



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Reg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

6.2.2 Implementation of e-governance in areas of operation.

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

CONTENTS

S.No	Description
1	ERP Policy
2	Administration ERP in Recording Attendance, CCTV
3	FINANCE AND ACCOUNTS Fee Collections & Fee payment receipt generation entry FOCUS & MCB (My Class Board)
4	STUDENTS ADMISSION AND SUPPORT Online Fee payment portal for Students, ERP in Library
5	EXAMINATIONS JNTUH Web Portals

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❖ Finance and Accounts

Enterprise Resource Planning (ERP) of Avanthi Institute of Engineering and Technology for Finance and Accounts includes the usage of two software - My Class Board and FOCUS which are 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.

» My Class Board:

Avanthi Institute of Engineering and Technology uses a very powerful tool for Financial Management. My Class Board is a cloud based tool which can be used from anywhere in the world. This tool is secured with use of password and is restricted to very little number of users. This technology facilitates the fee management, scholarship assignment and fund transfers in the same portal.

» FOCUS:

Avanthi Institute of Engineering and Technology 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 Engineering and Technology 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.

❖ Online fee payment portal:

Avanthi Institute of Engineering and Technology holds a payment portal in its webpage facilitating the students to pay fee online without delay and avoiding queues.

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❖ Online Admission forms:

Avanthi Institute of Engineering and Technology through its website facilitates Admission forms for the enquiry of the available seats in the college.

❖ Feed back:

Avanthi Institute of Engineering and Technology 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 Resource Planning (ERP) of Avanthi Institute of Engineering and Technology for Examinations includes the use of Avanthi portal where student, faculty and 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. Avanthi institute of Engineering and Technology also host the notification section in which academic results and calendars are updated.

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ERP POLICY

Avanthi Institute of Engineering and Technology 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 ERP system. For security of the data, Avanthi Institute of Engineering and Technology ensures the each and every ERP tool used in the Institution is secured with a unique user ID and password and accessibility of the tools is restricted to limited users.

The Enterprise resource planning (ERP) of Avanthi Institute of Engineering and Technology consists of a portal: <https://aietg.ac.in/> that functions the smooth functioning of the academic activities of the college. These enable three types of users- Developer, Admin and Student to access the portal .Each user can access the portal only through User name and password.

- **Developer Login**

Only accessible to the S/W developer through a unique user id and password. Through this login developer can perform all the animation to the portal when ever required.

- ▶ **File Uploading:**

Files such as Academic timetables, examination schedules, Results, Academic calendars, important notifications will be uploaded.



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► Student wise result:

Students result changes whenever he attempts an exam. This should be updated on a regular basis

► Department wise result:

For the Analysis of the result for a semester with respect to a particular Department, result is organized considering the strength of the student in every year.

2. ADMINISTRATION

Avanthi Institute of Engineering and Technology, uses Enterprise Resource Planning (ERP) tools for attendance, Library, Grievance reporting and Surveillance. Biometric Fingerprint attendance system, Library management system, web-page enabled grievance reporting and Surveillance system. These tools help 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 a 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 Engineering and Technology will always be the first in the usage of modern technology to minimize the human effort and make the jobs much easier than before. In its campus there is a **Biometric Finger print attendance system** installed to monitor the attendance of the staff which in turn can be used for monthly salary calculations. On an addition, as per the instructions issued from TSCHE,

2.1.1. Attendance acquisition through Biometric

Avanthi Institute of Engineering and Technology looks towards Biometric finger print attendance systems as a reliable way of collecting the attendance without any proxy or flaws.

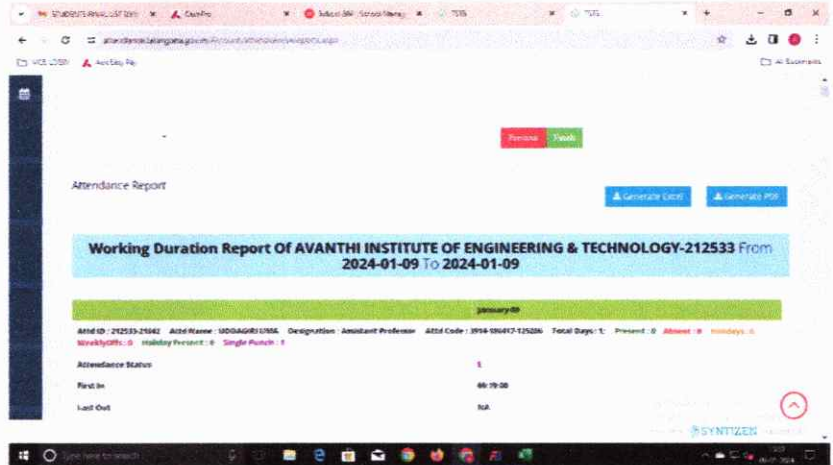
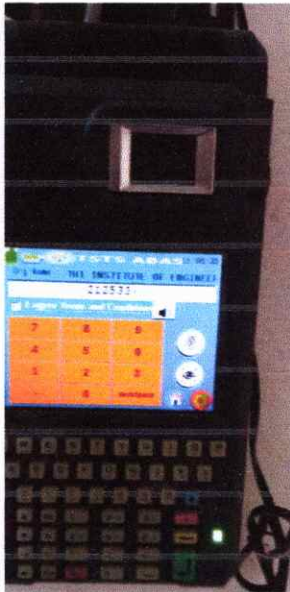
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This system provides us with a recorded data along with time stamp which makes the work simple and reliable.



Staff Bio Metric Attendance



CCTV


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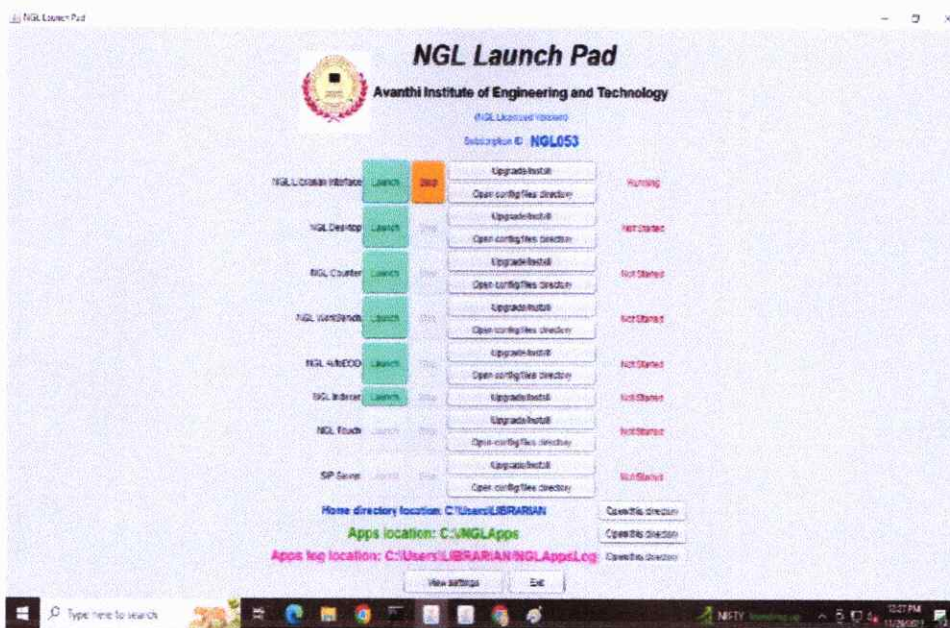
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2.1 ERP in Library

Avanthi Institute of Engineering and Technology always looks forward to the use of advanced tools to facilitate the simplification of Job and for the data management which builds up in largemultiples every academic year





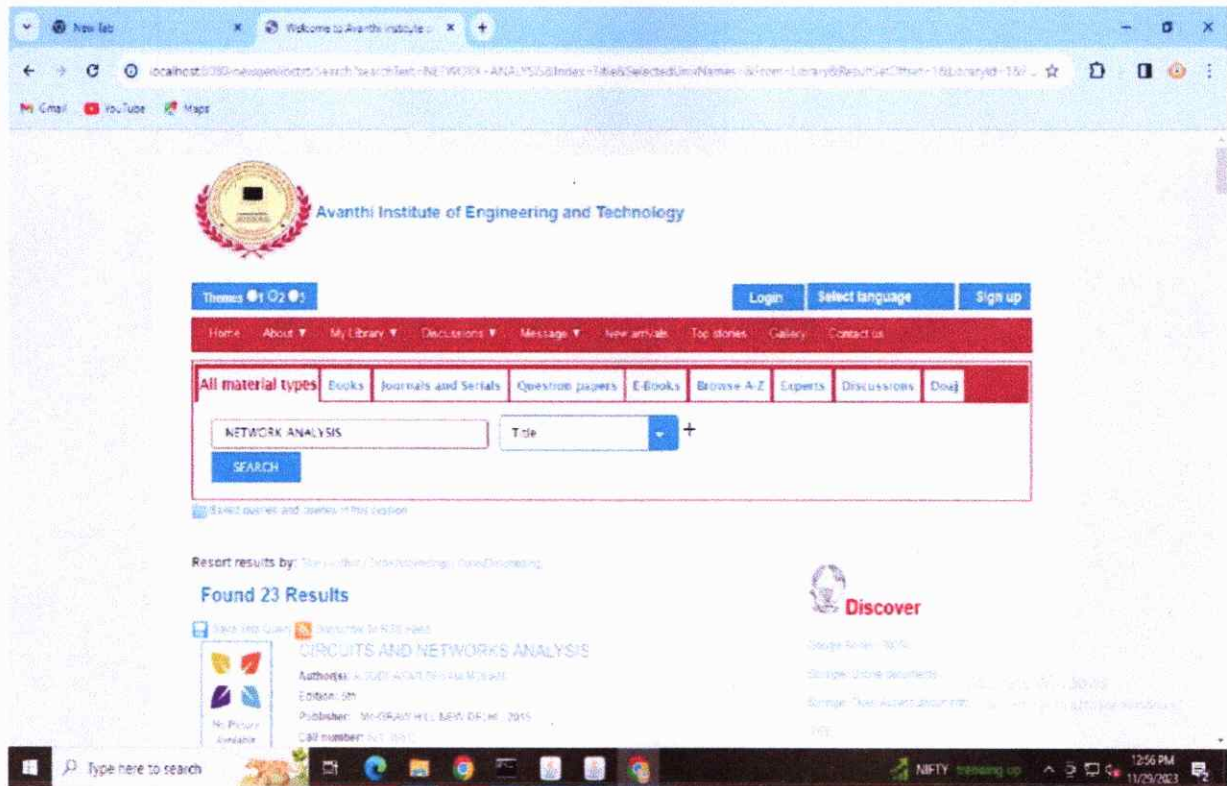
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Camera placed in the corridor

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Showing Common View



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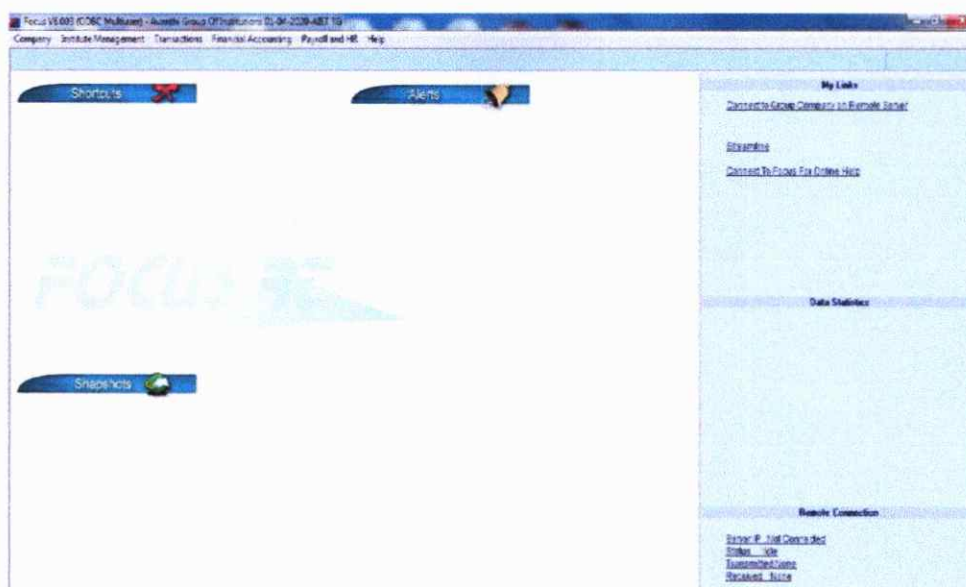
3. FINANCE AND ACCOUNTS

Avanthi Institute of Engineering and Technology 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 of software **FOCUS** were used.

3.2 . 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 Engineering and Technology 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 receipts.

Main Page as with open the Application



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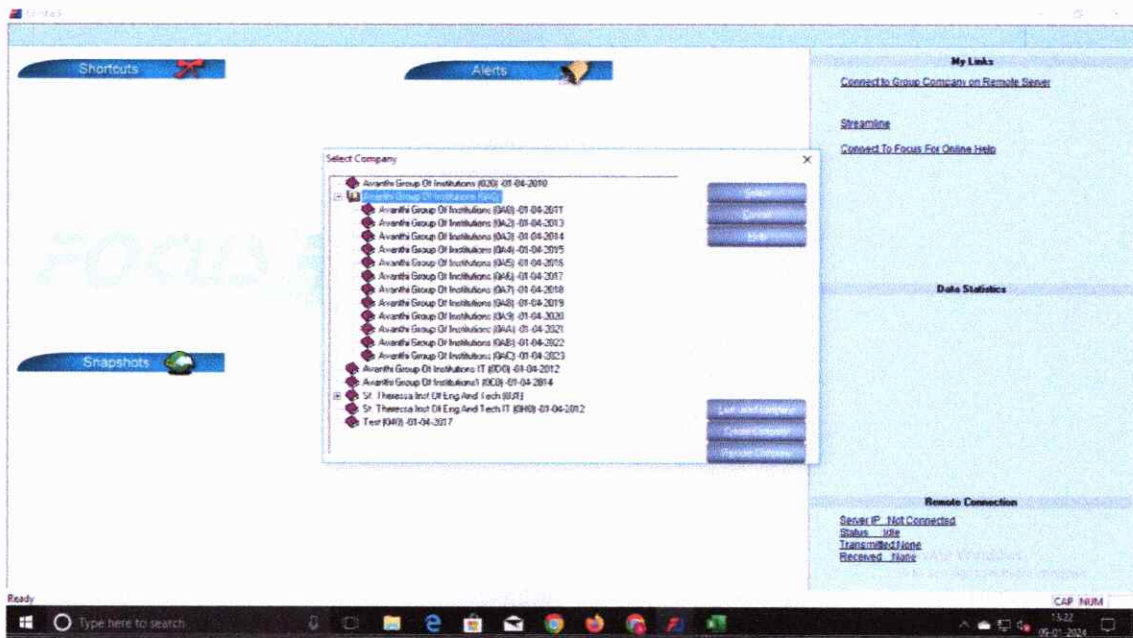
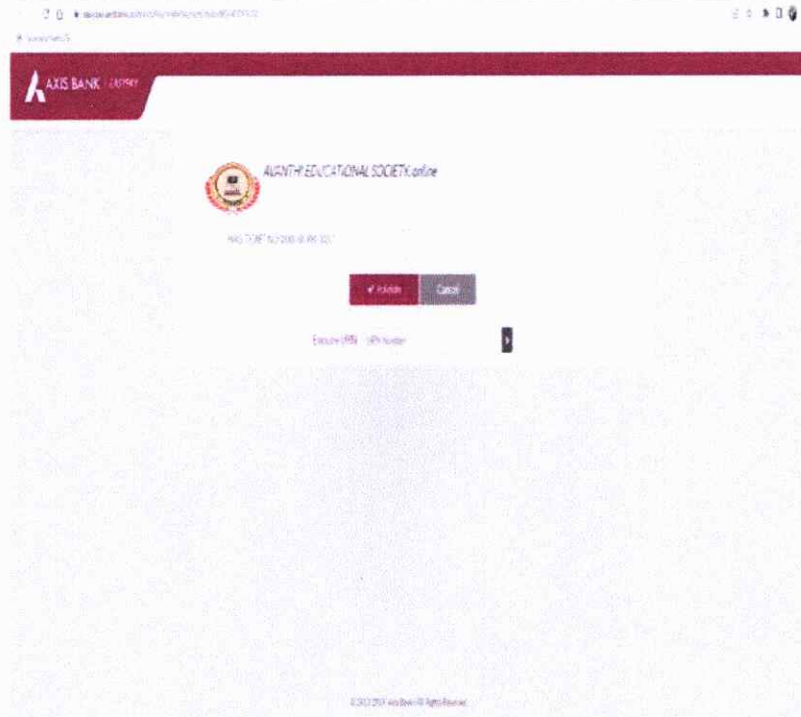
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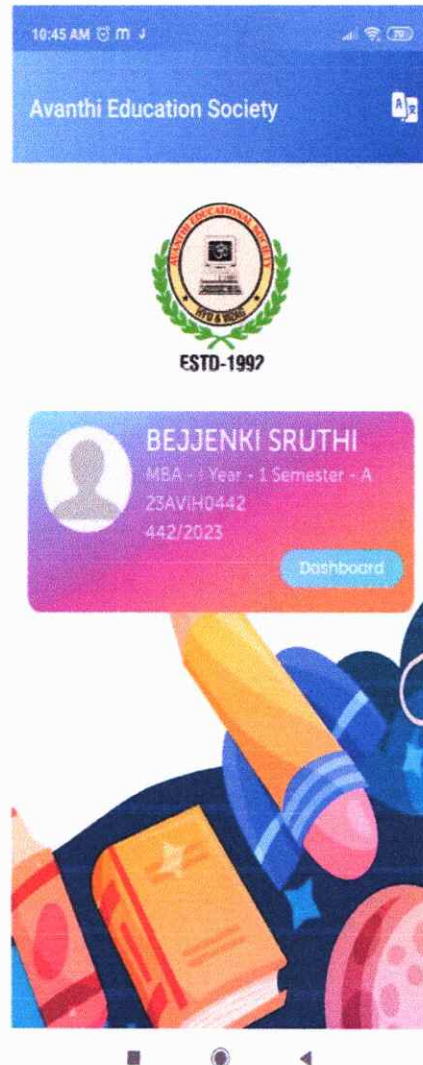
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4. STUDENTS ADMISSION AND SUPPORT

Avanthi Institute of Engineering and Technology 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; 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




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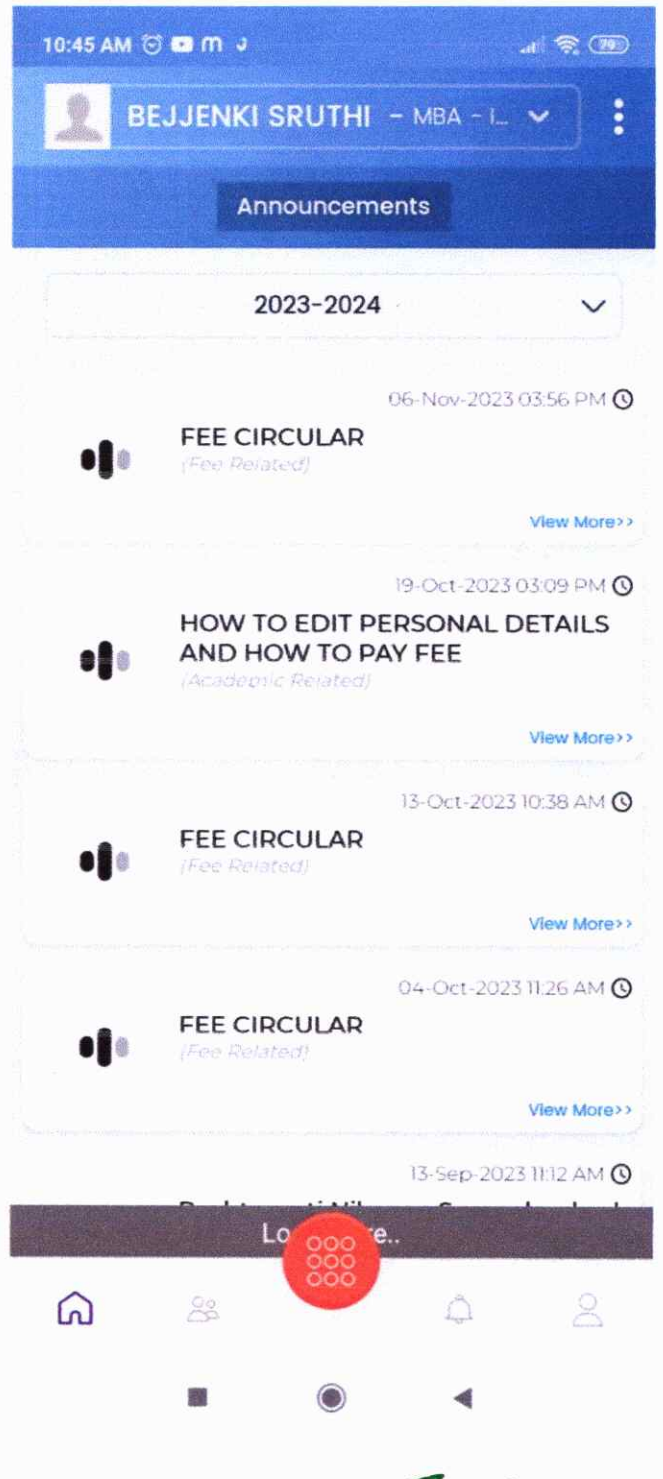
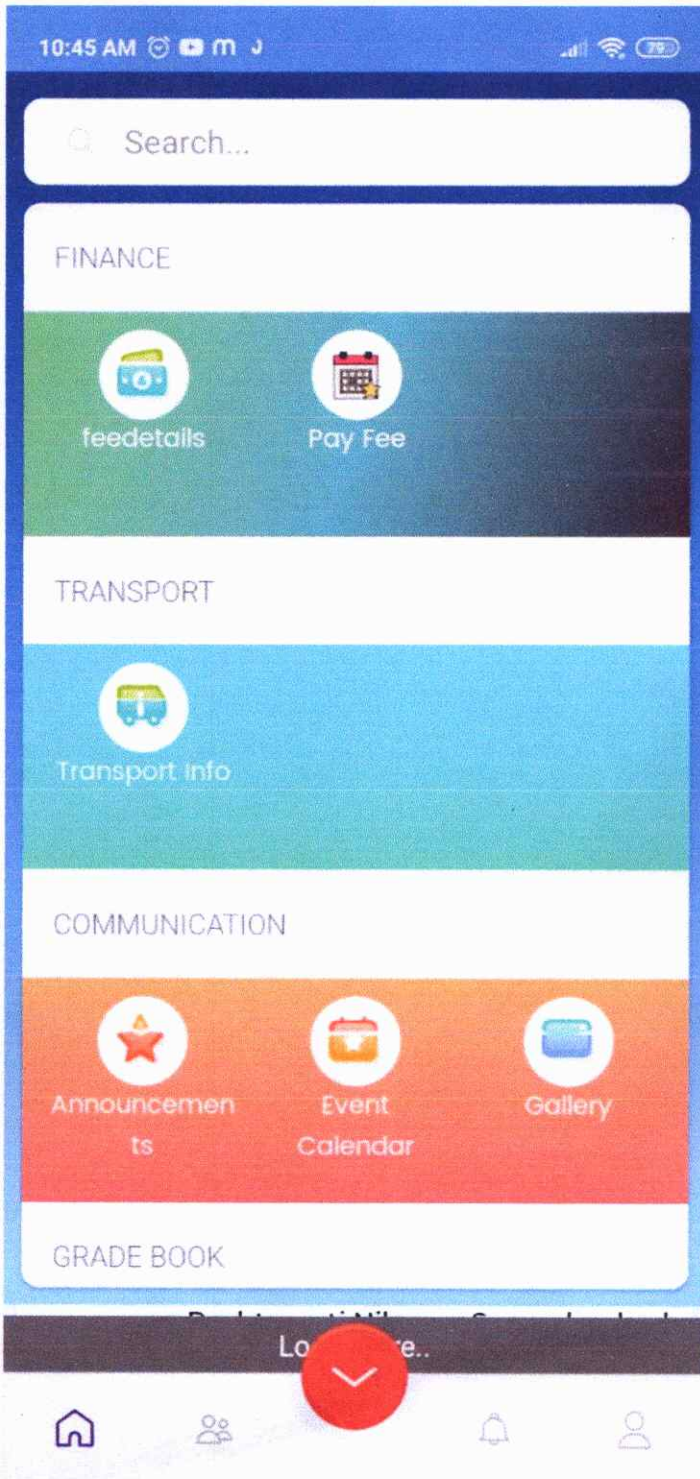
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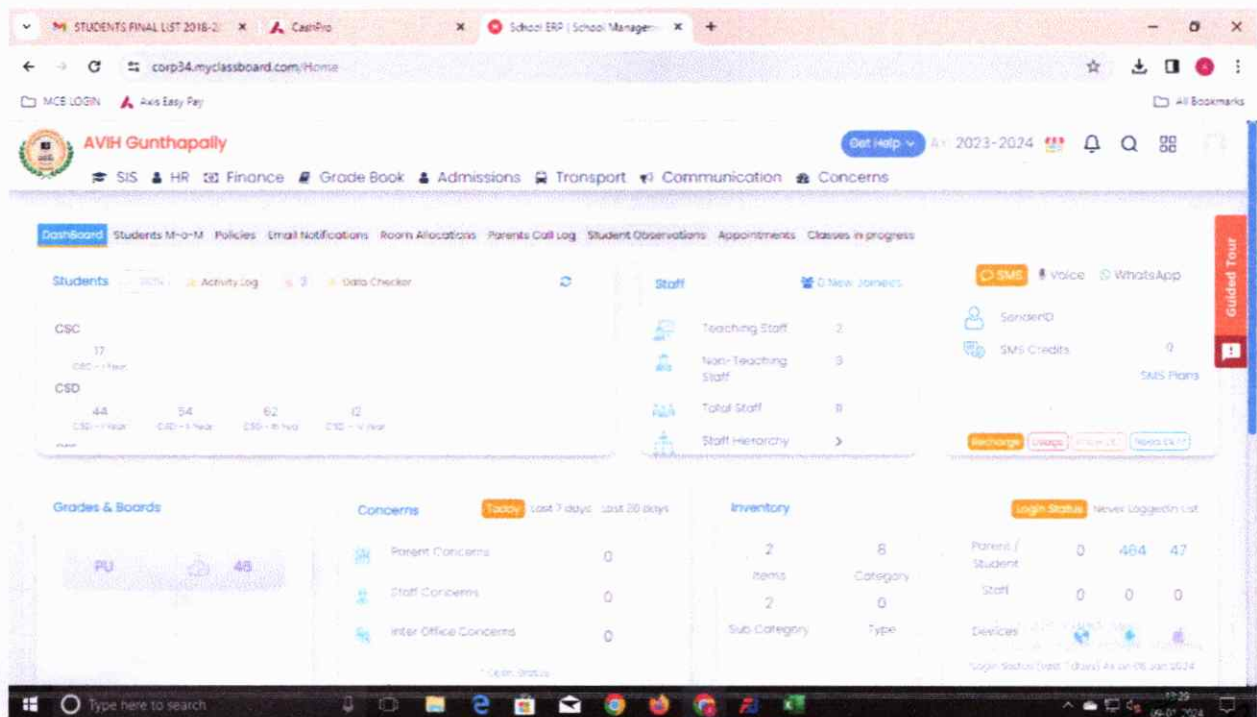
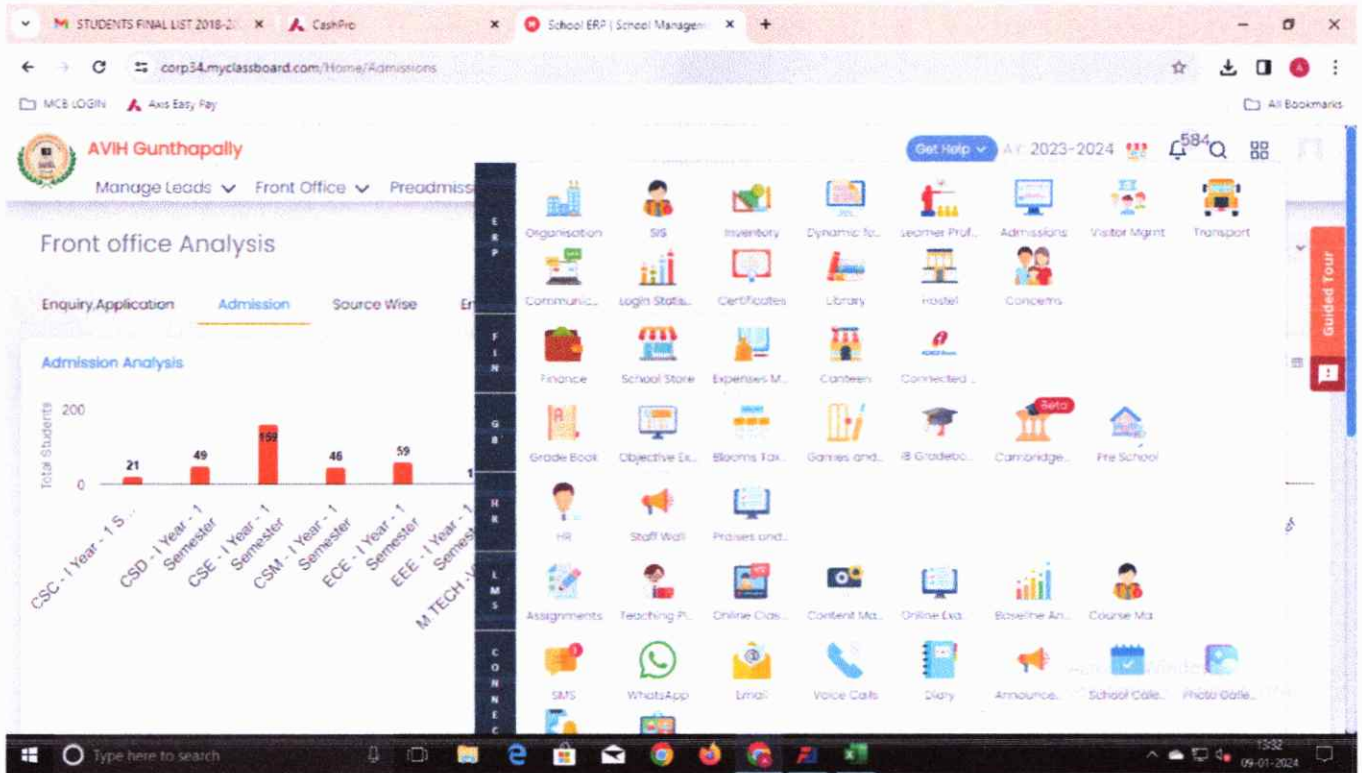
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Academic Year	Type of Fee	Total	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024
2023-2024	Misc. Fees	₹59,720.50	₹1,100.00	₹9,000.00	₹37,989.50	₹4,810.00	₹700.00	₹700.00	₹24,000.00	₹20,000.00	₹20,000.00	₹25,000.00

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5. Examinations

Avanthi Institute of Engineering and technology 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 "Avanthi Portal" a gateway for storing the exam related data present in the avanthi webpage: <https://aietg.ac.in/> was developed for our Institution by the Department of ComputerScience Engineering.

<https://exams.jntuh.ac.in/Portal/common/logout.action>

<https://jntuh.ac.in/>

<http://registrations.jntuh.ac.in/olrmba>

<http://registrations.jntuh.ac.in/olrbtech>

Enter Your CollegeCode: 06

College Admin

Submit

MESSAGE FROM JNTUH

* Contact Details for SDC--9989980170, 9704033577 and email to : support.registrations@jntuh.ac.in

* Special Supply(One-Time-Chance) Exams Hasitickets published in respective registrations portals.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY-1

UserName: admin_06

Password: _____

Sign In



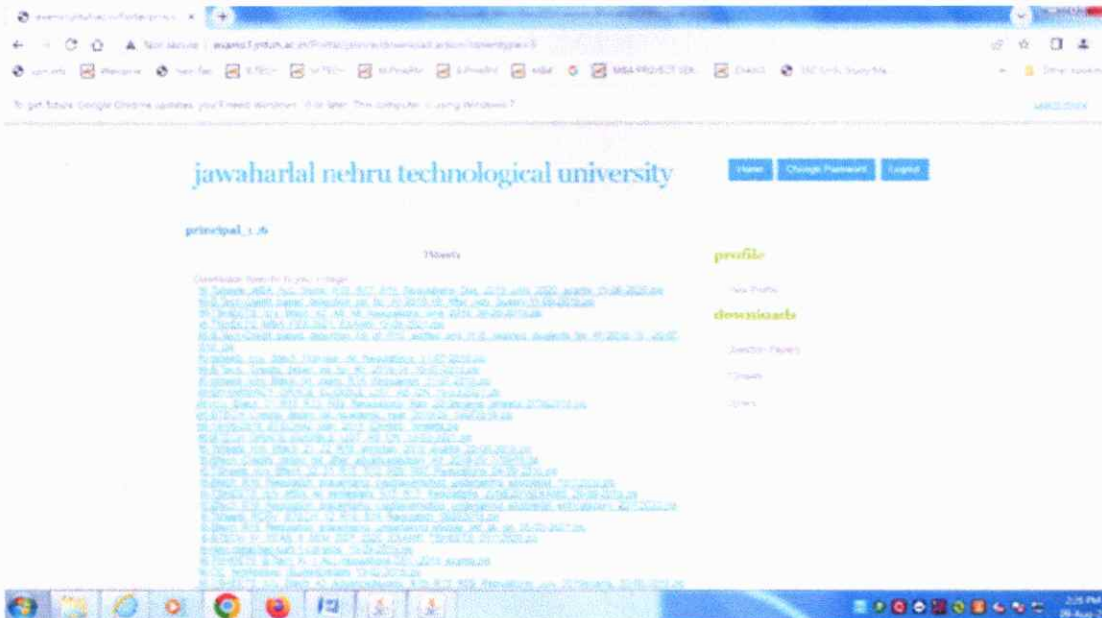
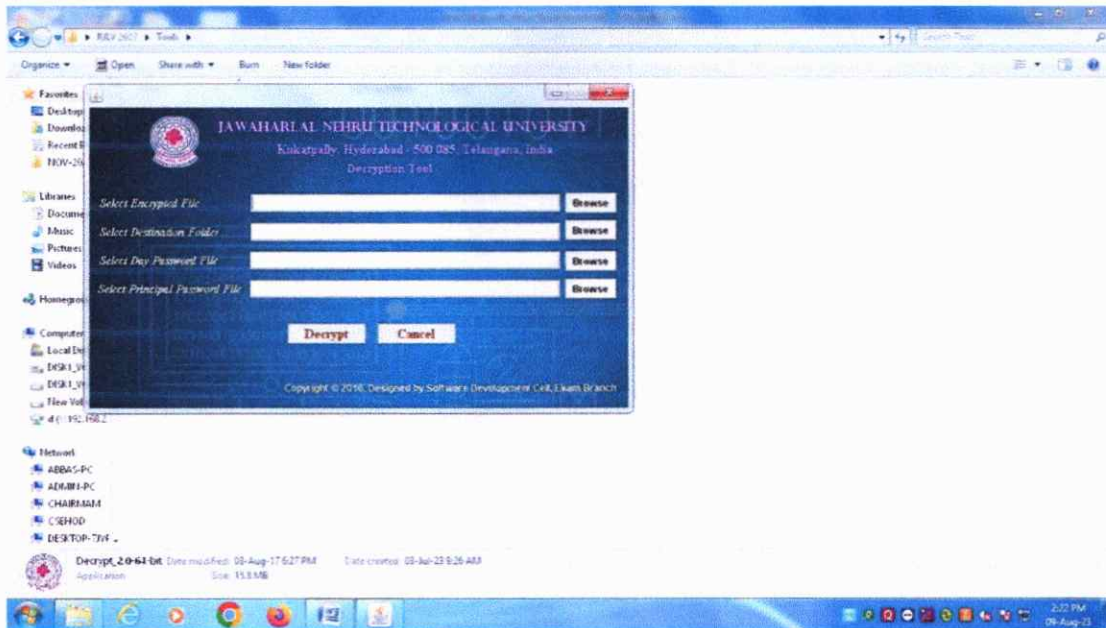
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Avanthi Institute of Engineering & Technology is implementing the e-governance in following areas of operation

1. Administration
2. Finance and accounts
3. Student admission and support
4. Examination

1. Implementation of e governance in areas of administration

To communicate, college staff members use social apps embedded into their smart phones, such as Gmail and WhatsApp. Following classes, a WhatsApp group serves to deliver concise alerts of any events that will take place at college campus. Students may send their electronic copies of assignments to the provided email addresses. In addition, professors can give students mail addresses for study materials via his/her personal e-mail or WhatsApp groups.

2. Implementation of e-governance in areas of operation finance and accounts

Faculty & staff salaries are paid digitally through banking transactions. Only students use cash, a UPI, or an online mechanism to pay their admissions fees. Every scholarship payment is made electronically. According to the scholarship scheme, students must have an account number that is linked to both their mobile and Aadhar numbers.

3. Implementation of e-governance in areas of operation student admission and support

The university determines the admissions procedure. The applicant comes for admission separately wherever they wish to be admitted if there is a centralized system of admission that allows students to apply for admission online. The admissions merit list is published on the college website. Also, the college uses a software-based, systematic process to distribute books from its library.

4. Implementation of e governance in areas of operation examination

Annual and semester examination are conducted by the university using decrypted question paper sent through email or College follows according to its instructions. All the internal and external marks are updated in university portal as well as in college ERP software

It can be consider that a major improvement has been taken place in the various e-governance operations which is a sign of overall enhancement of institution performance

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Sl.No	Area of E-governance	Details of Vendor	Year of Implementation	Description
1	Administration	Vision Tek	2018	<ul style="list-style-type: none">• Recording of Bio Metric Attendance• CCTV monitoring
2	Finance and Accounts	FOCUS & MCB	2012	<ul style="list-style-type: none">• Student fee Payments and Receipts• Institutions Finance Management• Vendor Payments• All Digital Payments
3	Student Admission and Support	MCB (My Class Board)	2022	<ul style="list-style-type: none">• Student daily report• Fee Payments• Message service• Circulars notices• Admission support
4	Examination	JNTUH, Hyderabad Exam Portal	2010	<ul style="list-style-type: none">• Conduct of Exams• Results• Exam Registrations• Student profile registration• Exam Notices and announcements• Marks uploading

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