

# **Guru Nanak Dev Engineering College**

Mailoor Road, Bidar, KA - 585403

Approved by AICTE New Delhi and Affiliated to VTU Belagavi

# **E-GOVERNANCE USING ERP**

## 1) ADMINISTRATION

- a) Leave Management
- b) Admission Tracking
- c) Attendance Tracking
- d) Teaching Plan Tracking
- e) Daily Academic Tracking

The leave management offers all the staff to access the leaves availability, to view applied leaves, cancelled leaves. Staff can avail leaves using the ERP portal all types of leaves for example, casual, on duty, vacation, commuted, earned, etc..

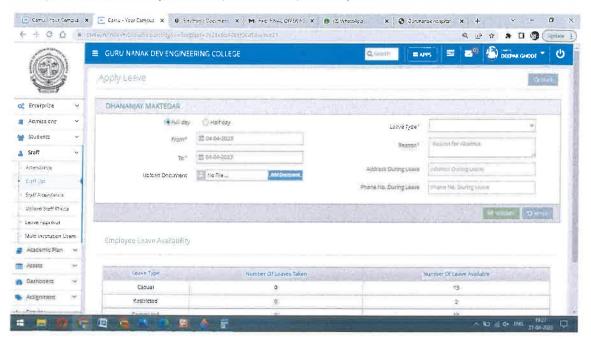


Fig 1.1 Sample screenshot of Leave Management module

The Admission dashboard provides information about the ongoing admission in the college, The Management, The principal, HOD, and admission related faculty can access the data to track the status of ongoing admissions.

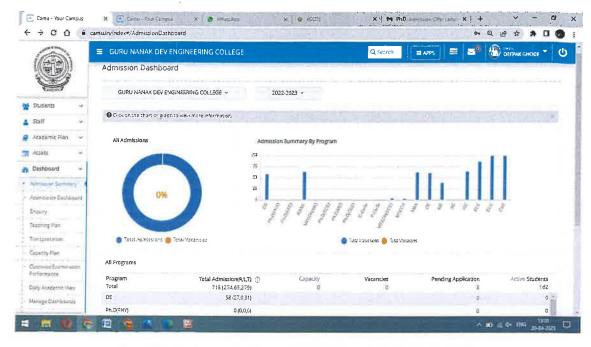


Fig 1.2 Sample screenshot of Admission Summary module

The Attendance dashboard provides information about the daily attendance across all the programs in the college, The Management, The principal, HOD, and attendance related faculty can access the data to track the status of live attendance.

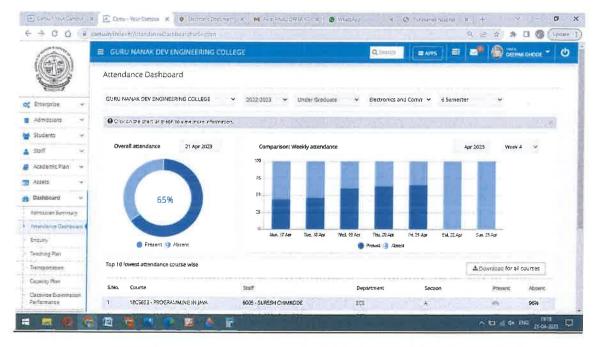


Fig 1.3 Sample screenshot of Attendance Dashboard module

The Teaching Plan dashboard provides information about the progress of the syllabus covered by each and every faculty across all the programs in the college, The Management, The principal, HOD, and admission related faculty can access the data to track the status of teaching plan.

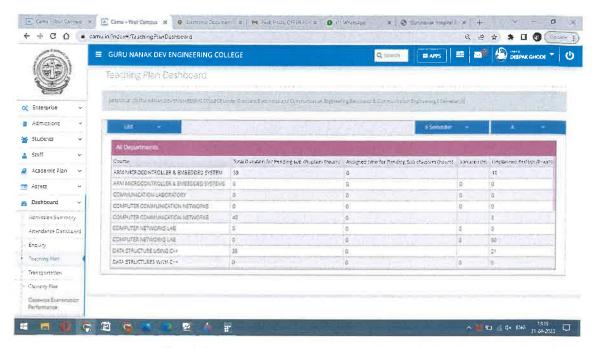


Fig 1.4 Sample screenshot of Teaching Plan dashboard

The Daily Academic View dashboard provides information about the daily teaching progress and daily assignment status across all the programs in the college, The Management, The principal, HOD, and admission related faculty can access the data to track the status of daily academic to monitor & improve the academics.

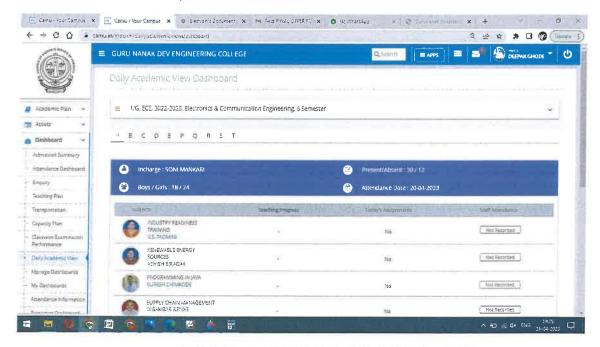


Fig 1.5 Sample screenshot of Daily Academic View

PRINCIPAL
PRINCIPAL
Suru Nanak Dev Engg. College, Bidar

## 2) FINANCE & ACCOUNTS

# a) Billing Scheduling

There are two stages of billing schedules:

# i) Individual Scheduling:

In this mode an individual student billing is scheduled based on the time of admission taken.

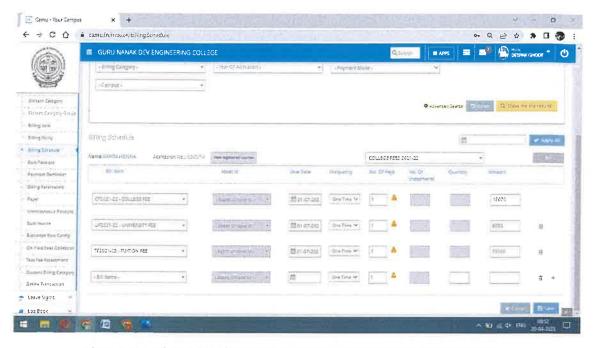
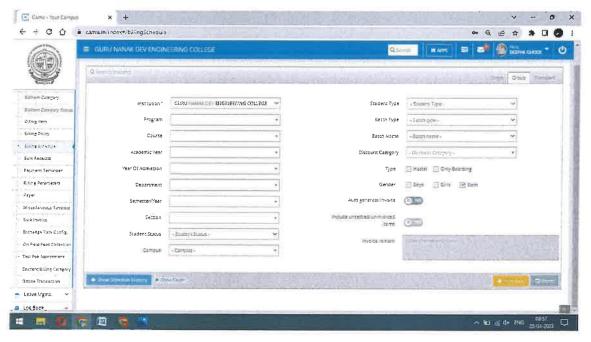


Fig 2.1 Sample screenshot of Billing Schedule for Individual Student

# ii) Group Scheduling

In this mode group of student billing is scheduled based on course and semester selection or entire program at one goes.



Suru Nanak Dev Enyg. College, Sidar

# Fig 2.2 Sample screenshot of Billing Schedule for Student Group (Bulk Scheduling)

# b) Receipt Generation

For every transaction two receipts are generated OFFICIAL & STUDENT COPY. A duplicate copy of receipt can also be issued based on student's request.

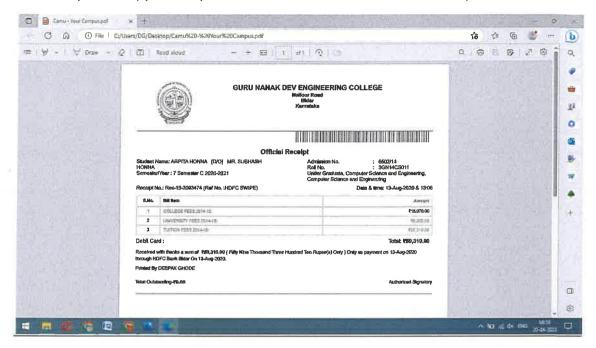


Fig 2.3 Sample screenshot of Student Receipt copy

# c) Discount/ Concession

A concession of said amount decided by management can be placed as a discount against every student who produce a proper document.

G G O File   Cythiaeru/DG/Deelstop/Camurk20-920Yourh20Campus.pdf						电 6 6 9	3
→ † ♥ Dm	Q   CD   Read	aloud -	+ 6   1	er i n i th		0 0 0 0	2 0
		URU NANAK DEV Discount Repo 1-Nov-2022 To 29-		COLLEGE			
Admission No.	Name	Receipt No.	Bill Item	Amount	Reason	otal: ₹3,252,435.00	
8520/21	ROHT.	1223	TUITION FEE	₹10,000.00	Concession By Chairman Sir	By hon'ble Chairman sir concession approved Rs.30,000/- now updated for Ilnd Year 2022-23	
8520/21	ROHIT	1223	COLLEGE FEE	₹13.070.00	Concession By Chairman Sir	By hon'ble Chairman sir concession approved Rs.30,000/- now updated for lind Year 2022-23	
8520/21	ROHIT	1223:	UNIVERSITY FEE	₹8,930.00	Concession By Chalman Sir	By hon'ble Chairman sir concession approved Rs.30,000/- now updated for ilind Year 2022-23	1
			Sub-Total	₹30,000.00			20

PRINCIPAL Curr Manak Dev Enga, College, Ridar

## Fig 2.4 Sample screenshot of Discount/ Concession towards eligible students

### d) Refund

Students who are availing scholarship, student loan or make excess payment towards their tuition fees, college will refund the excess amount based on the documents produced by the student.

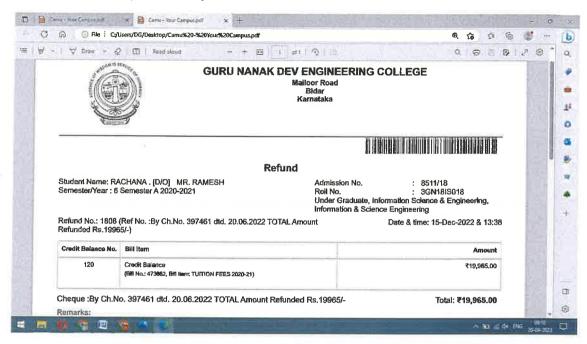


Fig 2.5 Sample screenshot of Refund Receipt issued to Student

## 3) STUDENT ADMISSION & SUPPORT

#### a) Student Admission

Student admission can be processed in OFFLINE and ONLINE mode as per the convenience of the student.

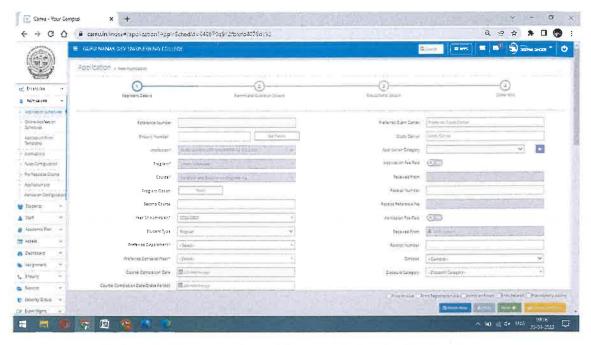


Fig 3.1 Sample screenshot of New Admission Application Form

## b) Student Services/ Support

Students are having access to the following services offered by the college through web portal and app, Web portal (<a href="www.mycamu.co.in">www.mycamu.co.in</a>) App (mycamu):

- a) Attendance
  - Students can access their overall attendance status, subject wise attendance and absent log.
- b) Assignment
  - Students can track the assignment given by the subject teachers and same time they can submit the assignment through online mode, or offline mode.
- c) Exams
  - Students can view the schedules of exam and also can view the results of various internal exams conducted by the college.
- d) Assessment
  - Students can access the assessment portal for attending the assessment set by the subject teacher.
- e) Billing
  - Students can view the bills and also can pay the fees using payment gateway
- f) Time Table
  - Students can access the complete timetable for keeping their schedule upto date.
- g) Teaching Content

Students have access to see the teaching content uploaded by the subject teacher.

Few screenshots of the students portal are displayed as below

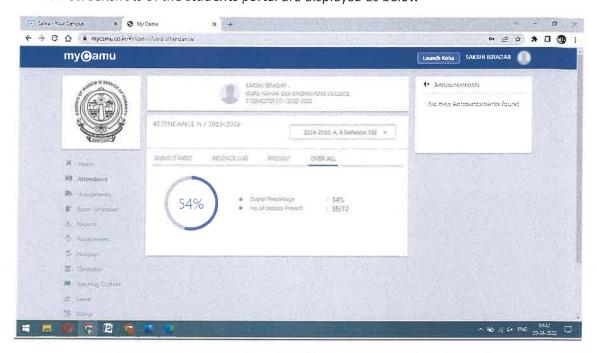


Fig 3.b.1 Sample screenshot of student portal attendance module

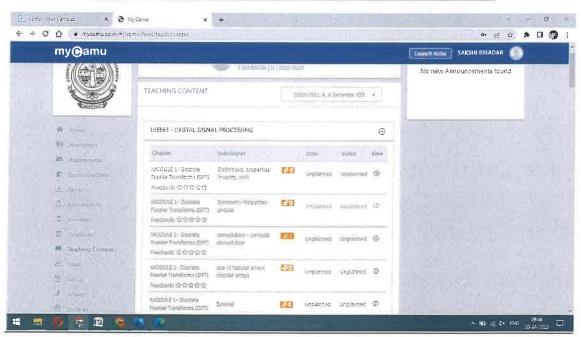


Fig 3.b.2 Sample screenshot of student portal Teaching Content module

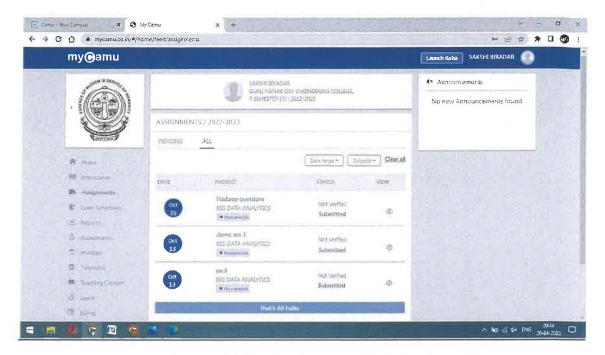


Fig 3.b.3 Sample screenshot of student portal Assignment module

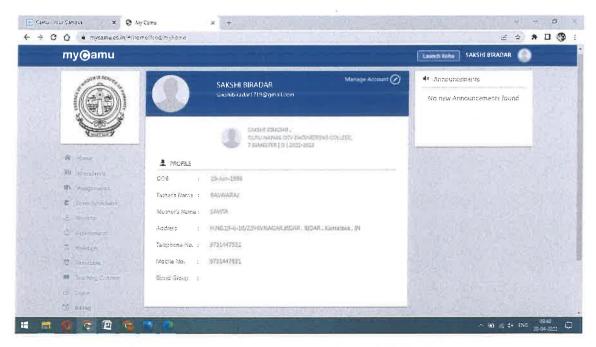


Fig 3.b.4 Sample screenshot of student portal profile information

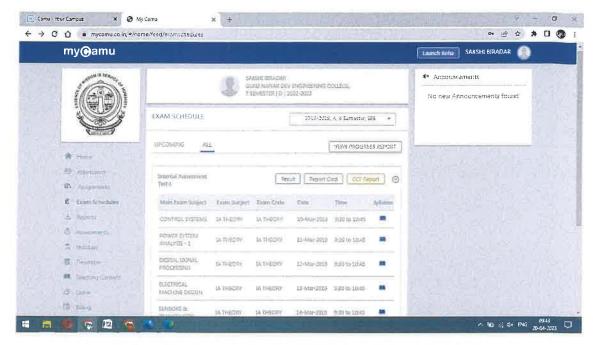


Fig 3.b.5 Sample screenshot of student portal Exam module

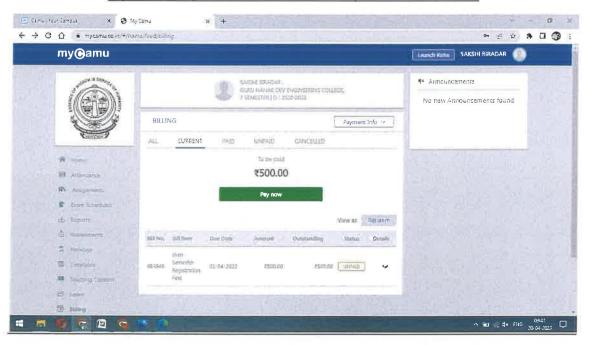


Fig 3.b.6 Sample screenshot of student portal Billing module

#### 4) EXAMINATION

The examination module provides the feasibility to conduct online exams in all the modes and also helps in maintaining the exams records

The below screenshot shows the examination module window using student portal, where a student can take the particular mapped examination.

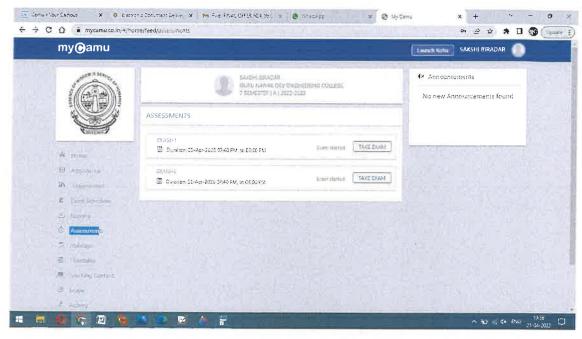


Fig 4.1 Sample screenshot of student portal Exam module (Assessment)

The student can attend the exam (assessment) using the web portal in online mode. At a time all the exams can be scheduled but students can attend the exams as per the scheduled date & time.

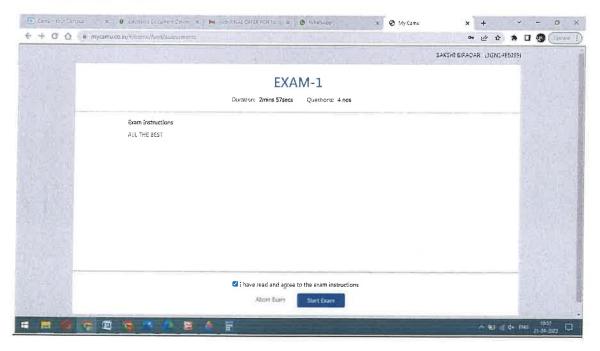


Fig 4.2 Sample screenshot of student portal Exam module start window

# a) Online MCQ Test

Online MCQ test can be scheduled as a part of assessment; the results of the exam are user defined. It can display the result immediately or after completion of exam or it wont display the result.

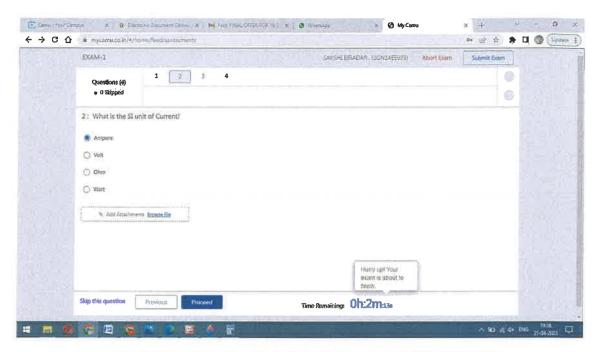


Fig 4.3 Sample screenshot of student portal Online MCQ Test

# b) Online Descriptive Test

Online Descriptive test can be scheduled as a part of assessment; the students can write the answer on the space provided in the same window or students can attach a file in pdf or word formats.

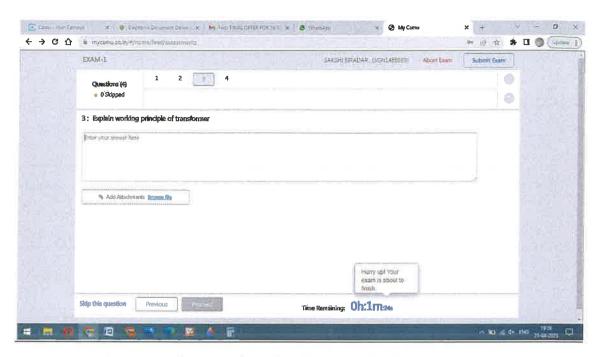


Fig 4.4 Sample screenshot of student portal Online Descriptive Test

# c) Online Programming Test

Online Programming test can be scheduled as a part of assessment; the results of the exam are user defined. It can display the result immediately or after completion of exam or it wont display the result.

The language of program is also user defined.

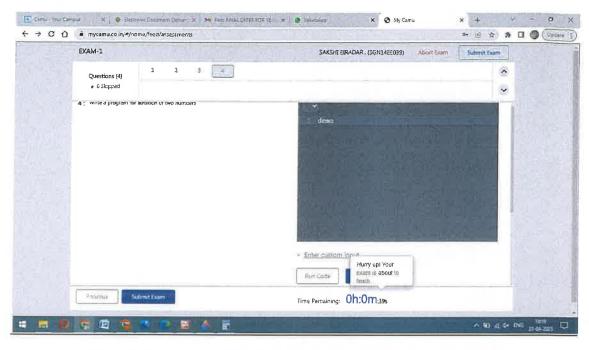


Fig 4.5 Sample screenshot of student portal Online Programming Test

# d) Online Fill In The Blanks Test

Online MCQ test can be scheduled as a part of assessment; the results of the exam are user defined. It can display the result immediately or after completion of exam or it wont display the result.

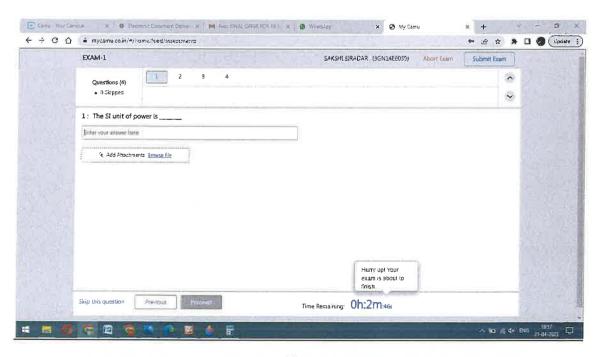


Fig 4.6 Sample screenshot of student portal Online Fill in The Blank Test

After the completion of the exam the pop up window will be displayed.

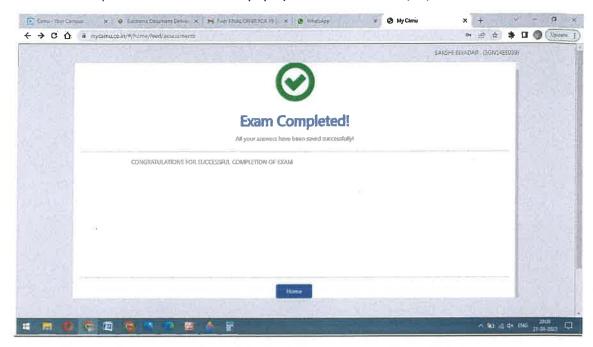


Fig 4.7 Sample screenshot of student portal after completion of exam

# e) IAT/ CIE Marks Data Entry

The staff can enter the result of the exams conducted. Based on the attendance student staff can mark student present or absent. Once the marks are finalized the result will be displayed to the students in web and app portal.

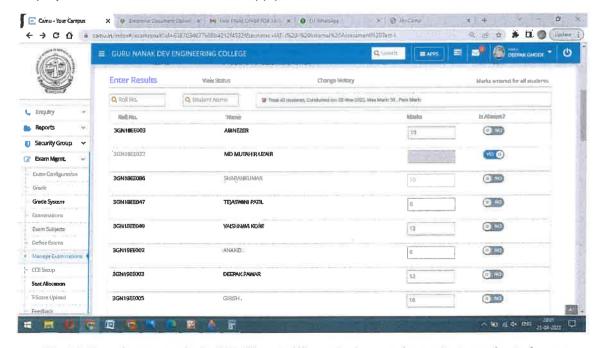
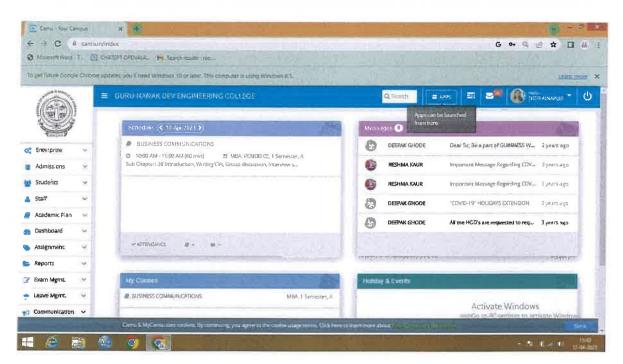


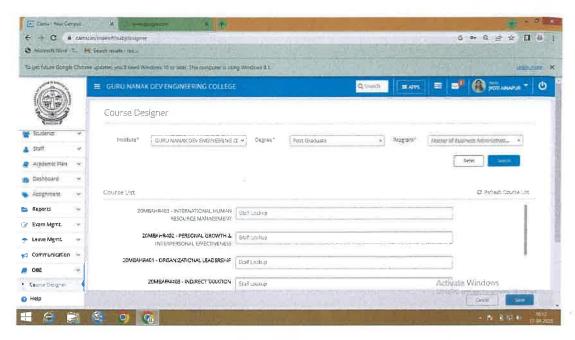
Fig 4.8 Sample screenshot of Staff portal for entering marks against conducted exams

## 5. HOD

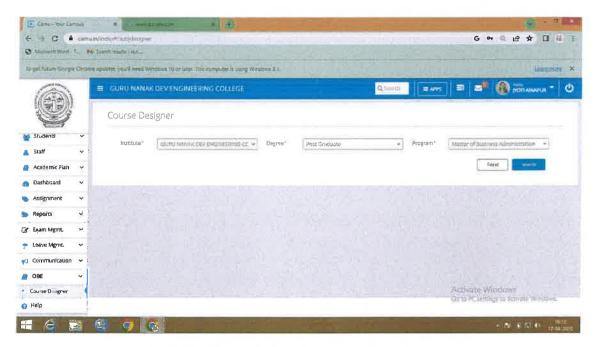
- a) COURSE DESIGN
- b) MESSAGE MODULE
- c) ANNOUNCEMENT
- d) LEAVE MANAGEMENT
- e) GRADE MANAGEMENT
- f) STUDENTS FEEDBACK
- g) EXAM MANAGEMENT
- h) GENERATING REPORT
- i) TEACHING CONTENT
- j) TIME TABLE SCHEDULE
- k) LEAVE MODULE
- I) CLASS ATTENDANCE
- m) STUDENT CONFIDENTIAL MESSAGE
- n) ENROLLMENT LIST



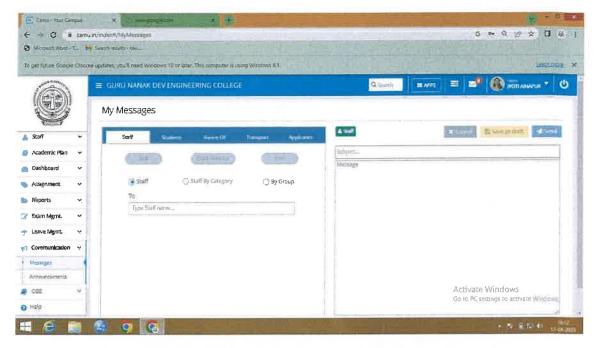
**HOD LOGIN PAGE** 



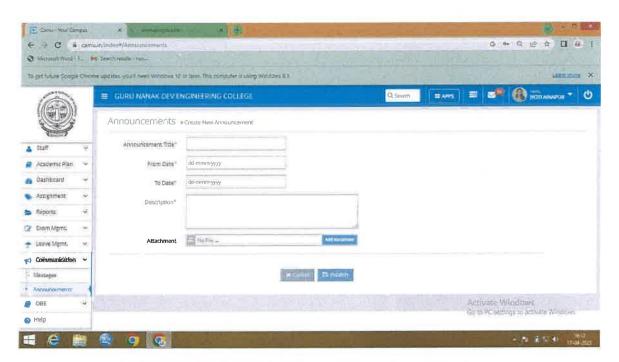
**HOD MODULES** 



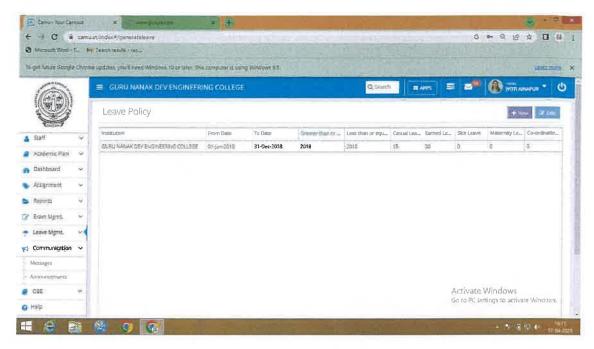
COURSE DESIGN MODULE: HOD can add new Courses



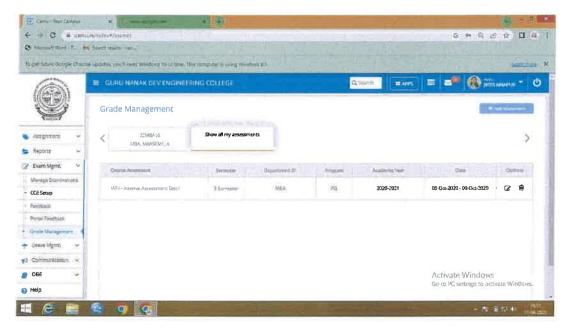
MESSAGE MODULE: HOD can send messages to Staffs, Students Personally



ANNOUNCEMENT MODULE: HOD can Published Announcements

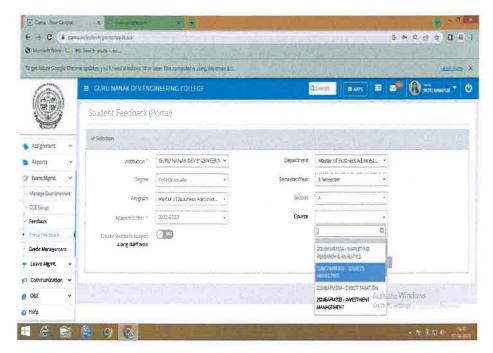


LEAVE MANAGEMENT: HOD can approve Leaves of Staff

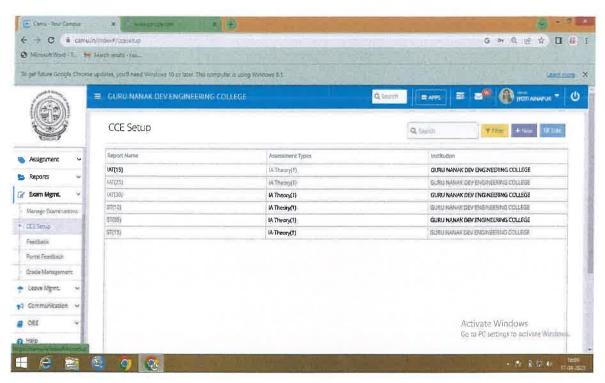


GRADE MANAGEMENT: HOD can Check Course Wise Grades obtained by students in CIE Test

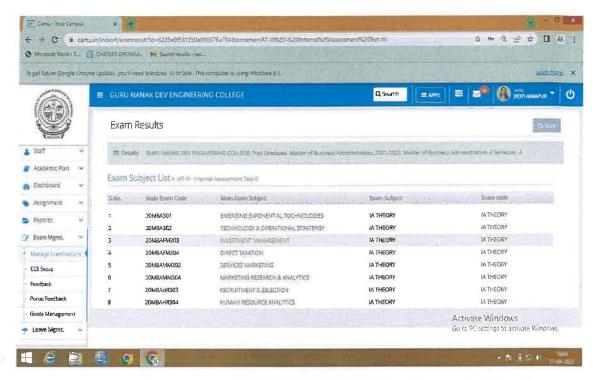
PRINCIPAL Bidar Bidar Bidar Bidar Bidar



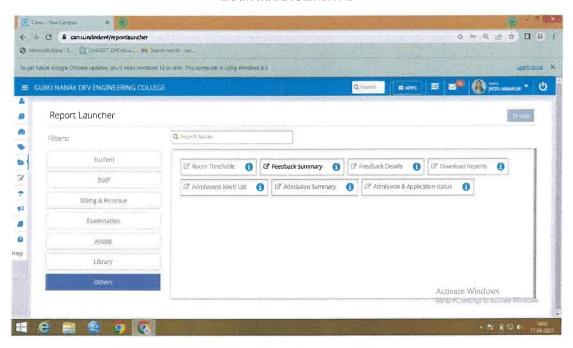
STUDENTS FEEDBACK: HOD can View Student Feedback regards to Course Coordinator



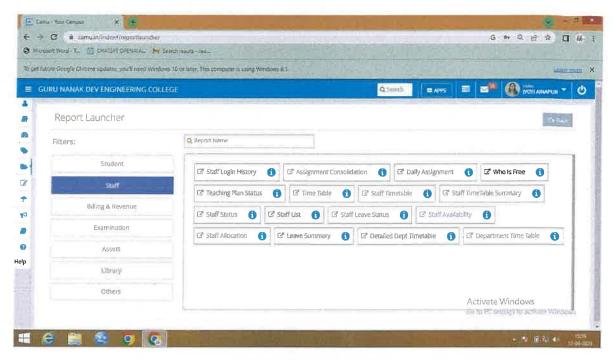
EXAM MANAGEMENT: HOD can view CIE Marks Course wise



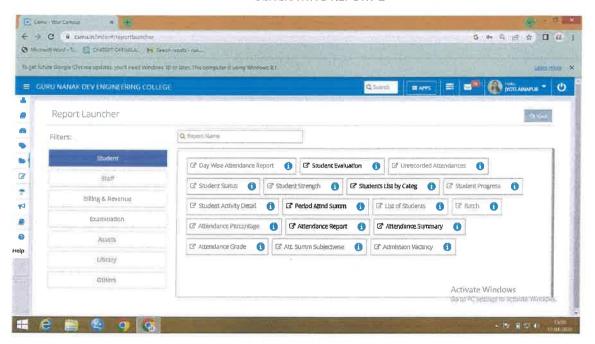
**EXAM MANAGEMENT 2** 



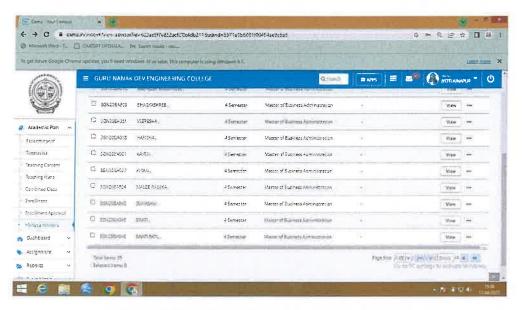
GENERATING REPORT: HOD Can Generate Different Reports



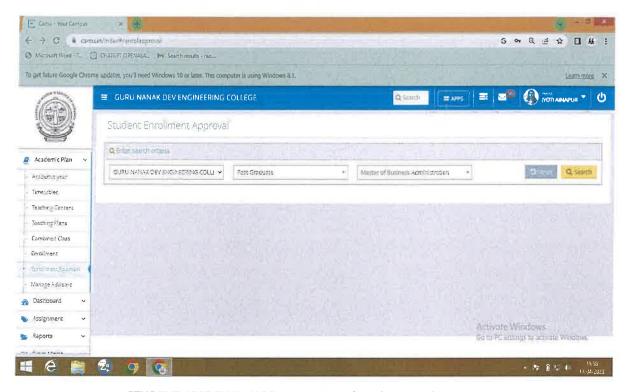
#### **GENERATING REPORT 2**



**GENERATING REPORT 3** 

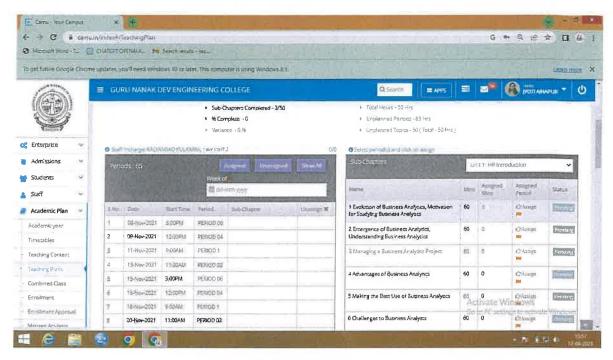


ADVISOR MANAGEMENT: HOD can locate Students Advisor

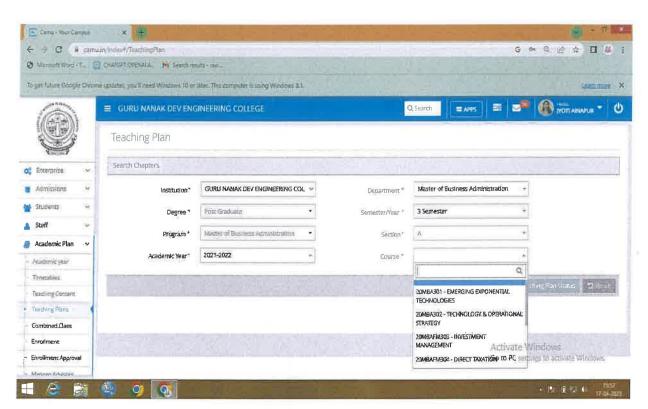


STUDENT APPROVAL: HOD can approved student Enrolment

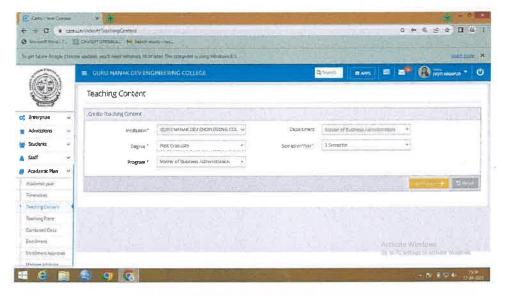
PRINCIPAL PRINCIPAL College, Bidar Guru Nanak Dev Engg. College



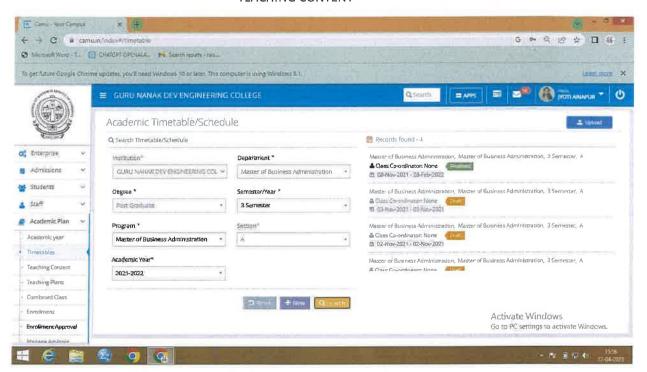
ACADEMIC PLAN



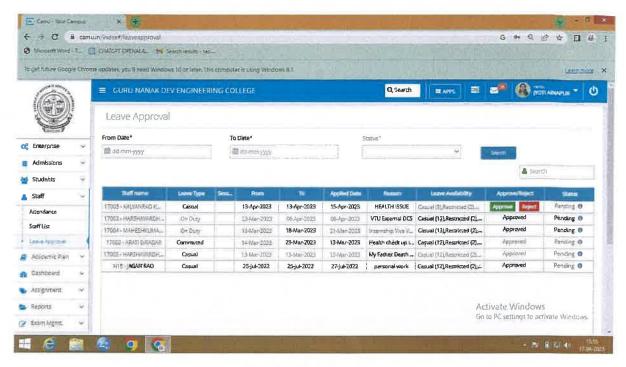
TEACHING PLAN



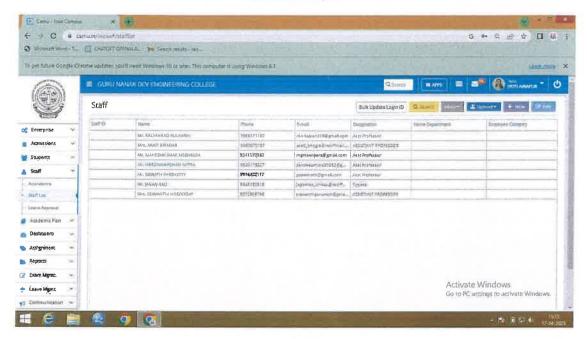
**TEACHING CONTENT** 



TIME TABLE SCHEDULE

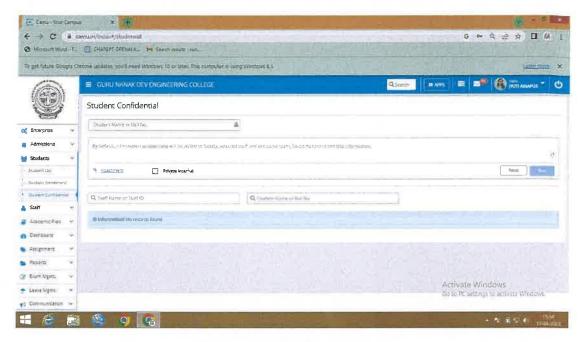


LEAVE MODULE

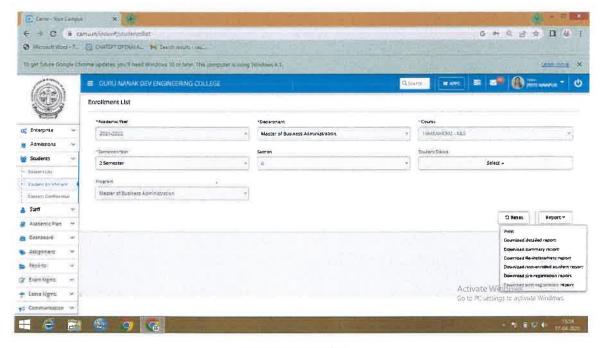


CLASS ATTENDANCE RECORD

PRINCIPAL College, Bidar Guru Nanak Dev Engg. College



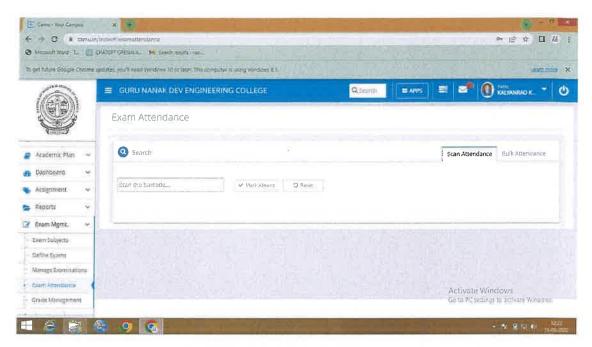
#### STUDENT CONFIDENTIAL MESSAGE



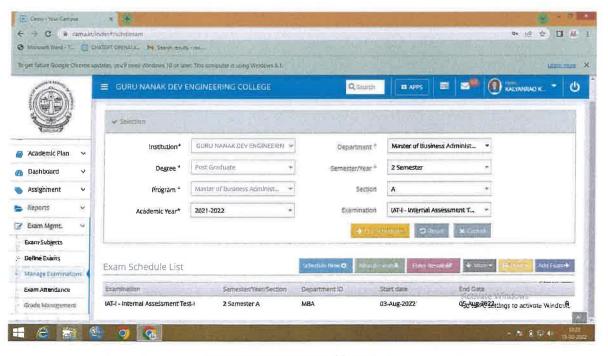
**ENROLLMENT LIST** 

## 6. CIE management

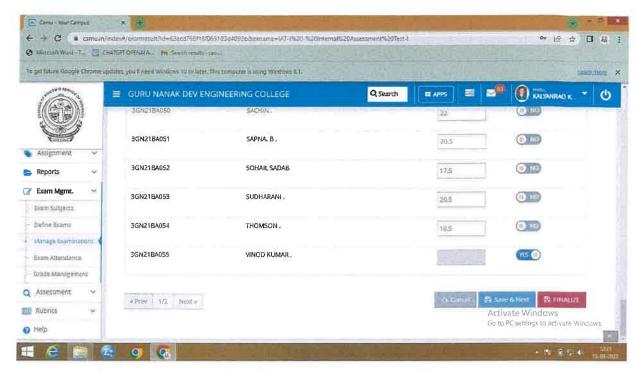
- a) Exam management Dashboard
- b) CIE Marks Entry Format
- c) Exam Subject List



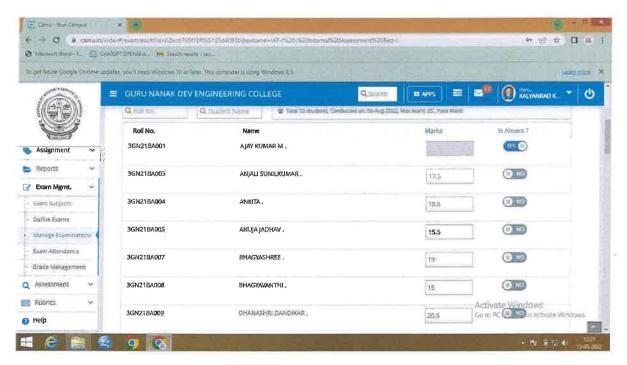
Exam management Dashboard



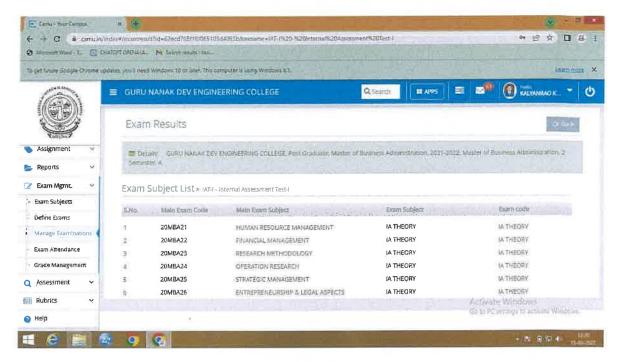
Exam management Dashboard



CIE Marks Entry Format



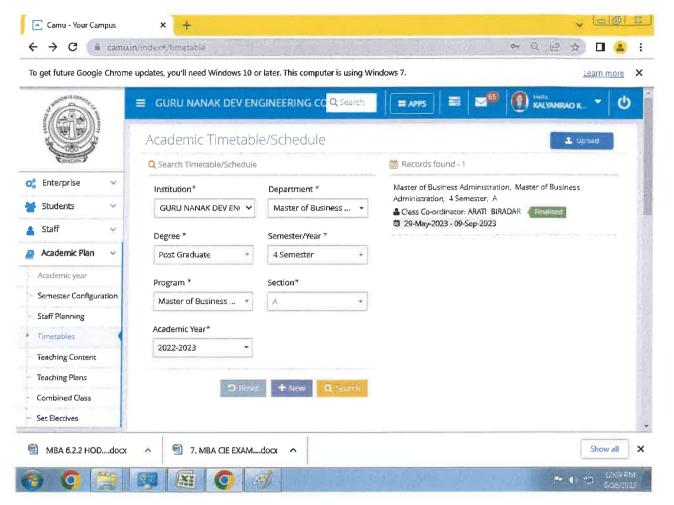
CIE Marks Entry Format



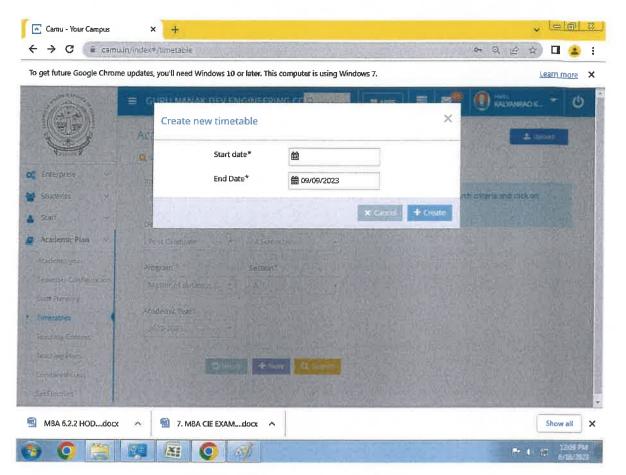
Exam Subject List

#### 7. TIMETABLE

- a) ACADEMIC TIME TABLE DASHBOARD
- b) ADDING NEW TIME TABLE DASHBOARD
- c) FINALIZED TIME TABLE

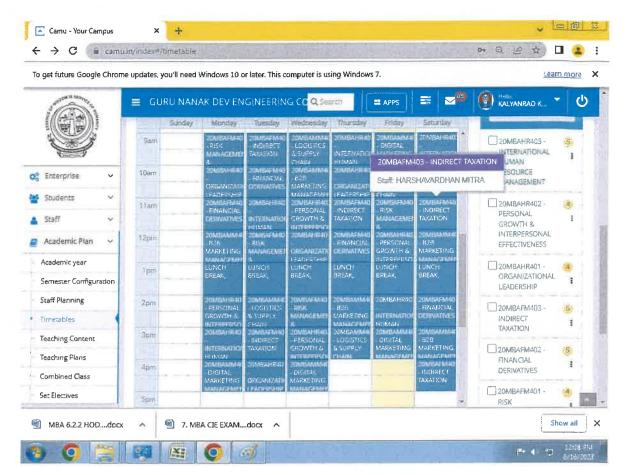


ACADEMIC TIME TABLE DASHBOARD



ADDING NEW TIME TABLE DASHBOARD

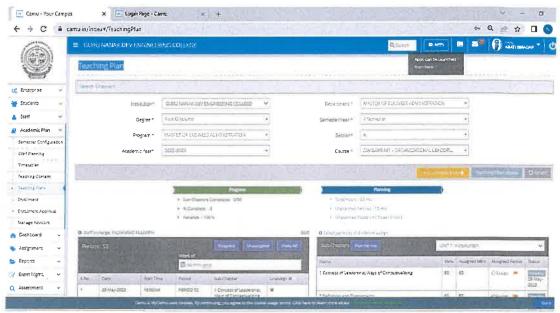
PRINCIPAL
Guru Nanak Dev Engo C-10



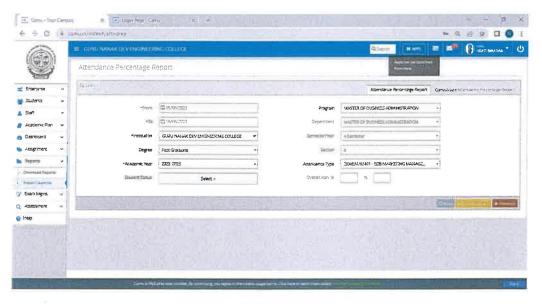
FINALIZED TIME TABLE

#### 8. CLASS COORDINATOR

- a) Teaching Plan Schedule
- b) Attendance Report



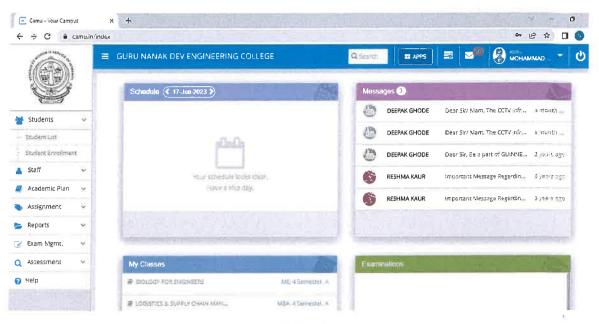
Teaching Plan Schedule



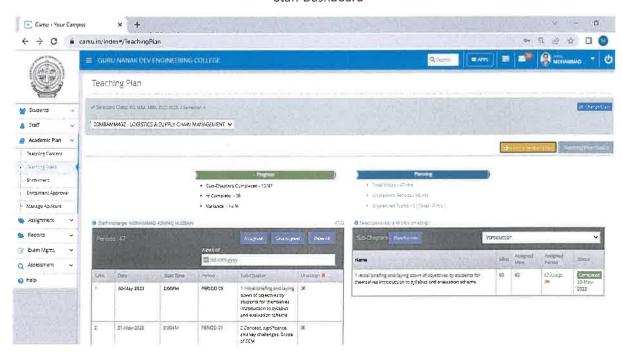
Attendance Report

#### 9. STAFF

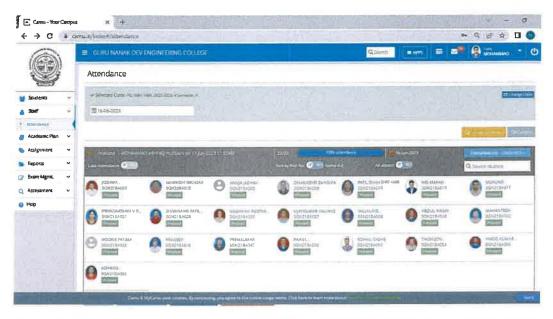
- a) Staff Dashboard
- b) Teaching Plan
- c) Class Attendance



Staff Dashboard



Teaching Plan



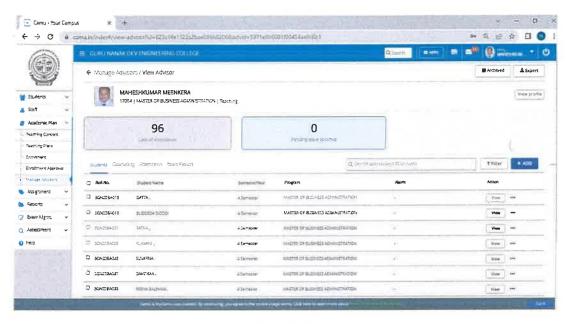
Class Attendance

PRINCIPAL

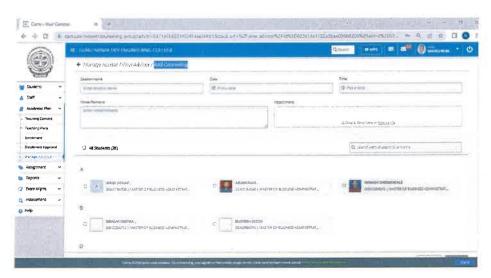
Guru Nanak Dev Engg. College, Bidar

## 10. MENTOR

- a) View Adviser
- b) Add Counselling



View Adviser



Add Counselling