PROFORMA INVOICE

WEBPROS SOLUTIONS PVT. LTD.
Reg.Office & Factory: # 39-34-15/3, Ambedkar Colony,
Behind RTO Office, Near R & B, Muralinagar, Visakhapatnam - 530007
Mobile: 96769 07555, 9705748149 Email: ravi@webprosindia.com

Invoice No:	WS140
Date:	02/05/2022
P.O. No:	Verbal
P.O. Date:	
Supplier's Ref. No:	
Dispatched Through:	
Dispatch No:	
Dispatch Date:	
Destination:	
Packing Details:	
Terms of Delivery:	
Contact Person:	Rangaraju
Contact No:	9000380115
Terms of Payment:	

Buyer's Name & Address:

DNR College of Engineering & Technology
Rama Puram, Balusumoodi, Bhimavaram

Buyer's TIN No.:

Ship to:

DNR College of Engineering & Technology
Rama Puram, Balusumoodi, Bhimavaram

Buyer's TIN No.:

Sl. No.	Description of Goods	Qty Nos	Unit Rate ₹	Amount ₹
1	Engineering college automation package (for the period of Jan 2022 to Dec 2023)	1	11500	11,500.00
	Total before tax			11,500.00
	GST		18%	2,070.00
In words	**Thirteen Thousand Five Hundred Seventy Only**	Total after Tax	1	₹ 13,570.00

Terms & Conditions

1. Payment to be made in favour of **Webpros Solutions Pvt. Ltd**
2. Interest @18% will be charged if the bill is not paid within the stipulated time
3. Goods once sold will not be taken back
4. No Warranty for burn and physical damage
5. All disputes subject to Visakhapatnam Jurisdiction only

For Webpros Solutions Pvt. Ltd.

(Authorized Signatory)

Forward to the Principal Sir

M. Ayankumar
PRINCIPAL
D.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202

INVOICE

WEBPROS SOLUTIONS PVT. LTD.
Flat No. 303, K.M.Towers, Opp. Timpany School Main Gate, C.B.M.Compound, Visakhapatnam – 500 003.
Ph: 0891 - 3097980, Mob.: +91 96769 07555
Email:ravi@webprosindia.com
COMPANY'S TIN No.: 28254339675

Invoice No.183

Date: 8-7-14

P.O. No.

Date:

CONSIGNEE NAME & ADDRESS:-

DNR ENGINEERING COLLEGE
BHIMAVARAM

Dispatch Through:

Dispatch No:

Dispatch Date:

Destination:

Terms of Payment:

Sl.No.	DESCRIPTION OF GOODS	QTY	RATE ₹	AMOUNT ₹	
1	Engineering college automation package (ECAP) Installation and Training	60000		60000	00
+TOTAL AMOUNT	In words: Sixty thousands only			₹60,000	00

TERMS & CONDITIONS

1. Payment to be made in favour of Webpros Solutions Pvt. Ltd.
2. Interest @18% will be charged if the bill is not paid within the stipulated time.
3. Goods once sold will not be taken back.
4. All disputes subject to Visakhapatnam Jurisdiction only.

For WEBPROS SOLUTIONS (P) LTD

(Authorized Signatory)

M. Arjankumar

PRINCIPAL
D.N.R. College of Engg. & Tech
BHIMAVARAM-534 202

Pay Rs. 15,000 + 7,250 (For SMS)
= 22,250/-

D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

D.N.R.College Association

Income & Expenditure Account for the year 2018-19

EXPENDITURE		Amount Rs.	INCOME		Amount Rs.
To	Staff Salaries	45589118	"	Tuition fee	50369994
"	Electrical charges	1267982	"	Affiliation& Other fee	11877484
"	Advertisement charges	62769	"	Research Grant	207000
"	Bank charges	13623	"	N.S.S. Grant	213600
"	Repaire & Maintenance	812754	"	Consultancy	207000
"	Workshop expences	1416929	"	Bank intrest	539479
"	Research Exp	365000	"	Allumni contribution	500000
"	Consultancy	125000	"	Scholarships & Donations	760000
"	Faculty Incentives	1127000			
"	Faculty Staff welfare	918000			
"	Students Welfare	245000			
"	ECAP-ERP	15000	"	Income over expenditure	17808222
"	NSS Exp	215647			
"	Training & Placements	1354842			
"	Sports & Games	824122			
"	Web site	294750			
"	Lab Consumbles	818402			
"	Computer Maintenance	2445260			
"	Printing & Stationery	897241			
"	Professional charges	17700			
"	Paper & e-resources exp	225080			
"	Vehicle Maintenance	1070921			
"	Telephone bills	24628			
"	Internet Bill	73054			
"	Press, Media & Publications Exp	1222960			
"	Security services	156099			
"	Examination fee	4144558			
"	Examination expences	3597813			
"	Affiliation fee & Other fee	3649502			
"	AFRC Registration fee	36000			
"	APECMA Subscription	46200			
"	Dipreciation	9409825			
		82482779			82482779

M. Satyakumar

PRINCIPAL
D.N.R.College of Engg. & Tech.
BHIMAVARAM-534 202.

PRINCIPAL
D.N.R. College of Engg. & Tech.
BHIMAVARAM-534 202.

Secretary & Correspondent,
D.N.R. College Association
BHIMAVARAM - 534 202.

For K.S.N. RAJU & ASSOCIATES

22 6 19

D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

D.N.R.College Association

Income & Expenditure Account for the year 2019-20

	EXPENDITURE	Amount Rs.		INCOME	Amount Rs.
To	Salaries:		By	Tuition fee	41560411
"	Staff Salaries	49368268	"	Affiliation& Other fee	7215455
"	Administration & Other Exp		"	Bank interest	311899
"	Bank charges	9067	"	Research Grant	480880
"	Advertisement charges	66003	"	Consultancy	200000
"	Printing & Stationery	1237406	"	Allumni contribution	1800000
"	Computer & Lab Maintenance	256663	"	Scholarshop & Donations	3369000
"	Travelling Expenses	567321	"	N.S.S.Grant	185640
"	Office Maintenance	384397			
"	Vehicle Maintenance	924493	"	Expences over Income	26263546
"	Research Exp	485200			
"	Consultancy	125000			
"	Faculty staff welfare	1045200			
"	Students Welfare	227430			
"	Garden Exp	205000			
"	Security services	374762			
"	Rates & Taxes	211420			
"	Miscellaneous	3830			
"	ECAP	13570			
"	Property tax	344157			
"	Telephone bills	33711			
"	Electrical charges	1388145			
"	Lab Consumables	363689			
"	Professional charges	35990			
"	N.S.S. Exp	205245			
"	Solar expenses	102819			
"	Student Related Expenditure:				
"	Affiliation & Other fee	658425			
"	University common service fee	3007350			
"	Inspection fee	64000			
"	APSHE Fee	34900			
"	AICTE Fee	430000			
"	CSI Member ship fee	12980			
"	Training & Placements	1649187			
"	Examination fee	3566075			
"	Examination Branch expenses	1797853			
"	Seminars & Workshops	1085743			
"	Sports & Games	124550			
"	NAAC fee	611973			
"	APECMA subscription	46200			
"	Library Reading Room Exp	82811			
"	Internet bill	97238			
"	web site Maintenance Exp	22250			
"	Annual Day Expenses	361997			
"	Depriciation	9754513.18			
		81386831			81386831

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Secretary & Correspondent
D.N.R. College Association
BHIMAVARAM-534 202.

For K.S.N. RAJU & ASSOCIATES
Chartered Accountants
K. SATYANARAYANA RAJU
Proprietor
M.No: 024215
05.10.2020

D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

D.N.R.College Association

Income & Expenditure Account for the year 2020-21

	EXPENDITURE	TOTAL		INCOME	TOTAL
To	Staff Salaries:		By	Students Fee	72516206
"	Staff Salaries	36809229	"	Affiliation & Other fee	2585100
"	Administration & other Exp		"	Research Grant	825000
"	Bank charges	15316	"	Bank Interest	96121
"	Advertisement charges	73121	"	NSS Grant	520000
"	Printing & Stationery	871013	"	Examination fee	1725965
"	Repaires & Maintenance	226722	"	Scholar ships & Donations	420000
"	Computer & Lab Maint	230000	"	Allumni contribution	1500000
"	Travelling exp	1500000	"	Consultancy	110000
"	Student Welfare exp	1059650			
"	Security charges	290106			
"	Admissions Exp	60075			
"	Professional charges	23600			
"	Gardening Work exp	583500			
"	Properity tax	318946			
"	Sanitary Consumables	571942			
"	Telephone Bills	53493			
"	Postal charges	20020			
"	Electrical charges	828436			
"	Lab consumables	897277			
"	Miscellaneous	11611			
"	Vehicle Maintnence	711346			
"	xerox machine repaire exp	37700			
"	ECAP	13570			
"	Affiliation & Other fee	5344732			
"	AFRC Registration fee	40000			
"	Examination fee paid	2676630			
"	Examination Exp	942181			
"	FD Programme Exp	1223071			
"	Seminars & Workshops exp	1511656			
"	Press,Media&Publications	200000			
"	Training & Placement cell exp	917691			
"	Website Maintnence	23900			
"	internet bills	85000			
"	Membership fee exp	18445			
"	AICTE Seminar Exp	465000			
"	Research Exp	835000			
"	Consultancy	75100			
"	Faculty staff welfare	855400			
"	NSS Camp Exp	525005			
"	Dipreciation	9999731			
"	Expences over Income	9353177			
	Total	80298392			80298392

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Secretary & Correspondent
D.N.R.College Association
BHIMAVARAM-534 202.

For K.S.N.RAJU & ASSOCIATES

D.N.R.COLLEGE OF ENGINEERING & TECHNOLOGY

D.N.R.College Association

Income & Expenditure Account for the year 2021-2022

EXPENDITURE		AMOUNT (Rs.)	INCOME		AMOUNT (Rs.)
To	**Salaries:**		By	Students Fee	61614724
"	Staff Salaries	46635693	"	Affiliation & Other fee	10582481
"	**Administration & other Exp**		"	Bank Interest	60089
"	Bank charges	28328	"	NSS Grant	161000
"	Advertisement charges	119280	"	Research Grant	401845
"	Printing & Stationery	808186	"	Scholar ships & Donations	1340000
"	Repaires & Maintenance	448000	"	Consultancy	200000
"	Computer & Lab Maint	200847	"	Allumni contribution	1500000
"	Travelling exp	4900600			
"	Student Welfare exp	1590000			
"	Admissions Exp	96500	"	Income over Expenditure	15962324
	Professional charges	23600			
"	Property tax	395279			
	Sanitary Consumables	615800			
"	Telephone Bills	439490			
"	Postal charges	56300			
"	Electrical charges	1121194			
"	Lab consumables	3239670			
"	Vehicle Maintenance	1038766			
"	xerox machine repaire exp	76680			
"	APPECMA Membership fee	70000			
"	Fire safty renuwal fee	334940			
"	Staff Ratification Exp	158000			
"	ECAP	13570			
"	**Sudents Related Exp**				
"	Affiliation & Other fee	4924760			
"	Examination fee paid	3540590			
"	Examination Exp	723160			
"	Seminars & Workshops exp	3003180			
"	Press, Media & Publications	810000			
"	Training & Placement cell exp	160024			
"	Website Maintenance	68500			
"	AICTE- Seminar Exp	526987			
"	Research Exp	405000			
"	Consultancy	123390			
"	Faculty Staff welfare	1885400			
"	internet bills	75000			
"	NSS Camp Exp	170152			
"	Sports & Games	585000			
"	Dipreciation	15947953.3			
		95359819.3			91822463

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BHIMAVARAM-534 202.

Secretary & Correspondent
D.N.R.College Association
BHIMAVARAM-534 202.

For K.S.N. RAJU & ASSOCIATES
Chartered Accountants
Regn. No. (FRN) 003479 S
Chartered Accountants
(SATYANARAYANA RAJU)
Proprietor
M.No. 024215

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ENGINEERING COLLEGE AUTOMATION PACKAGE(ECAP)

ECAP URL : http://192.168.1.222/ecap/Default.aspx?ReturnUrl=%2fECAP

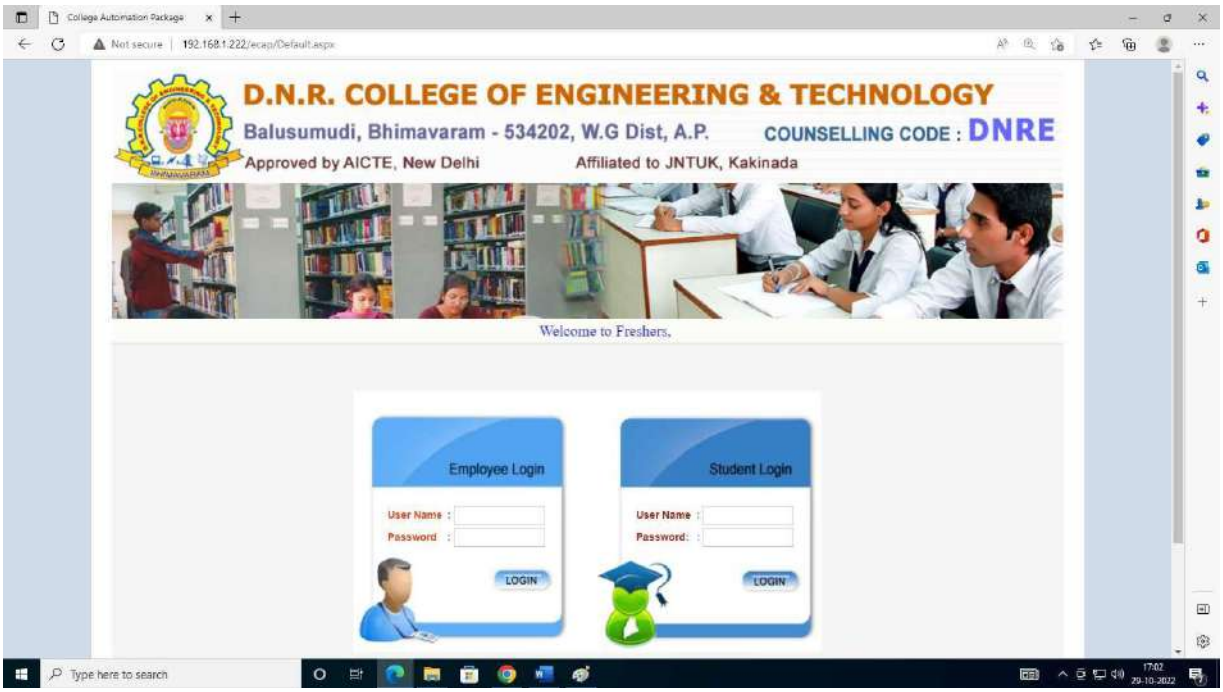

Fig-1. EACP Home Page

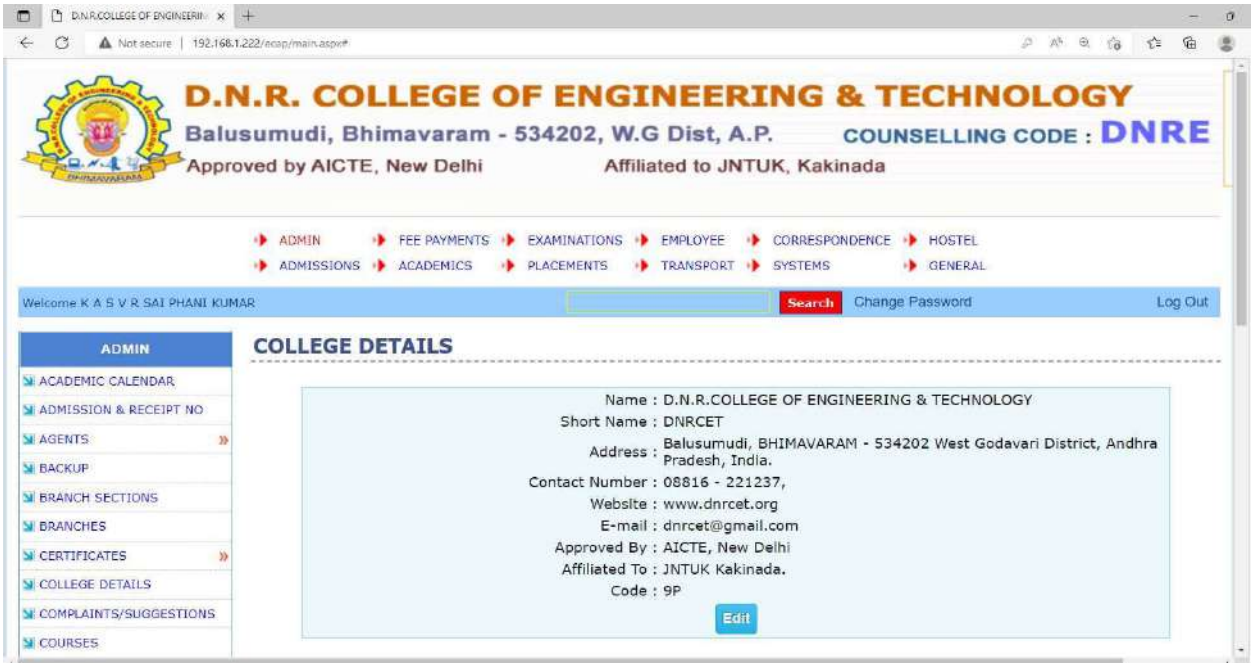

Fig-2. Administration Module

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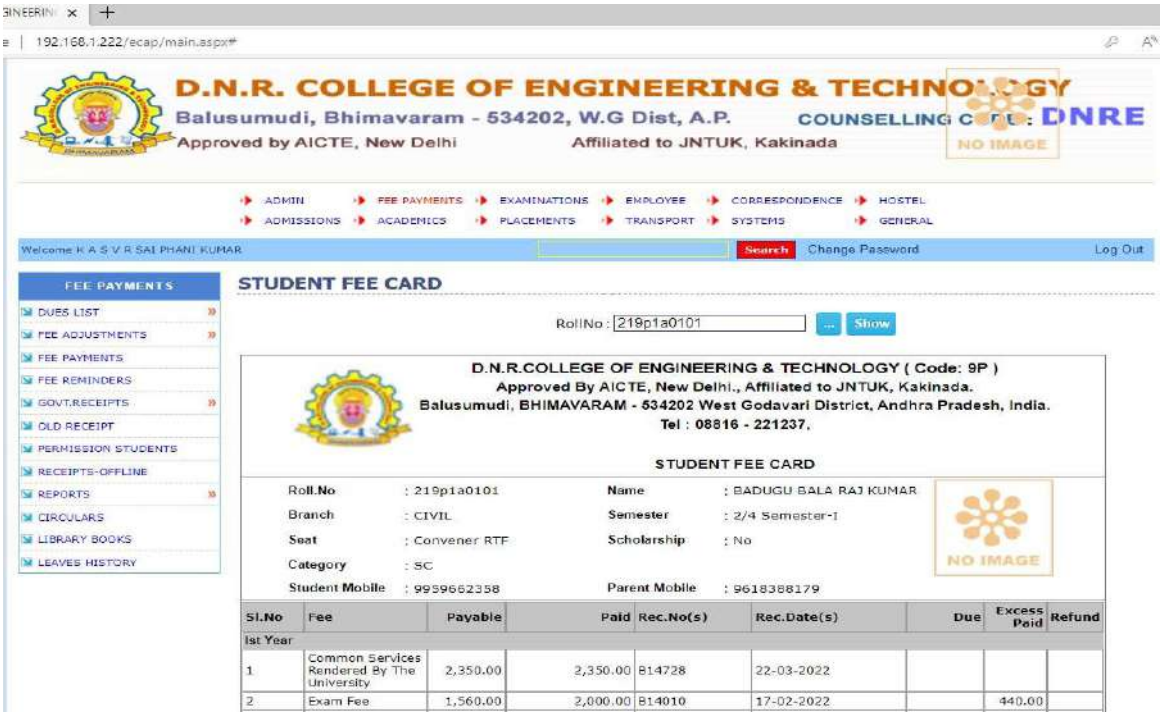

Fig-3. Fee Payments Module

Fig-4. Admissions Module

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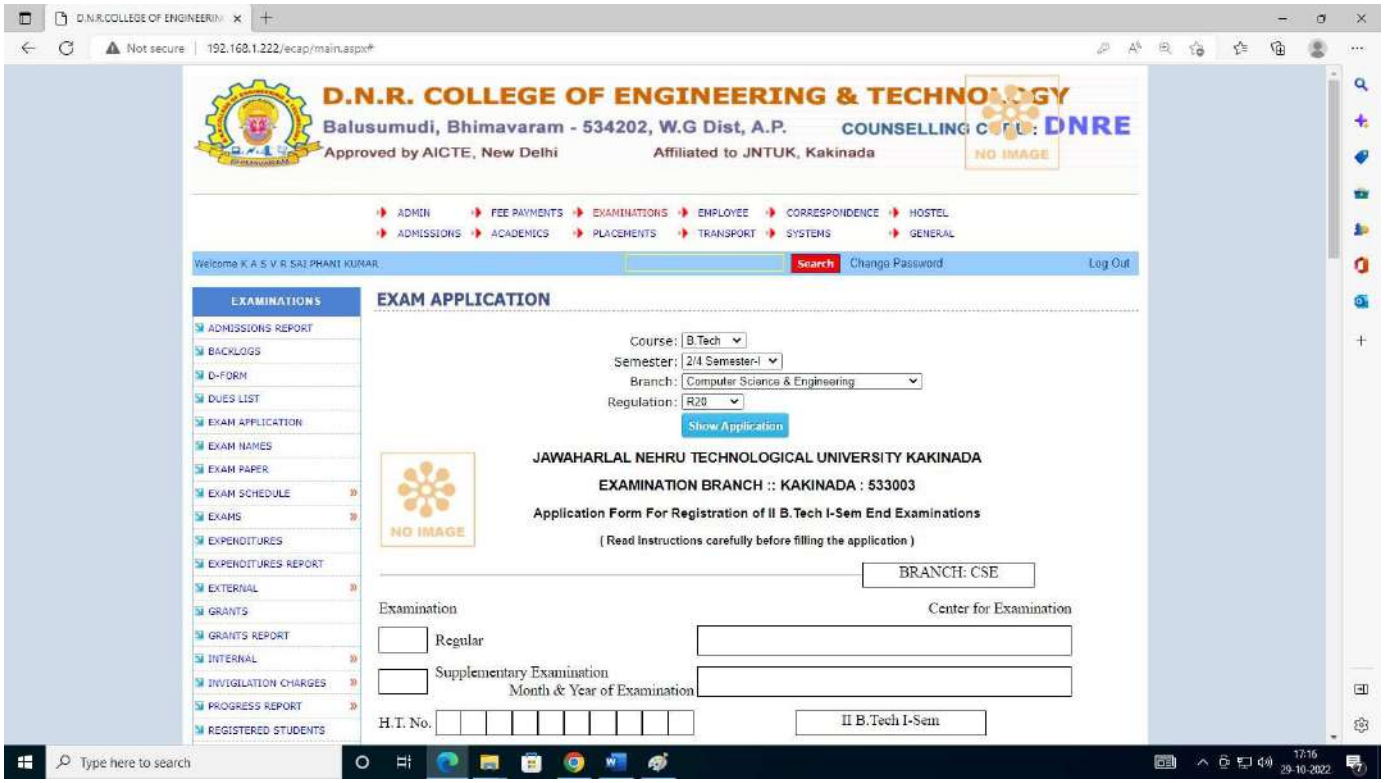

Fig-5. Examination Module

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D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

e-Governance Policy

To provide increased transparency, greater convenience of governance within the institution, it is decided to adopt and implement e-governance in activities of institution. With this aim, the authorities of DNR College of Engineering & Technology resolved to implement e-governance in all possible areas.

Objectives:

1. To achieve efficiency in functioning of various activities of the institution
2. To promote transparency and accountability in academic and administrative activities
3. To minimize paperless administration in the institution
4. To provide easy access to information
5. To facilitate internal & external communication through online
6. To make the institution visible globally

The institution has decided to take a great leap in the implementation of e-governance in areas like Planning and Development, Administration, Examination Management System, Finance and Accounts, Student admission and support. The key identified areas are as below,

- ✓ Institution Website
- ✓ Student Admission and Support
- ✓ Students Academics and Teaching Aids
- ✓ Assessment of Course Outcomes and Program Outcomes
- ✓ Library Management
- ✓ Administration
- ✓ Examinations & Results
- ✓ Finance & Accounts
- ✓ Purchase Management
- ✓ Alumni

M. Ayyankuman

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BHIMAVARAM-534 202

6.2.3 ERP DOCUMENT

1. ECAP- Engineering College Automation Package

INTRODUCTION TO ERP & ECAP

The **ERP** software stands for Enterprise Resource Planning software. It helps us to manage an entire institution, from admissions to assessments of the students and staff. All the details of the team are well organized for the smooth workflow of an institution. We can manage all the details of the students; about their contact information, grades, assessment, fees, course, and every major or minute details. Using this software we can manage database of staff, accounts, infrastructure details etc.

ECAP stands for Engineering College Automation Package. It is designed and developed by Webpros Solutions Pvt. Ltd., Visakhapatnam. ECAP aims at immediate availability of data in required formats to ease the work of staff and management and increase in transparency and accountability in administration. This software is exclusively used for our institution library.

BENEFITS OF ERP & ECAP SOFTWARES:

The **ERP software** system automates and streamlines all the processes functioning within the boundaries of the institution to significantly improve the effectiveness of allocating and operating academic resources better. It is a comprehensive system that automates the entire institute activities from admission, attendance, fee management, examination and beyond. The features covered in the ERP software helps to streamline every activity in an institute, giving the management the bird's eye view of all the activities happening in the institute, in real-time.

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Library of DNRCET is automated by Integrated Library Management System (ILMS). **ECAP** stands for Engineering College Automation Package. It is designed and developed by Webpros Solutions Pvt. Ltd., Visakhapatnam. ECAP aims at immediate availability of data in required formats to ease the work of staff and management and increase in transparency and accountability in administration. This software is exclusively used for our institution library

ECAP URL

ECAP : http://192.168.1.222/ecap/Default.aspx?ReturnUrl=%2fECAP

PACKAGE HIGHLIGHTS

- Internet or Intranet enabled application
- User levels with access rights for data security
- Course/Batch/Category/Student fee dues reports
- Fee/Attendance reminders and progress reports
- Attendance & Marks analysis
- Integration with attendance capturing devices
- Barcode integrated Library module
- Login for students/parents to access data online

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Implementation of ERP (ECAP) in Academic Process

The Institution maintains the data in ERP (ECAP) for effective resource planning. A service provider was identified for effective implementation and support activities.

The following Modules are available in ECAP Software.

Administration
Academics
Accounts
Admissions Fee
Payments
Examinations
Placements
Correspondence
Library
Staff
Hostel
Transport
Students

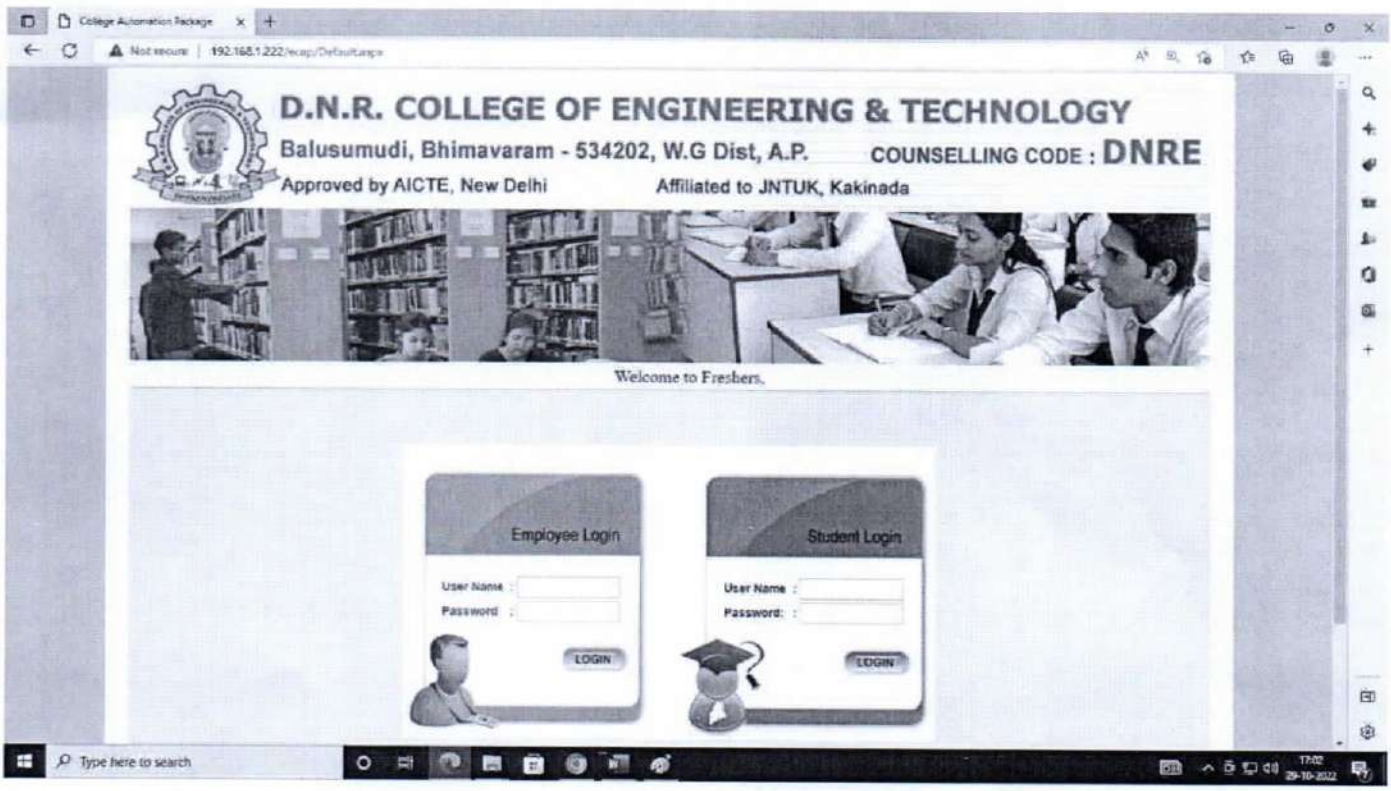

Fig-1. EACP Home Page

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Academics Module Features:

Sl.No	Link Name	Description
1.	Absentees Report	To view absentees day wise or continuously for selected number of days for all courses.
2.	Academic Register	To generate register containing day wise attendance and exam wise marks of all students for a selected subject.
3.	Attendance	To enter period wise or cumulative attendance or upload cumulative attendance for certain number of days from excel sheet.
4.	Attendance Reports	To view Class wise, Day wise, Monthly Attendance reports. Attendance register, student wise and subject wise attendance reports can also be viewed. Attendance shortage report also canbe seen.
5.	Batches	To divide students of selected semester into batches for attending labs simultaneously.
6.	Certificates	To issue Study, Conduct and TC certificates in standard formats to students and to track certificates issued to students.
7.	Circular	To issue circulars meant for students or staff or for both by principal or secretary of the institution.
8.	Current Time Table	To view which faculty shall be in which class room as per time table at any point of time.
9.	Disciplinary Action	To initiate disciplinary action against students and staff and track disciplinary actions taken.
10.	Extra Classes	To assign extra classes to faculty in addition to regular classes.
11.	Faculty	To view faculty performance i.e class taken, marks obtained etc, faculty work load, feedback given by students against a faculty, faculty leisure time, faculty work schedule and set special assignments to faculty,
12.	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).
13.	Feedback Questions	To add feedback questions which need to be answered by students while giving feedback against faculty.
14.	Internal Marks	To enter internal marks by faculty.
15.	Lab Batches	To enter number of batches into which students need to be divided to attend labs.
16.	MBA	To enter specializations for MBA course and select electives chosen by students.
17.	Projects	To assign projects and project guides to students of of B.Tech, MBA, MCA and M.Tech courses and track the progress of individual projects. Guides need to upload student wise project status in excel sheet at regular intervals.
18.	Promotions	TTo 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.
19.	Resources	To view what resources are available for students to download under various categories.
20.	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 Backlogs details of selected student.
21.	Teaching Assignments	To assign subjects to faculty.
22.	Teaching Plans	To upload teaching plan and every day topics covered by faculty.
23.	Time Table	To set theory and lab time tables for courses and print them.
24.	Student Messages	To post messages/assignments to selected student(s) by faculty.
25.	Upload Resource	To upload resources meant for students by faculty.

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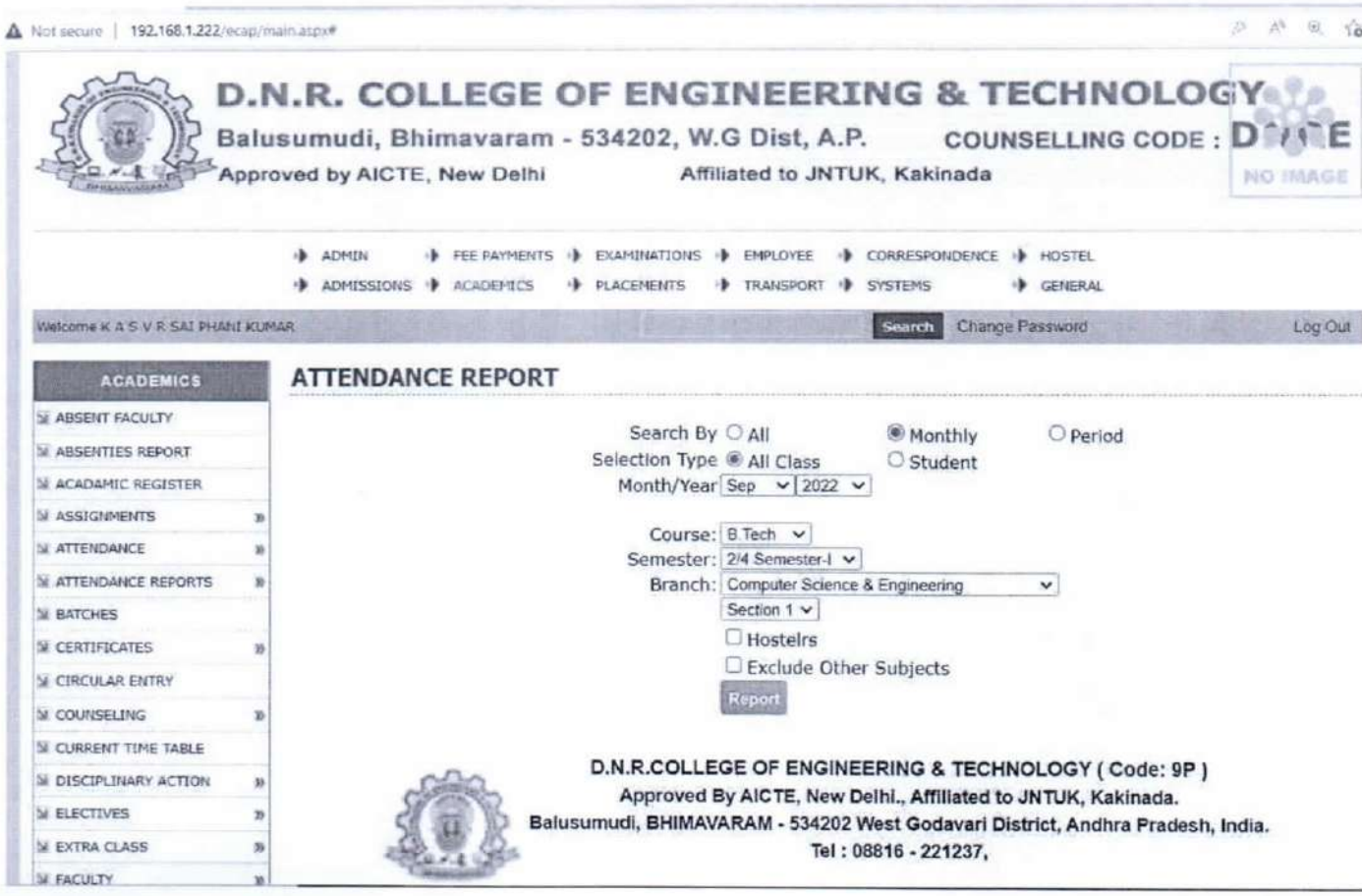

Fig-2. Academics Module

Accounts Module Features:

Sl.No	Link Name	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 etc.
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.

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Administration Module Features:

Sl.No	Link Name	Description
1.	Academic Calendar	To set Academic Calendar for all courses.
2.	Backup & Restore	To take database back up and restore manually
3.	Branches	To create branches for various courses.
4.	College Details	To enter college details. These details will be shown all reports.
5.	Complaints	To view complaints/suggestions posted by staff and students.
6.	Courses	To create Courses. B.Tech, MBA, MCA and M.Tech courses can be added.
7.	Credits	To set credits required to promote students from one semester to next semester for any course.
8.	Departments	To create departments. These departments offer courses.
9.	Dairy	To note important events for future. This reminds day's events when logged in.
10.	Fee Types	To set fee types for various courses along with due dates and fines.
11.	Grading Subjects	To give grading to subjects to decide ranks in case if two or more students get same total marks.
12.	Holidays	To set Holidays during academic year.
13.	New Bank	To add Bank names so that they appear in Bank Drop Down in receipts/payments screens.
14.	Lecture Halls	To add Lecture Halls details along with number of benches (No of rows and columns). This data is used while generating Seating Arrangement during external examinations.
15.	News & Events	To add news or events for attention of all users. They scroll on top bar and catch attention of users when they login.
16.	Students Passwords	To reset password for any student.
17.	Seats	To enter convener and management quota seats under Direct and Later categories for courses
18.	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.
19.	Staff Logins	To track application login and logout timings of staff members.
20.	Staff Working Hours	To set working hours for staff.
21.	Student Bio-ID	To assign Numbers to students. These numbers will be assigned to students while enrolling fingerprints in fingerprint devices to capture attendance.
22.	Subjects	To add subjects for courses.
23.	User Levels	To create user levels and set page level access rights on individual modules for selected user level.
24.	Users	To assign User Level, Login ID and Password to staff members.
25.	Web Upload	To upload students' profiles, Attendance and Marks data to college website.
26.	Set Maximum Marks	To set batch wise maximum and pass marks for theory, lab and project for all courses.

M. Ayyankumar
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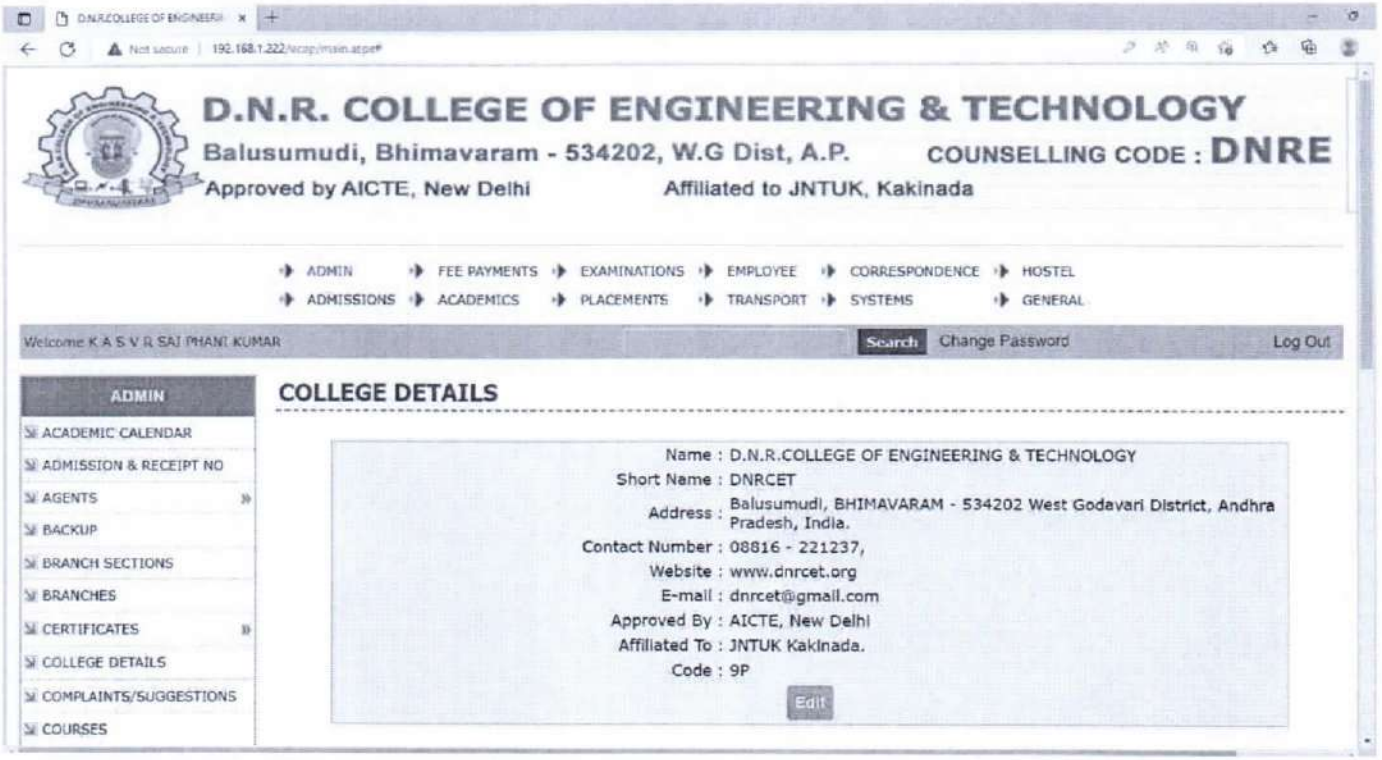

Fig-4. Administration Module

Admissions Module Features:

Sl.No	Link Name	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.	Castes	To add castes.
4.	Certificates	To add list of certificates to be collected from students during admission time.
5.	Checklist	To track what certificates have been submitted by a student at the time of admission.
6.	College Strength	To view total number of students basing on gender i.e male and female.
7.	Detained Students	To view or enter details of detained students and readmit them.
8.	Generate ID Cards	To generate barcoded ID cards to students after admissions.
9.	Generate Roll Numbers	To generate university roll numbers for students admitted during current academic year.
10.	Scholarship Students	To view details of students who are eligible for scholarships from state government.
11.	Sections	To divide students into sections if a branch has more than one section.
12.	Edit	To view and edit students data.
13.	Reports	To view course wise, Branch wise, seat type wise, category wise and gender wise admissions of selected batch of students. To compare current batch of students with previous three batches of students and analyse the admission trends.

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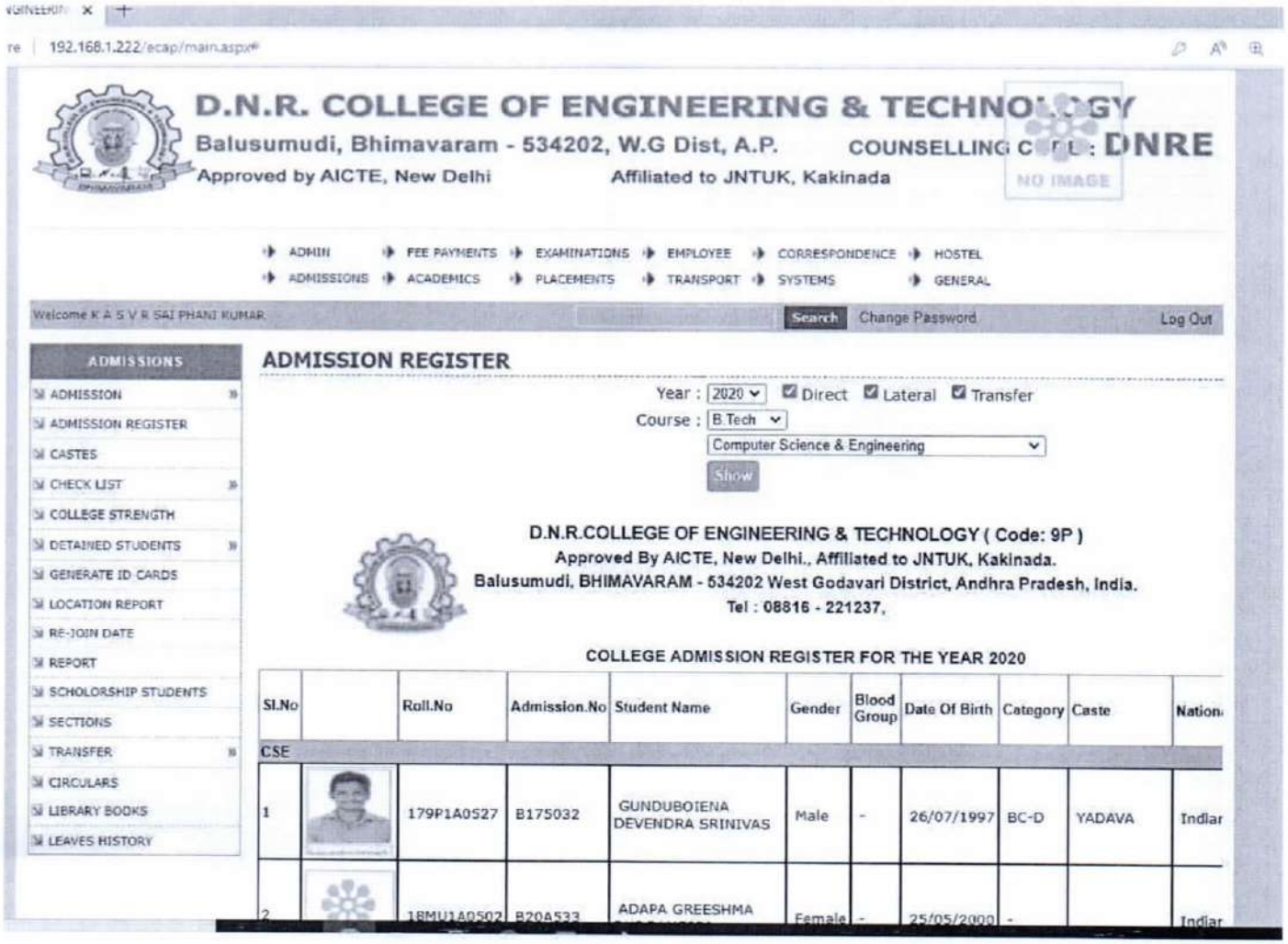

Fig-5. Admissions Module

Fee Payments Module Features:

Sl.No	Link Name	Description
1.	Certificates	To issue study and conduct certificates to students and track them.
2.	Counseling Payments	To enter details of payment made by the students at counseling centers.
3.	Dues List	Aggregate, Student wise- To view course wise tution fee and other fees dues and fee wise dues of all students.
4.	Fee Adjustments	To give concessions in tution fee to certain students and set different fee due dates.
5.	Fee Payments	To accept fee payment from students.
6.	Fee Reminders	To generate letters containing fee dues, addressed to parents.
7.	Govt Receipts	To view fee reimbursement dues from state government and enter details of payments from state government.
8.	Old Receipt	To view details of payment made by student against entered receipt number.
9.	Permitted Students	To view list of students who are given fee concessions and given extended time to pay fees.
10.	Previous Dues	To enter previous years fee dues
11.	Reports	To view fee committed, fee paid and fee dues details of selected student. Class wise fee paid and dues reports also can be seen.

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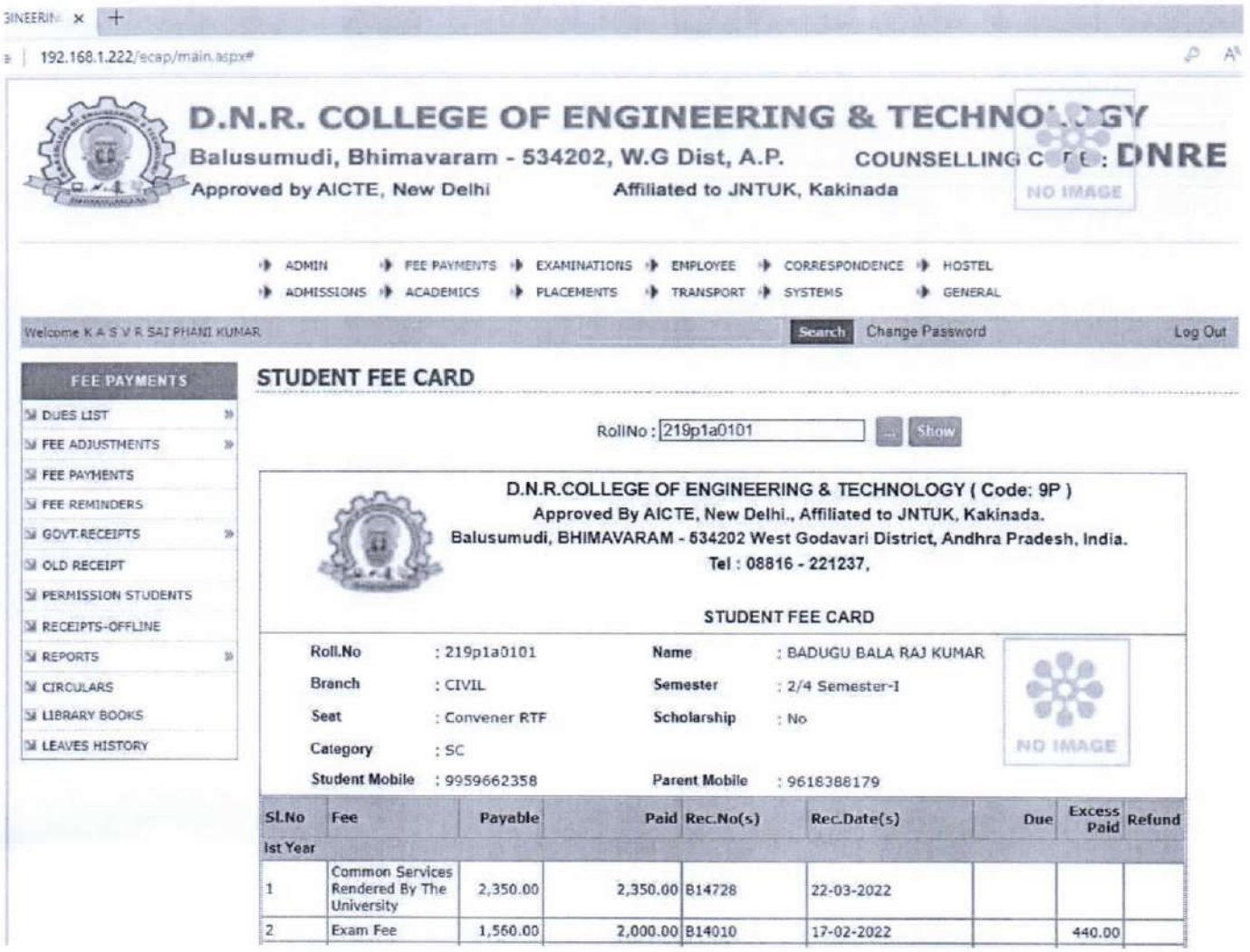

Fig-6. Fee Payments Module

Examinations Module Features:

Sl.No	Link Name	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.	D-Forms	To generate subject wise D-Forms during external examinations.
4.	Exam Fee Dues	To view list of students who are yet to pay examination fees
5.	Exam Application	To view and print exam application form for circulation among students.
6.	Question Paper	To download internal exams question papers set by faculty
7.	Exams	To set fees, due dates, exam schedules and generate seating arrangement for external examinations.
8.	Expenditure	To enter expenditure details incurred by examination section.
9.	Expenditure Report	To view expenditure incurred by examination section.
10.	External Marks	To enter external marks, analyze marks obtained and generate marks reports.
11.	Internal Marks	To enter attendance for internal exams, internal marks, analyze marks obtained and generate marke reports.
12.	Invigilation Charges	To enter invigilation charges payable to faculty. These charges are reflected in payslips.
13.	Lab (External)	To generate formats for taking attendance and entering marks for lab external examinations.
14.	Progress Reports	To generate progress reports containing both attendance and marks of selected exam. Progress reports contain

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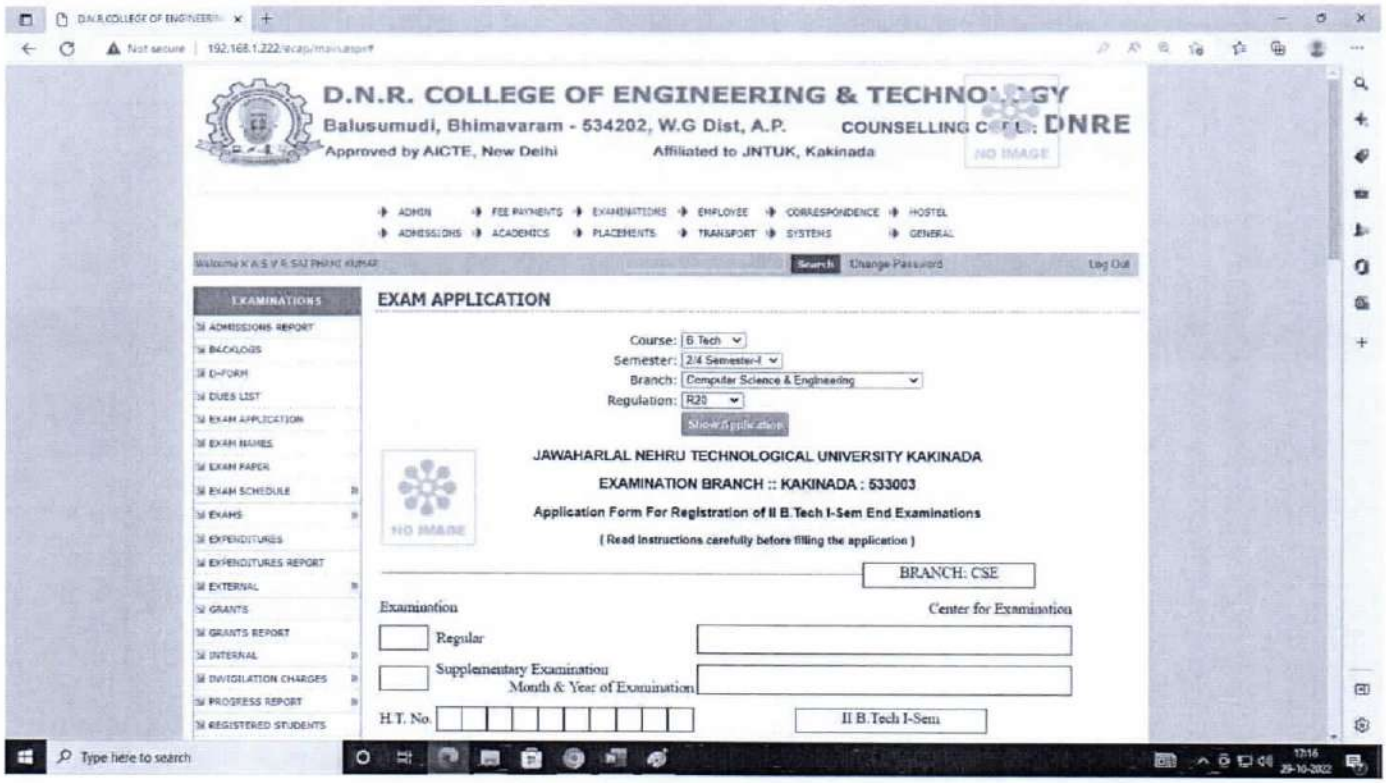

Fig- 7. Fee Payments Module

Placements Module Features:

Sl.No	Link Name	Description
1.	Companies	To add details of companies which conduct campus placements.
2.	Correspondence	To correspond with visiting companies through email or letters and track previous correspondence made with companies.
3.	Offers	To post details of placements offered by visiting companies to students.
4.	Screening	To generate shortlisted students basing on requirements of visiting companies.
5.	Alumni	To maintain details of students of previous batches along with their present employment and contact details.
6.	Student Performance	To view distinction students, first class and second class students with and without subject backlogs.
7.	Reports	To view batch wise placements offered by visiting companies.

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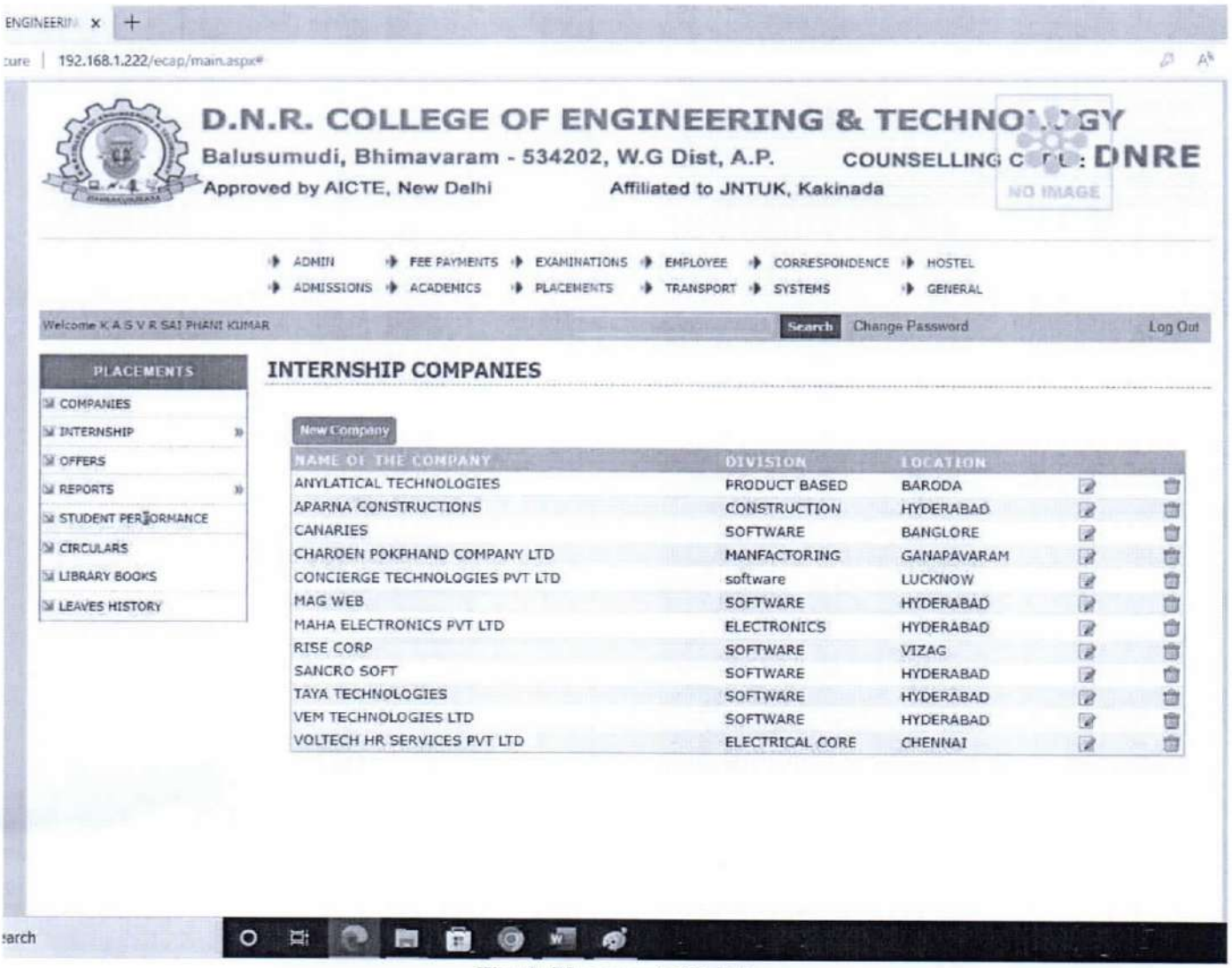

Fig- 8. Placements Module

Correspondence Module Features:

Sl.No	Link Name	Description
1.	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2.	Greetings	To generate birth day greetings for students.
3.	Groups & 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 semester and print them.
6.	Parents Correspondence	To correspond with parents of selected student(s) through email or letter.
7.	Log Report	To view Undelivered SMS log report on a selected day.
8.	SMS	To send attendance, marks, fee dues sms to parents and students. To send sms to staff, students and parents. To send promotional sms to parents of prospective students during admissions time.

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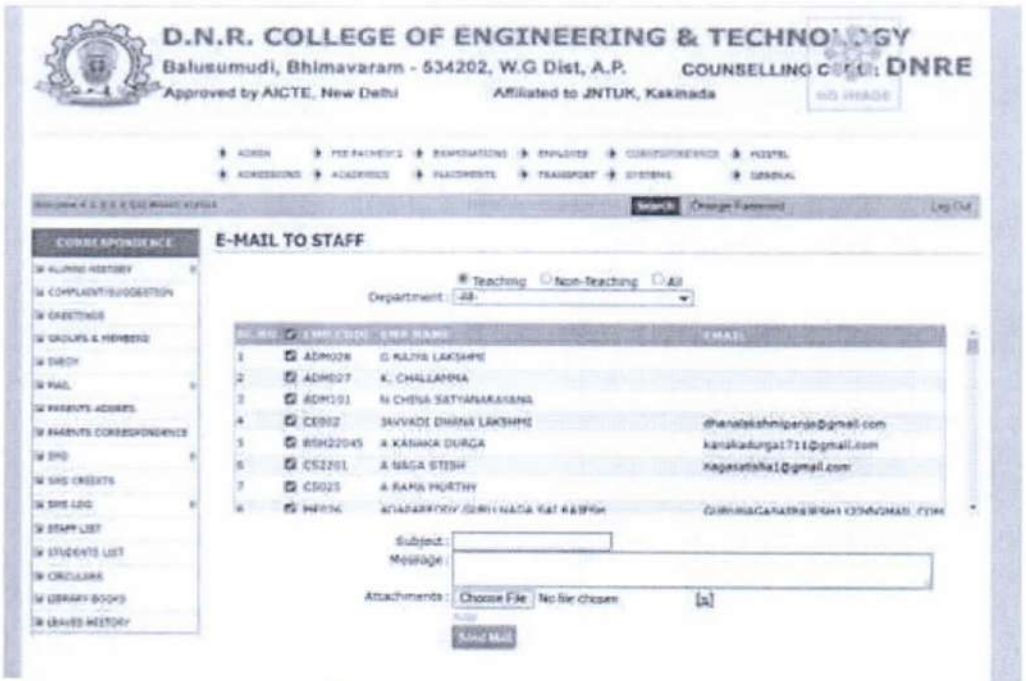

Fig- 9. Correspondence Module

Staff Module Features:

Sl.No	Link Name	Description
1.	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2.	Greetings	To generate birth day greetings for students.
3.	Groups & 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.	Fee Payments	To accept fee payment from students.
6.	Parents Addresses	To view addresses of parents of students of selected semester and print them.
7.	Parents Correspondence	To correspond with parents of selected student(s) through email or letter.
8.	Log Report	To view Undelivered SMS log report on a selected day.
9.	SMS	To send attendance, marks, fee dues sms to parents and students. To send sms to staff, students and parents. To send promotional sms to parents of prospective students during admissions time.

Library Module Features:

Sl.No	Link Name	Description
1.	Back Volumes	To enter details of national and international journals which are bound into volumes relating to certain period.
2.	Backup & Restore	To backup and restore of library data.
3.	Book Status	To view and change status of selected book from reference to Issue etc.
4.	Book Bank Students	To add and view students who availed book bank scheme.
5.	Books	To enter books data either through interfaces or importing from excel sheets.
6.	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.
7.	Budget & Expenditure	To view budget grants for library and enter expenditure details and view the report.
8.	Circulation	To issue, return and renewal books among students and staff.
9.	Cross Check	To view to whom a particular book was issued.
10.	Dept. Library	To transfer books from main library to departmental library and accept them back to main library.
11.	Dues	To view library dues payable by students.

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12.	Edit	To edit book details.
13.	OPAC	Online Public Access Catalogue for search by users.
14.	Equipment	To post details of any equipment like Xerox machine installed in library.
15.	Journals	To post details of periodical journals received in library.
16.	Authors, Titles & Publishers	To maintain authors, titles and publishers database.
17.	Projects	To enter details of academic projects submitted by students in library.
18.	Purchases	To purchase books for library
19.	Receipts	To receive books purchased for library
20.	Requisition	To request books to be purchased for library.
21.	Rules	To set rules i.e number of issue tickets for staff and students, lending period, renewal times and fine etc for library.
22.	Search	To search ACC No wise, author wise, title wise, publisher wise, department wise and course wise books in library.
23.	Stock Verification	To compare system stock of books with physical stock taken in excel sheet.
24.	Subjects	To enter subjects for library.
25.	Subscription	To subscribe for national and international journals for library.
26.	Suppliers	To enter details of suppliers for library.
27.	Reports	To view Accession register, Library Fines, Day transactions, Pending returns, Issues , Returns, renewals , purchases and un used books etc

Hostel Module Features:

Sl.No	Link Name	Description
1.	Application	To view details of students who applies for admission into hostel.
2.	New Room	To add rooms details.
3.	Registration	To register students by allocating room after getting hostel admission and necessary fee payment.
4.	De-Registration	To check the hostel dues payable by any hostel resident who proposes to leave the hostel.
5.	Room Adjustment	To transfer students from one room to another.
6.	Reports	To view details of students who admitted into hostel, hostel fee defaulters, academic performance of hostel residents

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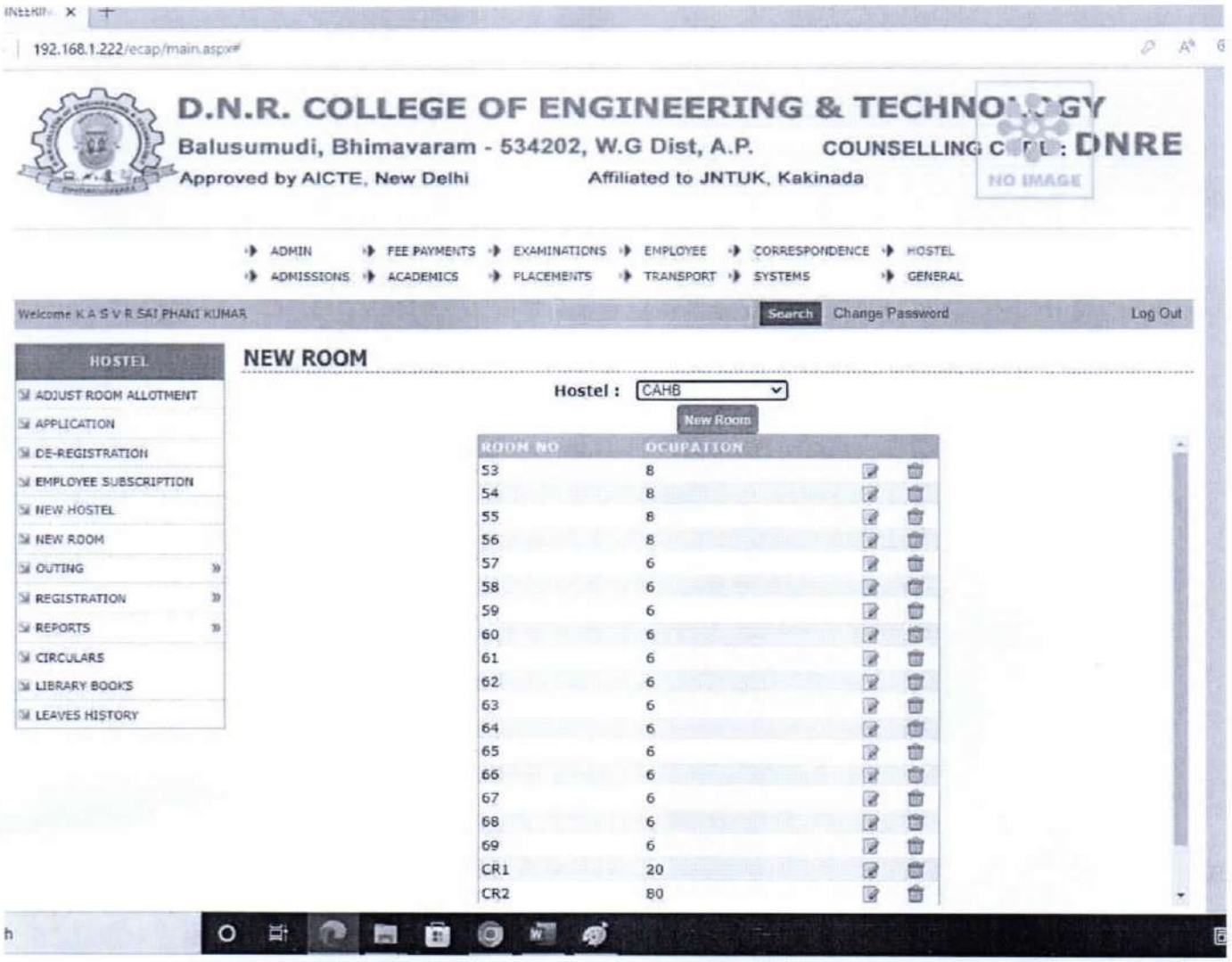

Fig- 12. Correspondence Module

Transport Module Features:

Sl.No	Link Name	Description
1.	De-Subscription	To check transport dues payable by any student who proposes not to use college bus.
2.	Defaulters	To view details of students who need to pay transport charges beyond due date.
3.	Due Date	To set due date for payment of transport fee.
4.	Expenditure Report	To view bus wise expenditure incurred under various expenditure heads.
5.	Expenditure Types	To create expenditure heads for which vehicles expenditure needs to be tracked.
6.	ExpHeads Mapping	To group various expenditure heads under one expenditure head created in accounts module.
7.	Fitness Certificate	To track fitness certificates obtained for various college buses.
8.	Log Book	To enter odo meter readings daily for each vehicle to track vehicle movements.
9.	New Policy	To enter insurance policy taken for college vehicles
10.	Routes & Halts	To add routes and add halts to routes along with amounts to be paid.
11.	Students Halts	To assign students to halts.
12.	Subscription	To register student for bus service.
13.	Vehicle Expenditure	To enter expenditure incurred for a vehicle.
14.	Vehicle Insurance	To track insurance premiums being paid for college buses.
15.	Vehicles	To add new vehicles.
16.	Premium Amount	To view insurance premium paid/pending details for selected vehicle
17.	Receipts	To receive transport fee from students.

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Students Module Features:

Sl.No	Link Name	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 if any of the logged in student.
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 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 fees paid by the logged in student.
10.	Fee Dues	Displays the details of fee dues payable by the logged in student.
11.	Resources	Student 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 student's semester wise marks with aggregate.
14.	Project Search	Student can search for academic projects titles and abstracts from library.
15.	Profile	Student can view Bio Data, Performance in current semester and previous semesters, fee payment details, backlogs details.
16.	Time Table	Student can view class time table.

M. Ayankumar.
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INVOICE

WEBPROS SOLUTIONS PVT. LTD.
Flat No. 303, K.M.Towers, Opp. Timpany School Main Gate, C.B.M.Compound, Visakhapatnam – 500 003.
Ph: 0891 - 3097980, Mob.: +91 96769 07555
Email:ravi@webprosindia.com
COMPANY'S TIN No.: 28254339675

Invoice No.183

Date: 8-7-14

P.O. No.

Date:

CONSIGNEE NAME & ADDRESS:-

DNR ENGINEERING COLLEGE
BHIMAVARAM

Dispatch Through:

Dispatch No:

Dispatch Date:

Destination:

Terms of Payment:

Sl.No.	DESCRIPTION OF GOODS	QTY	RATE ₹	AMOUNT ₹	
1	Engineering college automation package (ECAP) Installation and Training	60000		60000	00
+TOTAL AMOUNT	In words: Sixty thousands only			₹60,000	00

TERMS & CONDITIONS

1. Payment to be made in favour of Webpros Solutions Pvt. Ltd.
2. Interest @18% will be charged if the bill is not paid within the stipulated time.
3. Goods once sold will not be taken back.
4. All disputes subject to Visakhapatnam Jurisdiction only.

For WEBPROS SOLUTIONS (P) LTD

(Authorized Signatory)

M. Arjankumar

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Pay Rs. 15,000 + 7,250 (For SMS)
= 22,250/-

ENGINEERING COLLEGE AUTOMATION PACKAGE(ECAP)

ECAP URL : http://192.168.1.222/ecap/Default.aspx?ReturnUrl=%2fECAP

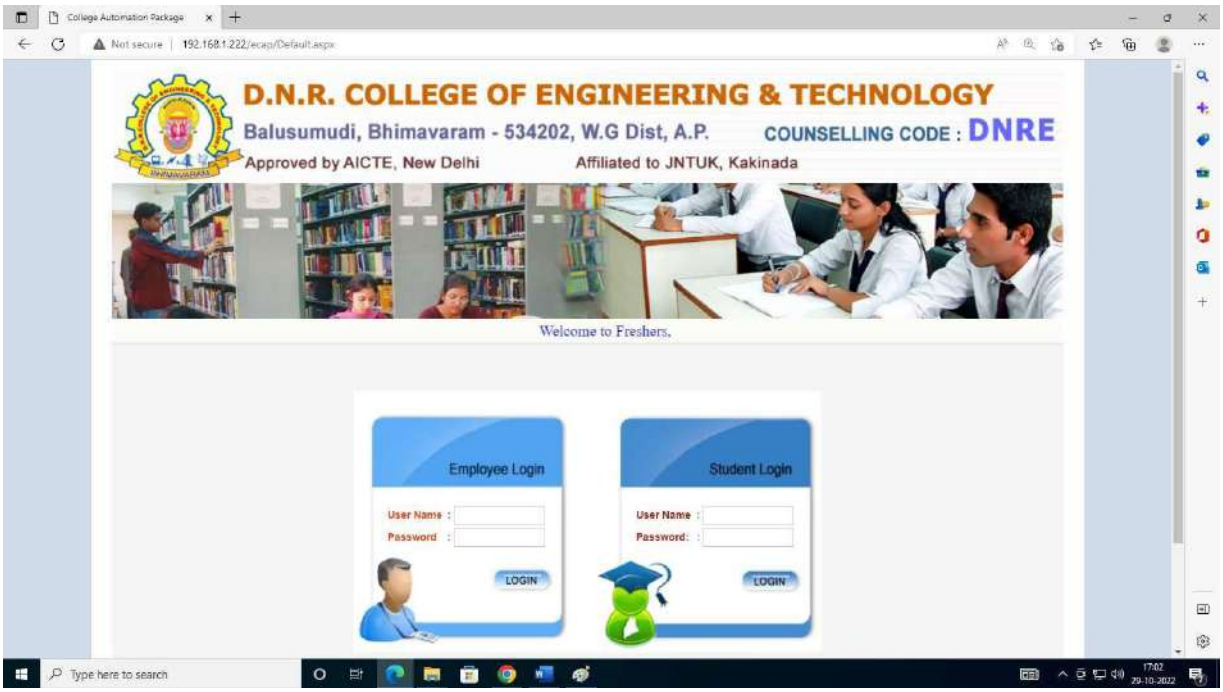

Fig-1. EACP Home Page

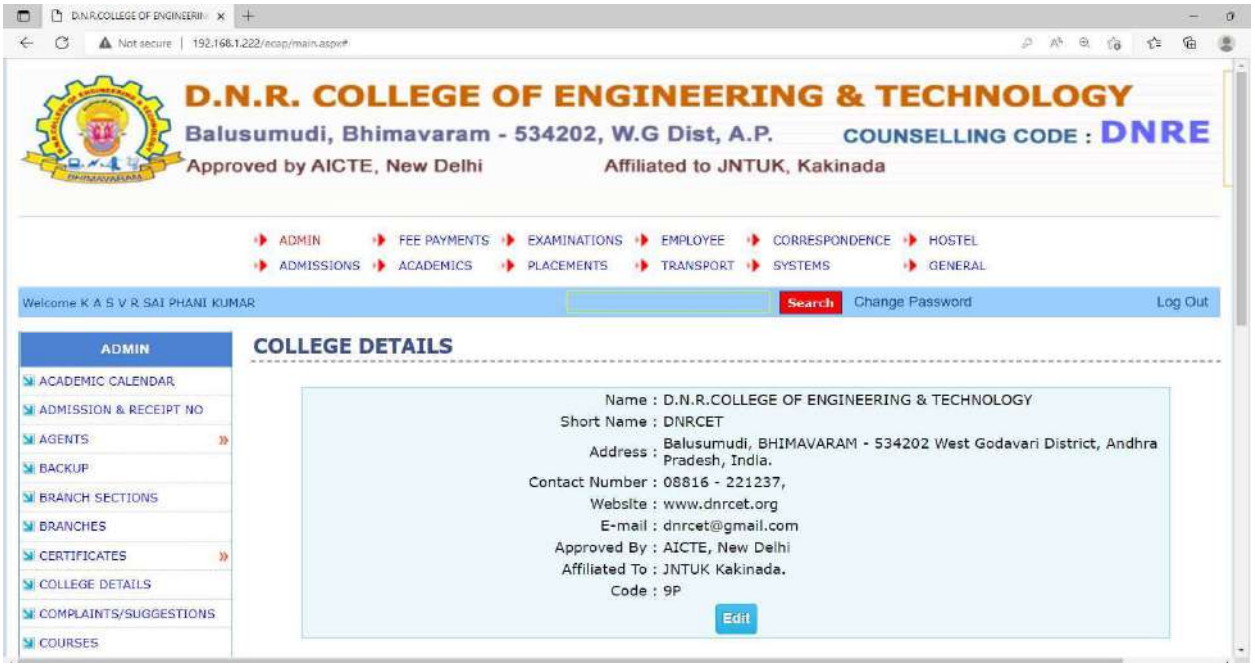

Fig-2. Administration Module

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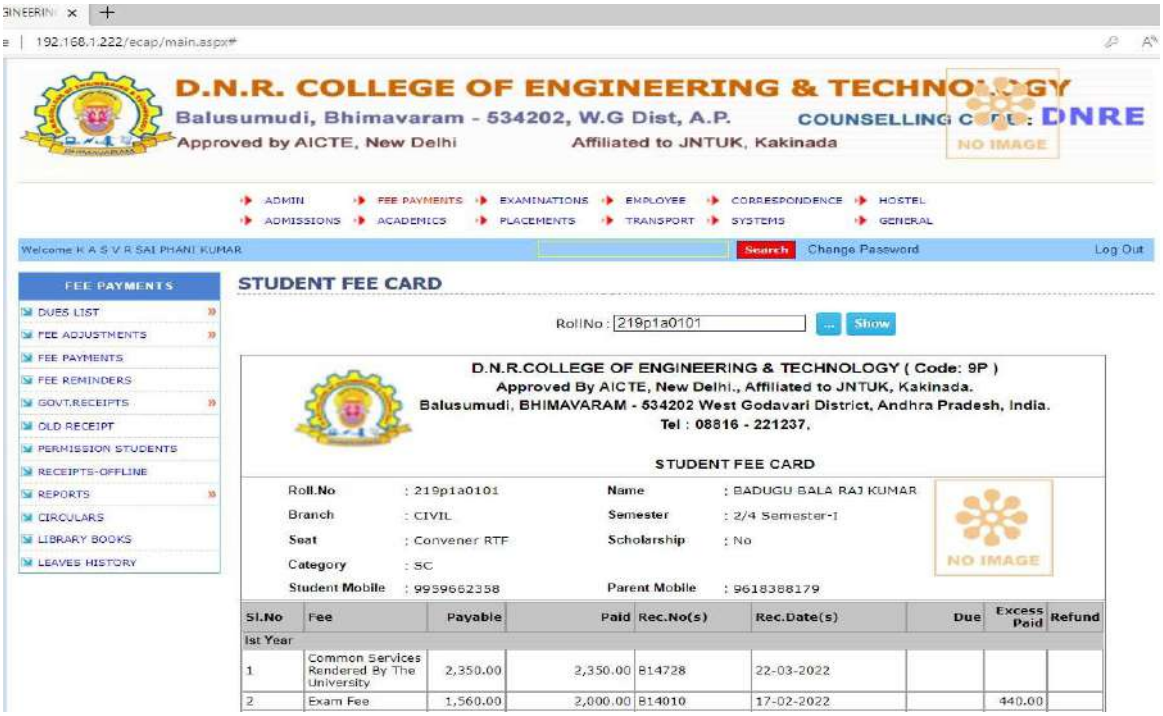

Fig-3. Fee Payments Module

Fig-4. Admissions Module

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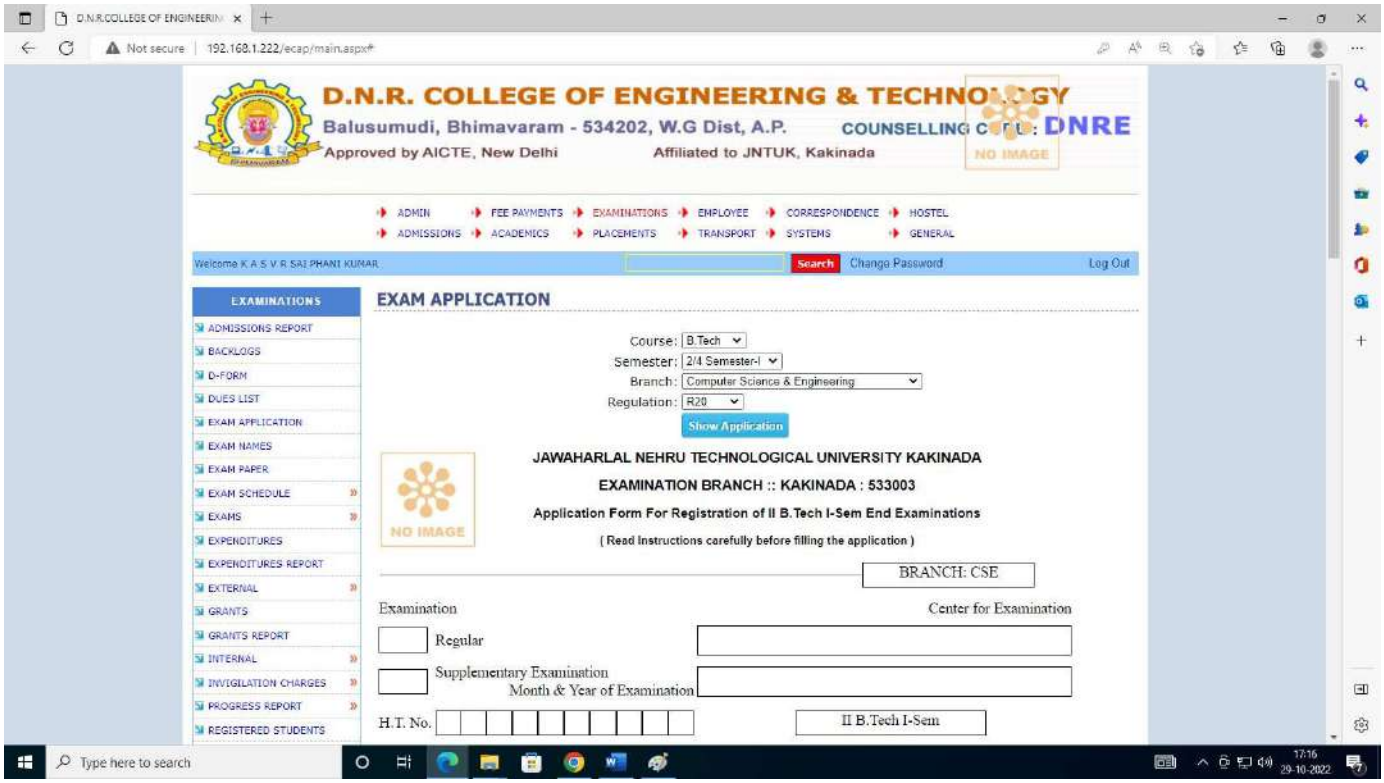

Fig-5. Examination Module

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D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

e-Governance Policy

To provide increased transparency, greater convenience of governance within the institution, it is decided to adopt and implement e-governance in activities of institution. With this aim, the authorities of DNR College of Engineering & Technology resolved to implement e-governance in all possible areas.

Objectives:

1. To achieve efficiency in functioning of various activities of the institution
2. To promote transparency and accountability in academic and administrative activities
3. To minimize paperless administration in the institution
4. To provide easy access to information
5. To facilitate internal & external communication through online
6. To make the institution visible globally

The institution has decided to take a great leap in the implementation of e-governance in areas like Planning and Development, Administration, Examination Management System, Finance and Accounts, Student admission and support. The key identified areas are as below,

- ✓ Institution Website
- ✓ Student Admission and Support
- ✓ Students Academics and Teaching Aids
- ✓ Assessment of Course Outcomes and Program Outcomes
- ✓ Library Management
- ✓ Administration
- ✓ Examinations & Results
- ✓ Finance & Accounts
- ✓ Purchase Management
- ✓ Alumni

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6.2.3 ERP DOCUMENT

1. ECAP- Engineering College Automation Package

INTRODUCTION TO ERP & ECAP

The **ERP** software stands for Enterprise Resource Planning software. It helps us to manage an entire institution, from admissions to assessments of the students and staff. All the details of the team are well organized for the smooth workflow of an institution. We can manage all the details of the students; about their contact information, grades, assessment, fees, course, and every major or minute details. Using this software we can manage database of staff, accounts, infrastructure details etc.

ECAP stands for Engineering College Automation Package. It is designed and developed by Webpros Solutions Pvt. Ltd., Visakhapatnam. ECAP aims at immediate availability of data in required formats to ease the work of staff and management and increase in transparency and accountability in administration. This software is exclusively used for our institution library.

BENEFITS OF ERP & ECAP SOFTWARES:

The **ERP software** system automates and streamlines all the processes functioning within the boundaries of the institution to significantly improve the effectiveness of allocating and operating academic resources better. It is a comprehensive system that automates the entire institute activities from admission, attendance, fee management, examination and beyond. The features covered in the ERP software helps to streamline every activity in an institute, giving the management the bird's eye view of all the activities happening in the institute, in real-time.

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Library of DNRCET is automated by Integrated Library Management System (ILMS). **ECAP** stands for Engineering College Automation Package. It is designed and developed by Webpros Solutions Pvt. Ltd., Visakhapatnam. ECAP aims at immediate availability of data in required formats to ease the work of staff and management and increase in transparency and accountability in administration. This software is exclusively used for our institution library

ECAP URL

ECAP : http://192.168.1.222/ecap/Default.aspx?ReturnUrl=%2fECAP

PACKAGE HIGHLIGHTS

- Internet or Intranet enabled application
- User levels with access rights for data security
- Course/Batch/Category/Student fee dues reports
- Fee/Attendance reminders and progress reports
- Attendance & Marks analysis
- Integration with attendance capturing devices
- Barcode integrated Library module
- Login for students/parents to access data online

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Implementation of ERP (ECAP) in Academic Process

The Institution maintains the data in ERP (ECAP) for effective resource planning. A service provider was identified for effective implementation and support activities.

The following Modules are available in ECAP Software.

Administration
Academics
Accounts
Admissions Fee
Payments
Examinations
Placements
Correspondence
Library
Staff
Hostel
Transport
Students

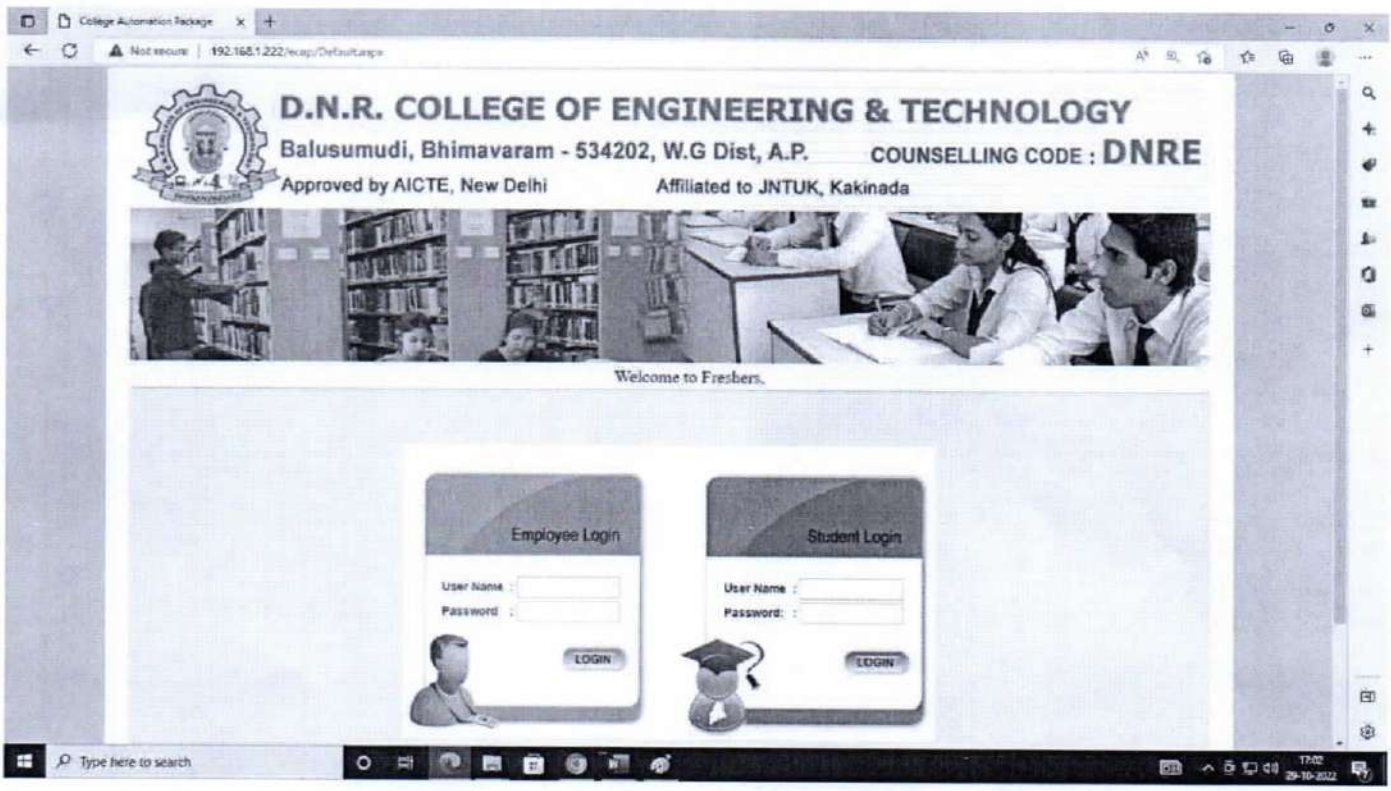

Fig-1. EACP Home Page

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Academics Module Features:

Sl.No	Link Name	Description
1.	Absentees Report	To view absentees day wise or continuously for selected number of days for all courses.
2.	Academic Register	To generate register containing day wise attendance and exam wise marks of all students for a selected subject.
3.	Attendance	To enter period wise or cumulative attendance or upload cumulative attendance for certain number of days from excel sheet.
4.	Attendance Reports	To view Class wise, Day wise, Monthly Attendance reports. Attendance register, student wise and subject wise attendance reports can also be viewed. Attendance shortage report also canbe seen.
5.	Batches	To divide students of selected semester into batches for attending labs simultaneously.
6.	Certificates	To issue Study, Conduct and TC certificates in standard formats to students and to track certificates issued to students.
7.	Circular	To issue circulars meant for students or staff or for both by principal or secretary of the institution.
8.	Current Time Table	To view which faculty shall be in which class room as per time table at any point of time.
9.	Disciplinary Action	To initiate disciplinary action against students and staff and track disciplinary actions taken.
10.	Extra Classes	To assign extra classes to faculty in addition to regular classes.
11.	Faculty	To view faculty performance i.e class taken, marks obtained etc, faculty work load, feedback given by students against a faculty, faculty leisure time, faculty work schedule and set special assignments to faculty,
12.	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).
13.	Feedback Questions	To add feedback questions which need to be answered by students while giving feedback against faculty.
14.	Internal Marks	To enter internal marks by faculty.
15.	Lab Batches	To enter number of batches into which students need to be divided to attend labs.
16.	MBA	To enter specializations for MBA course and select electives chosen by students.
17.	Projects	To assign projects and project guides to students of of B.Tech, MBA, MCA and M.Tech courses and track the progress of individual projects. Guides need to upload student wise project status in excel sheet at regular intervals.
18.	Promotions	TTo 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.
19.	Resources	To view what resources are available for students to download under various categories.
20.	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 Backlogs details of selected student.
21.	Teaching Assignments	To assign subjects to faculty.
22.	Teaching Plans	To upload teaching plan and every day topics covered by faculty.
23.	Time Table	To set theory and lab time tables for courses and print them.
24.	Student Messages	To post messages/assignments to selected student(s) by faculty.
25.	Upload Resource	To upload resources meant for students by faculty.

M. Ayankumar
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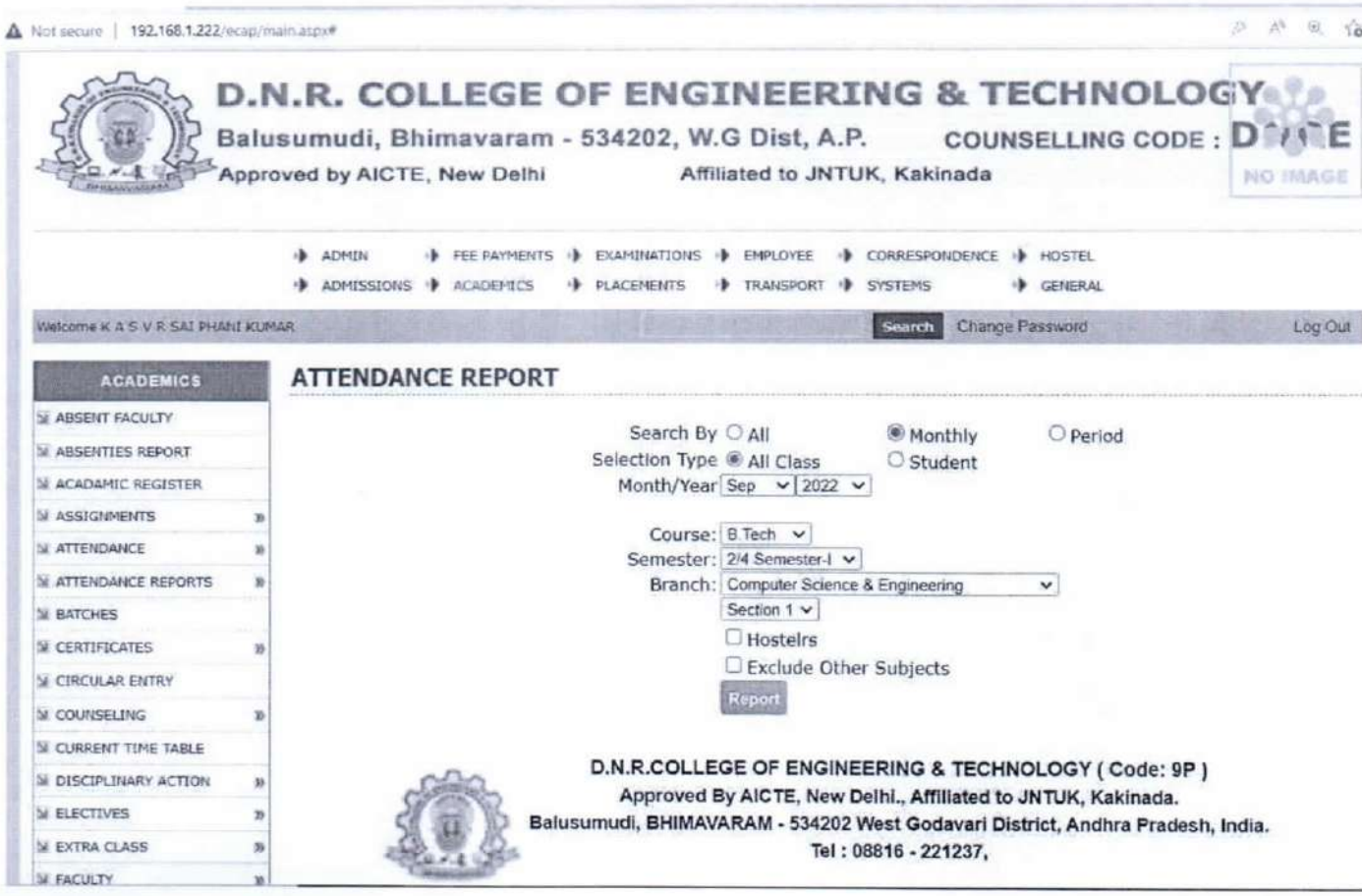

Fig-2. Academics Module

Accounts Module Features:

Sl.No	Link Name	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 etc.
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.

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Administration Module Features:

Sl.No	Link Name	Description
1.	Academic Calendar	To set Academic Calendar for all courses.
2.	Backup & Restore	To take database back up and restore manually
3.	Branches	To create branches for various courses.
4.	College Details	To enter college details. These details will be shown all reports.
5.	Complaints	To view complaints/suggestions posted by staff and students.
6.	Courses	To create Courses. B.Tech, MBA, MCA and M.Tech courses can be added.
7.	Credits	To set credits required to promote students from one semester to next semester for any course.
8.	Departments	To create departments. These departments offer courses.
9.	Dairy	To note important events for future. This reminds day's events when logged in.
10.	Fee Types	To set fee types for various courses along with due dates and fines.
11.	Grading Subjects	To give grading to subjects to decide ranks in case if two or more students get same total marks.
12.	Holidays	To set Holidays during academic year.
13.	New Bank	To add Bank names so that they appear in Bank Drop Down in receipts/payments screens.
14.	Lecture Halls	To add Lecture Halls details along with number of benches (No of rows and columns). This data is used while generating Seating Arrangement during external examinations.
15.	News & Events	To add news or events for attention of all users. They scroll on top bar and catch attention of users when they login.
16.	Students Passwords	To reset password for any student.
17.	Seats	To enter convener and management quota seats under Direct and Later categories for courses
18.	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.
19.	Staff Logins	To track application login and logout timings of staff members.
20.	Staff Working Hours	To set working hours for staff.
21.	Student Bio-ID	To assign Numbers to students. These numbers will be assigned to students while enrolling fingerprints in fingerprint devices to capture attendance.
22.	Subjects	To add subjects for courses.
23.	User Levels	To create user levels and set page level access rights on individual modules for selected user level.
24.	Users	To assign User Level, Login ID and Password to staff members.
25.	Web Upload	To upload students' profiles, Attendance and Marks data to college website.
26.	Set Maximum Marks	To set batch wise maximum and pass marks for theory, lab and project for all courses.

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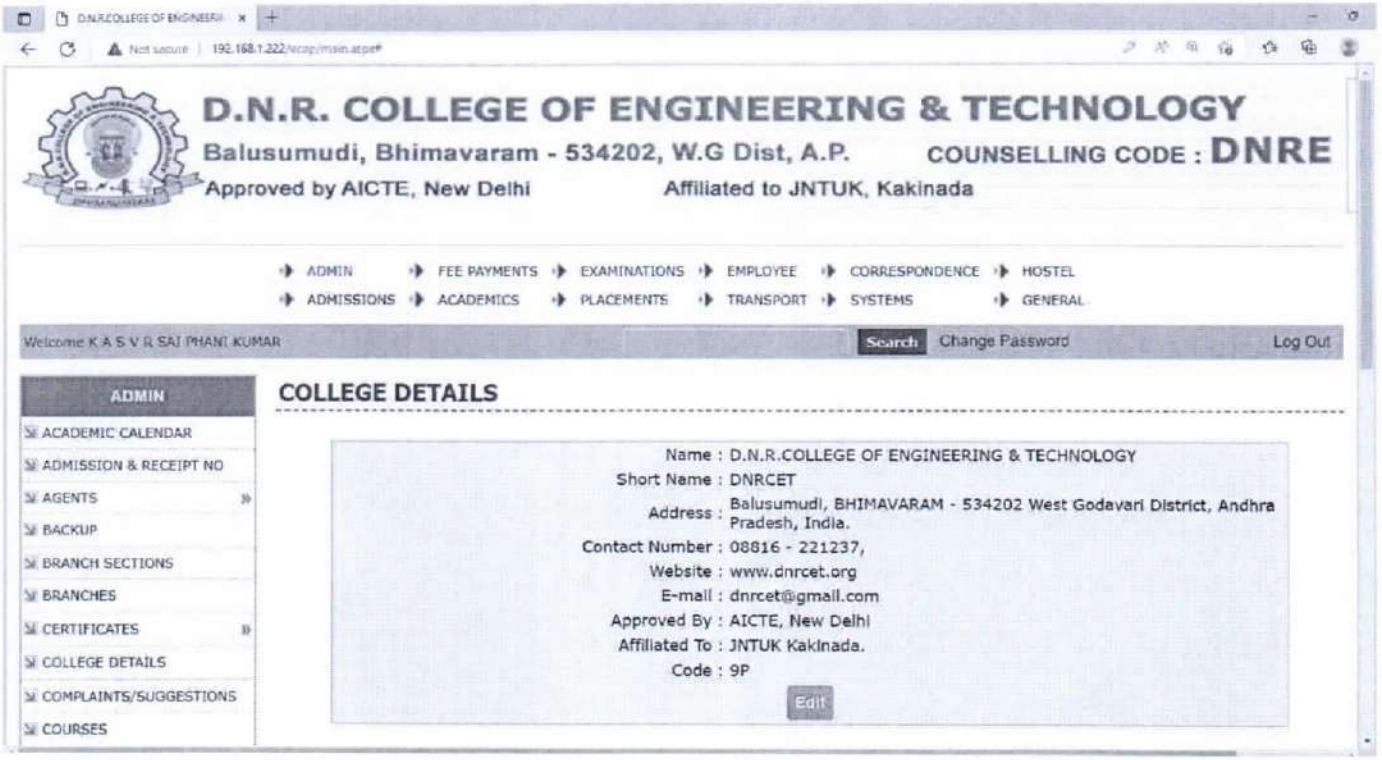

Fig-4. Administration Module

Admissions Module Features:

Sl.No	Link Name	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.	Castes	To add castes.
4.	Certificates	To add list of certificates to be collected from students during admission time.
5.	Checklist	To track what certificates have been submitted by a student at the time of admission.
6.	College Strength	To view total number of students basing on gender i.e male and female.
7.	Detained Students	To view or enter details of detained students and readmit them.
8.	Generate ID Cards	To generate barcoded ID cards to students after admissions.
9.	Generate Roll Numbers	To generate university roll numbers for students admitted during current academic year.
10.	Scholarship Students	To view details of students who are eligible for scholarships from state government.
11.	Sections	To divide students into sections if a branch has more than one section.
12.	Edit	To view and edit students data.
13.	Reports	To view course wise, Branch wise, seat type wise, category wise and gender wise admissions of selected batch of students. To compare current batch of students with previous three batches of students and analyse the admission trends.

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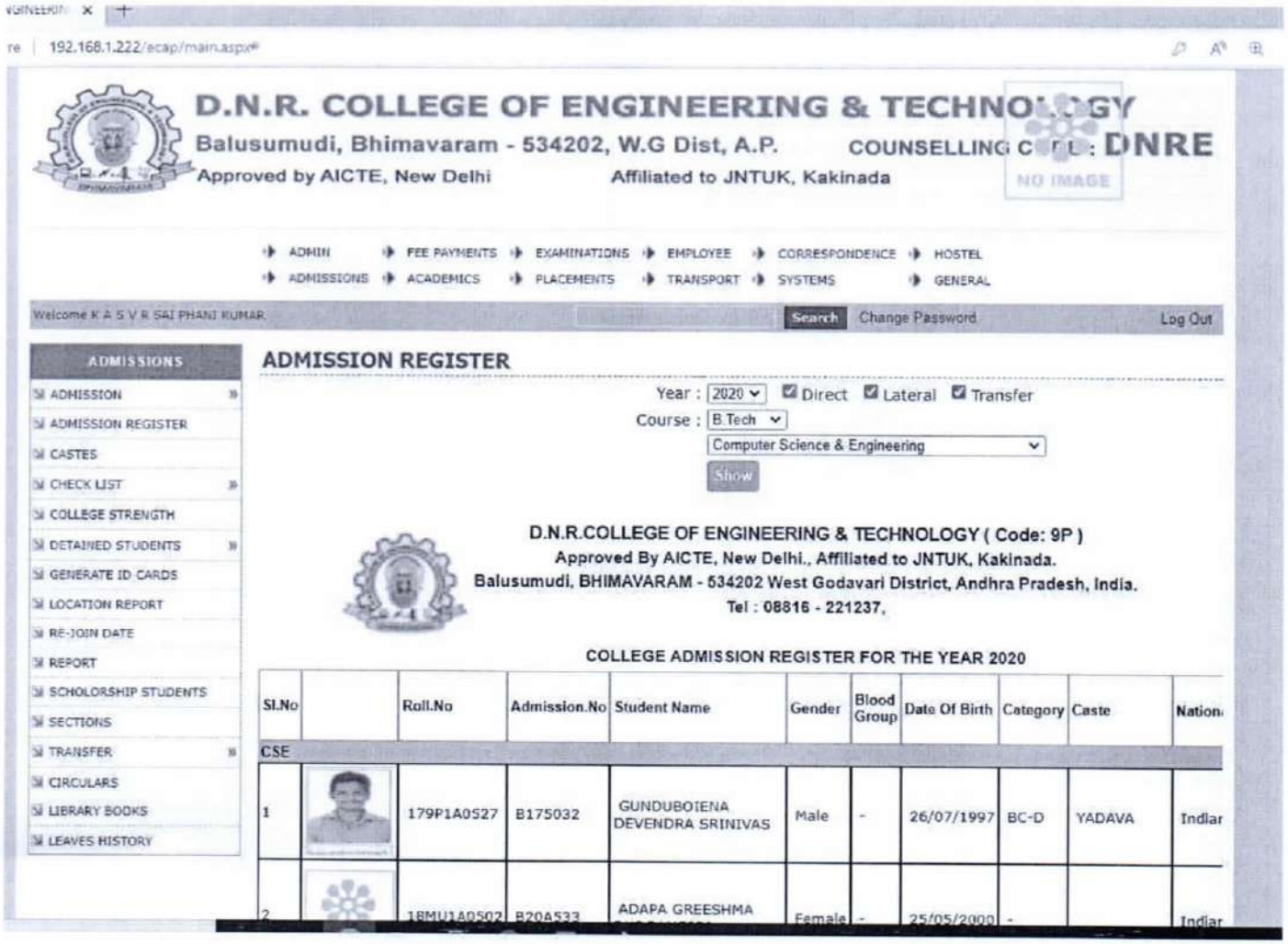

Fig-5. Admissions Module

Fee Payments Module Features:

Sl.No	Link Name	Description
1.	Certificates	To issue study and conduct certificates to students and track them.
2.	Counseling Payments	To enter details of payment made by the students at counseling centers.
3.	Dues List	Aggregate, Student wise- To view course wise tution fee and other fees dues and fee wise dues of all students.
4.	Fee Adjustments	To give concessions in tution fee to certain students and set different fee due dates.
5.	Fee Payments	To accept fee payment from students.
6.	Fee Reminders	To generate letters containing fee dues, addressed to parents.
7.	Govt Receipts	To view fee reimbursement dues from state government and enter details of payments from state government.
8.	Old Receipt	To view details of payment made by student against entered receipt number.
9.	Permitted Students	To view list of students who are given fee concessions and given extended time to pay fees.
10.	Previous Dues	To enter previous years fee dues
11.	Reports	To view fee committed, fee paid and fee dues details of selected student. Class wise fee paid and dues reports also can be seen.

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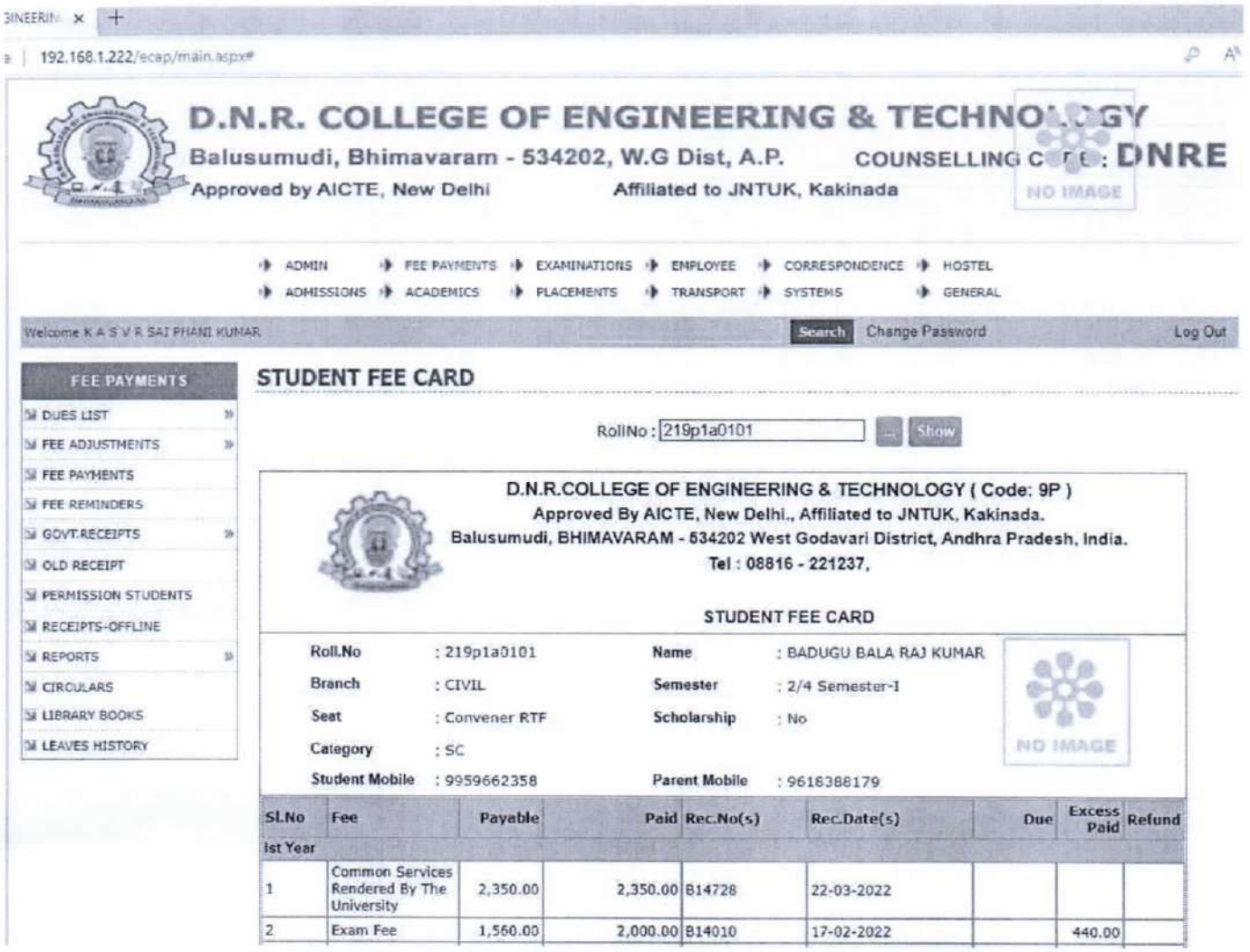

Fig-6. Fee Payments Module

Examinations Module Features:

Sl.No	Link Name	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.	D-Forms	To generate subject wise D-Forms during external examinations.
4.	Exam Fee Dues	To view list of students who are yet to pay examination fees
5.	Exam Application	To view and print exam application form for circulation among students.
6.	Question Paper	To download internal exams question papers set by faculty
7.	Exams	To set fees, due dates, exam schedules and generate seating arrangement for external examinations.
8.	Expenditure	To enter expenditure details incurred by examination section.
9.	Expenditure Report	To view expenditure incurred by examination section.
10.	External Marks	To enter external marks, analyze marks obtained and generate marks reports.
11.	Internal Marks	To enter attendance for internal exams, internal marks, analyze marks obtained and generate marke reports.
12.	Invigilation Charges	To enter invigilation charges payable to faculty. These charges are reflected in payslips.
13.	Lab (External)	To generate formats for taking attendance and entering marks for lab external examinations.
14.	Progress Reports	To generate progress reports containing both attendance and marks of selected exam. Progress reports contain

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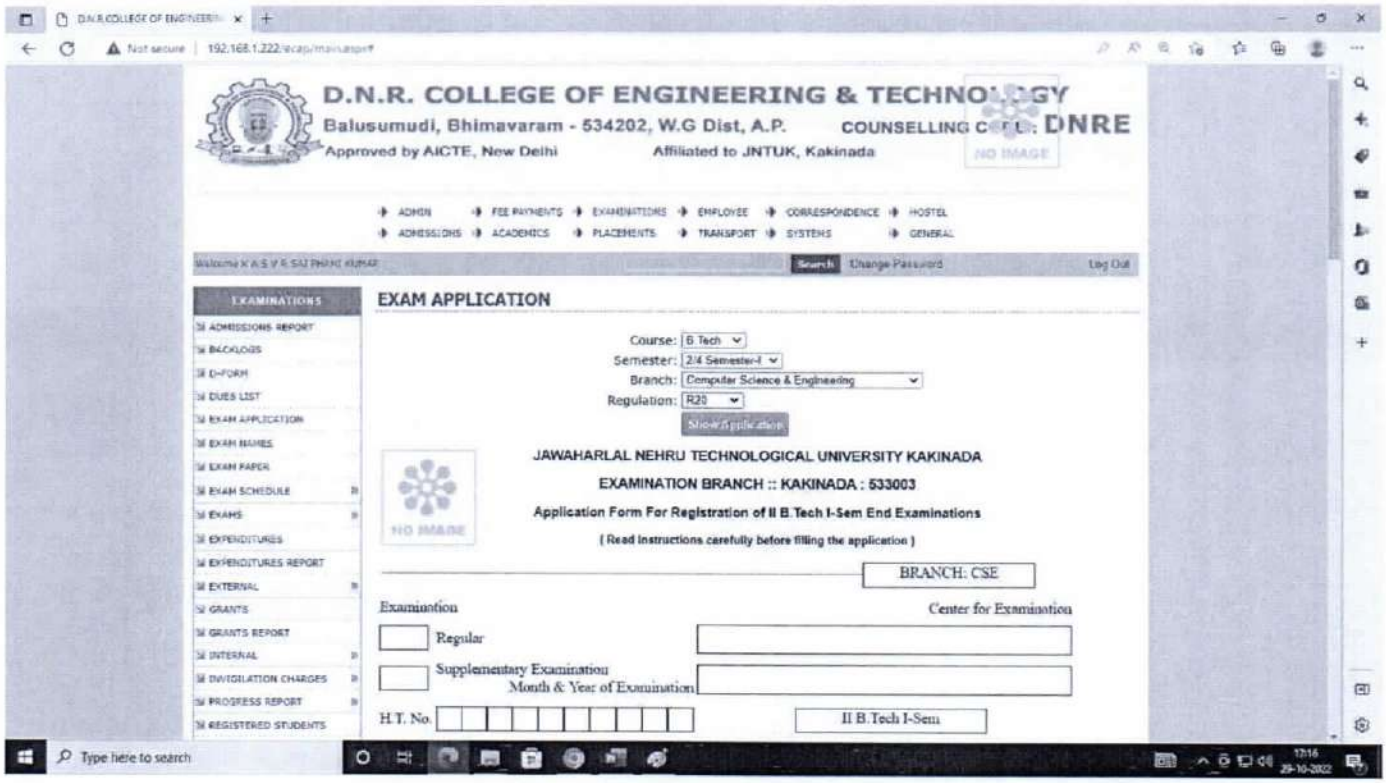

Fig- 7. Fee Payments Module

Placements Module Features:

Sl.No	Link Name	Description
1.	Companies	To add details of companies which conduct campus placements.
2.	Correspondence	To correspond with visiting companies through email or letters and track previous correspondence made with companies.
3.	Offers	To post details of placements offered by visiting companies to students.
4.	Screening	To generate shortlisted students basing on requirements of visiting companies.
5.	Alumni	To maintain details of students of previous batches along with their present employment and contact details.
6.	Student Performance	To view distinction students, first class and second class students with and without subject backlogs.
7.	Reports	To view batch wise placements offered by visiting companies.

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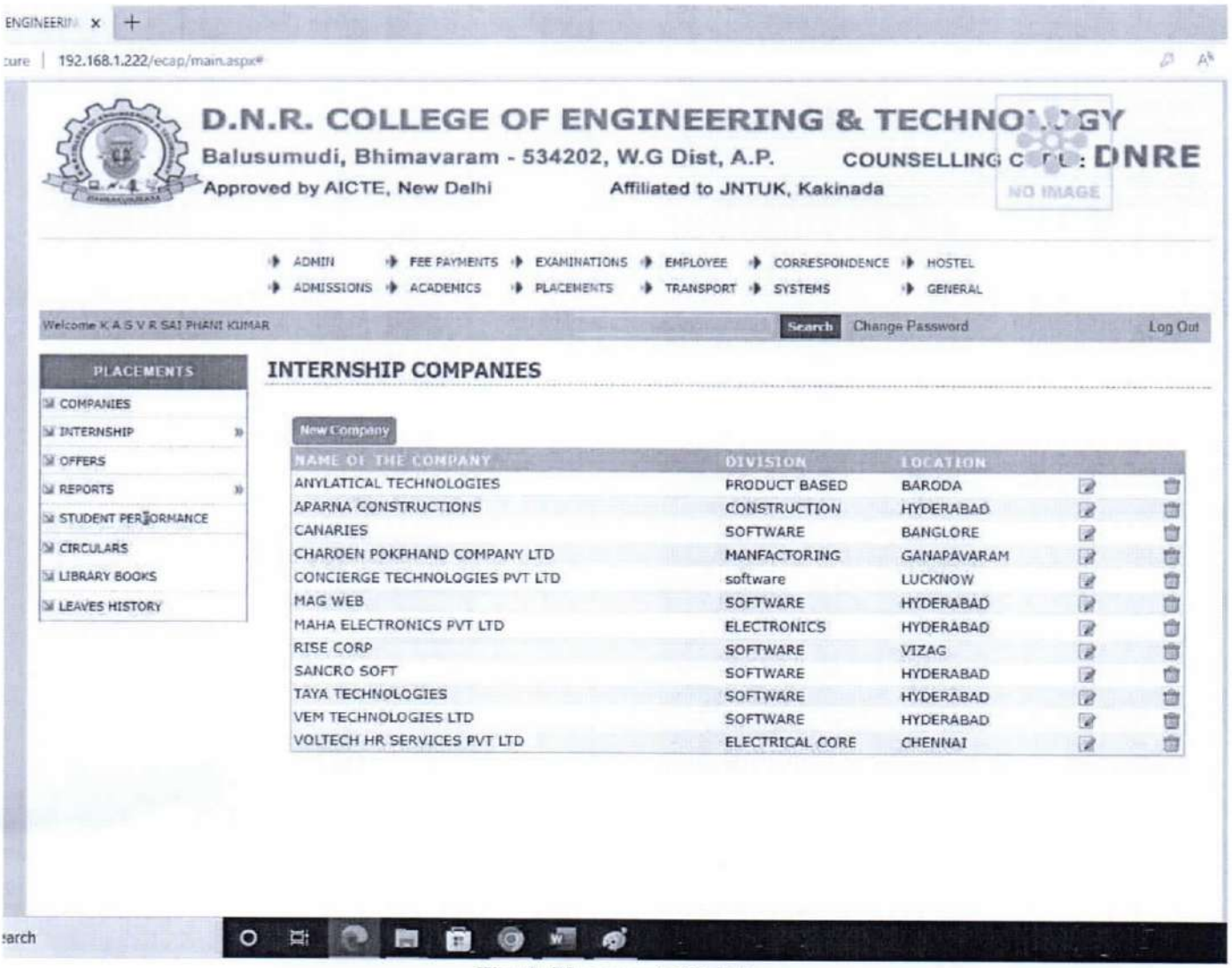

Fig- 8. Placements Module

Correspondence Module Features:

Sl.No	Link Name	Description
1.	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2.	Greetings	To generate birth day greetings for students.
3.	Groups & 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 semester and print them.
6.	Parents Correspondence	To correspond with parents of selected student(s) through email or letter.
7.	Log Report	To view Undelivered SMS log report on a selected day.
8.	SMS	To send attendance, marks, fee dues sms to parents and students. To send sms to staff, students and parents. To send promotional sms to parents of prospective students during admissions time.

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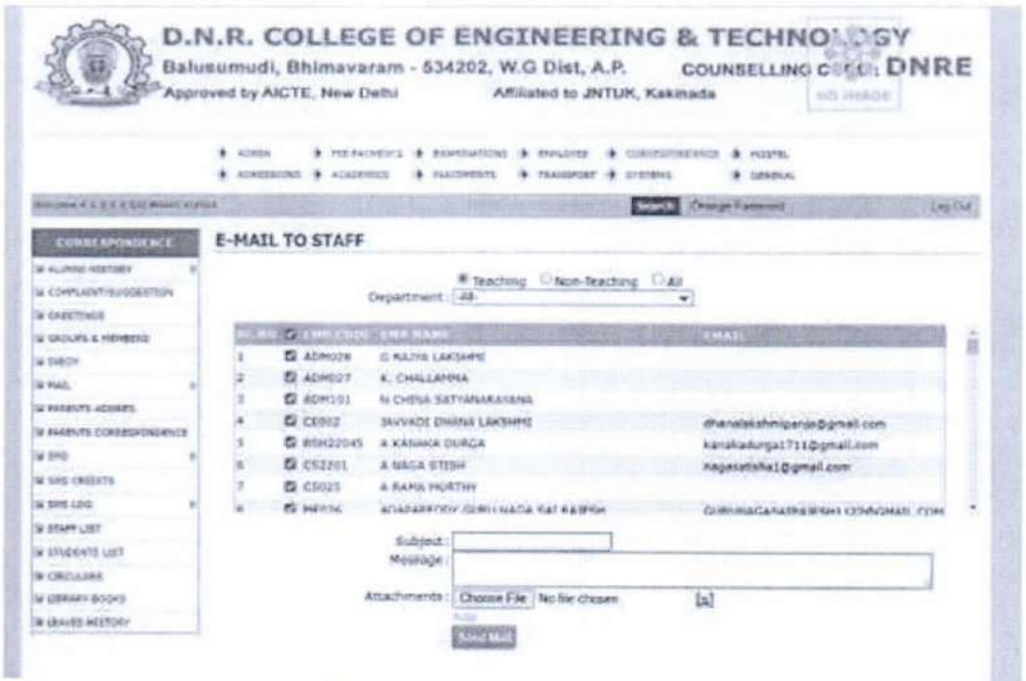

Fig- 9. Correspondence Module

Staff Module Features:

Sl.No	Link Name	Description
1.	Complaint/Suggestion	To post complaints or suggestions by users for attention by the administrator
2.	Greetings	To generate birth day greetings for students.
3.	Groups & 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.	Fee Payments	To accept fee payment from students.
6.	Parents Addresses	To view addresses of parents of students of selected semester and print them.
7.	Parents Correspondence	To correspond with parents of selected student(s) through email or letter.
8.	Log Report	To view Undelivered SMS log report on a selected day.
9.	SMS	To send attendance, marks, fee dues sms to parents and students. To send sms to staff, students and parents. To send promotional sms to parents of prospective students during admissions time.

Library Module Features:

Sl.No	Link Name	Description
1.	Back Volumes	To enter details of national and international journals which are bound into volumes relating to certain period.
2.	Backup & Restore	To backup and restore of library data.
3.	Book Status	To view and change status of selected book from reference to Issue etc.
4.	Book Bank Students	To add and view students who availed book bank scheme.
5.	Books	To enter books data either through interfaces or importing from excel sheets.
6.	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.
7.	Budget & Expenditure	To view budget grants for library and enter expenditure details and view the report.
8.	Circulation	To issue, return and renewal books among students and staff.
9.	Cross Check	To view to whom a particular book was issued.
10.	Dept. Library	To transfer books from main library to departmental library and accept them back to main library.
11.	Dues	To view library dues payable by students.

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12.	Edit	To edit book details.
13.	OPAC	Online Public Access Catalogue for search by users.
14.	Equipment	To post details of any equipment like Xerox machine installed in library.
15.	Journals	To post details of periodical journals received in library.
16.	Authors, Titles & Publishers	To maintain authors, titles and publishers database.
17.	Projects	To enter details of academic projects submitted by students in library.
18.	Purchases	To purchase books for library
19.	Receipts	To receive books purchased for library
20.	Requisition	To request books to be purchased for library.
21.	Rules	To set rules i.e number of issue tickets for staff and students, lending period, renewal times and fine etc for library.
22.	Search	To search ACC No wise, author wise, title wise, publisher wise, department wise and course wise books in library.
23.	Stock Verification	To compare system stock of books with physical stock taken in excel sheet.
24.	Subjects	To enter subjects for library.
25.	Subscription	To subscribe for national and international journals for library.
26.	Suppliers	To enter details of suppliers for library.
27.	Reports	To view Accession register, Library Fines, Day transactions, Pending returns, Issues , Returns, renewals , purchases and un used books etc

Hostel Module Features:

Sl.No	Link Name	Description
1.	Application	To view details of students who applies for admission into hostel.
2.	New Room	To add rooms details.
3.	Registration	To register students by allocating room after getting hostel admission and necessary fee payment.
4.	De-Registration	To check the hostel dues payable by any hostel resident who proposes to leave the hostel.
5.	Room Adjustment	To transfer students from one room to another.
6.	Reports	To view details of students who admitted into hostel, hostel fee defaulters, academic performance of hostel residents

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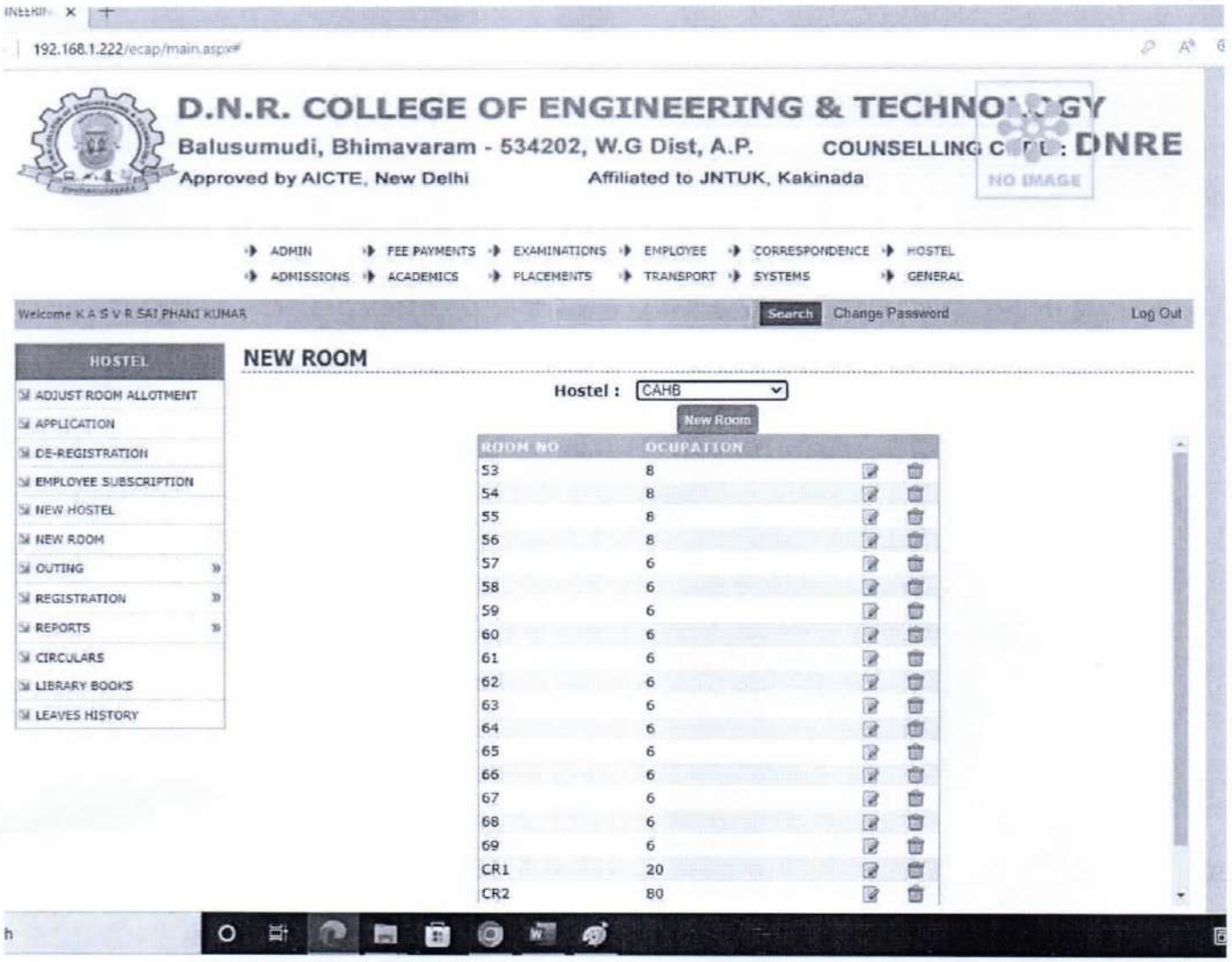

Fig- 12. Correspondence Module

Transport Module Features:

Sl.No	Link Name	Description
1.	De-Subscription	To check transport dues payable by any student who proposes not to use college bus.
2.	Defaulters	To view details of students who need to pay transport charges beyond due date.
3.	Due Date	To set due date for payment of transport fee.
4.	Expenditure Report	To view bus wise expenditure incurred under various expenditure heads.
5.	Expenditure Types	To create expenditure heads for which vehicles expenditure needs to be tracked.
6.	ExpHeads Mapping	To group various expenditure heads under one expenditure head created in accounts module.
7.	Fitness Certificate	To track fitness certificates obtained for various college buses.
8.	Log Book	To enter odo meter readings daily for each vehicle to track vehicle movements.
9.	New Policy	To enter insurance policy taken for college vehicles
10.	Routes & Halts	To add routes and add halts to routes along with amounts to be paid.
11.	Students Halts	To assign students to halts.
12.	Subscription	To register student for bus service.
13.	Vehicle Expenditure	To enter expenditure incurred for a vehicle.
14.	Vehicle Insurance	To track insurance premiums being paid for college buses.
15.	Vehicles	To add new vehicles.
16.	Premium Amount	To view insurance premium paid/pending details for selected vehicle
17.	Receipts	To receive transport fee from students.

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Students Module Features:

Sl.No	Link Name	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 if any of the logged in student.
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 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 fees paid by the logged in student.
10.	Fee Dues	Displays the details of fee dues payable by the logged in student.
11.	Resources	Student 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 student's semester wise marks with aggregate.
14.	Project Search	Student can search for academic projects titles and abstracts from library.
15.	Profile	Student can view Bio Data, Performance in current semester and previous semesters, fee payment details, backlogs details.
16.	Time Table	Student can view class time table.

M. Ayankumar.
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