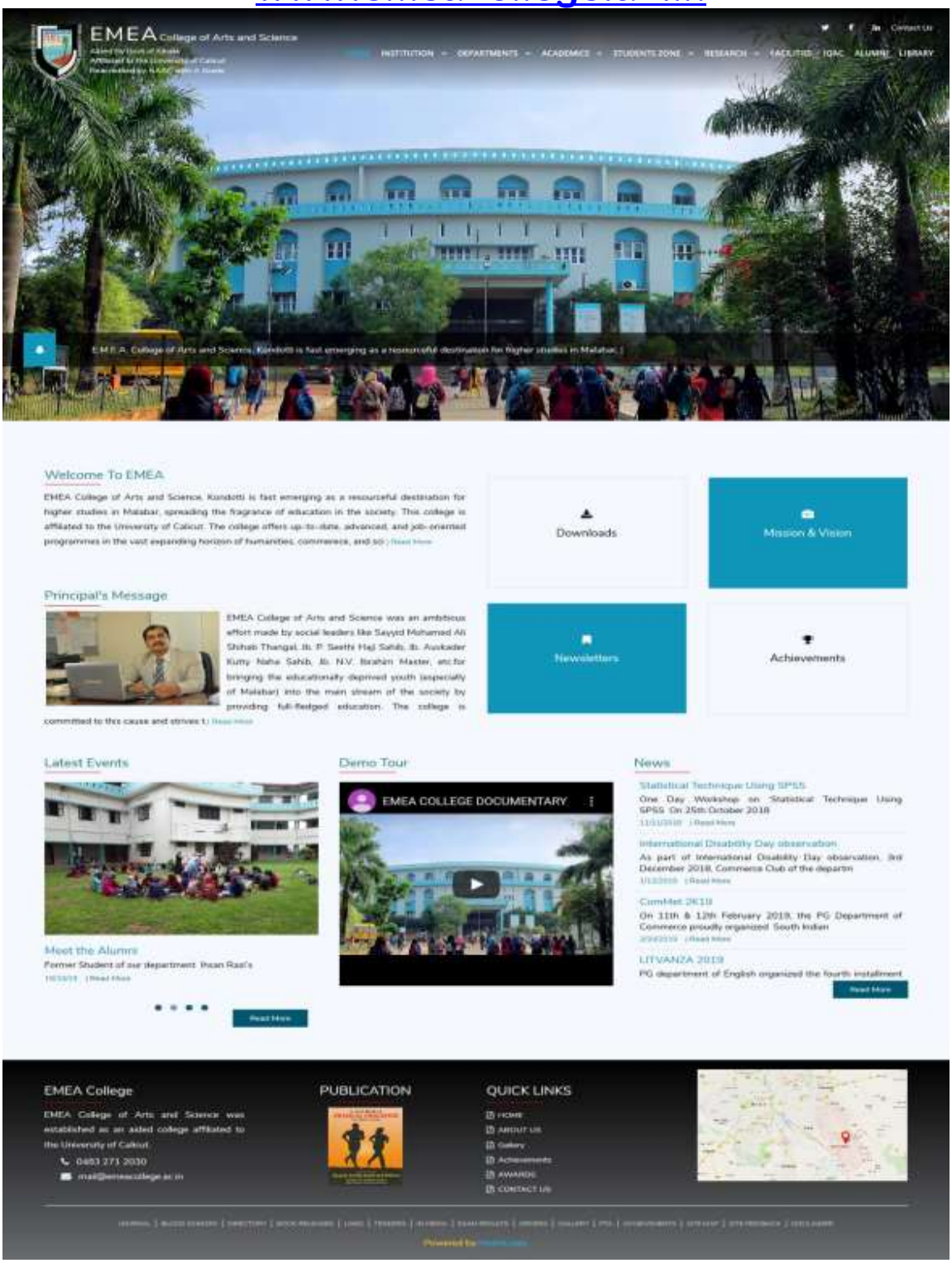
College Official Group Screen



Department Group Screen **Class Group Screen**

COLLEGE WEBSITE

www.emeacollege.ac.in

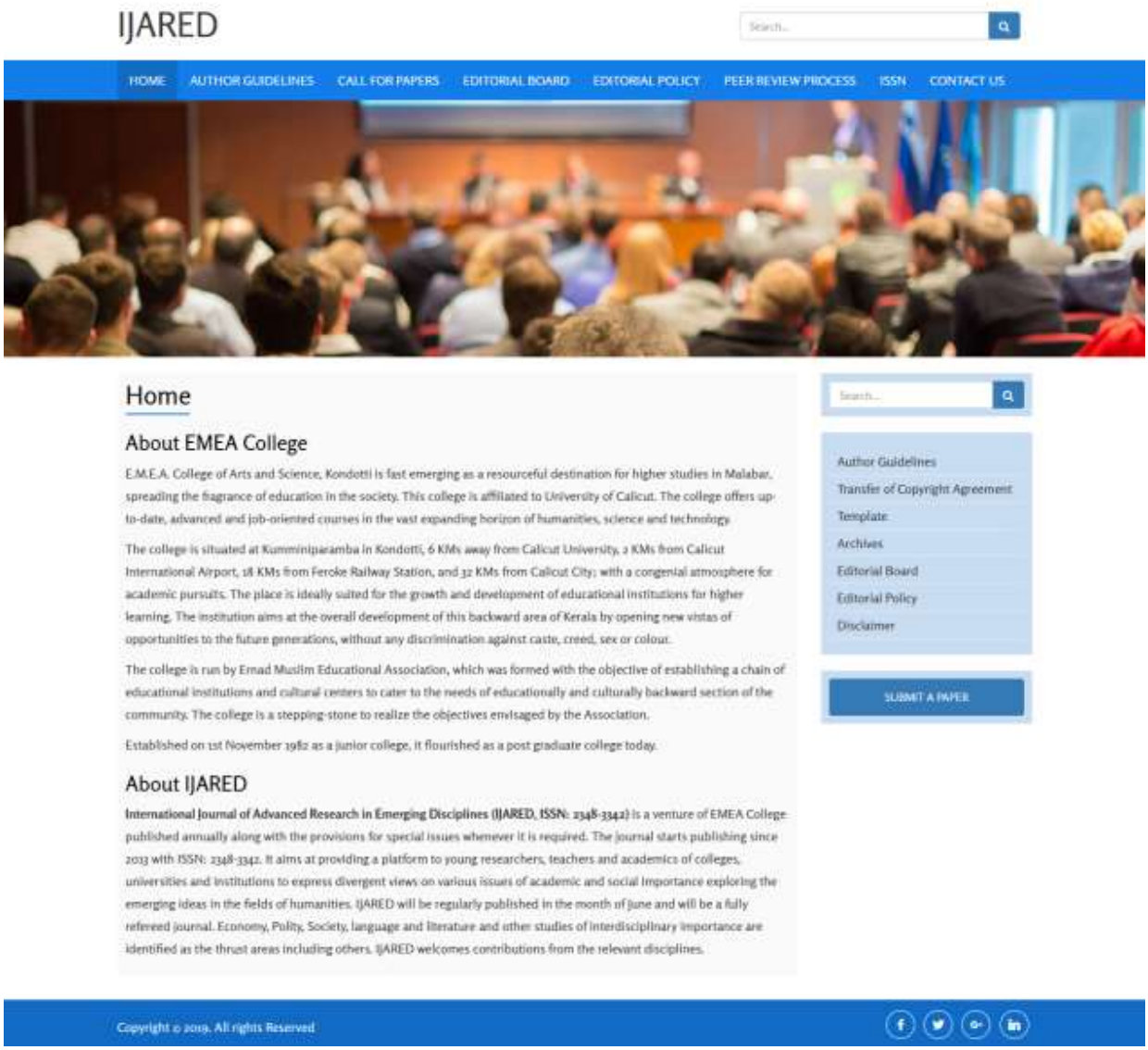


COLLEGE LIBRARY WEBSITE

www.library.emeacollege.ac.in

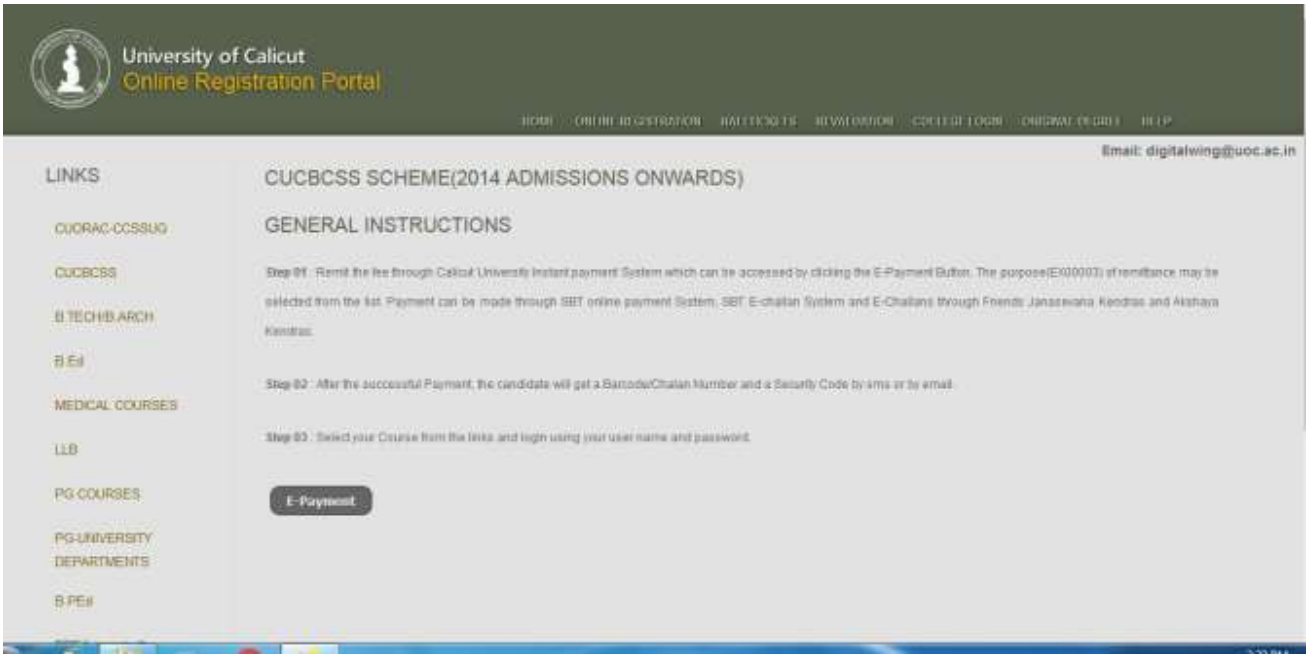
IJARED

College Research Journal Portal



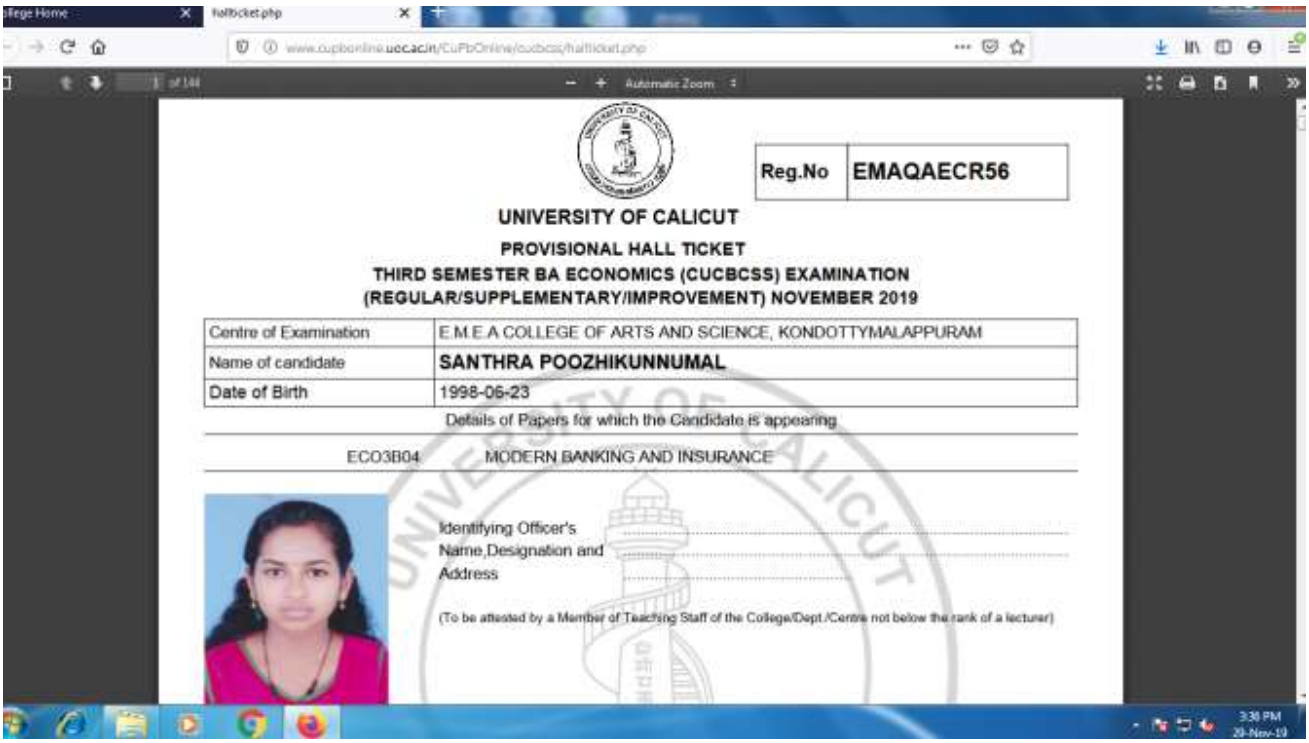
UNIVERSITY ONLINE REGISTRATION

e- Governance Online Examination Registration Portal



E Payment Screen

Exam Registration Screen



Reg.No	EMAQAECR56

UNIVERSITY OF CALICUT

PROVISIONAL HALL TICKET

THIRD SEMESTER BA ECONOMICS (CUCBCSS) EXAMINATION

(REGULAR/SUPPLEMENTARY/IMPROVEMENT) NOVEMBER 2019

Centre of Examination	E.M.E.A COLLEGE OF ARTS AND SCIENCE, KONDOTTYMALAPPURAM
Name of candidate	**SANTHRA POOZHIKUNNUMAL**
Date of Birth	1998-06-23

Details of Papers for which the Candidate is appearing

ECO3B04 MODERN BANKING AND INSURANCE

Identifying Officer's Name,Designation and Address .....

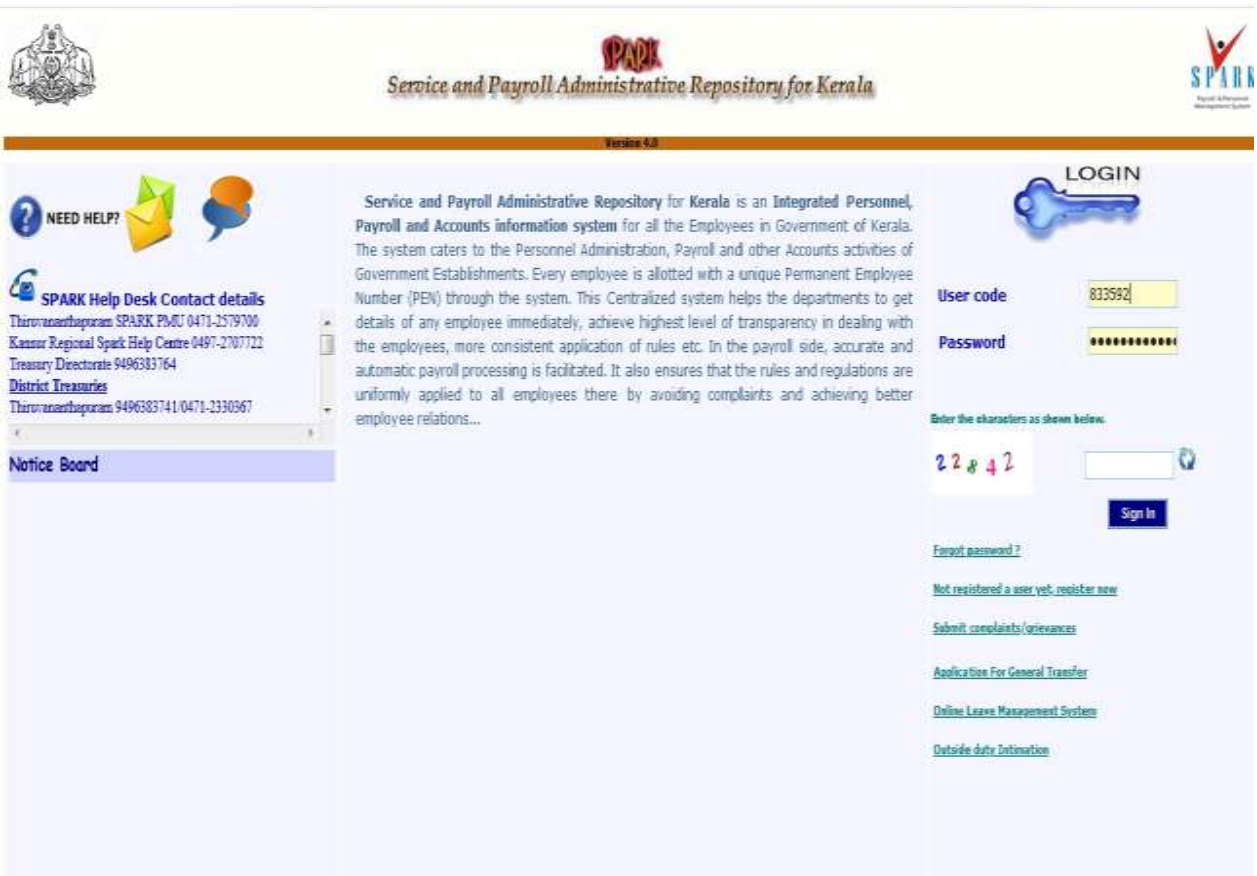
(To be attested by a Member of Teaching Staff of the College/Dept./Centre not below the rank of a lecturer)

Hall Ticket Generation

SPARK

e- Governance Service and Payroll Administration

SPARK (Service and Payroll Administrative Repository of Kerala), is an e- Governance endeavor under Finance Department, Govt of Kerala, operational since 2007. State Government has ventured this project with a vision to digitize all HR related service and salary data of Government employees. In order to achieve this vision SPARK has been implemented in all the State Government Establishments covering 39 Government Departments, under which 122 Field Departments and over 30000 offices spread across the State. As per our data about 5 lakhs employees are currently being benefitted from this facility. Service books of all employees in state service have been digitalized through this software.



Login Page

Personal Management

E Submit Bill

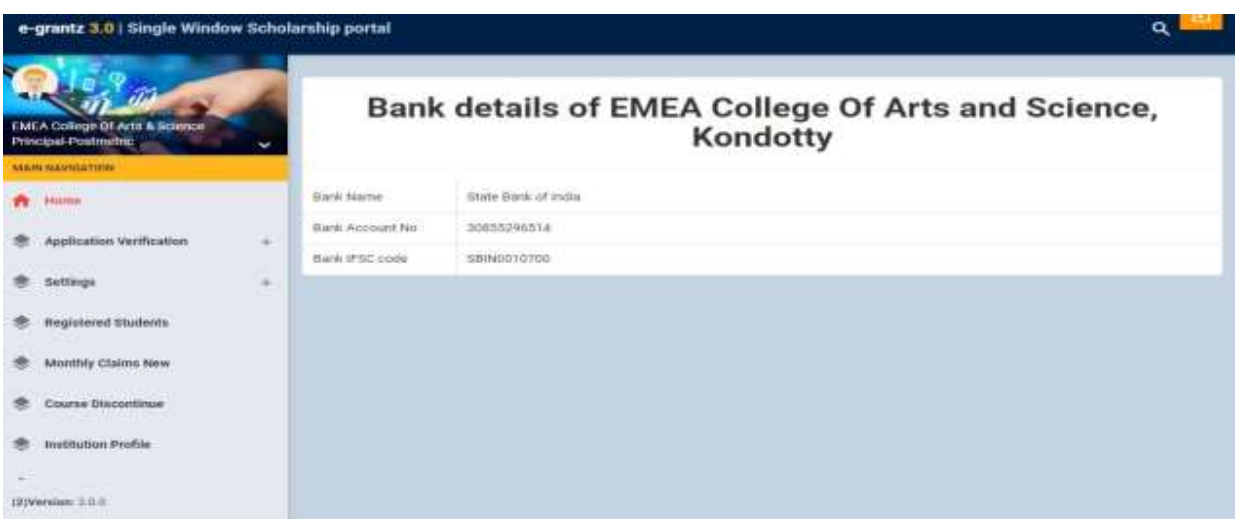
Payroll Management

E-GRANTZ 3.0

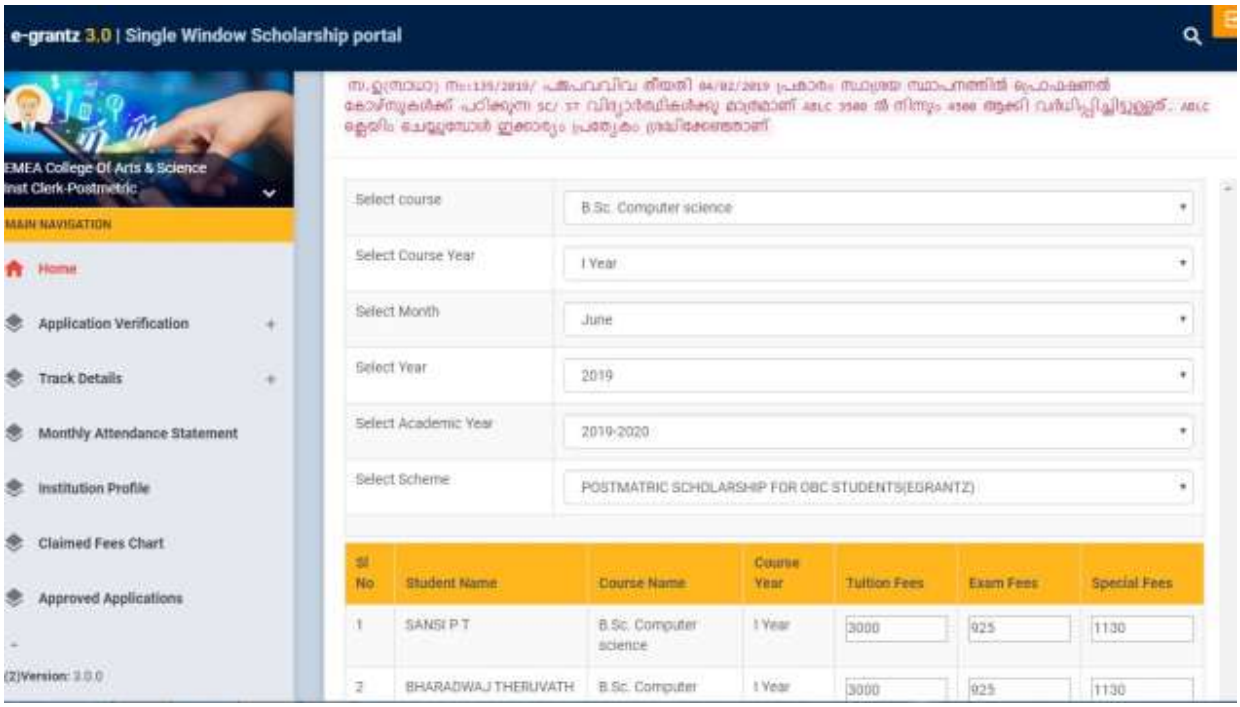
e-Governance Single Window Scholarship Portal

e-grantz is web based solutions for the timely disbursement of educational assistance to all the post matric students of SC, ST, OBC as well as economically weaker sections of society in Kerala. It provides provision for making online application, processing and sanction of educational assistance.

Login Page



Home Page



Student Registration Screen

Statement Report

Certified that the data attached herewith is true.

PRINCIPAL
EME A COLLEGE OF ARTS
& SCIENCE, KONDOTTY
MALAPPURAM DT. 673 638