



## Government College of Engineering, Nagpur

("To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society")  
Sector 27, Mihan Rehabilitation Colony, New Khapri (Rly), Nagpur-441108 (Maharashtra State)  
"To be an Institution of National Repute Creating Globally Competent Technocrats to Serve the Society"  
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## Department of Computer Science & Engineering

### Internal Academic Audit

U.G.Programmes

Academic Year: 2023-2024

Date and Day of Visit: 16/12/2024

SN	Details	Auditor 1	Auditor 2
1	Name of Auditor	Dr. Rajeshree Raut	Dr. Kshitija Kadam
2	Designation	Associate Prof.	Associate Prof.
3	Institute name	GCOE Nagpur	GCOE Nagpur
4	Contact no		
5	email		

*R Raut*  
16/12/24  
Dr. Rajeshree Raut

*Kshitija*  
16/12/24  
Dr. Kshitija Kadam

Signature of auditor/s

Academic Audit Format/GCoEN /



## Summary

Sr. No.	Parameters of Evaluation	Page No.	Max. Marks	Marks Scored
1	Academic Facilities	3	150	110
2	Teaching Learning Process	4	240	180
3	Examination System	6	110	90
4	Result	7	100	90
5	General Academic Activities	8	100	80
6	Feedback and Corrective Action	9	100	80
7	Faculty Performance/Up-gradation	10	100	70.4
Total			900	700.4

### Grading System:

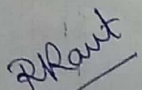
Grade	Details	Total Marks scored
A+	Excellent	675 and above
A	Good	541-674
B	Acceptable	450-540
C	Not-acceptable	Below 450

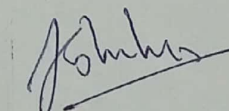
1. Strengths- Good Involvement of faculty and students in Research & Development and Innovation in college and outside world interaction

2. Weaknesses- Less Number of Regular faculty

3. Suggestions based on information-

Communication can be done to Hon' Director regarding increasing regular faculty or at least sending faculty on deputation from polytechnic.

  
Auditor 1

  
Auditor 2

Name and Signature of Auditor/s

Signature of auditor/s

## 1. Academic Facilities

Sr. No.	Sub-parameter	Quantity/ Facility(Y/N)	Marks Assigned	Marks Secured
1	No of class rooms		10	8
2	No of laboratories		10	8
3	No of tutorial rooms		5	3
4	Faculty rooms/cabins		5	5
5	Equipment available (curricula and cost wise)		35	27
6	Computing facilities (including software)		10	8
7	Research facilities		10	5
8	Audio visual facilities		10	7
9	Class rooms furniture		5	5
10	Laboratories furniture		10	7
11	No of books, e-library, online journals and printed journals related to program in the central library		15	7
12	Departmental library		5	3
13	Internet and wi-fi facility		10	9
14	Improvement made in infrastructural facilities during last year		10	8
		<b>Total=</b>	<b>150</b>	<b>110</b>
<p><b>Any additional comments/feedback/observations/advice which may or may not be based on above points:</b></p>				

*R Raut*

*J. Shukla*

Signature of auditor/s

## 2. Teaching – Learning Process

Sr. No	Description	Quantity/ Facility (Y/N) / Remarks	Max. Marks	Marks Secured
1	<b>Theory lectures</b>			
	Average % of lectures conducted compared with target: more than 90% - 60 marks and less than 40% - 00 marks; in between 40% -90% marks are linearly graded.	Average 85%	60	51
	<b>Course File</b>			
	% of subjects for which teaching plan is prepared and execution		20	15
	Quality of teaching plan and notes prepared by faculty		10	7
	Preparation of question bank and allied activities		10	6
2	Novel techniques used for effective teaching learning process ( including use of A/V aids, development of software/ teaching aids, use of available software, use of available learning resources etc.)		10	7
	<b>Practical</b>			
	Average % of practical conducted compared with that minimum required as per curriculum: less than 100% - 5 marks; 100% - 10, >100%marks; 15		15	15
	Quality of experiments conducted		10	7
	Availability of laboratory manual and its quality		10	7
	Maintenance of laboratory equipment and new addition		15	10
3	Sponsored projects of UG students		5	0
	<b>Theory attendance of students</b>		25	21
4	Average % of lectures attended by students more than 90% - 25 marks and less than 60% - 00 marks; in between 60% -90% marks are linearly graded.	Average attendance 85%		
	<b>Practical attendance of students</b>		10	10
	Average % of practical attended by students 100% - 10 marks and less than 75% - 00 marks; in between 75% -100% marks are linearly graded.			

*Prant*

Signature of auditor/s

*Shikha*

5	Corrective action taken by department against the defaulter students		5	4
6	Home assignments and its assessment.		5	4
7	Efforts taken by department to improve performance of academically weaker students		10	8
8	Efforts taken by department to improve overall performance of students by Courses conducted/Expert lectures etc		10	8
9	Staff development programs for Faculty and/or supporting staff including CEP/STTP etc		10	0
<b>Total=</b>			<b>240</b>	<b>180</b>

**Any additional comments/feedback/observations/advice which may or may not be based on above points:**

Staff development programs for Faculty and/or supporting staff including CEP/STTP can be organized

**Communication can be done to Hon' Director regarding increasing regular faculty or at least sending faculty on deputation from polytechnic.**

*RRaut*

Signature of auditor/s

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### 3. Examination System

Sr No	Description	Quantity/ Facility(Y/N) / Remarks	Max. Marks	Marks Secured
1	<b>Examination Process</b>			
	Execution of academic calendar for all examinations		10	8
	Transparency in the processes like internal assessment; & declaration of result		10	9
	Staff appointed for examination		10	9
2	<b>Quality of CT question papers</b>			
	Appropriate coverage of syllabus in class test		10	8
	Difficulty level of the question papers including numerical( at par with University Exam)		10	9
	Innovation in question paper (Volume of repeated questions, correlation of questions with competitive examinations)		10	7
3	<b>Arranging quiz, surprise test, assignments etc.</b>		10	9
4	<b>Practical/term work</b>			
	Assessment of practical (journal).		10	8
	Assessment method to judge depth of understanding		10	8
	Appropriate weight-age to various components of term work assessment		10	7
	Continuous evaluation of project/seminar and its record (maintenance of logbook)		10	8
			<b>Total =</b>	<b>110</b>
				<b>90</b>
<p><b>Additional comments/feedback/observations/advice which may or may not be based on above points:</b></p>				

*PRam*

Signature of auditor/s

*Jshks*

## 4. Result

Sr No	Description	Quantity/ Facility(Y/N) / Remarks	Marks Assigned	Marks Secured
1	Performance of students in Class Test-I		10	8
	Average % of students passing in CT-I *0.1			
2	Performance of students in Class Test-II		10	8
	Average % of students passing in CT-II *0.1			
3	Performance of students in University Exam		30	26
	Average % of students passing in UE *0.3			
4	Overall Performance of students		50	48
	% of students securing CGPA > 9*0.5			06
	% of students securing CGPA in between 8.25 and 9.0 *0.4			20
	% of students securing CGPA in between 6.75 and 8.25 *0.3			15
	% of students securing CGPA in between 5.75 and 6.75 *0.2			07
	% of students securing CGPA < 5.75 *0.1			0
5	Number of copy cases reported and punished * (- 2)			0
Total=			100	90

Additional comments/feedback/observations/advice which may or may not be based on above points:

*Pravit*

Signature of auditor/s

*Johny*

## 5. General Academic Activities

Sr. No.	Sub parameter	Quantity/ Facility(Y/N) / Remarks	Marks Assigned	Marks Secured
1	Whether all activities performed as per academic calendar?		5	5
2	Whether academic processes are student developments centric?		5	4
3	Students enrollment for co-curriculum activities in or out the institute		10	8
4	Whether co-curriculum activities of institute/department are evenly distributed throughout the year?		5	4
5	Participation of students in Sport?		10	9
6	Participation of students in cultural activities?		10	8
7	Implementation of AICTE schemes such as IIC, Skill India, NPTEL etc.		5	4
8	How much is overall placement of students (in % based on eligible students) and annual pay package?		10	8
9	How is the performance of students in Extension of services through NSS/NCC?		5	3
10	Industrial visits organized by department.		10	7
11	Technical events organized by the department for faculty and students including CEP/STTP/Expert lectures/Model or project competition/GD/PI etc		20	15
12	Performance in competitive examinations like GATE/CAT etc		5	5
<b>Total =</b>			<b>100</b>	<b>80</b>
Any additional comments/feedback/observations/advice which may or may not be based on above points:				

*Rant*

Signature of auditor/s

*Shikha*

## 6. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Quantity/ Facility(Y/N) / Remarks	Marks Assigned	Marks Secured
1	<b>Feedback during the semester</b>			
	Frequency of obtaining student's feedback (Meetings of CRs etc)		10	7
	Corrective action taken at the departmental level		10	7
2	<b>Grievance/Suggestion mechanism</b>			
	Through Online /email		10	8
	Corrective action taken for suggestions at the departmental level		10	8
3	<b>Feedback at the end of semester (Over all impression reported by students)</b>		<b>40</b>	<b>35</b>
	% of Excellent responses *0.4			
	% of Very Good responses *0.35			
	% of Good responses *0.25			
	% of Poor responses *0.15			
	% very poor responses *0.05			
4	Corrective action taken by department for point 3		20	15
<b>Total=</b>			<b>100</b>	<b>80</b>
Any additional comments/feedback/observations/advice which may or may not be based on above points:				

*P. Raut*

Signature of auditor/s

*[Signature]*

## 7. Faculty Performance

Sr. No.	Description	Quantity/ Facility(Y/N) / Remarks	Marks Assigned	Marks Secured
1	Performance appraisal		30	26.4
	% of faculty received "A+" remark* 0.3	66%		
	% of faculty received "A" remark* 0.2	33%		
	% of faculty received "B" remark* 0.1			
2	Qualification enhancement of faculty through qualification / online courses		5	3
3	Overall performance of faculty, based on research paper published in journals, conferences and seminar.		15	8
4	MODROB/UBA/ RPS and other sponsored projects received by the department		5	3
5	Participation of faculty outside the Institution		10	5
6	Performance of faculty, based on books publication, patent filed and awards		5	4
7	Performance of faculty, based on consultancy and internal revenue generation (IRG)		5	5
8	% of faculty members participated in various faculty development programme		10	8
9	Innovative ideas implemented by the department for overall academic development of students		10	5
10	Whether guided Research scholars?		5	3
<b>Total=</b>			100	70.4
<p><b>Any additional comments/feedback/observations/advice which may or may not be based on above points:</b></p>				

**Note: If any activity is not associated / eligible, then allotted marks may be deducted from marks of that section.**

*Dr. Raut*

Signature of auditor/s

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