ERP POLICY

Avanthi Institute of Pharmaceutical Sciences believes that the enforcement of the simple and automated approaches in the governance of the academic system. Various functions such as offering planning, development, administration, management of examinations play a vital role in the academic system and have been considered as separate modules. These functions involve a lot of data that is to be stored, handled, in a bold manner. One more aspect of this data is, it keeps on growing as the days add on one by one. So day by day organization of this data is required in a well defined manner. For this purpose, each module has been assigned with a tool and many of these tools are designed and implemented in-house to facilitate ease of organizing data and storing in a well defined manner. This makes retrieval of the data whenever required much simpler. Most of the functional bodies in the institution use the ERP system for providing e-governance. Transparency of everything done in the college is exhibited through ERN system.

The Enterprise resource planning (ERP) of Avanthi Institute of Pharmaceutical Sciences consists of a portal: www.avanthipharma.ac.in that functions the smooth functioning of the academic activities of the college.

❖ Administration

Enterprise Resource planning (ERP) of Avanthi Institute of Pharmaceutical sciencesfor administration involves the SOUL 3.0 software for Library, Biometric finger print attendance system for acquisition of staff attendance, Jnanabhoomi Facial Recognition system for acquiring the attendance of faculty as well as students, Grievance Reporting portal for students to address their issue online, Surveillance system to provide safety and security in and around the campus.

- **Biometric Finger print attendance System:**

Avanthi Institute of Pharmaceutical Sciences believes that biometric finger print attendance system as most reliable as it acquires data with high accuracy, eliminates time theft, prevents buddy punching,Boosts employee morale, increases accountability, simplifies payroll.

➢ **JB-FRS (Jnanabhumi attendance system):**

Avanthi Institute of Pharmaceutical Sciences on the suggestion from government of Andhra Pradesh implement the use of Facial Recognition System app Jnanabhumi for recording the attendance of faculty through smart phone. Faculty can easily record the attendance of the students with their authentication. This is a free application developed by RNIT in coordination with

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the government of Andhra Pradesh.

- **SOUL 3.0 Software:**

SOUL 3.0 developed by INFLIBNET is a UNICODE - based multilingual support for Indian and foreign languages. It supports cataloging of electronic resources such as e-journals, e-books, virtually any type of materials. It provides default templates for data entry of different type of documents. This software can be bought by paying one time.

- **Grievance Reporting Portal:**

Avanthi Institute of Pharmaceutical Sciences hold a portal linked to its web page facilitating the students to report their issues.

- **Surveillance:**

Avanthi Institute of Pharmaceutical sciences uses network of cameras places all over the campus to provide security and surveillance of the activities. The system is password protected and only be accessed with the credentials of the principal.

- **Finance and Accounts**

Enterprise Resource Planning (ERP) of Avanthi Institute of Pharmaceutical Sciences for Finance and Accounts includes the usage of software - FOCUS which is found to be very effective in managing financial affairs of the institution .At the same time maintaining the storage of data and retrieving it whenever needed.

- **FOCUS:**

Avanthi Institute of Pharmaceutical sciences uses Focus tool which is protected through User authentications. This tool is mainly used for accounting purpose and maintaining a record of the flow of finance in the institution.

- **Student Admission and Support**

Enterprise Resource Planning (ERP) of Avanthi Institute of Pharmaceutical Sciences for student admission and support includes the use of Online fee payment portal for students, Admission Enquiry forms available online and feedback forms to support the students in their academics and activities needed.

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- **Online fee payment portal:**

Avanthi Institute of Pharmaceutical Sciences holds a payment portal in its webpage facilitating the Students to pay fee online without delay and avoiding queues.

- **Online Admission forms:**

Avanthi Institute of Pharmaceutical Sciences through its website facilitates Admission forms for the enquiry of the available seats in the college.

- **Feed back:**

Avanthi Institute of Pharmaceutical Sciences through its website provides three types of feedback forms for faculty, parents and student in its website where faculty, student and parents can suggest the administration about the curriculum and assist in moulding the academics.

- **Examinations :**

Enterprise Resources Planning (ERP) of Avanthi institute of Pharmaceutical sciences for Examinations includes the use of JNTU-GV portal where administration can keep a track of the results in every semester with having different types of analysis department wise and overall and for individual student .

2.ADMINISTRATION

Avanthi Institute of Pharmaceutical Sciences, Tagarapuvalasa uses Enterprise Resource Planning (ERP) tools for attendance, Library, Grievance reporting and Surveillance. Biometric Fingerprint attendance system, SOUL 3.0 Library management system, web-page enabled grievance reporting and Surveillance system. These tools helps in gathering vital information related to employees and students and maintain the records stored in the form of digital data and reduce the use of paper. Issue and return of library books is automated. Record of all new books is maintained in the system and each book is assigned with an unique number for easy identification. Grievance and redressal cell can be reported with issues easily through the web-page. Surveillance system in the college helps for better security and monitoring.

2.1. ERP in Recording Attendance

Avanthi Institute of Pharmaceutical Sciences will always be the first in the usage of modern technology to minimize the human effort and make jobs much easier than before. In its campus there is a **Biometric Finger print attendance system** installed to monitor the attendance of the

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staff which in turn can be use for monthly salary calculations. On an addition, as per the instructions issued from APSCHE, institution has implemented the use of Jnanabhumi Facial Recognition System for recording the attendance in the college. **JB-FRS** application in furnished by the Government of Andhra Pradesh for free and facilitates the recording of the attendance for faculty and students with the authentication any of the faculty in both the cases.

2.1.1.Attendance acquisition through Biometric

Avanthi Institute of Pharmaceutical Sciences looks towards Biometric finger print attendance systems as a reliable way of collecting the attendance without any proxy or flaws. This system provides us with a recorded data along with time stamp which makes the work simple and reliable.

2.1.1.1 Biometric Acquisition machine

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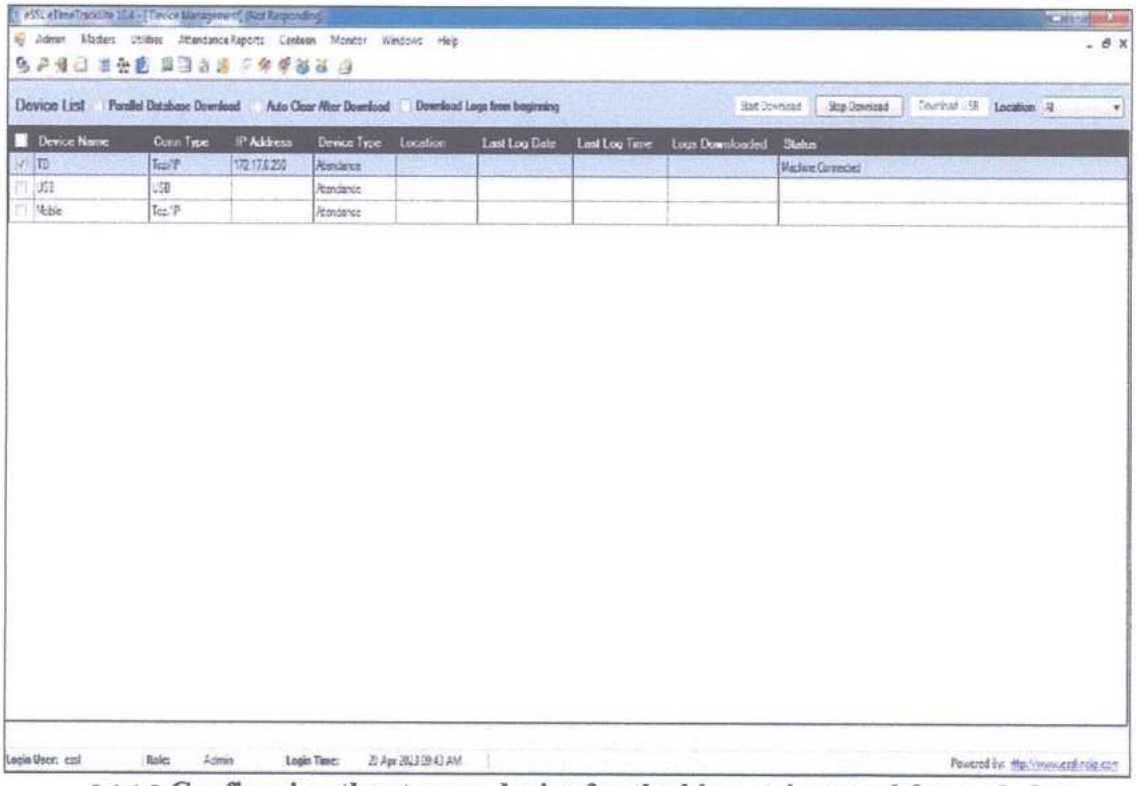
2.1.1.2 Faculty accessing the Biometric Acquisition Machine to record daily attendance



2.1.1.3 Configuring the storage device for the biometric stored for each day

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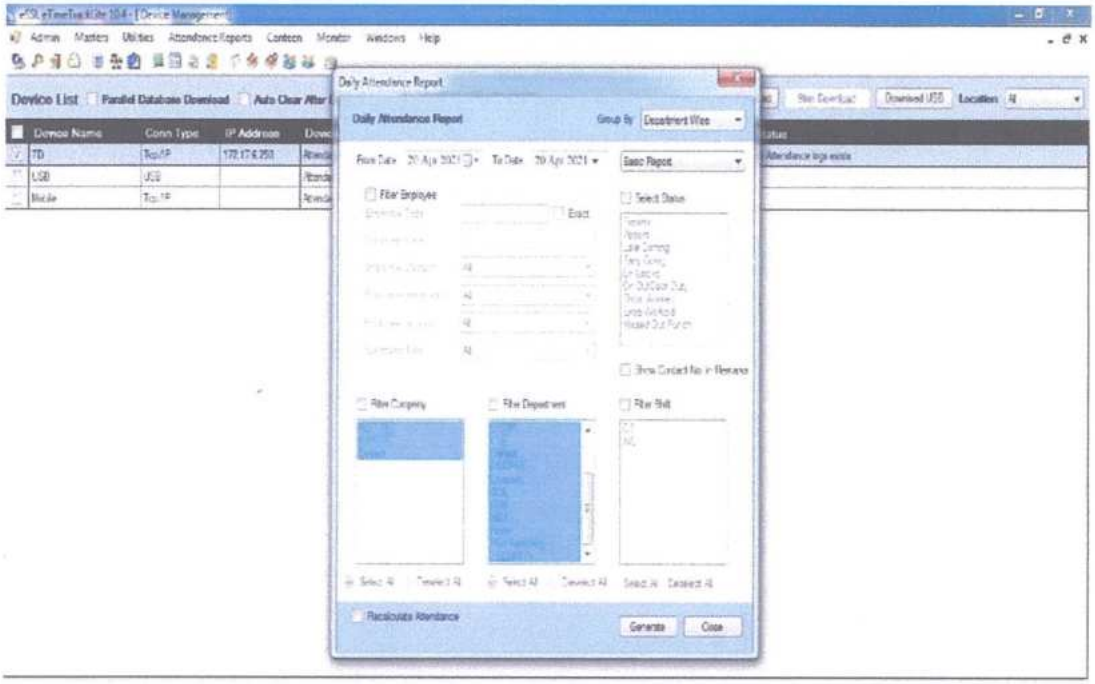
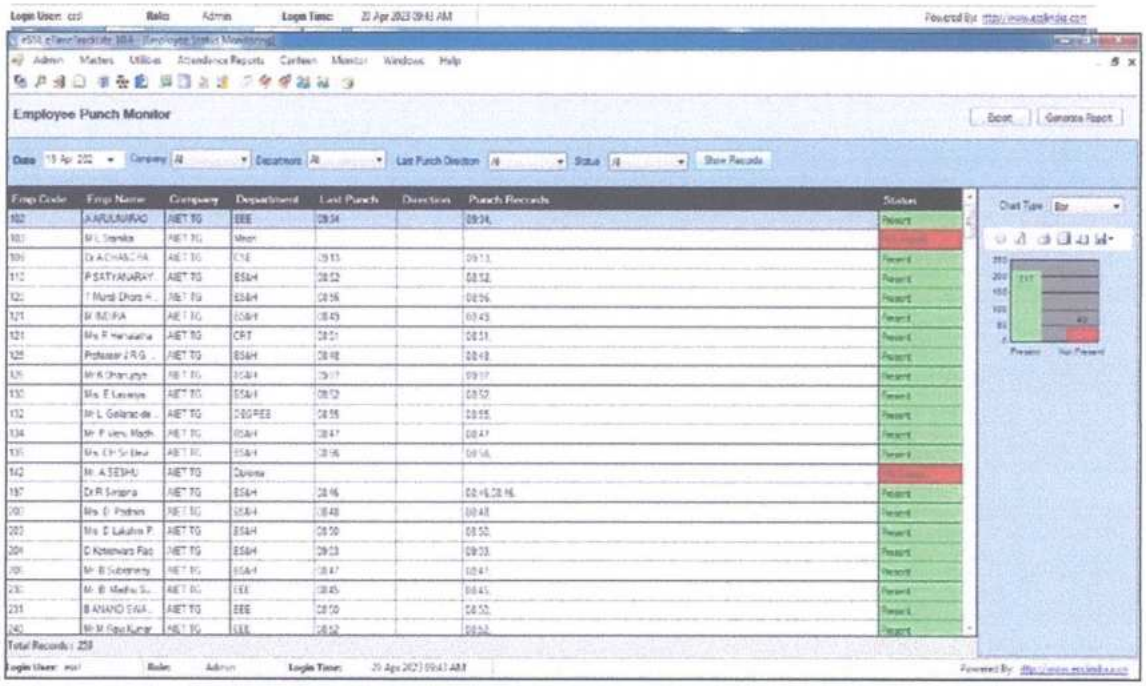
2.1.1.4 configuring inputs in the software to extract daily attendance report





2.1.1.5 Displaying the staff attendance report on a particular date

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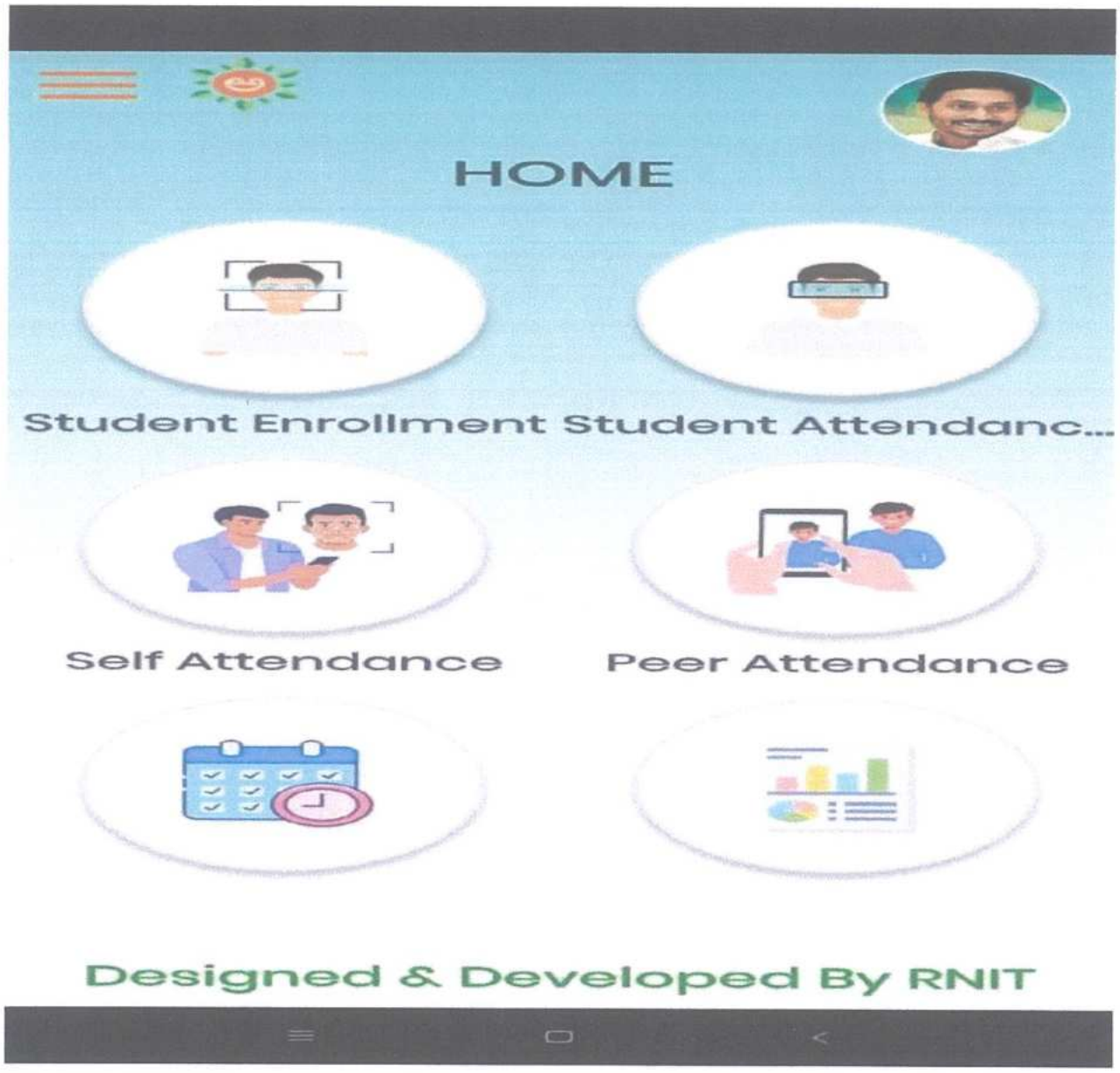
2.1.2 Jnanabhumi Attendance system

As per the instructions from APSCHE, Avanthi Institute of Pharmaceutical Sciences hasimplemented the use of Jnanabhumi Facial Recognition System for recording the attendance in the college. This includes the recording of faculty attendance as well as student attendance on regular basis.



2.1.2.1 showing facial recognition system facial app

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2.2 ERP in Library

Avanthi Institute of Pharmaceutical Sciences always looks forward to the use of advanced tools to facilitate the simplification of Job and for the data management which builds up in large multiples every academic year. One of these tools is SOUL 3.0 (Software for University libraries) a state-of-the-art integrated library management software designed and developed by the INFLIBNET Centre. SOUL software as purchased by the college in the year 2023 and it is of life time validity.

Major features and functionalities of SOUL3.0 are as follows:

Name of the ILMS Software	Nature of Automation	Version	Year of Automation
SOUL	Fully	3.0	2023

SOUL is a UNICODE - based multilingual support for Indian and foreign languages. It supports cataloguing of electronic resources such as e-journals, e-books, virtually any type of material. It provides default templates for data entry of different type of documents.

SOUL software needs user Authentication for limiting the access rights only to the authorized persons

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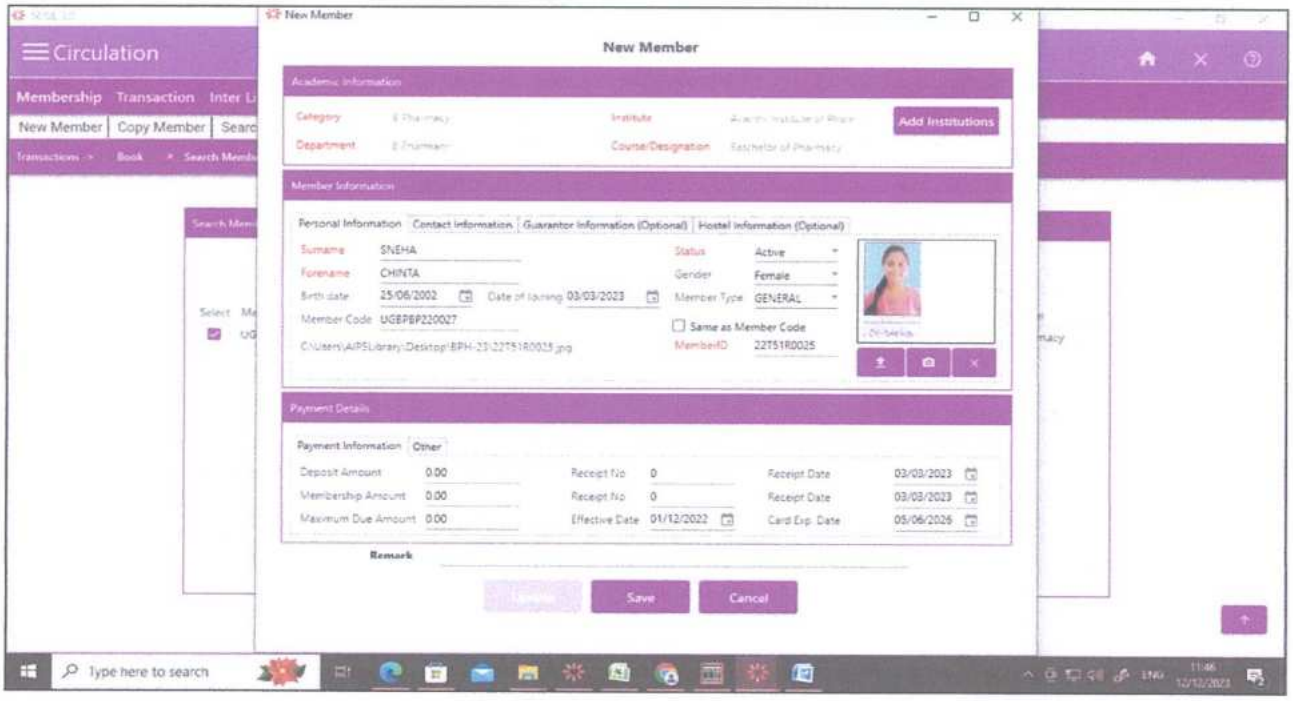
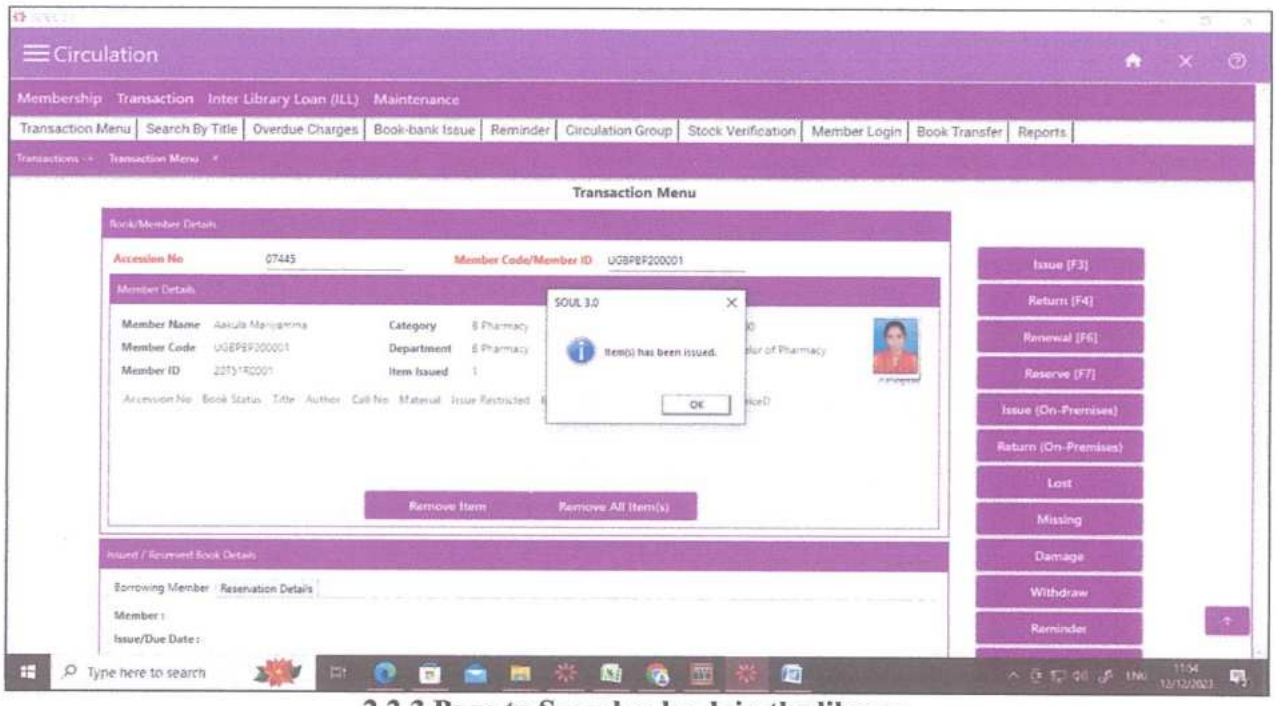
2.2.1 SOUL Software Login Page

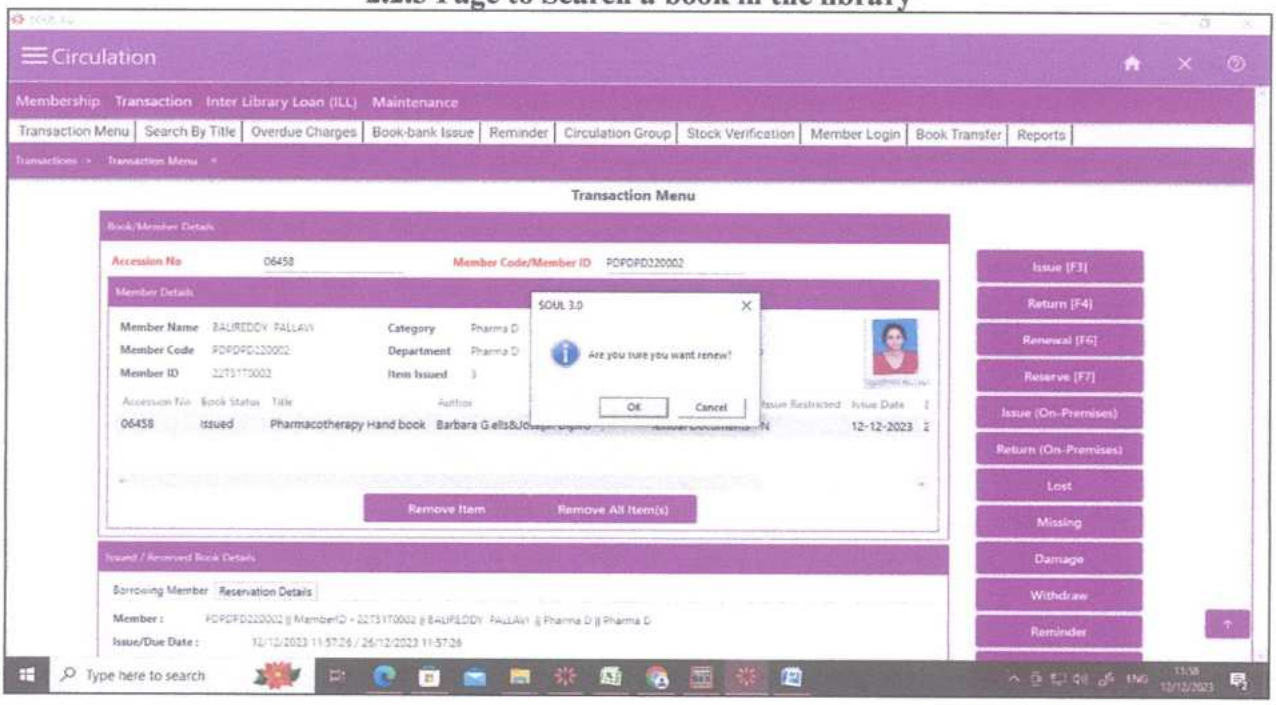
As we open the SOUL software with our login credentials we can see the various options for transaction of books for both the staff and students and find allotted locations for the books in the library.



2.2.2 Circulation page to enter the book borrower details



2.2.3 Page to Search a book in the library



2.2.4 Page showing the book return status of a student

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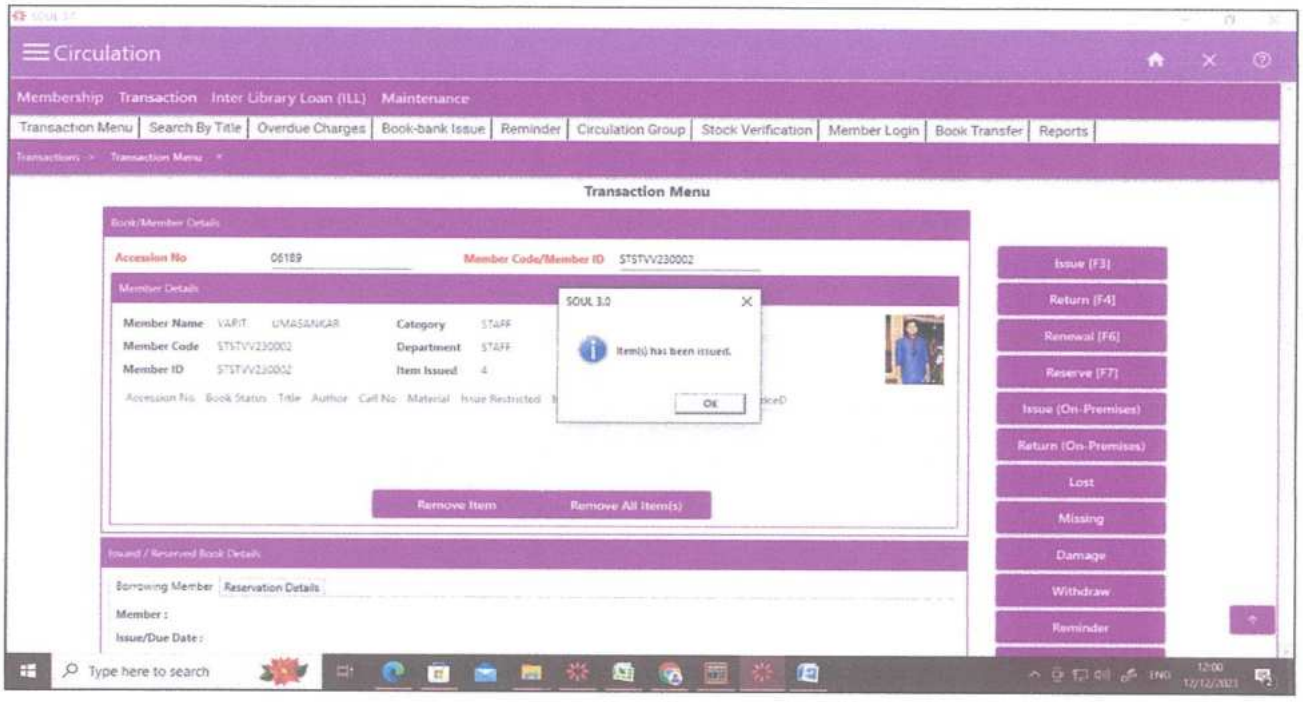
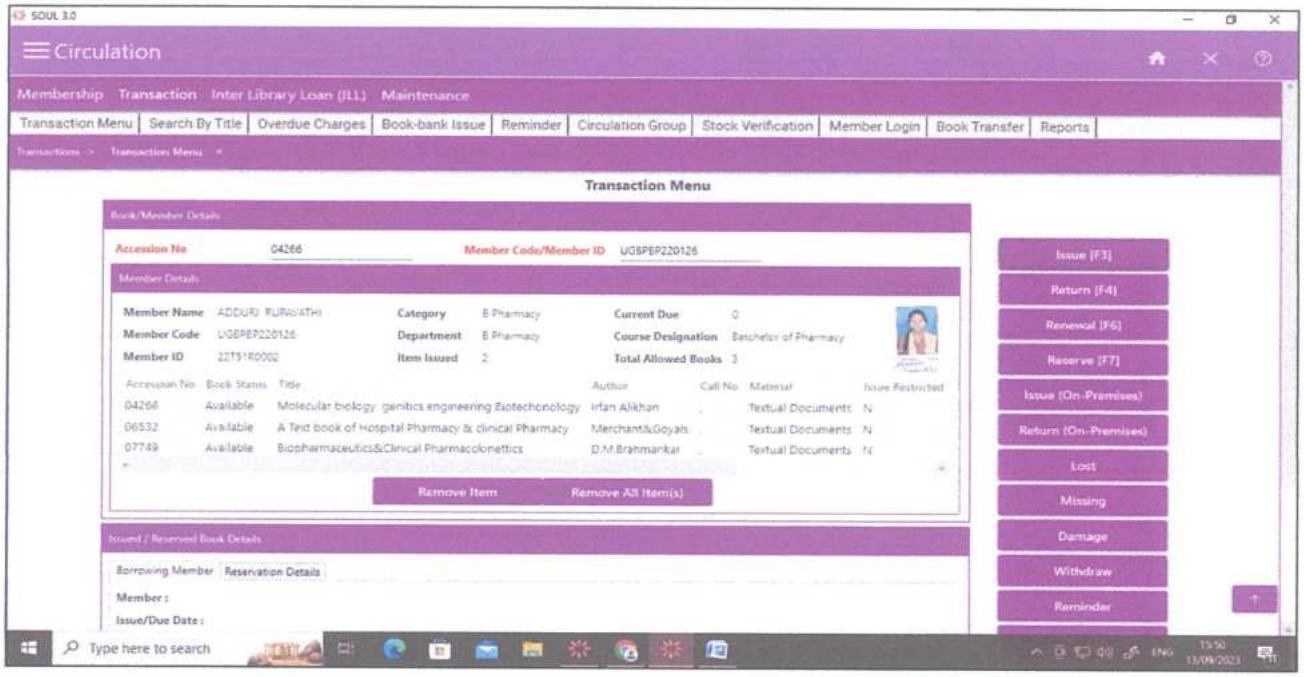


2.2.5 Showing Faculty Issue/Circulation details in SOUL software



2.2.6 Showing student Issue/Circulation details in SOUL software

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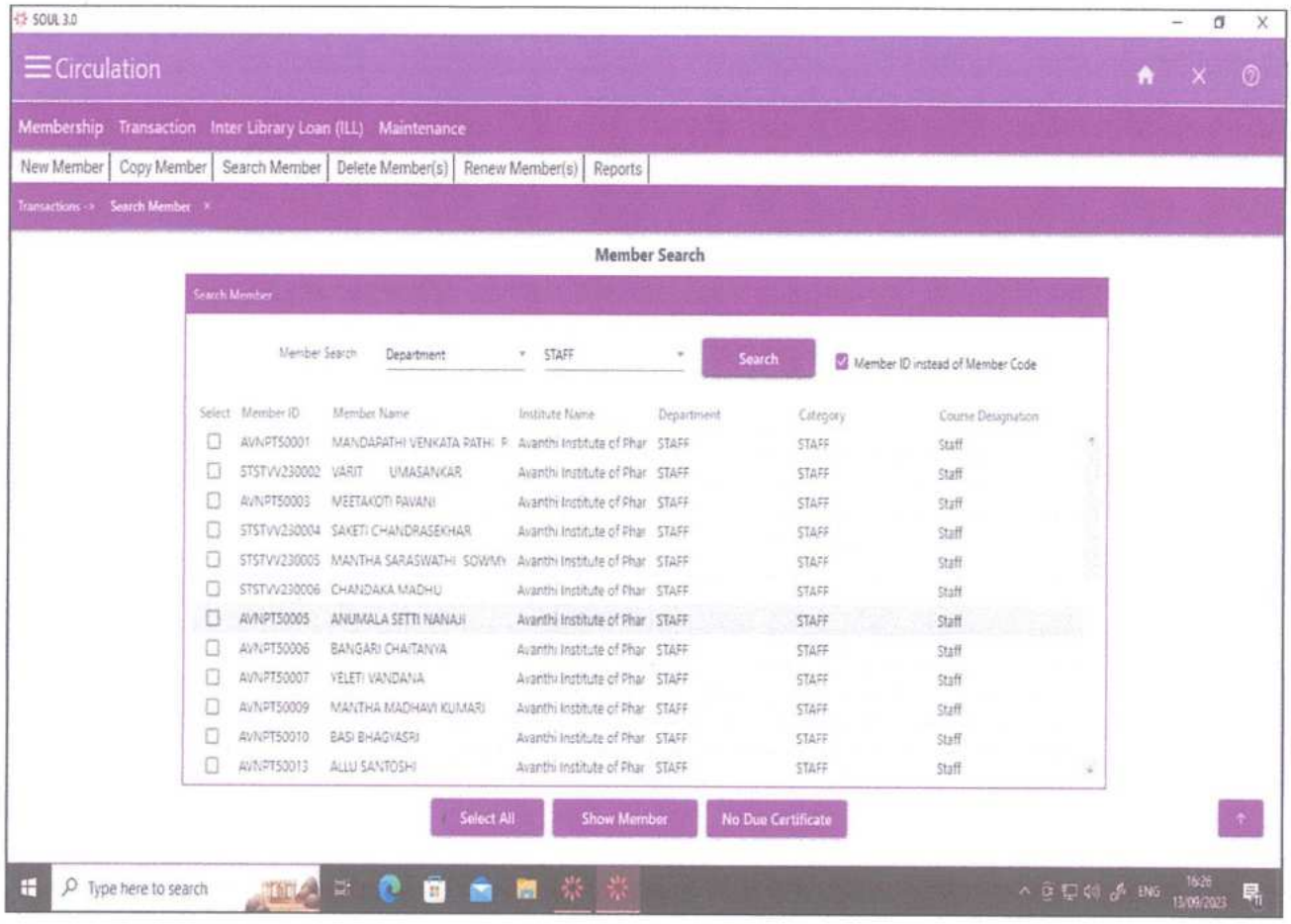

2.2.7 WEBOPAC (Online Public Access Catalogue)Faculty access details

2.2 ERP in Grievances Reporting

Avanthi Institute of Pharmaceutical Sciences through its website https://avanthipharma.ac.in// provides an option for reporting the grievances through its online web page. Web pages were completely developed by Department of Pharmacy in our college.

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2.3.1. Grievance Redressal Mechanism

2.3 ERP in surveillance

Avanthi Institute of Pharmaceutical Sciences will always be the first in providing the security and safe environment to the students and staff. In its campus of Avanthi Institute of Pharmaceutical Sciences a well organized network of closed circuit cameras were installed to cover each and every corner of the premises to enhance the security in the college. This network of cameras facilitates in the close monitoring of the staff and students and leads the management towards immediate rectification if any issue arises. The monitoring is completely done from Principal's office by the Principal with admin access held with him exclusively

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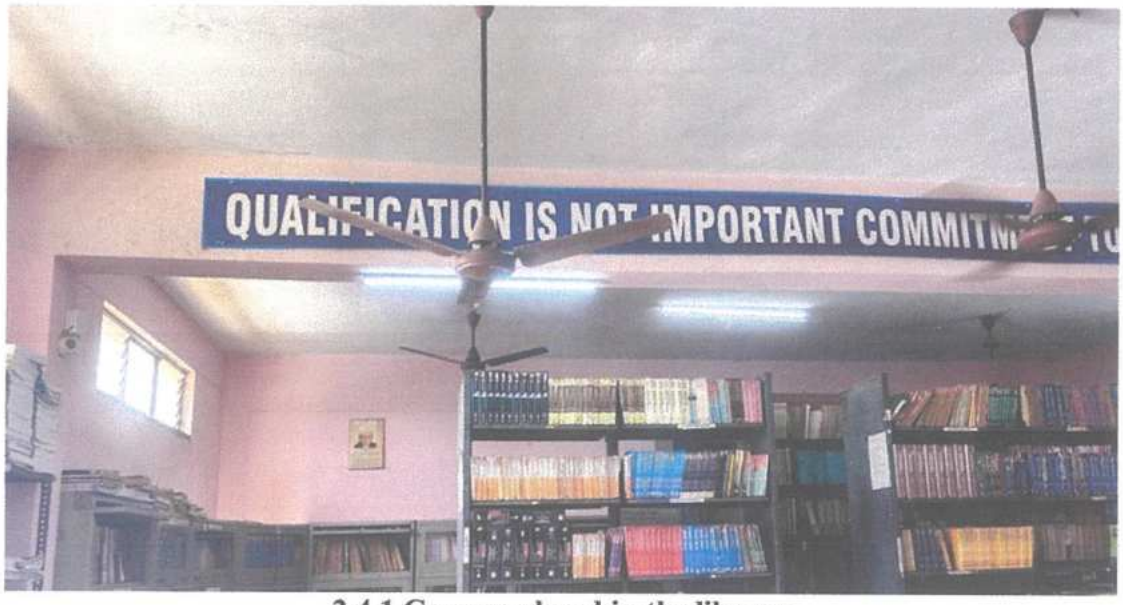
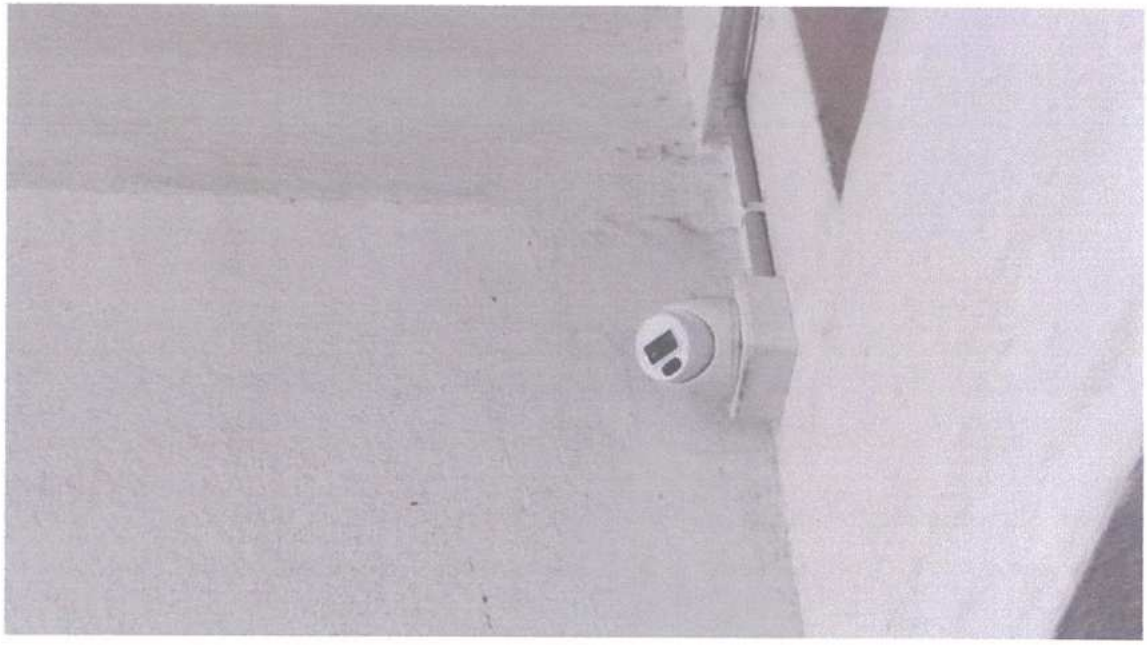


2.4.1 Camera placed in the library

2.4.2 Camera placed in the classroom



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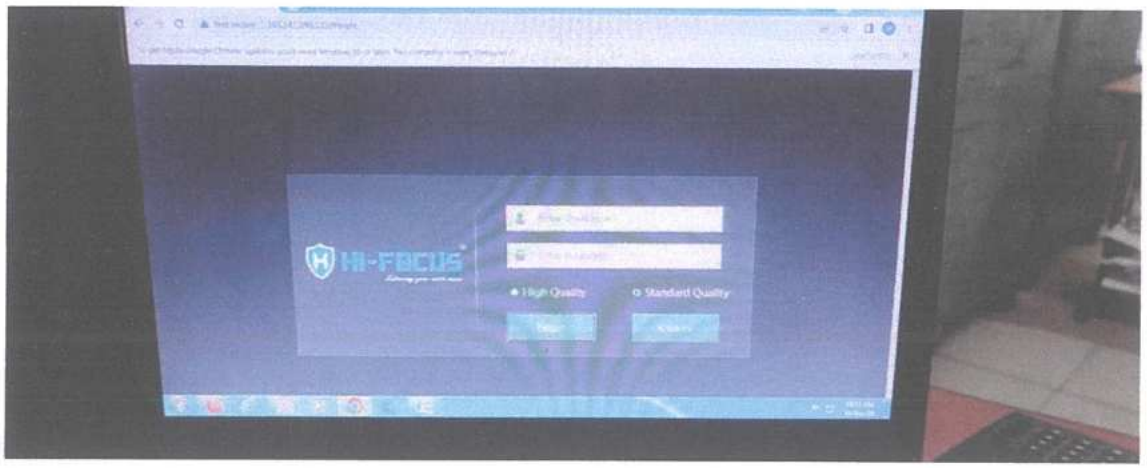
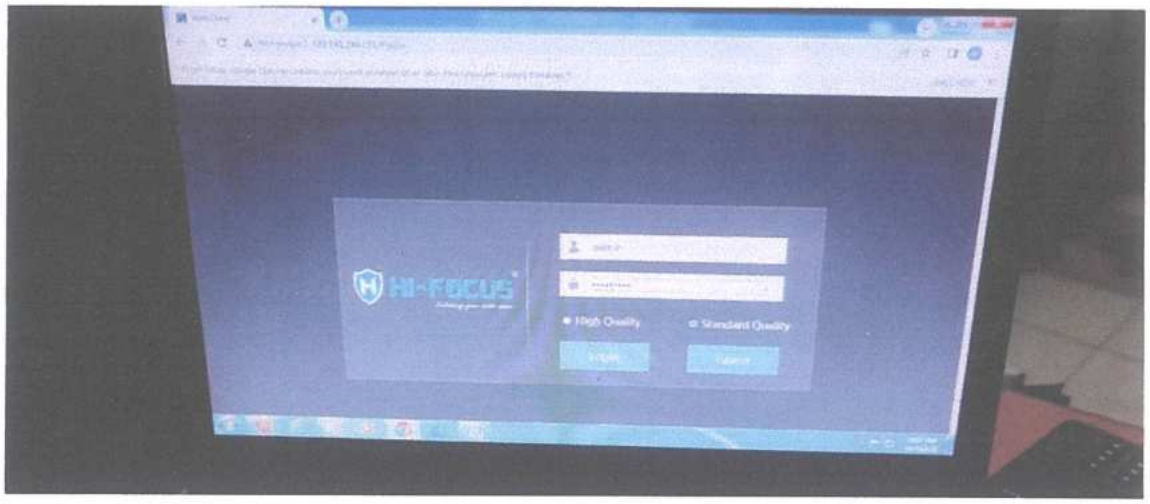


2.4.3 Initial set up to watch in a monitor



2.4.4 secured with authentication

2.4.5 configuring the views

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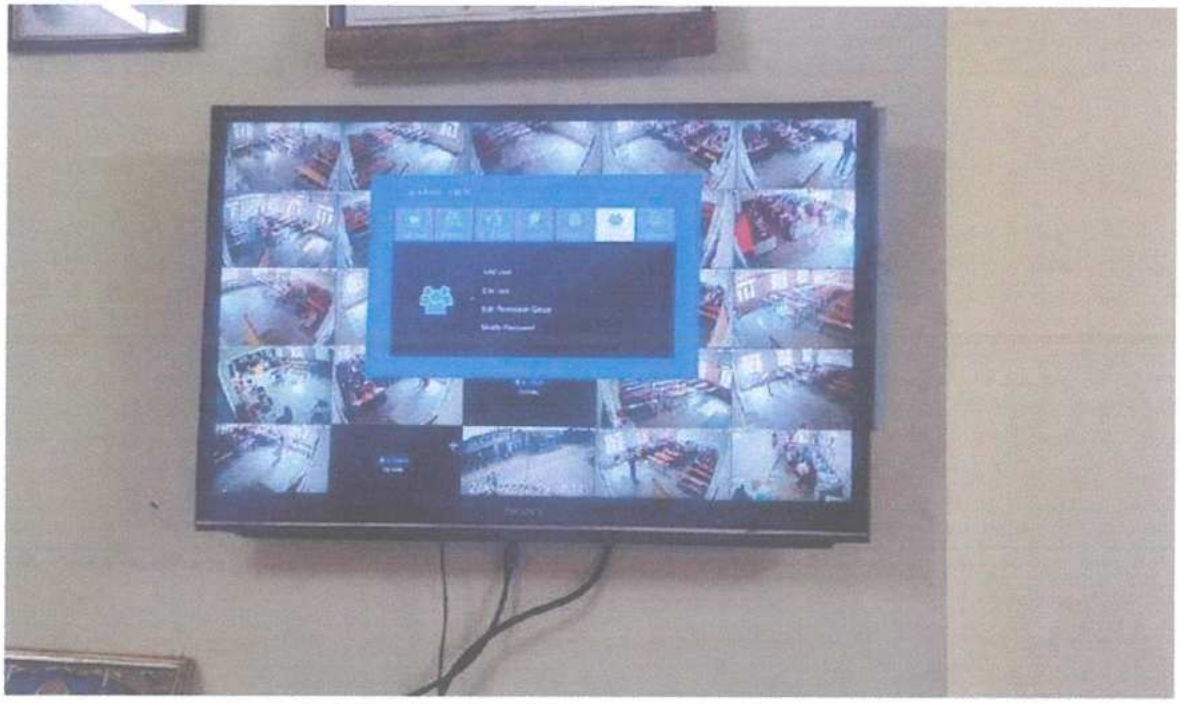

2.4.6 option to add peer member for access

2.4.7 showing classroom view

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2.4.8 Showing common view

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3. FINANCE AND ACCOUNTS

Avanthi Institute of Pharmaceutical Sciences emphasizes on the amount of accuracy that can be attained in the matters that includes at most sensitivity. One of such fields where accuracy is of high priority is financial Management. Financial transactions such as academic fee payment,fine payment, exam fee payment, scholarship assignment to the poor students along with generation of reports for audit will be in need of a sophisticated software. The transactions that are taking place in the institution decides the stability of the institution and in turn effects its working. For the purpose of maintaining a perfect record of each and every financial transactions happening in the institution, the management license my class board and software FOCUS were used.

Government of Anddhra Pradesh through the initiative of Jaganannavidya Deevena(JVD) transfers the annual fee money of the studemt into the account of student's mother . This money has to be transferred by Student's mother into the college account. These transactions will be handled with ease by the software used in the institution.

3.1. FOCUS

FOCUS is a powerful financial management tools. The accounting module helps is efficient management of finance and flow of money within and outside the Organization. Avanthi Institute of Pharmaceutical Sciences uses an another efficient tool named FOCUS to cater to the needs in the financial management in a more efficient way with facilitation to the generation of reciept.

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AVANTHI EDUCATIONAL SOCIETY
HYDERABAD
VIZIANAGARAM

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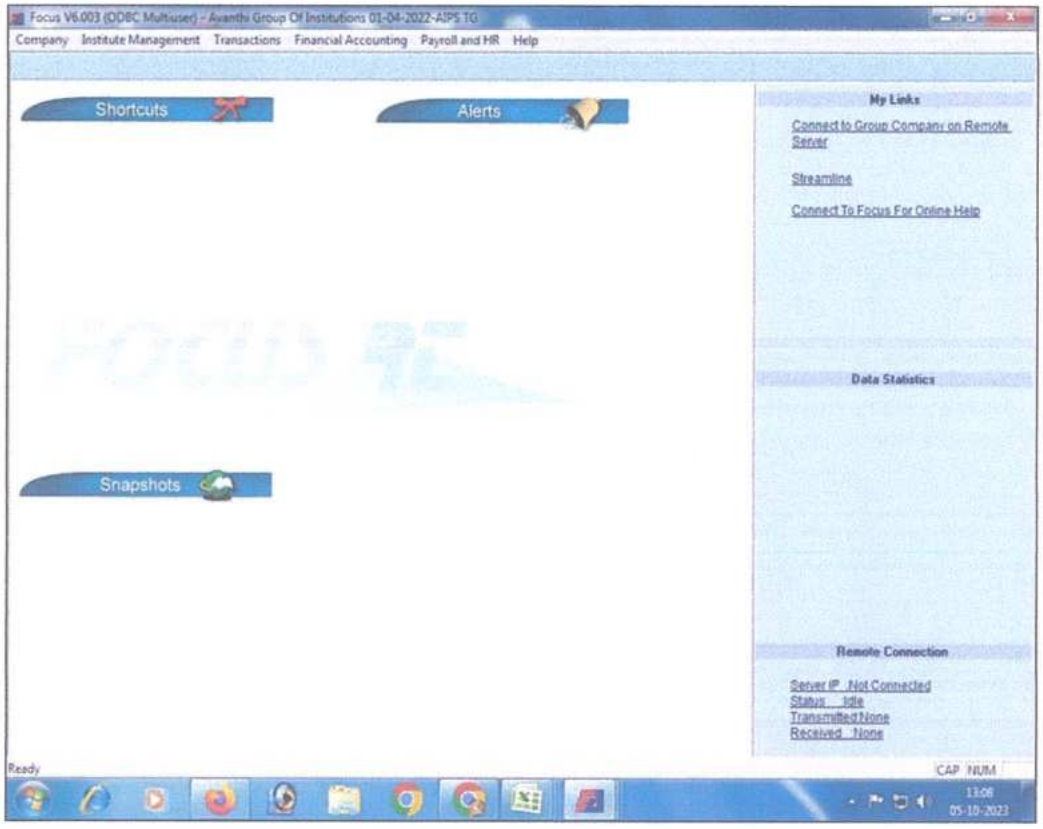
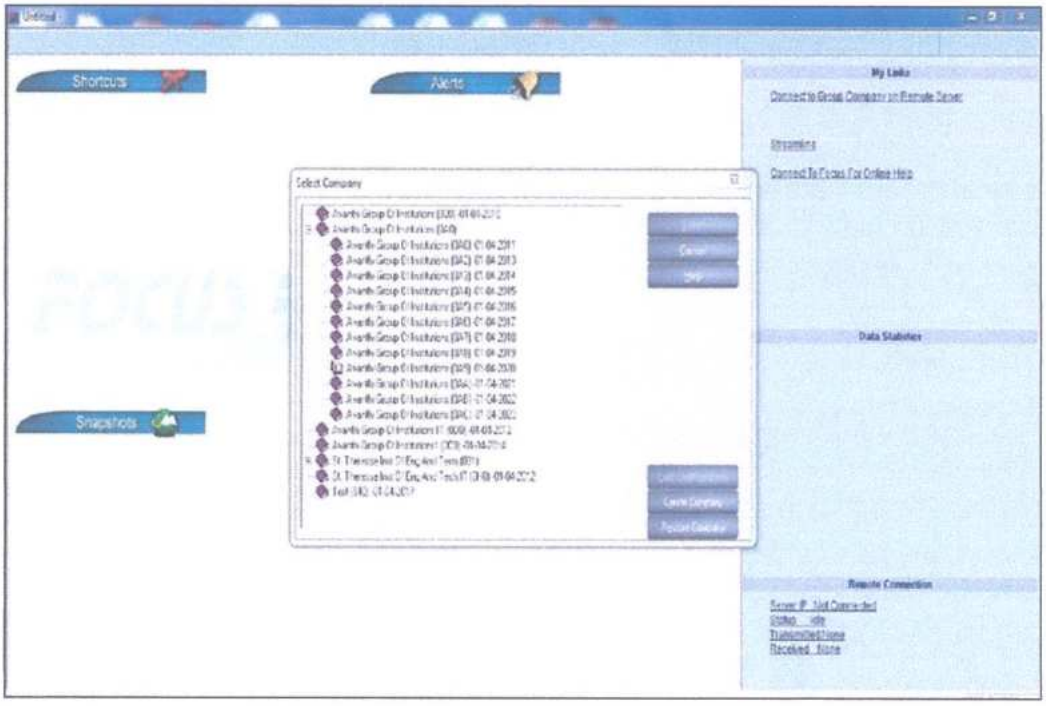


3.1.1. Main Page as with open the Application



3.1.2..Select the Institution

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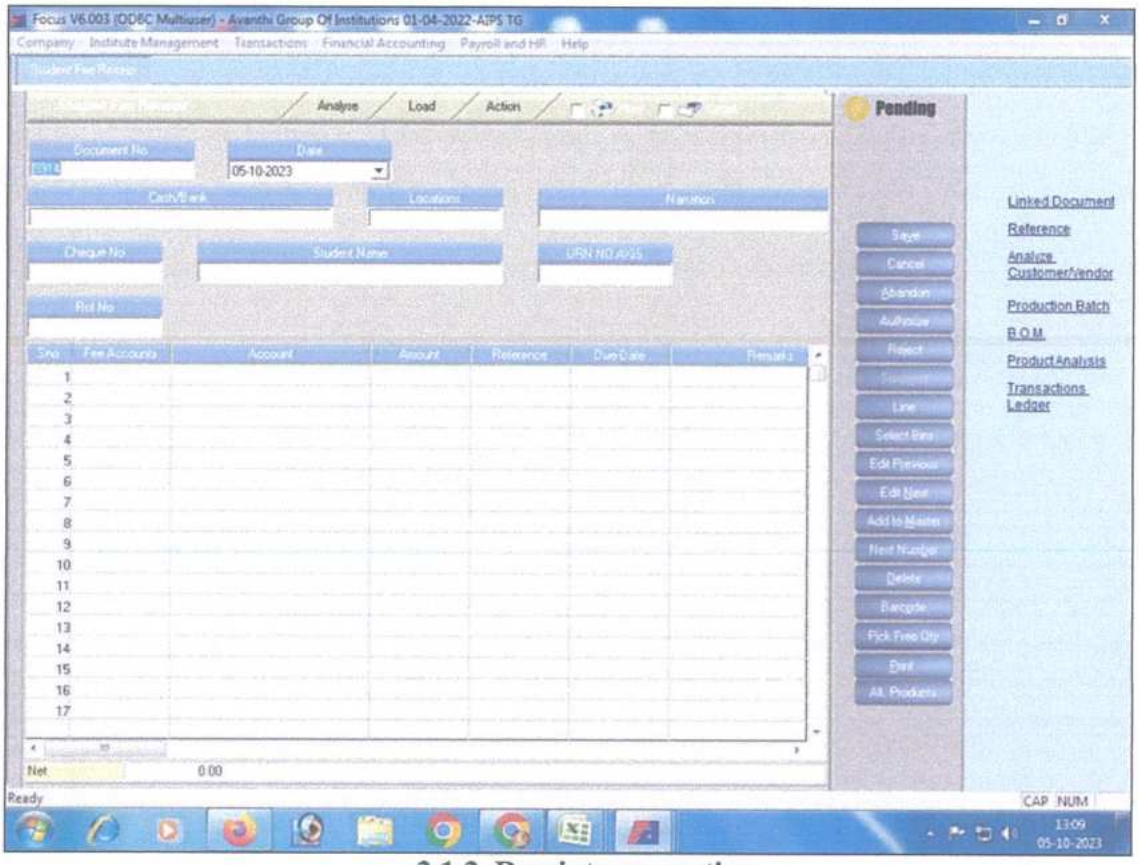

3.1.3. Receipts generation

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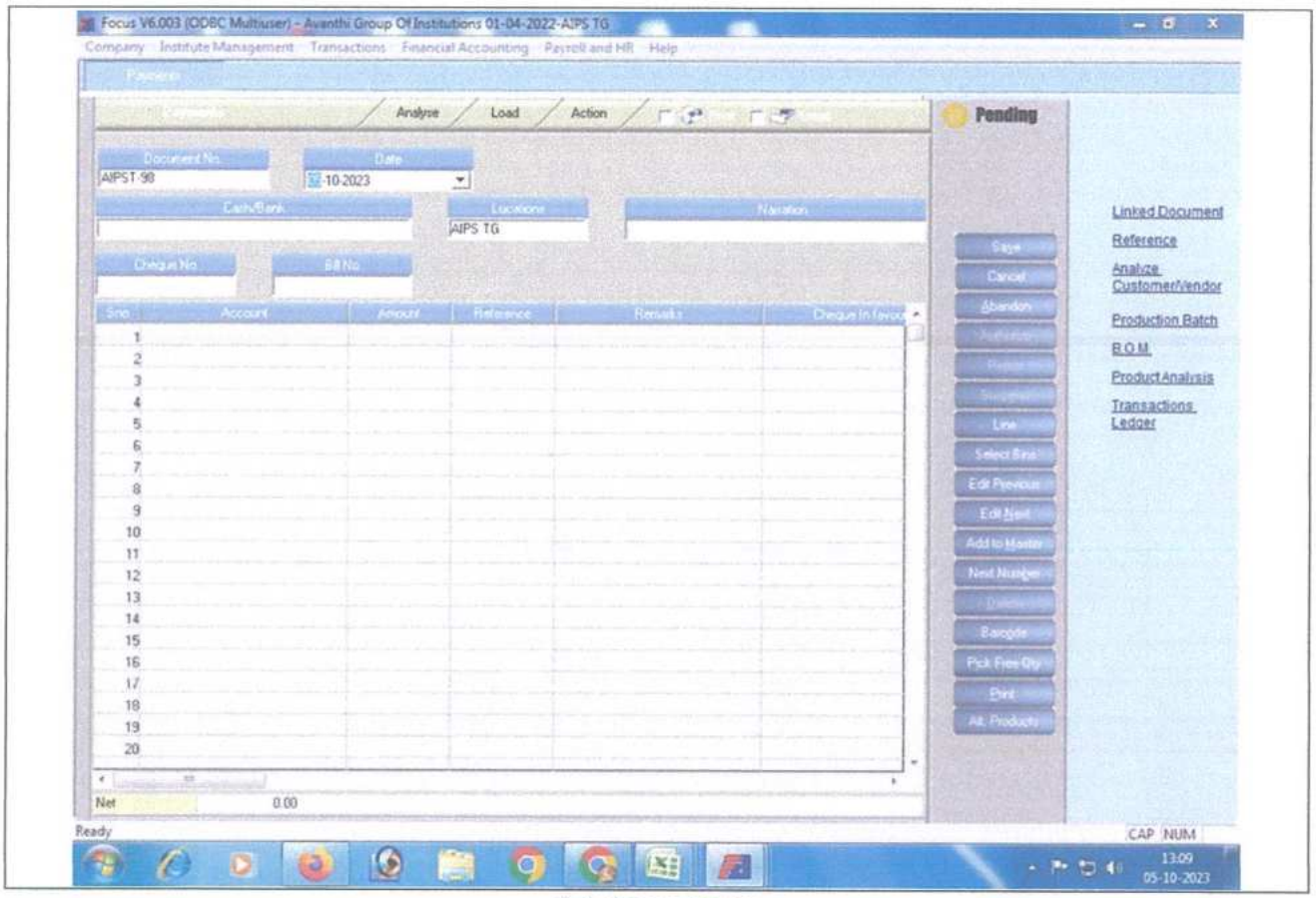
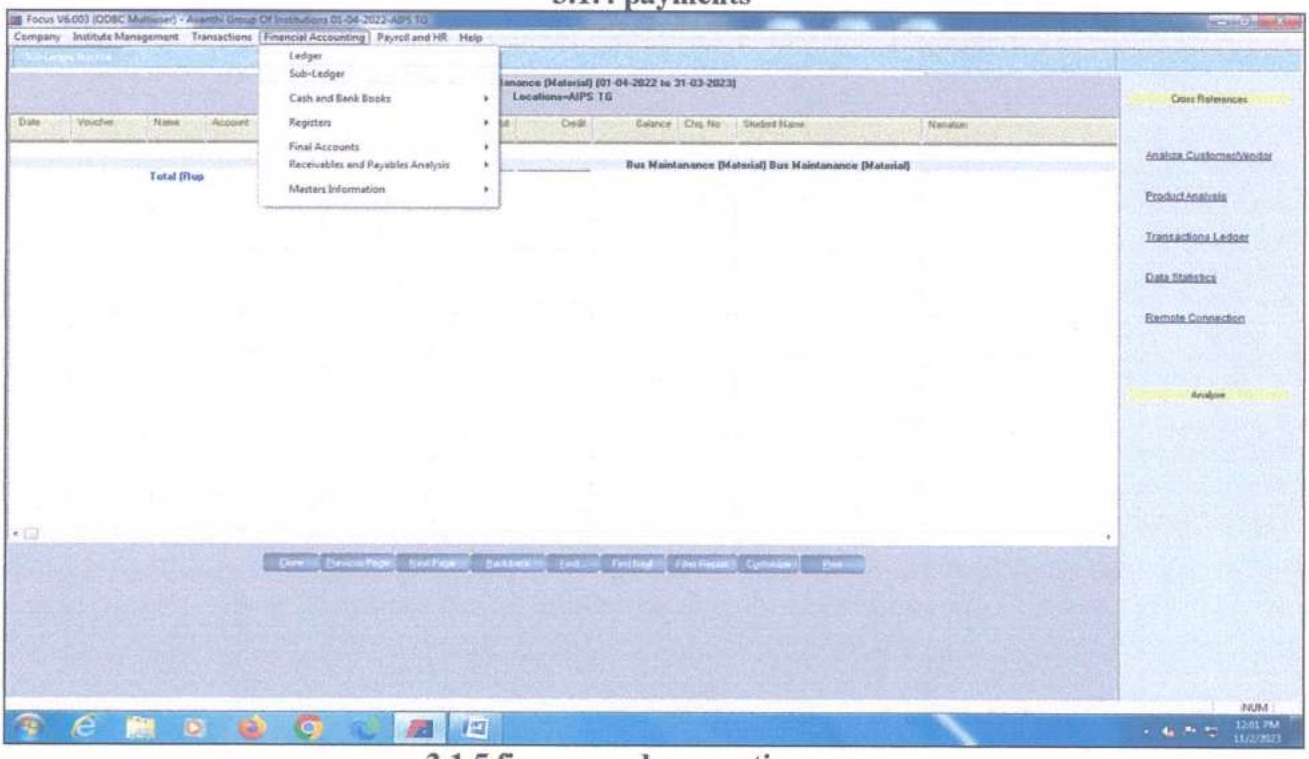
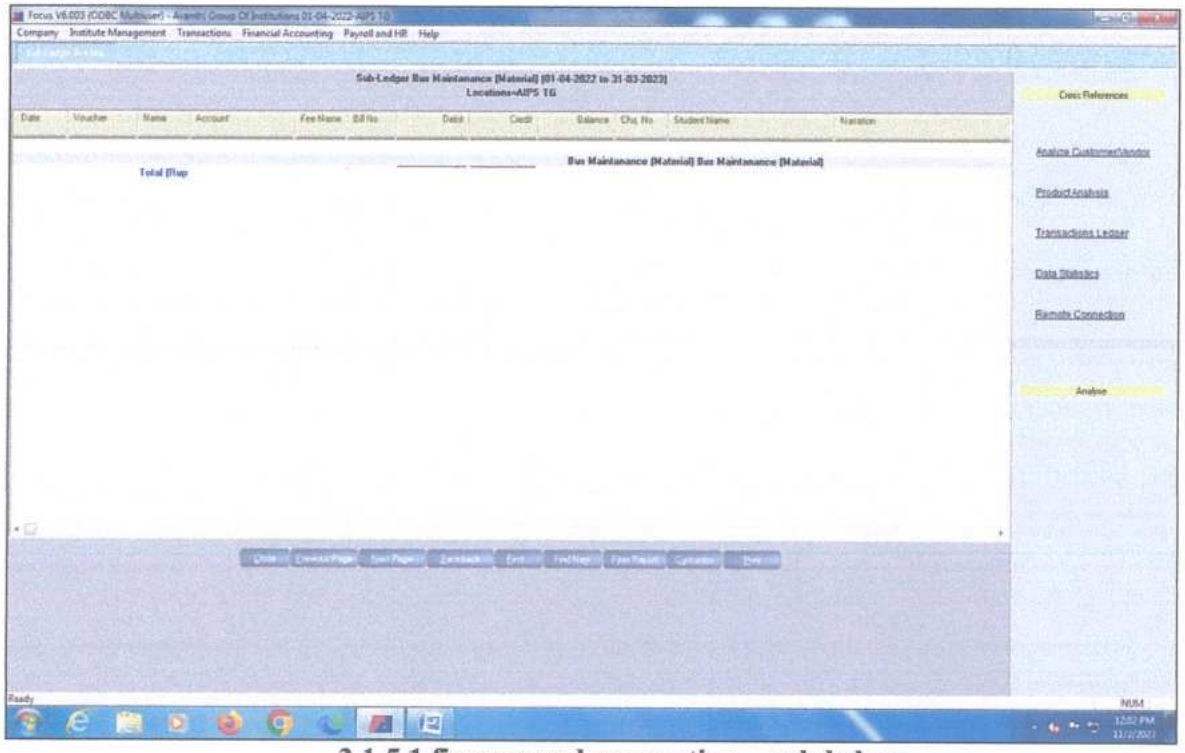


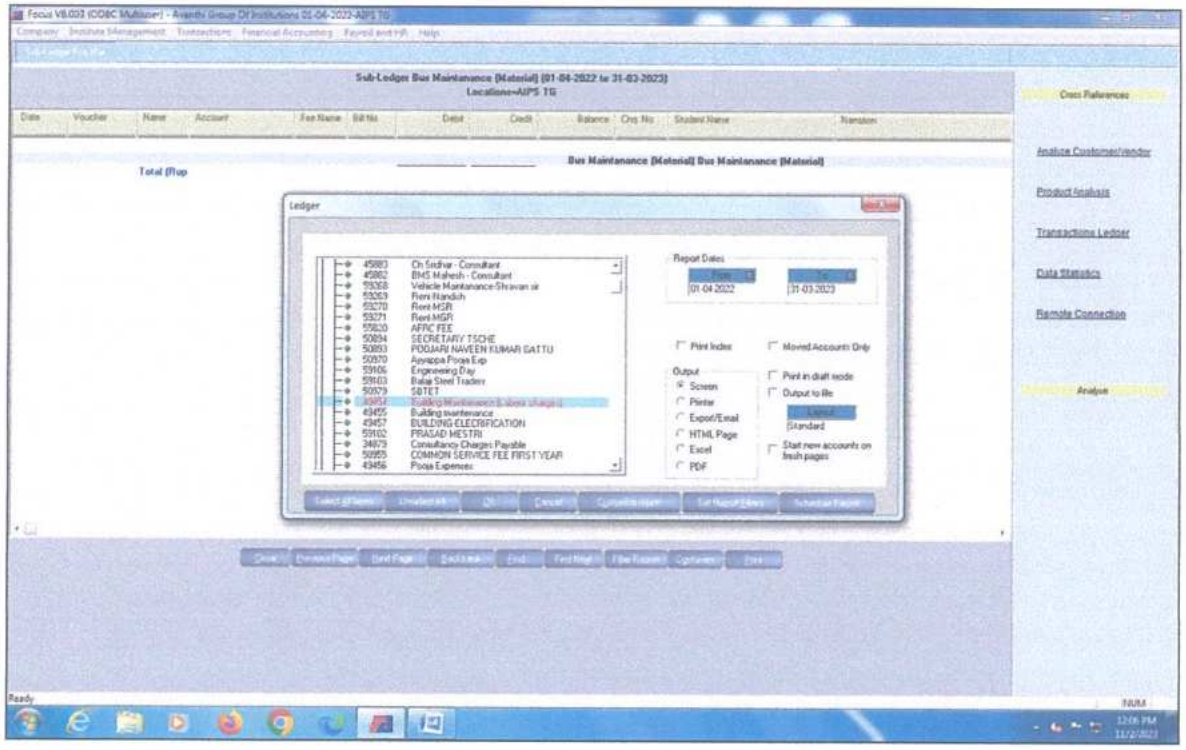
3.1.4 payments



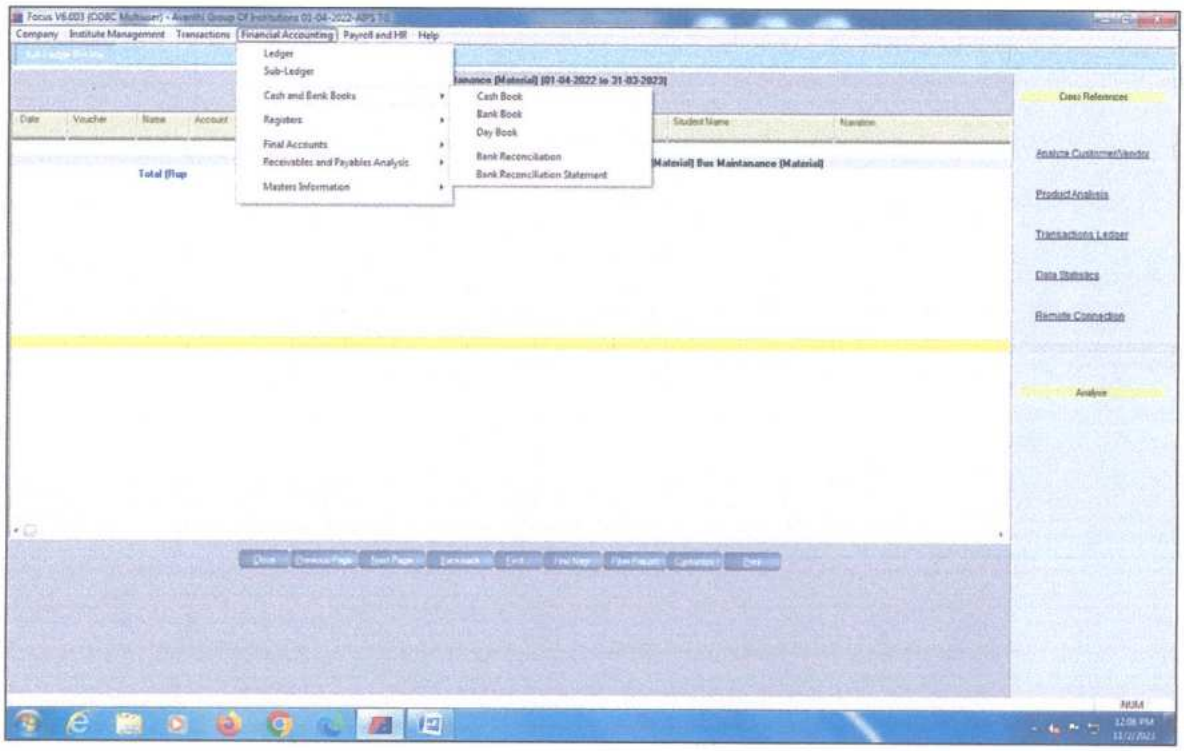
3.1.5 finance and accounting page



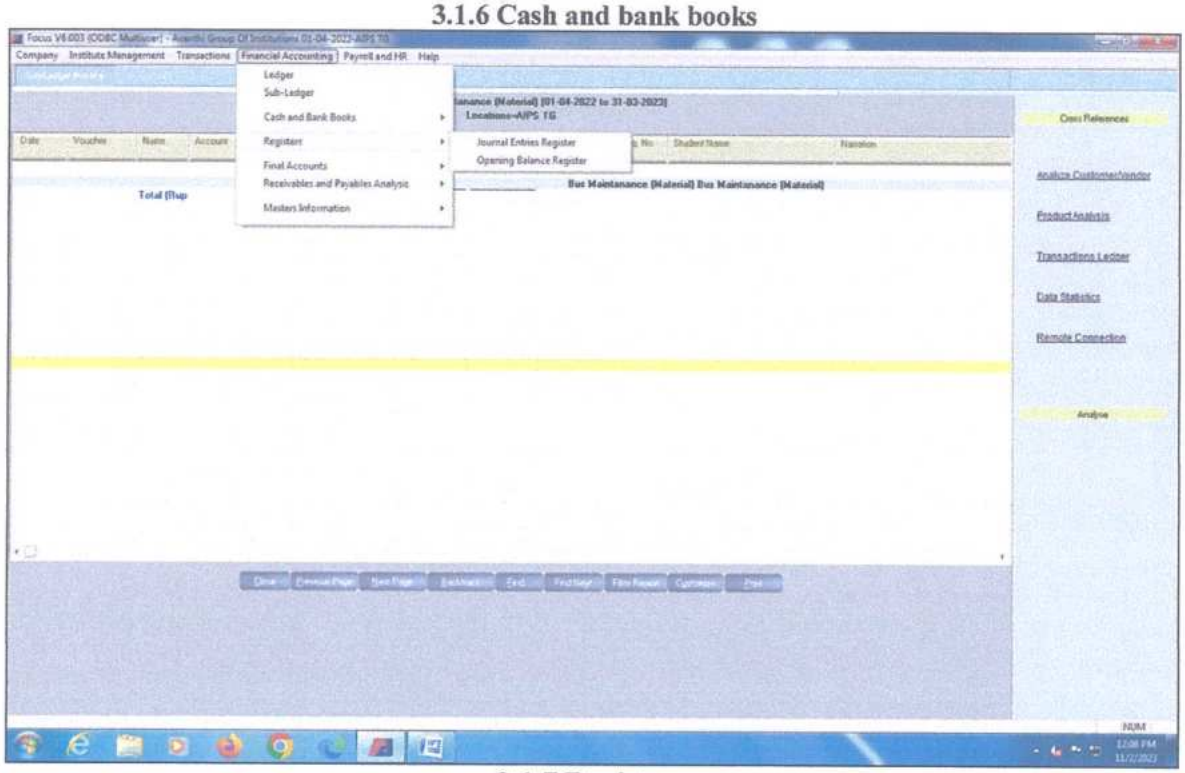
3.1.5.1 finance and accounting – sub ledger



3.1.5.2 finance and accounting – ledger generation



3.1.6 Cash and bank books



3.1.7 Registers

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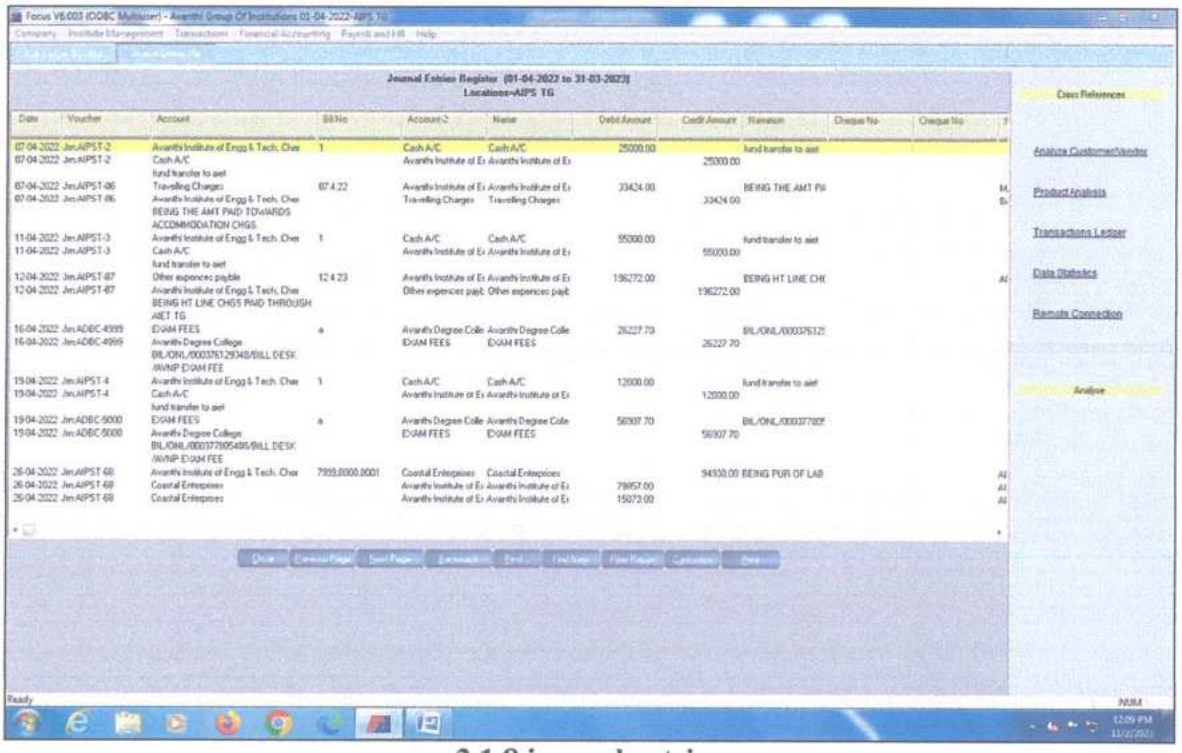
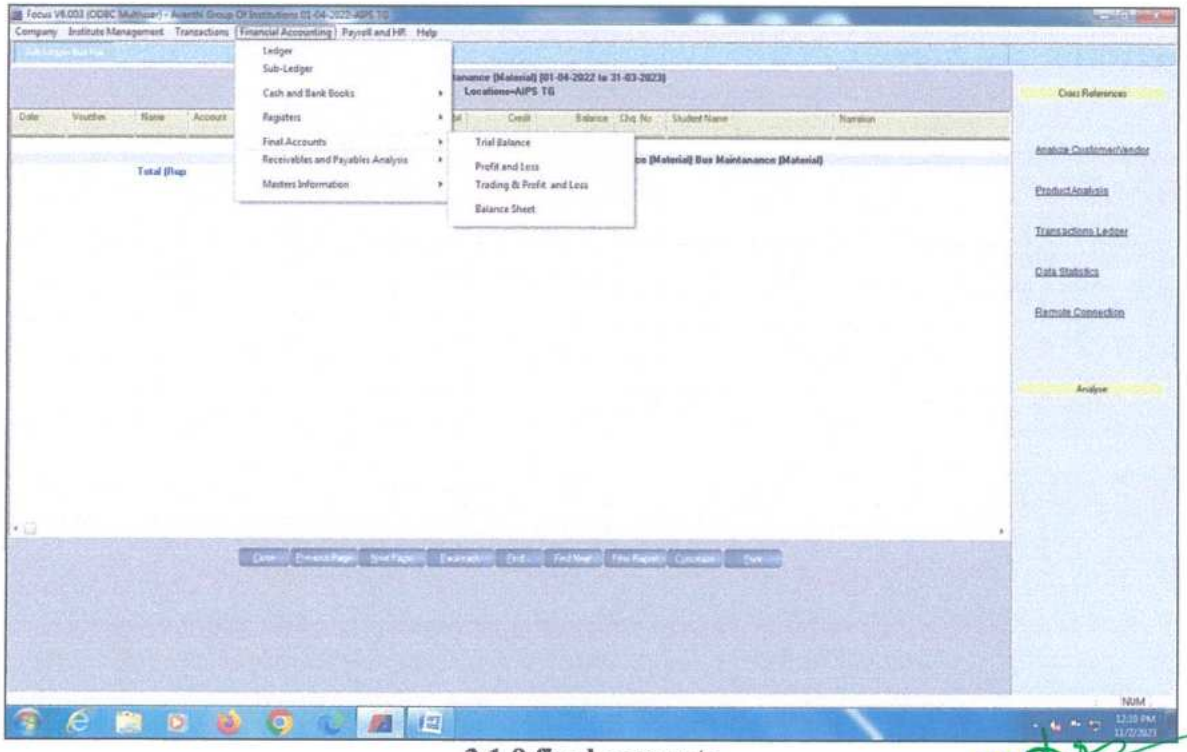


3.1.8 journal entries



3.1.9 final accounts

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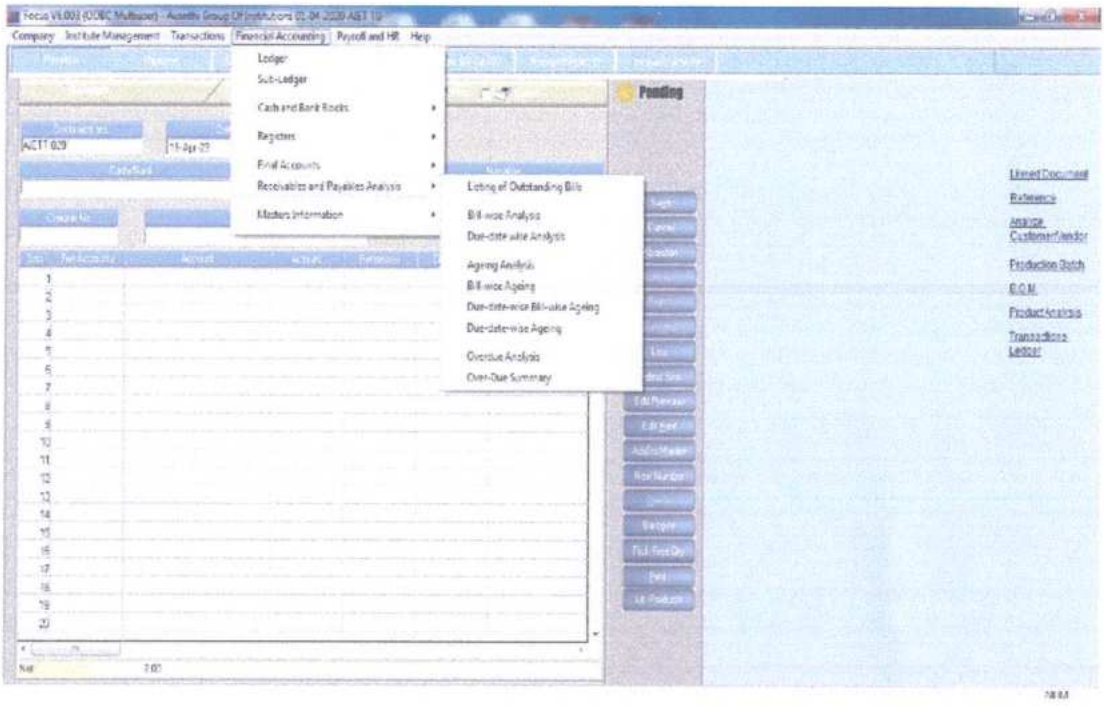
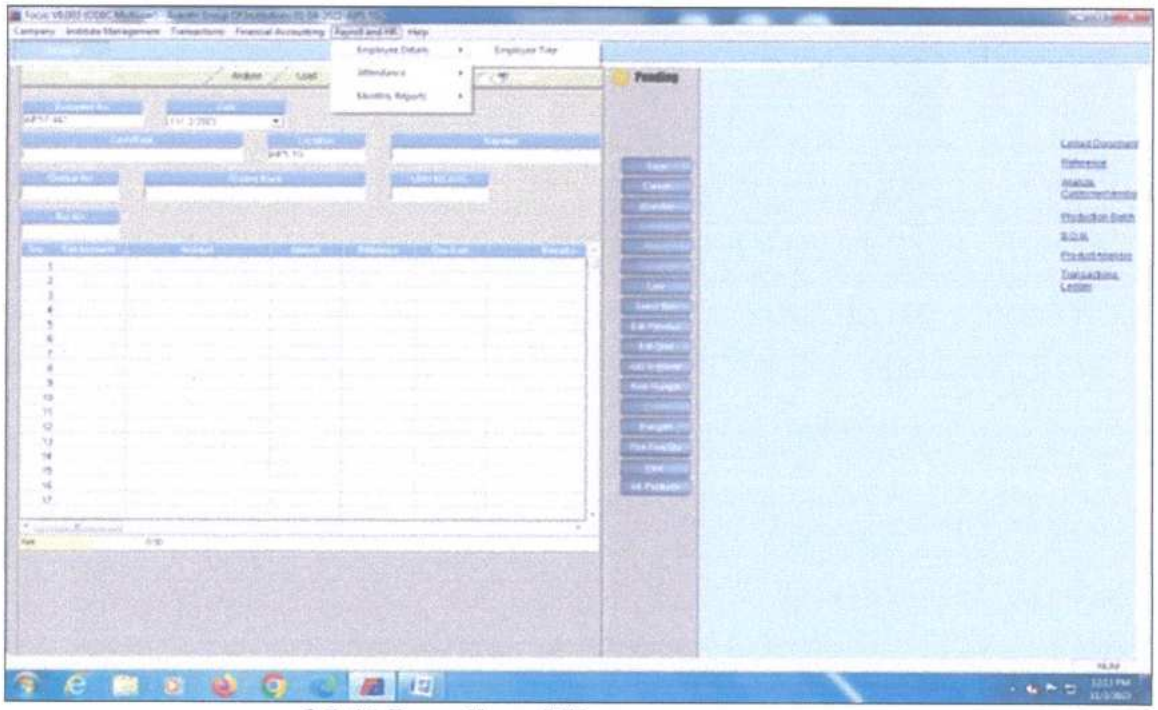


3.1.10.Receivebles and payables analysis



3.1.11.Payrolls and Human resourse page

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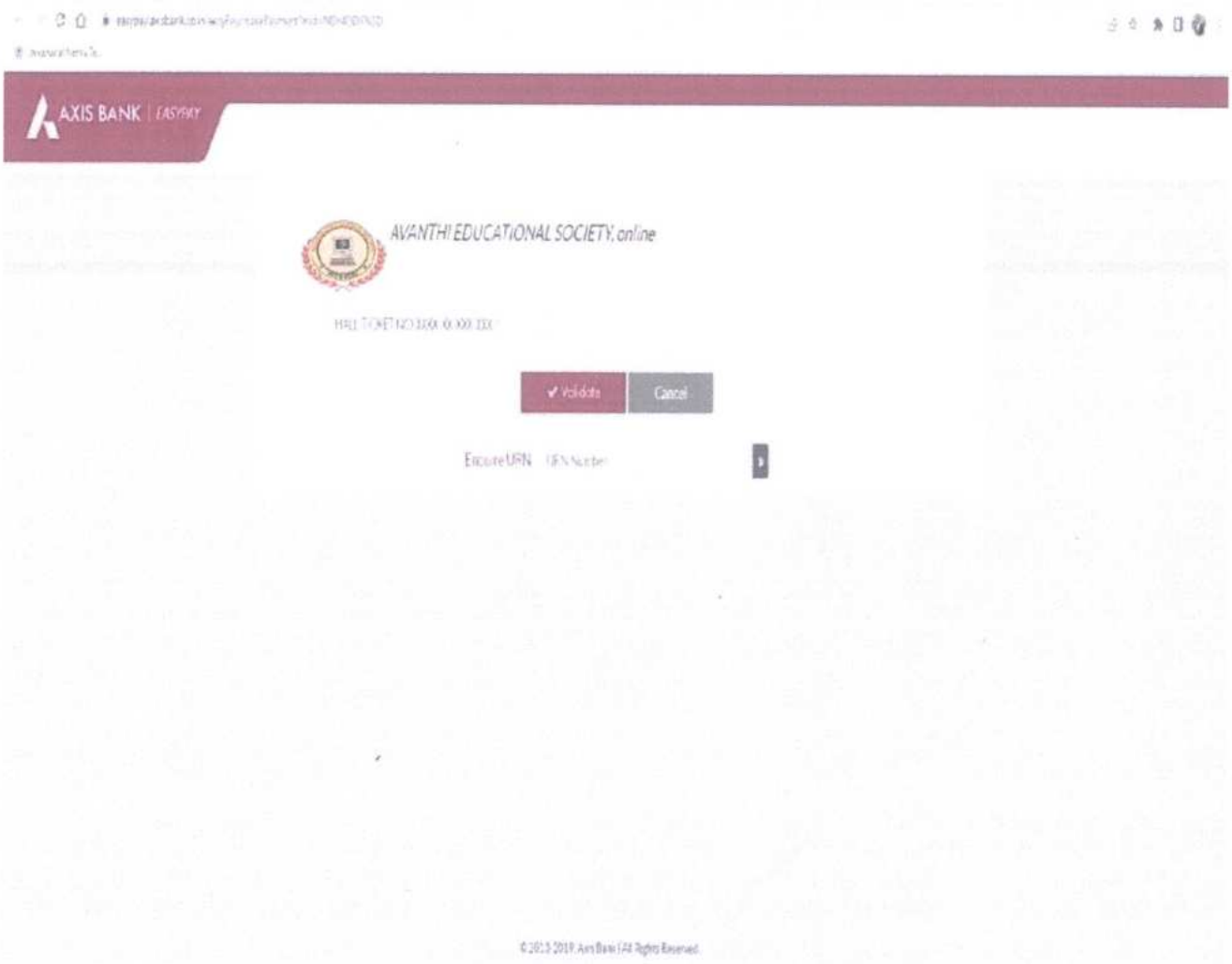
4.STUDENTS ADMISSION AND SUPPORT

Avanthi Institute of Pharmaceutical Sciences through its website https://avanthipharma.ac.in/ provides access for fee payment to the students and enquiry for the admissions. The web-pages for the fee payment and the admission enquiry were developed in-house by the Department of Computer Science Engineering. This provides an easy access to the student to pay his fee avoiding wastage of time with payment option provided in the online portal as shown in 4.1 sections.

From anywhere in the world a person can reach out to the college personnel to enquire about admissions through the web-page shown in the 4.2 section



4.1 Online fee payment portal for students

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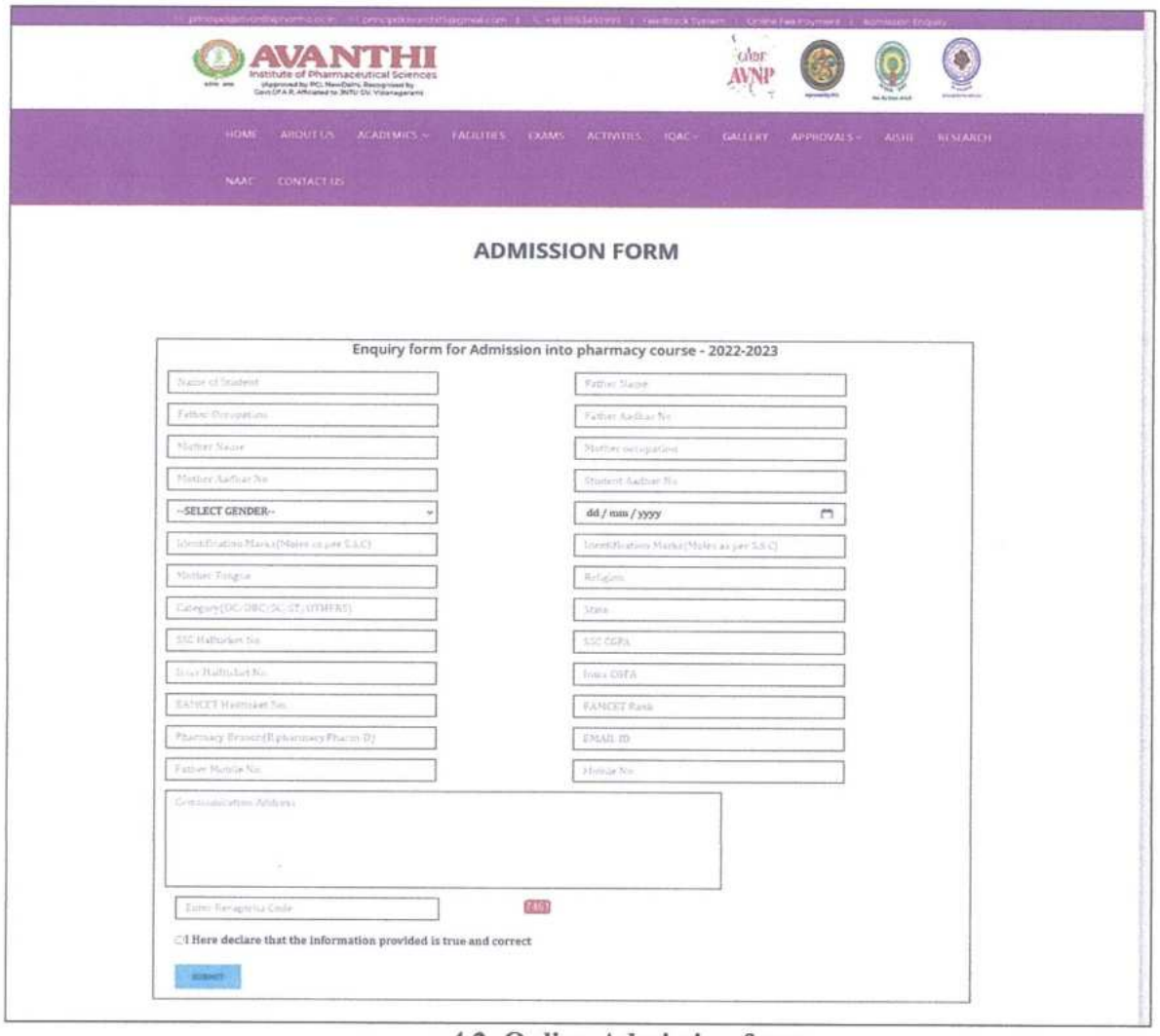
Cherukupally (V), Bhogapuram Mandal
Vizianagaram Dt., - 531162



4.2. Online Admission form

4.3 ERP in recording Feedback on the curriculam

Avanthi Institute of Pharmaceutical Sciences through its website http://www.avanthipharma.ac.in/feed.phpprovides an option for providing the feedback on the curriculum followed through its online web page for parents, students, faculty and alumni as shown below. Web pages were completely developed by Department of Computer Science Engineering in our college. This feedback systems helps in improving the curriculum according to the needs and modern standards. Student can address issues and requirements with the help of this option provided. The Faculty alumni of the college and parents can also help in the improvement of the curriculum through this web-page in the inclusion of new modules in the curriculum.

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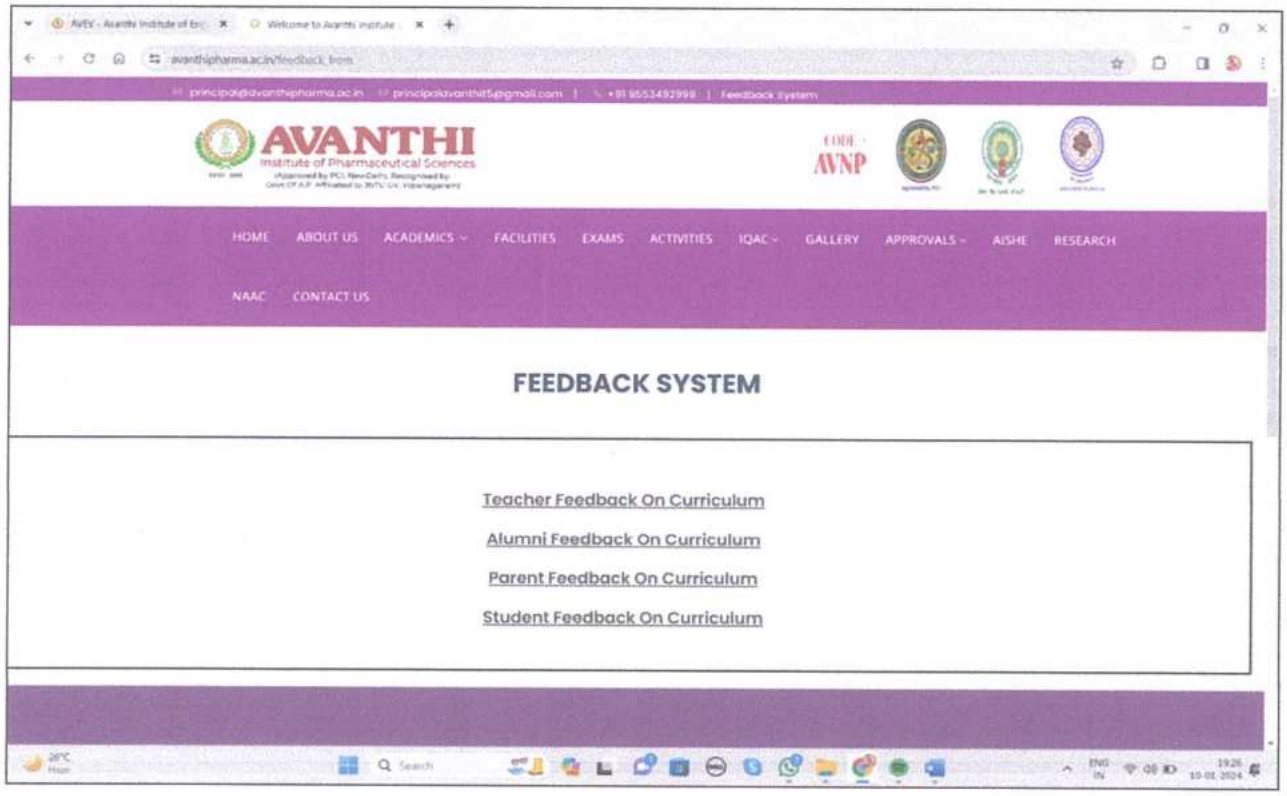
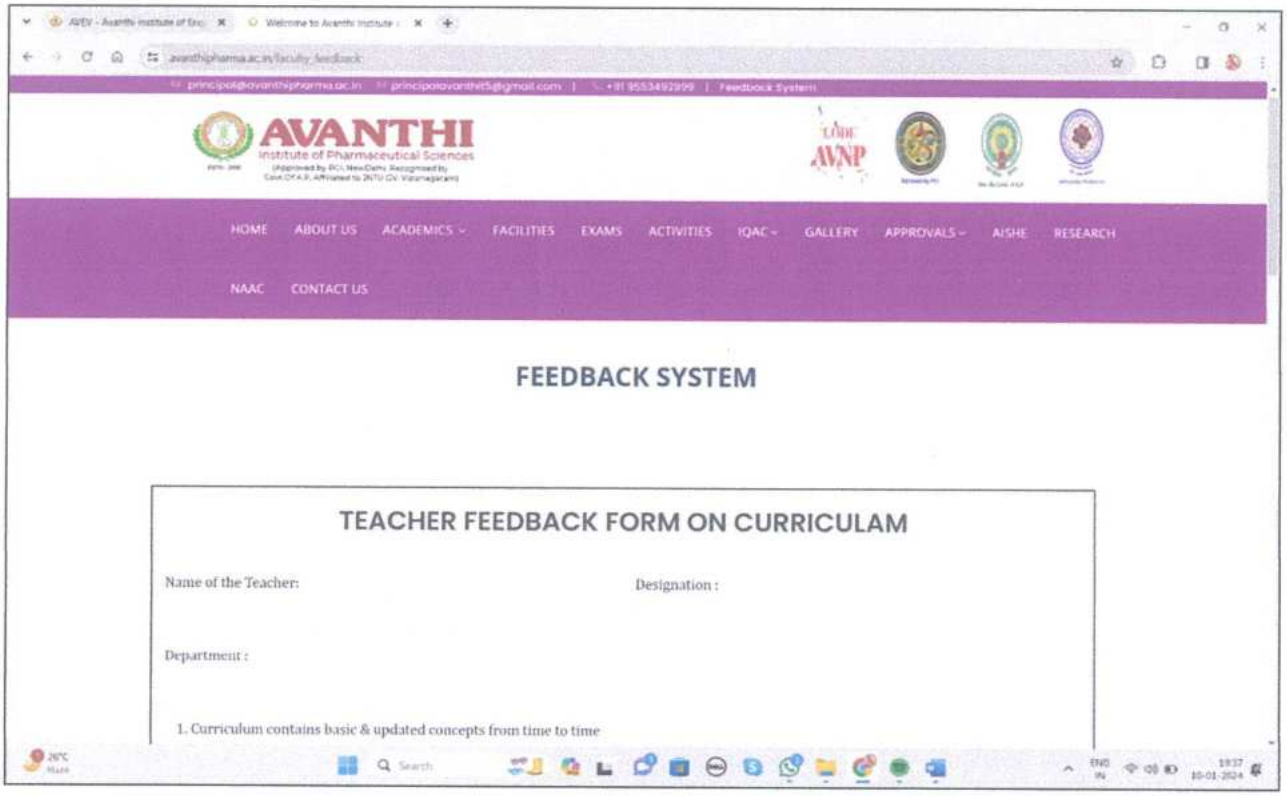
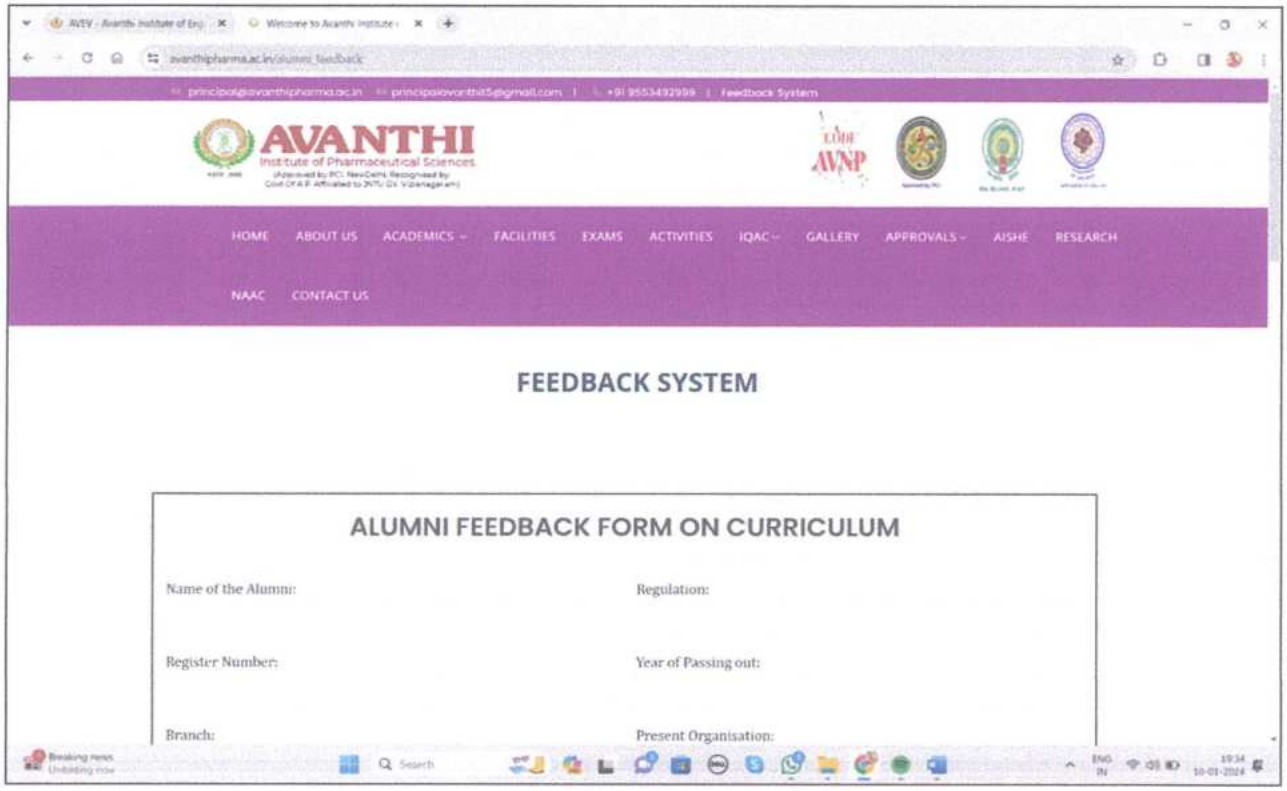


4.3.1. Feedback system available in the Avanthi web page

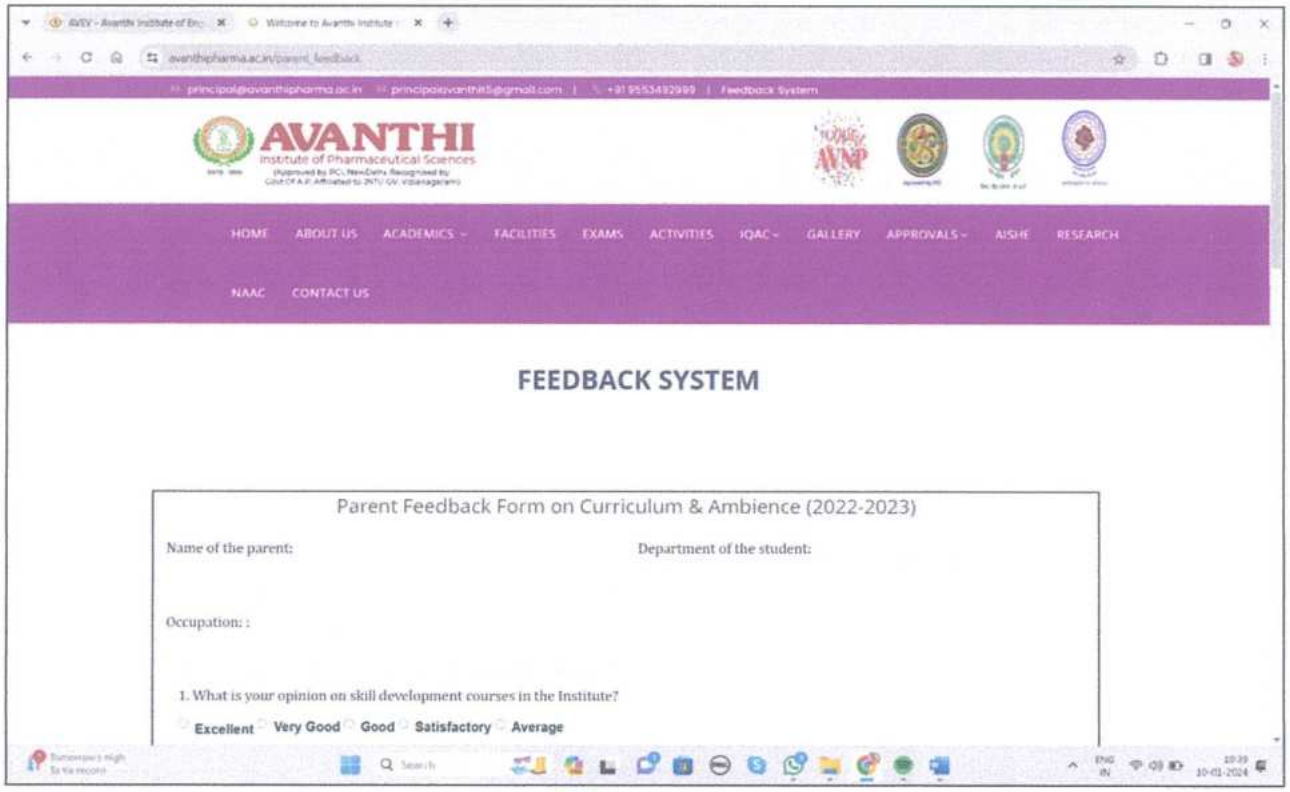


4.3.1.1 Faculty feedback form

PRINCIPAL
Avanthi Institute of Pharmaceutical Sciences
Cherukupally (V), Bhogapuram Mandal
Vizianagaram Dt., - 531162

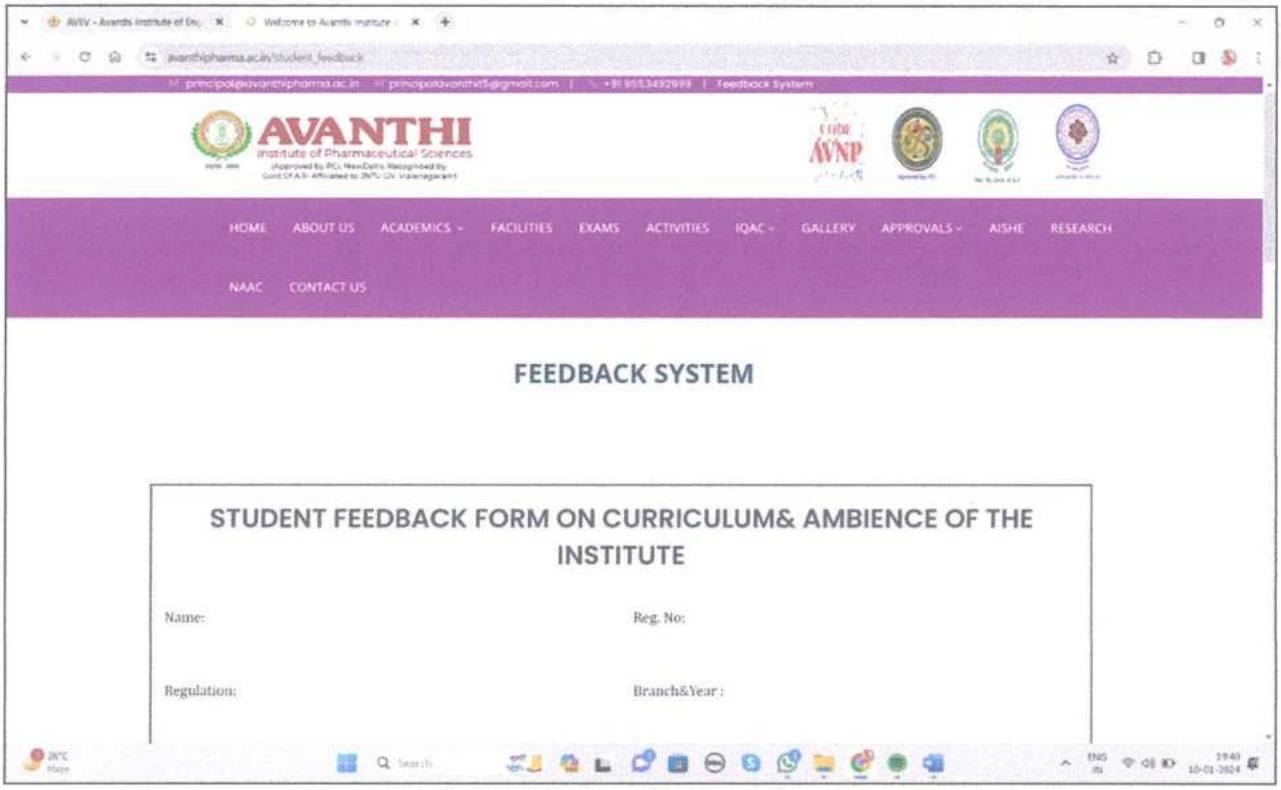


4.3.1.2 Alumni Feedback form



4.3.1.3 Parent feedback form

PRINCIPAL
Avanthi Institute of Pharmaceutical Sciences
Cherukupally (V), Bhogapuram Mandal
Vizianagaram Dt., - 531162



4.3.1.4 Student feedback form

PRINCIPAL
Avanthi Institute of Pharmaceutical Sciences
Cherukupally (V), Bhoga, Mandal
Vizianagaram Dt., - 531162

5.Examinations

Avanthi Institute of Pharmaceutical Sciences believes in usage of simple and sophisticated technology in the data management. With regard to the examinations there will be a various streams of data available that should be stored in a well organized manner .This data should be available in a single click when in need to conserve time and resources. For this purpose "JNTU-GV Portal" a gateway for storing the exam related data present in the JNTU-GV webpage.

UNIVERSITY EXAMINATION SECTION
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
GURAJADA VIZIANAGARAM

Hall Ticket	Full Name	Branch
20T51R0003	ADDANKI ANIL KUMAR	

Sl No	Subject Code	Subject Name	Credits	grade	gp
1	BP601T	MEDICINAL CHEMISTRY III	4	C	7
2	BP602T	PHARMACOLOGY III	4	C	7
3	BP603T	HERBAL DRUG TECHNOLOGY	4	B	8
4	BP604T	BIOPHARMACEUTICS AND PHARMACOKINETICS	4	D	6
5	BP605T	PHARMACEUTICAL BIOTECHNOLOGY	4	D	6
6	BP606T	QUALITY ASSURANCE	4	C	7
7	BP607P	MEDICINAL CHEMISTRY III	2	O	10
8	BP608P	PHARMACOLOGY III	2	A	9
9	BP609P	HERBAL DRUG TECHNOLOGY	2	O	10

Total Credits : 30 SGPA : 7.4 Status : PASS

5.1 Overview of student result

PRINCIPAL
Avanthi Institute of Pharmaceutical Sciences
Cherukupally (V), Bhogapuram Mandal
Vizianagaram Dt., - 531162

10/7/23, 12:58 PM Result Generation

UNIVERSITY EXAMINATION SECTION
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
GURAJADA VIZIANAGARAM

Hall Ticket	Full Name	Branch
20T51T0001	AMIREDDY PRIYANKA	

Sl No	Subject Code	Subject Name	INT	EXT	TOTAL	CREDITS
1	T3101	PHARMACOLOGY-II	28	61	89	1
2	T3102	PHARMACEUTICAL ANALYSIS	27	47	74	1
3	T3103	PHARMACOTHERAPEUTICS-II	26	47	73	1
4	T3104	PHARMACEUTICAL JURISPRUDENCE	25	56	81	1
5	T3105	MEDICINAL CHEMISTRY	28	27	55	1
6	T3106	PHARMACEUTICAL FORMULATIONS	25	51	76	1
7	T3107	PHARMACOLOGY-II LAB	28	61	89	1
8	T3108	PHARMACEUTICAL ANALYSIS LAB	28	64	92	1
9	T3109	PHARMACOTHERAPEUTICS-II LAB	26	58	84	1
10	T3110	MEDICINAL CHEMISTRY LAB	28	63	91	1
11	T3111	PHARMACEUTICAL FORMULATIONSLAB	27	62	89	1
		Total	296	597	893	11

5.2 Student individual result

Principal Sign
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY GURAJADA V
Dwarapudi, Vizianagaram, Andhra Pradesh - 535003 Controller of Examinations

Student Wise Result - IV B.Pharm II Semester (PCI) Regular April 2023

T5 - Avanthi Institute of Pharmaceutical Sciences

Sl No	HallTicket	Student Name	Branch	Credits	SGPA	Status
1	19T51R0001	ALAJANGI JHANSI	BACHELOR OF PHARMACY -	22	8.45	PASS
2	19T51R0002	ANGULURU JYOTHIRMAI	BACHELOR OF PHARMACY -	22	8.36	PASS
3	19T51R0003	ARAVA NAVEEN	BACHELOR OF PHARMACY -	22	7.36	PASS
4	19T51R0004	BANDARU HANOK HEMANTH KUMAR	BACHELOR OF PHARMACY -	22	7.55	PASS
5	19T51R0005	BANDARU Rama kala	BACHELOR OF PHARMACY -	22	7.91	PASS
6	19T51R0006	Bankapalli Sai Rajitha	BACHELOR OF PHARMACY -	22	8.09	PASS
7	19T51R0007	Behara Durga Sampath Bhavana	BACHELOR OF PHARMACY -	22	7.18	PASS
8	19T51R0008	BIDDIKA PRASANTH KUMAR	BACHELOR OF PHARMACY -	22	8.36	PASS
9	19T51R0009	Bodapati Kaveri	BACHELOR OF PHARMACY -	22	8.09	PASS
10	19T51R0010	BODDU MARY MANI	BACHELOR OF PHARMACY -	22	8.09	PASS
11	19T51R0011	BOGI PRADEEP	BACHELOR OF PHARMACY -	22	7.73	PASS
12	19T51R0012	BOLLI BINDHUSRI	BACHELOR OF PHARMACY -	22	8.36	PASS
13	19T51R0013	BONTALAKOTI SHESHADRIMANI	BACHELOR OF PHARMACY -	22	8.55	PASS
14	19T51R0014	Bonula Saikumar	BACHELOR OF PHARMACY -	22	7.73	PASS
15	19T51R0015	BOSI RAJKUMAR	BACHELOR OF PHARMACY -	22	7.91	PASS
16	19T51R0017	Buddala kasturi	BACHELOR OF PHARMACY -	22	7.82	PASS
17	19T51R0018	BUDUMURU GAYATRI	BACHELOR OF PHARMACY -	22	8.36	PASS
18	19T51R0019	BURADHAPATI GOPALA KRISHNA	BACHELOR OF PHARMACY -	22	8.18	PASS

5.3 Department wise result for a particular semester in a year

PRINCIPAL
Avanthi Institute of Pharmaceutical Sciences
Cherukupally (V), Bhogapuram Mandal
Vizianagaram Dt., - 531162