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ERP Document

Enterprise Resource Planning (ERP) has to be utilized by the institution for a smooth and better functioning with a centralized and integrated system. The institution has to manage the data of the stakeholders (Students, Staff, Parents) and also the issues related to administration, accounts, examination, library and transport by utilizing the ERP software.

ERP unifies many functional areas of the institution that have many sub functions associated which are related to stakeholders. Based on the organizational hierarchy, privileges are assigned to exercise and execute day to day activities. With the centralized database of the ERP system the data will be retrieved more easily and precisely and the data thus extracted can be utilized to prepare and analyze the reports. As long as the vendor provides assistance to the software and maintenance, the ERP will be an excellent tool to manage the activities of the institute.

The institution purchased automation package (ECAP) from Webpros solutions private limited in the year 2017, earlier to this, another ERP named EzSchool a product of VolkSoft Technologies Private Limited was in force. This deThe ERP software hereinafter referred as ECAP, fulfills all the requirements of our institution which includes Academic and Administrative activities of undergraduate and postgraduate programs with transparency.



The features of ECAP software are listed below:

Internet or intranet enabled application

User levels with access rights for data security

Program/batch/category student fee due reports

Tracks student's scholarship status

Fee/Attendance Reminders and Progress reports

Attendance and Marks analysis

Integration with Attendance Capturing Devices

Accounts Module similar to Tally

Barcode Integrated Library Module

Login for Students/ Parents to access data online

The ERP software is linked to the college website, wherein accessibility is provided to employees, students and parents. The options exercised will be determining the functions/ domains that can be accessed by the user. Employees have more options when compared to students and parents, whereas the students and parents have only a restricted access to check the performance of day-to-day activities.

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Screenshot of Login Screen

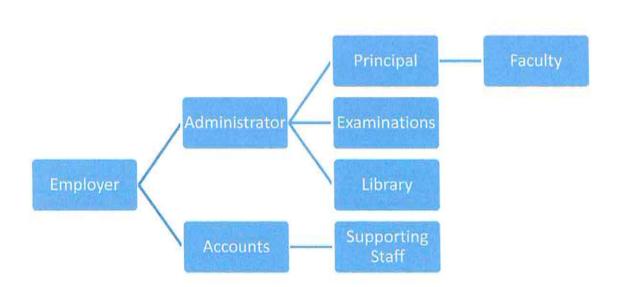
The main modules which are used by the institution are as follows:

- 1. Academics
- 2. Administration
- 3. Admissions
- 4. Accounts
- 5. Examination
- 6. Library
- 7. Placements

The above main modules contain sub-modules that are being used for better governance, the ECAP consists of several levels of authentication which are listed below:



- 1. Administration
- 2. Principal
- 3. Faculty
- 4. Accounts
- 5. Library
- 6. Examination section
- 7. Supporting staff
- 8. Students/ Parents





Administrator

The administrator login have the access privileges to the following modules Academics, Administration, Admissions, Correspondence, Examinations, Library, Placements, Staff. The functions of the administrator are as follows:

Sl. No.	Modules
01	Academics
02	Administration
03	Admission
04	Correspondence
05	Examinations
06	Library
07	Placements

1. Academics Module

SI. No	Function	Description	
1	Absent/Leave faculty	To view the list of faculty who haven't attend the college on the selected date	
2	Absentees Report	To view absentees day wise or continuously for selected number of days for all courses	
3	Academic Register	To generate register containing day wise attendance and exam wise	
4	Attendance	To enter period wise or cumulative attendance or upload cumulative attendance for certain number of days from excel sheet	
5	Attendance permission	To view the data of the persons who availed permissions on the selected date	
6	Attendance reports	To view class wise, day wise, monthly attendance reports. Attendance register, student wise and subject wise attendance reports	
7	Batches	To divide students of selected semester into batches for attending labs	



		simultaneously
8	Certificates	To issue Study, Conduct and TC's in standard formats to students and to track certificates issued to students
9	Circular entry	To issue circulars meant for students or staff or for both by principal or secretary of the institution
10	Counseling	To monitor the counseling data and generate the report of the same
11	Current Time table	To view which faculty shall be in which class room as per time table at any point of time
12	Disciplinary action	To initiate disciplinary action against students and staff and track disciplinary actions taken
13	Electives	To assign the electives to the respective students
14	Extra classes	To assign extra classes to faculty in addition to regular classes
15	Faculty	To view faculty performance i.e class taken, pass percentage etc, faculty work load, feedback given by students against a faculty, faculty leisure time, faculty work schedule and set special assignments to faculty
16	Faculty adjustments	To substitute a faculty with another faculty to take classes if former goes on leave or not able to take classes on certain day(s)
17	Feedback questions	To add feedback questions which need to be answered by students while giving feedback against faculty
18	Feedback report	To generate a report of the feedback
19	Feedback settings	To add/edit the questions that will be exercised for collecting the feedback
20	Internal Marks	To enter internal marks by faculty
21	Lab batches	To enter number of batches into which students need to divided to attend labs
22	Leaves	To generate the report of the leaves availed by the staff and other personnel
23	Projects	To assign projects and project guides to students. Guides need to upload student wise project status in excel sheet at regular intervals
24	Promotions	To view students who are qualified with credits and attendance for promotion from current semester to next semester. Reasons will be indicated against students who are not qualified for promotion. However, they can also be qualified for promotion manually
25	Resources	To view what resources are available for students to download under various categories
26	Student profile	To view complete data of selected student in one single screen. This screen contains Bio-data, Performance in current semester, performance upto the current semester, fee-payment details and backlog details of selected student
27	Teaching plan	To upload teaching plan and every day topics covered by faculty
28	Time table	To set theory and lab time tables for courses and print them
29	Upload resources	To upload learning resources to students





2. Administration module

Sl. No	Function	Description
1	Academic calendar	To set academic calendar for all courses
2	Backup	To have the backup of database
3	Branch sections	To create branches for various sources
4	College details	To enter college details. These details will be showing all the reports
5	Complaints/ Suggestions	To view complaints / suggestions posted by staff and students
6	Departments	To create departments. These departments offer courses
7	Dairy	To note important events for future. This reminds day's events when logged in
8	Holidays	To set holidays during academic year
9	Payment transactions	To add bank names so that they appear in Bank drop down in receipts/payment screens
10	Lecture halls	To add lecture hall details along with the number of benches (Number of rows and columns). This data is used while generating seating arrangement during external examinations
11	News and events	To add news or events for attention of all users. They scroll on top bar and catch attention of users when they login
12	Reset students passwords	To reset password for any student
13	Seat types	To enter convener and management quota seats under direct and lateral entry categories for courses
14	Settings	To configure GPRS modem, set attendance fine payable per day by students, set admission number and receipt number to start with set batch wise regulations for selected course
15	Staff logins	To track application login and logout timings of staff members
16	Staff working hours	To set working hours for staff
17	Student Bio-ID	To assign numbers to students. These numbers will be assigned to students while enrolling fingerprints in fingerprint devices to capture attendance
18	Subjects	To add subjects for courses
19	User levels	To create user levels and set page level access rights on individual modules for selected user level
20	Users	To assign user level, login ID and password to staff members

3. Admission module

SI. No	Function	Description
1	Admission	To enter students data through interfaces or import students data from excel sheets





2	Admissions register	To generate admissions register in standard format after admissions are over
3	Transfer	To add list of certificates to be collected from students during admission time
4	Rejoin date	To track what certificates have been submitted by a student at the time of admission
5	Sections	To view total number of students basing on the course he/she has opted for
6	Detained students	To view or enter details of detained students and readmit them

4. Correspondence Module

SI. No	Function	Description
1	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2	Greetings	To generate birthday greetings for students
3	Groups and Members	To create groups and add members to them for sending common SMS
4	Inbox	To view messages posted by other users and to compose messages to other users
5	Parents addresses	To view addresses of parents of students of selected course and print them
6	Parents correspondence	To correspond with parents of selected student(s) through email or letter
7	SMS credits	To view undelivered SMS log report on a selected day
8	SMS	To send attendance, marks, fee due sms to parents and students. To send sms to staff, students and parents. To send promotional sms to parents of prospective students during admission time

5. Examinations

SI. No.	Function	Description
1	Admissions Report	To view branch wise students admissions of selected batch in the format prescribed by the university
2	Backlogs	To view student wise and subject wise backlogs. Details of students of selected class having subject backlogs
3	Dues list	To view list of students who are yet to pay examination fees prescribed by the university
4	Exam application	To view and print exam application form for circulation among students. However this is being exercised from the JNTUK portal
5	Exam Schedule	To view and circulate the exam schedules obtained from the JNTUK portal
6	Exams	To view the details about regular/ supply examinations obtained from the JNTUK portal



7	Expenditure	To enter expenditure details incurred by examination section. However this is being exercised manually
8	Expenditure report	To view expenditure incurred by examination section. However this is being exercised manually
9	External marks	To enter external marks, analyze marks obtained and generate marks reports
10	Internal marks	To enter attendance for internal exams, internal marks, analyze marks obtained and generate marks report
11	Invigilation charges	To enter invigilation charges payable to the faculty. However this is being exercised manually
12	Lab (External)	To generate formats for taking attendance and entering marks for lab external examinations. However this is being exercised from the JNTUK portal
13	Progress reports	To generate progress reports containing both attendance and marks of selected exam.

6. Placements

SI. No.	Function	Description
1	Student performance	Generates a report of the students fulfilling the mini criteria which is customizable
2	Campus placements	To view the upcoming campus placements, notifications, MoUs
3	Report	To generate the reports of campus placements, no of students appeared, selected, and the number of students not selected

7. Library

Sl. No.	Function	Description
1	Back volumes	To enter details of national and international journals which are bound into volumes relating to certain period
2	Book status	To view and change status of selected book from reference to issue etc
3	Book bank students	To add and view students who availed book bank scheme
4	Books	To enter books data either through interfaces or importing from excel sheets
5	Books reserved	To view the details of books which are reserved by students and staff. Librarian can consider calling them when reserved books are being returned by somebody else
6	Budget and Expenditure	To view budget grants for library and enter expenditure details and view the report.
7	Circulation	To issue, return and renewal books among students and staff



8	Cross check	To view to whom a particular book was issued
9	Dept Library	To transfer books from main library to departmental library and accept them back to main library
10	Dues	To view library dues payable by students
11	Edit	To edit book details
12	OPAC	Online Public Access catalogue for search by users
13	Equipment	To post details of any equipment like Xerox machine installed in the library
14	Journals	To post details of periodical journals received in library
15	Projects	To enter details of academic projects submitted by students in library
16	Purchase order	To purchase books for library
17	Receipts	To receive books purchased for library
18	Requisition	To request books to be purchased for library
19	Rules	To set rules i.e number of issues tickets for staff and students, lending period, renewal times and fine etc for library
20	Search	To search Accession no wise, author wise, title wise, publisher wise, department wise and course wise books in library
21	Stock verification	To compare system stock of books with physical stock taken in excel sheet
22	Subjects	To enter subjects for library
23	Subscription	To subscribe for national and international journals for library
24	Suppliers	To enter details of suppliers for library
25	Reports	To view accession register, library fines, day transactions, pending returns, issues, returns, renewals, purchases and unused books etc



Principal

The principal login has the access privileges to the following modules: Academics, Employee, Library, Examinations and correspondence. The functions of the Principal are displayed in the table below:

SI. No.	Functions
01	Academics
02	Examinations
03	Employee
04	Correspondence
05	Library

1. Academics

SI. No	Function	Description	
1	Absentees Report	To view absentees day wise or continuously for selected number of days for all courses	
2	Attendance reports	To view class wise, day wise, monthly attendance reports. Attendance register, student wise and subject wise attendance reports	
3	Counseling	To monitor the counseling data and generate the report of the same	
4	Current Time table	To view which faculty shall be in which class room as per time table at any point of time	
5	Extra classes	To assign extra classes to faculty in addition to regular classes	
6	Faculty	To view faculty performance i.e class taken, pass percentage etc, faculty work load, feedback given by students against a faculty, faculty leisure time, faculty work schedule and set special assignments to faculty	
7	Internal Marks	To enter internal marks by faculty	
8	Lesson plan	To enter lesson plan and generate a report of the same	
9	Projects		
10	Resources To view what resources are available for students to download under variou categories		
11	Student	To view the student achievements however this is being carried out manually	
12			
13	Time table	To set theory and lab time tables for courses and print them	
14	Upload resources	To upload learning resources for students	



15	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
16	Library books	To get the details of the books that were issued and check the status of the same
17	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

2. Examination

SI. No.	Function	Description	
1	Backlogs	To view student wise and subject wise backlogs. Details of students of selected class having subject backlogs	
2	Dues list	To view list of students who are yet to pay examination fees prescribed by the university	
3	Exam Schedule	To view and circulate the exam schedules obtained from the JNTUK portal	
4	Exams	To view the details about regular/ supply examinations obtained from the JNTUK portal	
5	External marks	To enter external marks, analyze marks obtained and generate marks reports	
6	Internal To enter attendance for internal exams, internal marks, analyze marks obtain and generate marks report		
7	Lab (External)	To generate formats for taking attendance and entering marks for lab external examinations. However this is being exercised from the JNTUK portal	
8	Progress reports	To generate progress reports containing both attendance and marks of selected exam.	

3. Employee

SI. No.	Function	Description
1	Reports	To view the attendance registers of the employee
2	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
3	Library books	To get the details of the books that were issued and check the status of the same
4	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

4. Correspondence





SI. No	Function	Description
1	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2	Greetings	To generate birthday greetings for students
3	Groups and Members	To create groups and add members to them for sending common SMS
4	Inbox To view messages posted by other users and to compose messages to other users	
5	Staff list To view the list of the staff with the respective departments	
6	Students list	To view the list of the staff and correspond with the parents of students
7	Circulars To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually	
8	Library books To get the details of the books that were issued and check the statu	
9	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

5. Library

SI. No.	Function	Description	
1	OPAC	Online Public Access catalogue for search by users	
2	Search	To search Accession no wise, author wise, title wise, publisher wise, department wise and course wise books in library	
3	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually	
4	Library books	To get the details of the books that were issued and check the status of the same	
5	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel	

Faculty

The faculty login has the access privileges to the following modules academics, employee, correspondence, examinations, Library. The functions of the faculty are displayed in the table below:

Sl. No.	Functions
1	Academics
2	Examination
3	Library
4	Employee
5	Correspondence

1. Academics

Sl. No	Function	Description	
1	Absentees Report	To view absentees day wise or continuously for selected number of days for all courses	
2	Attendance reports	To view class wise, day wise, monthly attendance reports. Attendance register, student wise and subject wise attendance reports	
3	Counseling	To monitor the counseling data and generate the report of the same	
4	Current Time table	To view which faculty shall be in which class room as per time table at any point of time	
5	Extra classes	To assign extra classes to faculty in addition to regular classes	
6	Faculty	To view faculty performance i.e class taken, pass percentage etc, faculty work load, feedback given by students against a faculty, faculty leisure time, faculty work schedule and set special assignments to faculty	
7	Internal Marks	To enter internal marks by faculty	
8	Lesson plan	To enter lesson plan and generate a report of the same	
9	Projects	To assign projects and project guides to students. Guides need to upload student wise project status in excel sheet at regular intervals	
10	Resources To view what resources are available for students to download under variou categories		
11	Student	To view the student achievements however this is being carried out manually	
12	Student profile To view complete data of selected student in one single screen. This so contains Bio-data, Performance in current semester, performance upto current semester, fee-payment details and backlog details of selected student		
13	Time table	To set theory and lab time tables for courses and print them	
14	Upload	To upload learning resources for students	



	resources	
15	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
16	Library books	To get the details of the books that were issued and check the status of the same
17	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

2. Examination

Sl. No.	Function	Description	
1	Backlogs	To view student wise and subject wise backlogs. Details of students of selected class having subject backlogs	
2	Dues list	To view list of students who are yet to pay examination fees prescribed by the university	
3	Exam Schedule	To view and circulate the exam schedules obtained from the JNTUK portal	
4	Exams	To view the details about regular/ supply examinations obtained from the JNTUK portal	
5	External marks	To enter external marks, analyze marks obtained and generate marks reports	
6	Internal marks	To enter attendance for internal exams, internal marks, analyze marks obtained and generate marks report	
7	Lab To generate formats for taking attendance and entering marks for lab ext (External) examinations. However this is being exercised from the JNTUK portal		
8	Progress reports	To generate progress reports containing both attendance and marks of selected exam.	

3. Library

SI. No.	Function	Description	
1	OPAC	Online Public Access catalogue for search by users	
2	Search	To search Accession no wise, author wise, title wise, publisher wise, department wise and course wise books in library	
3	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually	
4	Library books	To get the details of the books that were issued and check the status of the same	
5	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel	



4. Employee

SI. No.	Function	Description
1	Reports	To view the attendance registers of the employee
2	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
3	Library books	To get the details of the books that were issued and check the status of the same
4	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

5. Correspondence

SI. No	Function	Description
1	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2	Greetings	To generate birthday greetings for students
3	Groups and Members	To create groups and add members to them for sending common SMS
4	Inbox	To view messages posted by other users and to compose messages to other users
5	Staff list	To view the list of the staff with the respective departments
6	Students list	To view the list of the staff and correspond with the parents of students
7	Circulars To generate the circulars and look at the status of the same for a of 30 days however the same functionality is being practiced many	
8	Library books	To get the details of the books that were issued and check the status of the same
9	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

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Accounts

The accounts login has the access privileges to the following modules: Fee payments, Correspondence. However, the rest of the functions that are exercised are dissipated among supporting staff module as well. The functions of the Accounts and supporting staff are displayed in the table below:

SI. No	Function	Description
1	Attendance fine	To view fine payable monthly by students for the days becoming absent and collecting fine
2	Bank accounts	To enter bank account details
3	Bank deposits	To enter cash or cheque deposits in selected bank account
4	Bank transactions	To view deposits or withdrawal history of selected bank account
5	Bank withdrawals	To enter withdrawal details from selected bank account
6	Bill clearance	To view suppliers pending bills and clearing them for payment
7	Department budgets	To set annual expenditure budgets for individual departments
8	Day book	To view financial transactions recorded during the selected day
9	Expenditure heads	To add expenditure heads
10	Expenditure reports	To view had wise expenditure transactions
11	Fee refunds	To refund fees already collected to students in case of college transfers
12	Profit/Loss	To view profit and loss statement during the selected period of time
13	Receipts	To enter non fee receipts
14	Receipts reports	To view head wise revenue reports
15	Revenue heads	To add revenue heads
16	Transactions	To view financial transactions and edit them if needed

Library

The library login has the access privileges to the following modules Library, Examinations and Correspondence. The functions of the supporting staff are displayed in the table below:

SI. No.	Function	Description
1	Back volumes	To enter details of national and international journals which are bound into volumes relating to certain period
2	Book status	To view and change status of selected book from reference to issue etc
3	Book bank	

	students	
4	Books	To enter books data either through interfaces or importing from excel sheets
5	Books reserved	To view the details of books which are reserved by students and staff. Librarian can consider calling them when reserved books are being returned by somebody else
6	Budget and Expenditure	To view budget grants for library and enter expenditure details and view the report.
7	Circulation	To issue, return and renewal books among students and staff
8	Cross check	To view to whom a particular book was issued
9	Dept Library	To transfer books from main library to departmental library and accept them back to main library
10	Dues	To view library dues payable by students
11	Edit	To edit book details
12	OPAC	Online Public Access catalogue for search by users
13	Equipment	To post details of any equipment like Xerox machine installed in the library
14	Journals	To post details of periodical journals received in library
15	Projects	To enter details of academic projects submitted by students in library
16	Purchase order	To purchase books for library
17	Receipts	To receive books purchased for library
18	Requisition	To request books to be purchased for library
19	Rules	To set rules i.e number of issues tickets for staff and students, lending period, renewal times and fine etc for library
20	Search	To search Accession no wise, author wise, title wise, publisher wise, department wise and course wise books in library
21	Stock verification	To compare system stock of books with physical stock taken in excel sheet
22	Subjects	To enter subjects for library
23	Subscription	To subscribe for national and international journals for library
24	Suppliers	To enter details of suppliers for library
25	Reports	To view accession register, library fines, day transactions, pending returns, issues, returns, renewals, purchases and unused books etc



Examination Section

The examination section login has the access privileges to the following modules Admin, Academics, Employee, Correspondence, Examinations, Placements, Admissions, Employee. The functions of the examination section are displayed in the table below:

SI. No.	Function	Description	
1.	Admissions report	To view branch wise students admissions of selected batch in the format	
2.	Backlogs	To view student wise and subject wise backlogs. Details of students of selected class having subject backlogs	
3.	Dues list	To view list of students who are yet to pay examination fees prescribed by the university	
4.	Exam application	To view and print exam application form for circulation among students. However this is being exercised from the JNTUK portal	
5.	Exam schedule	To view and circulate the exam schedules obtained from the JNTUK portal	
6.	Exams	To view the details about Regular/Supply examinations obtained from the JNTUK portal	
7.	Expenditure	To enter expenditure incurred by examination section. However, this is being exercised manually	
8.	Expenditure report	To view expenditure incurred by examination section. However, this is being exercised manually	
9.	External marks	To enter external marks, analyze marks obtained and generate marks reports	
10.	Internal marks	To enter attendance for internal exams, internal marks, analyze marks obtained and generate marks report	
11.	Invigilation charges	To enter invigilation charges payable to faculty. However, this is being exercised manually	
12.	Lab (External)	To generate formats for taking attendance and entering marks for lab external examinations. However, this is being exercised from the JNTUK portal	
13.	Progress reports	To generate progress reports containing both attendance and marks of selected exam.	



Supporting staff

The supporting staff login has the access privileges to the following modules academics, employee, correspondence, Examination, Placements, and Admissions. The functions of the supporting staff are displayed in the table below:

Sl. No.	Functions
1	Admin
2	Admissions
3	Academics
4	Examinations
5	Placements
6	Employee
7	Correspondence

1. Admin

SI. No.	Function	Description
1.	Branch sections	To assign or modify students to a branch
2.	OTPS	To view the reports of the OTPS generated to the students
3.	Reset student password	To reset the password of a particular student
4.	Subjects	To add or modify the subjects in a respective semester according to the academic regulation
5.	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
6.	Library books	To get the details of the books that were issued and check the status of the same
7.	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

2. Admission

SI. No	Function	Description
1	Admission	To enter students data through interfaces or import students data from excel sheets
2	Admissions register	To generate admissions register in standard format after admissions are over



3	Transfer	To add list of certificates to be collected from students during admission time
4	Rejoin date	To track what certificates have been submitted by a student at the time of admission
5	Sections	To view total number of students basing on the course he/she has opted for
6	Detained students	To view or enter details of detained students and readmit them

3. Academics

SI. No	Function	Description
1	Absentees Report	To view absentees day wise or continuously for selected number of days for all courses
2	Attendance reports	To view class wise, day wise, monthly attendance reports. Attendance register, student wise and subject wise attendance reports
3	Counseling	To monitor the counseling data and generate the report of the same
4	Current Time table	To view which faculty shall be in which class room as per time table at any point of time
5	Extra classes	To assign extra classes to faculty in addition to regular classes
6	Faculty	To view faculty performance i.e class taken, pass percentage etc, faculty work load, feedback given by students against a faculty, faculty leisure time, faculty work schedule and set special assignments to faculty
7	Internal Marks	To enter internal marks by faculty
8	Lesson plan	To enter lesson plan and generate a report of the same
9	Projects	To assign projects and project guides to students. Guides need to upload student wise project status in excel sheet at regular intervals
10	Resources	To view what resources are available for students to download under various categories
11	Student	To view the student achievements however this is being carried out manually
12	Student profile	To view complete data of selected student in one single screen. This screen contains Bio-data, Performance in current semester, performance upto the current semester, fee-payment details and backlog details of selected student
13	Time table	To set theory and lab time tables for courses and print them
14	Upload resources	To upload learning resources for students
15	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
16	Library books	To get the details of the books that were issued and check the status of the same
17	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel



4. Examination

Sl. No.	Function	Description
1	Backlogs	To view student wise and subject wise backlogs. Details of students of selected class having subject backlogs
2	Dues list	To view list of students who are yet to pay examination fees prescribed by the university
3	Exam Schedule	To view and circulate the exam schedules obtained from the JNTUK portal
4	Exams	To view the details about regular/ supply examinations obtained from the JNTUK portal
5	External marks	To enter external marks, analyze marks obtained and generate marks reports
6	Internal marks	To enter attendance for internal exams, internal marks, analyze marks obtained and generate marks report
7	Lab (External)	To generate formats for taking attendance and entering marks for lab external examinations. However this is being exercised from the JNTUK portal
8	Progress reports	To generate progress reports containing both attendance and marks of selected exam.
9	Registration	To view and generate a report of the students who have paid respective fee on a selected dates
10	Update roll	To update the roll no of the rejoining students
11	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
12	Library Books	To get the details of the books that were issued and check the status of the same
13	Leaves History	To generate the leaves that are utilized and can check the available leaves of the personnel

5. Placements

SI. No.	Function	Description
1	Student performance	Generates a report of the students fulfilling the mini criteria which is customizable
2	Circulars	To view at the circulars, however this function is not being exercised
3	Campus placements	To view the upcoming campus placements, notifications, MoUs
4	Report	To generate the reports of campus placements, no of students appeared, selected, and the number of students not selected



6. Employee

SI. No.	Function	Description
1	Reports	To view the attendance registers of the employee
2	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
3	Library books	To get the details of the books that were issued and check the status of the same
4	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

7. Correspondence

SI. No	Function	Description
1	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2	Greetings	To generate birthday greetings for students
3	Groups and Members	To create groups and add members to them for sending common SMS
4	Inbox	To view messages posted by other users and to compose messages to other users
5	Staff list	To view the list of the staff with the respective departments
6	Students list	To view the list of the staff and correspond with the parents of students
7	Circulars	To generate the circulars and look at the status of the same for a period of 30 days however the same functionality is being practiced manually
8	Library books	To get the details of the books that were issued and check the status of the same
9	Leaves history	To generate the leaves that are utilized and can check the available leaves of the personnel

Student/ Parent

The function of the student / parent is displayed in the below screenshot:

SI. No	Function	Description
1	Academic calendar	To view the academic calendar of the course and semester, the student currently studying.
2	Attendance	Displays daily, monthly and up to date attendance of student who logged in
3	Backlogs	Show the subject backlogs





4	Book search	To search for books in the library by the student
5	Circulars	To view the circulars issued by the principal and management addressed to the students
6	Complaints/Suggestions	To post complaints/ suggestions for attention by the administrator
7	Exam schedule	To view the internal and external exam schedules by students
8	Faculty feedback	To post feedback against the faculty by student who logged in.
9	Fee details	Displays the details of fee paid
10	Fee dues	Displays the details of fee dues payable by the logged in student and the same is reflected to the parent as well
11	Resources	Student/parent can view and download the resources uploaded by the faculty or librarian
12	Library Books	Displays history of book issues and returns from library of logged in student
13	Marks	Shows parent/student's semester wise marks with aggregate
14	Project Search	Students/ parents can search for academic projects titles and abstracts from library
15	Profile	Students/ parent can view Bio-data, performance in current semester and previous semesters, attendance percentage, fee payment details, backlog details
16	Time table	Student can view the class time tables

The access authorization is restricted specifically for various stakeholders to maintain confidentiality for better governance. The main modules which are already listed above are exercised as follows.

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SCREENSHOTS

ACADEMICS

The functions associated with this module are displayed in the below screenshot

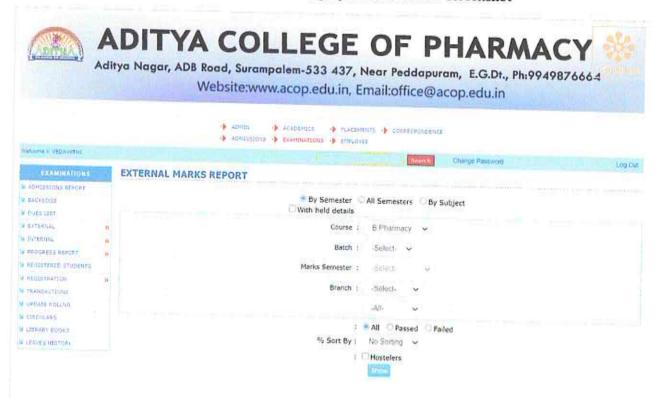


SCREENSHOT OF THE ACADEMICS MODULE

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EXAMINATION

The functions associated with this module are displayed in the below screenshot

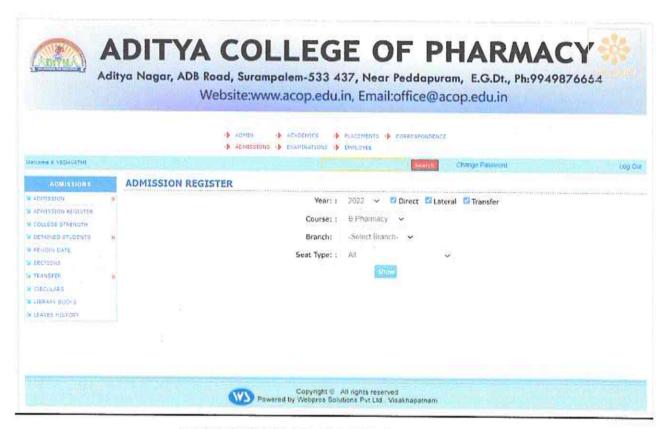


SCREENSHOT OF EXAMINATIONS MODULE



ADMISSION

The functions associated with this module are displayed in the below screenshot

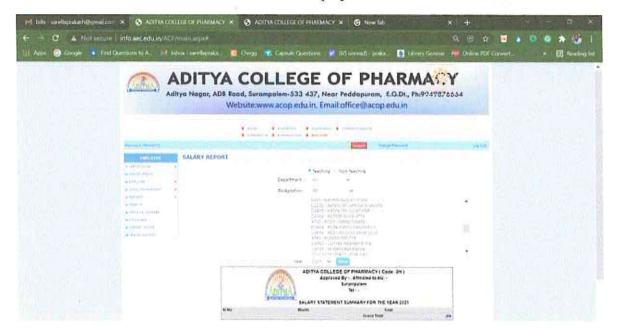


SCREENSHOT OF ADMISSIONS MODULE

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ACCOUNTS

The functions associated with this module are displayed in the below screenshot

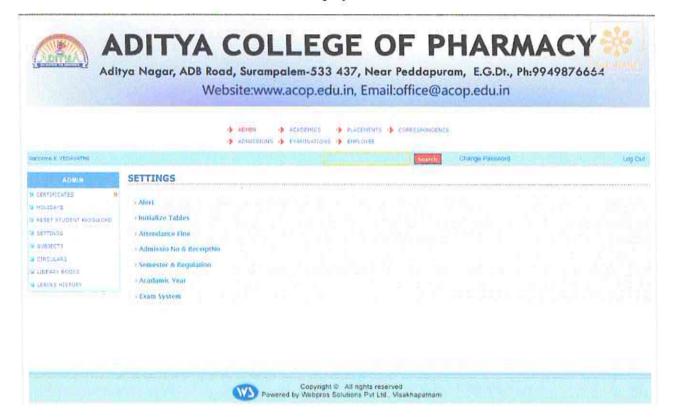


SCREENSHOT OF ACCOUNTS MODULE



ADMINISTRATION

The functions associated with this module are displayed in the below screenshot

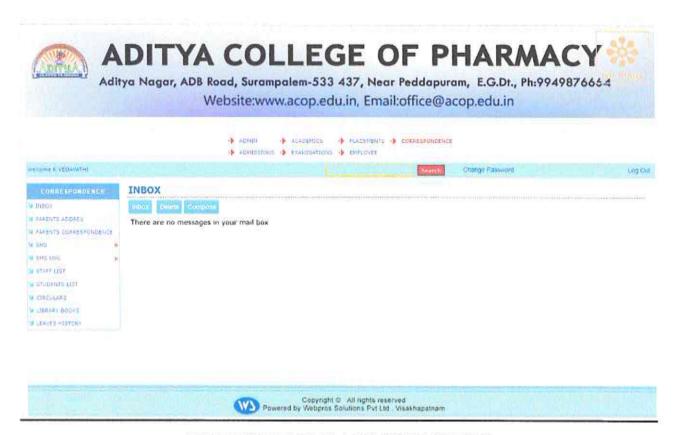




SCREENSHOT OF ADMINISTRATION MODULE

PLACEMENTS

The functions associated with this module are displayed in the below screenshot



SCREENSHOT OF PLACEMENT MODULE



LIBRARY

The functions associated with this module are displayed in the below screenshot



SCREENSHOT OF LIBRARY MODULE

STOP ATTO