

ERP DOCUMENT FOR E-GOVERNANCE

VIGNAN PHARMACY COLLEGE

(Approved by AICTE, PCI & Affiliated to JNTU Kakinada) Vadlamudi, Chebrolu Mandal, Guntur (Dt.)

Andhra Pradesh-522213

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Vignan Pharmacy College
VADLAMUDI, GUNTUR(Dt.)-522213



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Principal
Vignan Pharmacy College
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INTRODUCTION:

Electronic governance enhances quick passage of data, easy and accurate information dissemination, perfect administration and above all transparency in the field of academics. In view of realizing the defined vision and mission of the Institution and making it stand on par with the expectations of our stake holders, VPC is committed to implement e-governance.

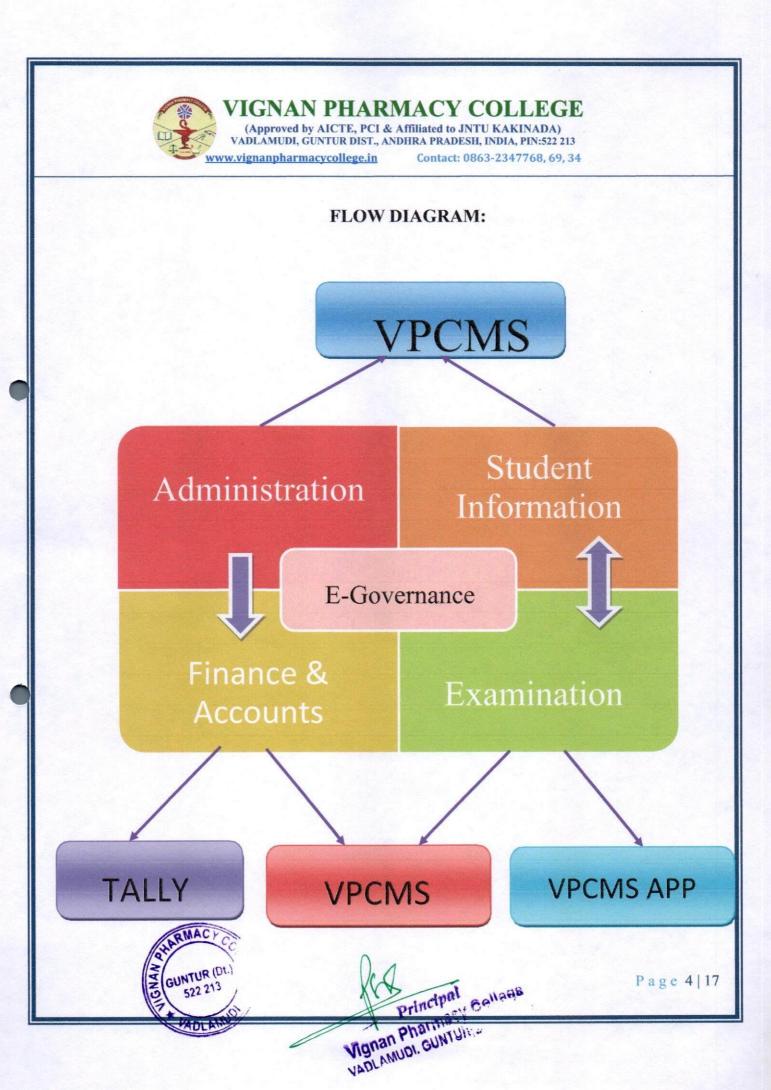
The E-governance policy enables the stake holders of VPC to access any information related to admissions, departments, placements, Fee - Structure, Student Support Systems. It allows various departments to access, update (entering results of students' time to time, allowing to change other particulars like changes in address, phone numbers, aggregate, attendance, build student schedules) and categorizes them into groups based on need and present the data base related to students' seamlessly. It provides a vivid picture of all the records and thus saves time and reduces the ambiguity in transactions by curtailing the unwanted channels.

Accurate time management (bio- hours), academic class work (Hourly Audit of subject wise hours taken) and compare against the planned is possible through the Faculty Leave Recording in an apt professional manner. Deviation if any will be immediately compensated with in no time. Thus it gives the true picture of effective hours of academic delivery.

Library information system enhances the possibility of tracing and taking the required books according to student needs. It not only enables the students to avail books and materials but also gives an opportunity to assess the character, candidature and interests of the wards. Besides catering the needs of the students it also supports the faculty to go through the different journals and volumes both on and offline.



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1. ADMINISTRATION:

In Administration system, the leaves and biometric information of all staff members are captured and processed through an in-house developed portal named as Vignan Pharmacy College Management System (VPCMS). VPCMS maintains Employee profiles, leaves management, variance reports and staff daily work load details etc.

a) Staff Details:

List of actions performed at Office Manager login,

- Addition of staff details like Employee Id, Name of the Employee, Date of birth, Gender, Designation, Educational qualifications, Contact details, Previous work experience, Date of joining, Address and staff finance details like bank account number, PAN number.
- 2. Edit the employee particulars in case of change of designation and any other details.
- 3. Staff can update their profiles using their login id and password in VPC.





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b) Employee Wise Leaves Report:

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ACADEMICS FEE PAYMENTS			ADMINISTRATION LIBRARY		OMISSION ACEMENT			CENTRAL S	TORES	CORRESPONDENCE TRANSPORT	▶ EXAMINATIONS
Welcome Administrator STAFF M ADDITIONAL WORK		EMPLOYEE DE	TAILS			S	sarch	Chang	e Passwo	rd	Log O
M ASSIGNMENTS	30	Personal Details	Qualification Details	Experie	nce Deta	sits	Other Details	Family	Details	Certificates	
M ATTENDANCE DOWNLOAD		Emp.Code	VPCV000006								
CERTIFICATES	"	Emp.Name	Dr.P.Strinivasa Balbu								
CHECKLIST	30	Short Name									
DESIGNATIONS		Gender		Male		~					
EMPLOYEE	30	200.000						4072			
INCREMENT	30	Date Of Birth		04	*	Jar	•	1972	~		
LEAVE MANAGEMENT	30	Married		O Married			Unmarried				
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# SEARCH											
STAFF VS COURSES	-	Department		Pharmac	1			~			
		Correspondence A	ddress								
		Phone									

Outcome:

By using VPCMS, Staff data base, Timely updates in staff profiles, automated leave process, working hours report for individuals and institute as a whole can be easily maintained by Administrative office. Moreover, this data can be accessed by any individual staff member or head of the dept or the principal at any point of time through VPCMS portal (10.0.4.1:8090/dept). This automated system is very helpful for the easy and speedy calculation of leaves. LOPs and variance reports can also be generated from the data collected through VPCMS. It saves much of time to administrative office.

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2. FINANCE AND ACCOUNTS:

Finance section pays salaries to all the college staff as per the information given by the administrative office which was collected from VPCMS portal. On the other hand, Finance section collects all sorts of fees and manages record of whole transactions. Students/parents can pay any sort of admission, term, annual, examination fee through challan either in person or online. These challans were entered and updated by the accountants in conventional software. Account section maintains entire income and expenditure bills using Tally-ERP9 software. Online transactions are done using QR code given below.





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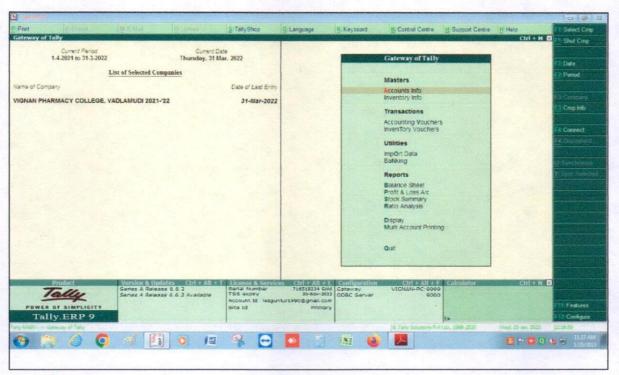
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Outcome:

The Institution undergoes a transparent process of funds management using the automated e-finance mechanism. The receipts by name, fee and all the payments like salaries, recurring and capital expenses, are all documented stringently by using the Tally software. It also saves lot of time to Finance and Account section.

3. STUDENT INFORMATION:

The entire student information such as student data base, Attendance, internal evaluation are maintained electronically with the help of in-house developed VPCMS portal. This facilitates role based access to various users like department data entry operators (DEO), staff members, Heads of departments (HOD) and examination cell coordinators.

a) Student data base:

Students details such as Course, Stream, Year-Section, Registered number, Name, Parent phone number, Address are entered in VPCMS portal and there is a provision for addition, deletion and easy-tracking.

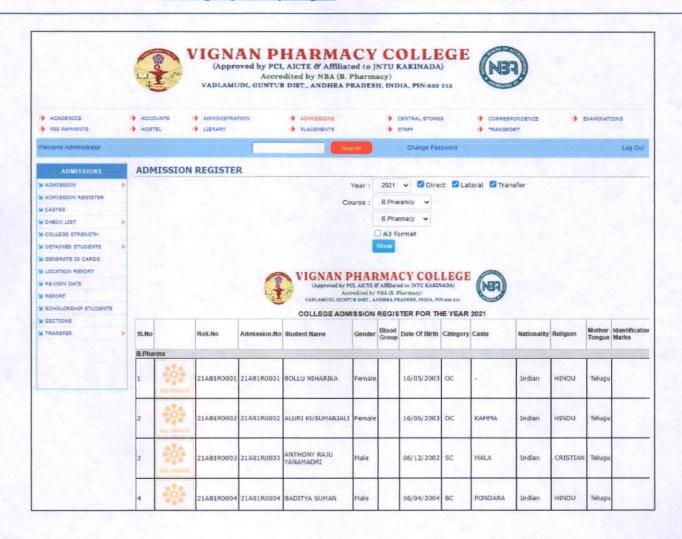


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b) Students' Attendance management:

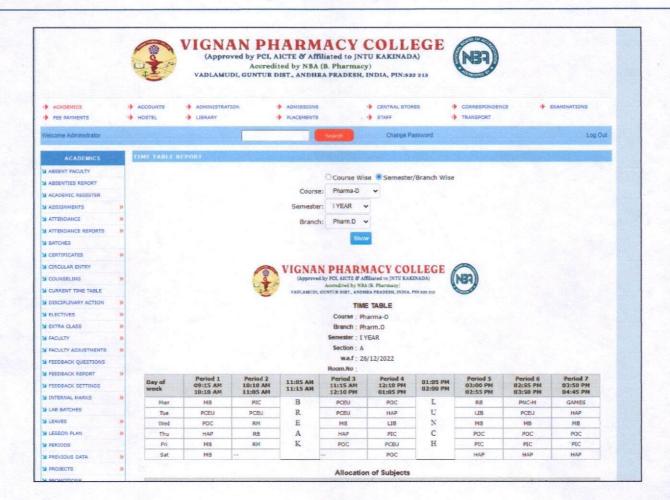
Student's attendance is entered daily after the completion of each class in VPCMS portal and an automated SMS will be sent to absentee's parents' phone number at the end of every working day. Overall attendance percentage can be calculated. Subject wise monthly-consolidated attendance reports can be created and students' attendance can be monitored easily.



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c) Library Utilization:

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Professional students mostly depend on library as a major information resource to enhance their knowledge levels. VPCMS uses ezLIB for the automation of the entire library system. ezLIB establishes an advanced Digital Library system, which enables the stakeholders to perform necessary library activities such as lending books, Magazines, CD's and journals in an efficient and effective manner.

The ezLIB is also helpful for the librarian to generate flexi report to know the cost of books and number of books. It also creates the bill particulars whenever needed. It also facilitates to prepare quotation and mail to vendors for new books to be purchased. The diagrammatic

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representation of resources can also be shown by ezLIB.

The ezLIB Administrator initially creates accounts to students, staff and issue them individual login id and passwords through which they can access their individual accounts from their work place. They can check the details of books in their accounts at any instance. DEO will enter the details of Books, Journals, CDs, magazines, and account details. Administrator of ezlIB can conduct a poll using create poll module, for identifying new books to be purchased. Account holders can recommend other books also in addition to those kept for poll.

The ezLIB offers various modules for account holders like home, view profile, search, reservations, ebooks, notices, view polls, view mails, suggestion box etc. Moreover it provides advanced searching options such as search by title, author and edition. The account holder can place a request for the book. The time of student entry and exit is also noted using this software.

The modules available in ezLIB are as follows,

- Acquisitions
- Cataloging
- Circulation Control
- Account Maintenance
- Reports
- System Administration
- Utilities
- OPAC
- Help

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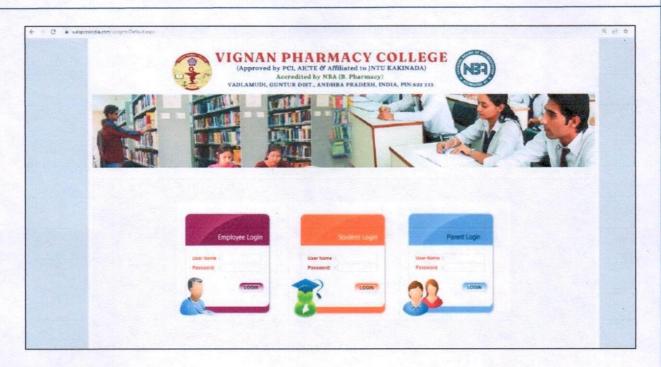


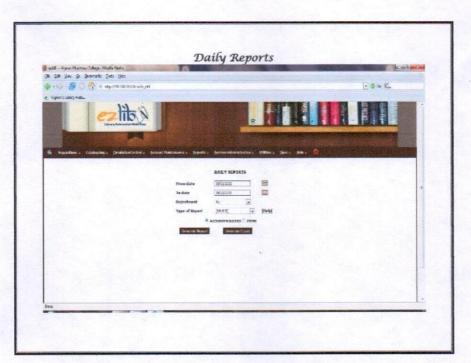
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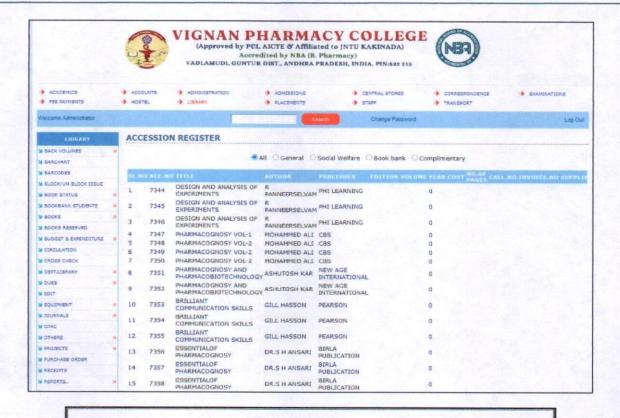


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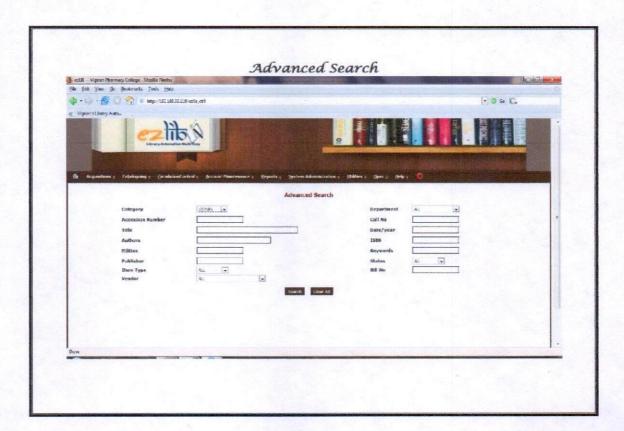
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Outcome:

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ezLIB saves lot of paper as well as time for the library management. It is very much reliable and secure as data loss may occur in paper-based process. The data can be accessible by only authorized people after getting login to the system.

The authorized personnel manage the records pertaining to book issue and return deadlines. The system automatically generates fine amount for late submission of books. As a result, lot of time is saved for library department because of ezLIB.

Books auditing is the main feature in ezLIB from which librarian can come to know which type of books/ Authors are frequently issued to students and to increase those books in volume.

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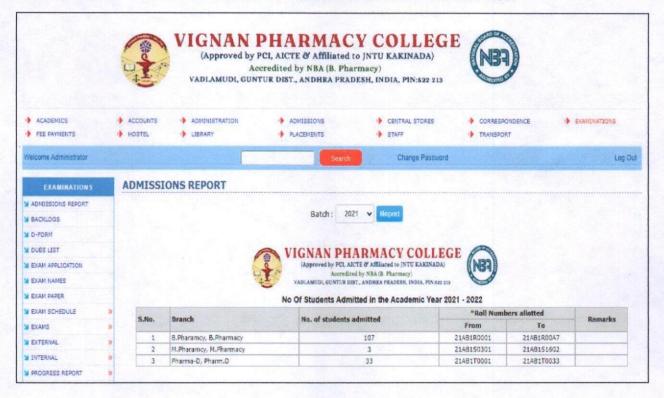
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4. EXAMINATIONS:

In VPCMS there is an independent Examination Cell that authentically uses E-Governance measures at various levels like internal evaluation and external result analysis.

Internal Evaluation:

Internal marks obtained by the students in mid examinations and assignments can be entered by the faculty in VPCMS portal. Students' continuous assessment can be done by monitoring their performance in various exams conducted in a semester. Exams module in VLIMS portal deals with section wise marks entry of various exams as mentioned above and accessible to department data entry operators, staff members, Heads of departments and examination cell coordinators and will be maintained for future reference also.





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Outcome:

By using automated exam cell, all faculty members are entering the marks of students in their respective subjects into the VPCMS portal. Due to the security issues exam cell coordinators will lock the finalized marks and keep them safely for future reference. Only authenticated users such as the Principal, HOD, Faculty and DEO can view those marks for continuous assessment of students. It leads to improvement of accuracy and security in examination section activities. The analysis of semester end examinations result can be done within a short span of time using the Vignan pharmacy Android App. It allows Examination Department to save lot of time and resources.

Conclusion:

The integration among the various activities of the all sections such as teaching learning (Academics), Examinations, Finance and Account, Admissions and Student Service is made possible with the E- governance measures. It also encourages paper less documentation completely automated administrative workflow, more productivity with minimum resources, effective data storage and faster retrieval of information. Vignan Pharmacy Information system will serve as an effective tool to maintain the database and to be the authorized person. This project is a user - friendly approach.



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