

Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 2

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA)/Formative Assessment have brought in considerable improvement in Examination Management System (EMS) of the Institution.

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.




IQAC – Chairperson

**Internal Quality Assurance Cell
Govt. College of Engineering
Salem - 636 011.**

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA)/Formative Assessment have brought in considerable improvement in Examination Management System (EMS) of the Institution

Supporting Document

2.5.3/ Link 1


PRINCIPAL
GOVT. COLLEGE OF ENGG.,
SALEM-636 011

Sample/Reference for Processes Integrating IT

Gathering of student data, registration of courses, and their entry into the Examination Management System.

The screenshot shows the SBI Collect website interface. At the top, there is a navigation bar with 'HOME', 'TRANSACTION HISTORY', 'FAQ'S', and 'CUSTOMER SUPPORT'. Below this is a 'Payment Progress' section with a horizontal flow of five steps: 'Select Payee' (completed), 'Fetch Payment Details' (current step), 'Verify Payment Details', 'Complete Payment', and 'Print Receipt'. The 'Fetch Payment Details' section is active, showing 'Payee Details' for 'GOVT COLLEGE OF ENGINEERING, SALEM' and 'Enter Payment Details' with a dropdown for 'Payment Category' set to 'MESS FEES' and an input field for 'Enter ROLL NO.'. There are 'Back' and 'Fetch Payment Details' buttons at the bottom of the form.

Sample/Reference for Continuous Internal Assessment

Management of attendance percentage

The screenshot displays a web application interface for 'Manage Course Wise Attendance'. The page has a sidebar menu with options like 'Collego Details', 'Users', 'Masters', 'Students', 'Register Number', 'Students Elective', 'Professors', 'Assessments', 'Internship', 'Reports', and 'Archive'. The main content area is titled 'Manage Course Wise Attendance' and includes a breadcrumb trail: 'You are here: Dashboard > Assessments > Course Wise Attendance > Manage'. Below the title, there are three main sections: 'PRE ASSESSMENT' (with buttons for Batch Degree Branch, Students, Courses, Fast Track Courses Upload, Generate Exam Applications Forms, Improvement), 'DURING ASSESSMENT' (with buttons for Sem Attendance, Exam Fees Status, Condonation Fees Status, Expert Course Wise Attendance, and Course Wise Attendance), and 'POST ASSESSMENT' (with buttons for Internal Marks, Internal Marks Approval, Question Paper Requests, Evaluation Requests, Hall Tickets, Halls, Timetable, Node Server Process, and Reports). A summary box shows details for Regulation: 2022-IT, Batch: 2022, Degree: BE - Mechanical Engineering, Semester: 3, Course Code: 22HS201, and Course Name: Universal Human Values. At the bottom, there is a table with columns 'Register No', 'Name', and 'Attendance Percentage'.

Register No	Name	Attendance Percentage
61772251001	AADHITHYA K	91
61772251002	ABINAYA S	88

Sample/Reference for Reforms in the examination procedures

Sample/Reference of R2018 (UG) Mark Split-up for Theory cum Practical Courses

10 PROCEDURE FOR AWARD OF MARKS FOR INTERNAL ASSESSMENT

10.1 Theory Courses

10.1.1 Unit Tests [75% weightage]: Three tests, each carrying FIFTY (50) marks, shall be conducted by the Department / Institution. The total marks of three tests shall be reduced to 75 marks. However, a re-test, at the discretion of the Head of Department and approved by the Head of Institution, may be conducted for candidates with genuine reasons.

10.1.2 Assignment [12.5% weightage]: The total marks of Three assignments carrying 10 Marks each shall be reduced to 12.5 marks.

10.1.3 Tutorial / Objective Test [12.5% weightage]: The total marks of Three Tutorial / Objective Test carrying 10 Marks each shall be reduced to 12.5 marks.

The total of 100 marks shall be reduced to 40 marks (rounded off to the nearest integer).

10.2 Practical Courses with Laboratory Component

Every Practical exercise / experiment shall be evaluated based on conduct of exercise / experiment and records maintained.

There shall be at least one test. The criteria for arriving at the internal assessment marks are:

Experiment / Record / Practical classes Performance : 60% Weightage

Practical Test : 40% Weightage

The total of 100 marks shall be reduced to 40 marks (rounded off to the nearest integer).

Sample/Reference Online Examination and Digital Evaluation System

Online Mock Test 2020



Reforms in the Examination Procedures incorporation of Bloom's Taxonomy



GOVERNMENT COLLEGE OF ENGINEERING, SALEM – 636 011.
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INSTRUCTIONS TO THE QUESTION PAPER SETTER

1. You are requested to set Question Paper in the Prescribed Format (Preferably typed in A4 size paper) with necessary instructions.
2. Question paper must be set in 2003-2007 Word format only.
3. Submit images/Figures in jpg format and embed them in the question paper.
4. Particulars regarding Regulation, Programme, Branch, Semester, Subject code/Subject name, Duration, Maximum Marks and any other instructions to candidates, like Tables/ Charts to be supplied etc., must be clearly given in the Question Paper.
5. Figure Number/ Table Number must correspond to the question number in which they occur.
6. Question Paper Pattern

<u>2016 & 2018 Regulations</u>			
A	10	10	10 X 2 = 20
B	5 (Either/ OR)	5	5 X 16 = 80
			Total = 100

7. The marks to be allotted to various categories are given in the following table. The standard of question (or the contents in the answer) shall be as per marks allotted.

PART A (10 X 2 = 20 Marks)

Bloom' Taxonomy	Distribution
	Marks
Remember	6
Understand	4
Apply	4
Analyze	2
Evaluate	2
Create	2

PART B (5 X 16 = 80 Marks)

Bloom' Taxonomy	Distribution	
	Marks	
	(a)	(b)
Remember	20	20
Understand	20	20
Apply	16	16
Analyze	16	16
Evaluate	4	4
Create	4	4

8. For short question – Multiple choice question, Objective type question, Fill in the blanks etc., must be avoided.
9. Specific care should be taken while allotting the **distribution of the marks for each/sub – division** and the marks should be clearly indicated for each subdivision also.
10. The question must be evenly distributed over the entire syllabus and not concentrated on few portions only.

Reforms in the Examination Procedures incorporation of Bloom's Taxonomy

11. S.I units must be adopted.
12. In case any of your relative is appearing for the above examination, you are requested to decline the offer of Examinership immediately.
13. The Question Paper key (if requested) and Claim Form should reach the Office of COE through email on or before the last date prescribed.
14. The Question Paper setters are requested to keep their appointments strictly confidential.
15. The Question Paper (& key if requested) must be **Password Protected**.
16. **The Question Paper without password protection will not be accepted.**
17. The Question Paper, Claim Form (& key if requested) must be sent to the mail: gcescoeoffice@gmail.com. The Question Paper (& key if requested) in Word 2003-2007 format and the claim in pdf format must be sent in separate folders.
18. The password and the Subject code must be sent to the mail id coegces2017@gmail.com on or before the last date prescribed.
19. Download the claim form, put your Signature in the filled form with correct account details and scan it as a PDF file and send through email (OR) The filled claim form with signature may be sent through post/courier by name to the Controller of Examinations
20. The remuneration for QP Setting will be credited in your account through e-transfer only as per the details furnished in the claim bill.

Bloom's Taxonomy Action Verbs

Definitions	I. Remembering	II. Understanding	III. Applying	IV. Analyzing	V. Evaluating	VI. Creating
Bloom's Definition	Retrieving, recognizing and recalling relevant knowledge from long term memory	Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas.	Carrying out or using a procedure through executing or implementing	Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure or purpose through differentiating, organizing and attributing	Making judgements based on criteria and standards through checking and critiquing	Putting elements together to form a coherent or functional whole; reorganizing elements into a new pattern or structure through generating, planning or producing
Verbs	<ul style="list-style-type: none"> • Choose • Define • Find • How • Label • List • Match • Name • Omit • Recall • Relate • Select • Show • Spell • Tell • What • When • Where • Which • Who • Why 	<ul style="list-style-type: none"> • Classify • Compare • Contrast • Demonstrate • Explain • Extend • Illustrate • Infer • Interpret • Outline • Relate • Rephrase • Show • Summarize • Translate 	<ul style="list-style-type: none"> • Apply • Build • Choose • Construct • Develop • Experiment with • Identify • Interview • Make use of • Model • Organize • Plan • Select • Solve • Utilize 	<ul style="list-style-type: none"> • Analyze • Assume • Categorize • Classify • Compare • Conclusion • Contrast • Discover • Dissect • Distinguish • Divide • Examine • Function • Inference • Inspect • List • Motive • Relationships • Simplify • Survey • Take part in • Test for • Theme 	<ul style="list-style-type: none"> • Agree • Appraise • Assess • Award • Choose • Compare • Conclude • Criteria • Criticize • Decide • Deduct • Defend • Determine • Disprove • Estimate • Evaluate • Explain • Importance • Influence • Interpret • Judge • Justify • Mark • Measure • Opinion • Perceive • Prioritize • Prove • Rate • Recommend • Rule on • Select • Support • Value 	<ul style="list-style-type: none"> • Adapt • Build • Change • Choose • Combine • Compile • Compose • Construct • Create • Delete • Design • Develop • Discuss • Elaborate • Estimate • Formulate • Happen • Imagine • Improve • Invent • Makeup • Maximize • Minimize • Modify • Original • Originate • Plan • Predict • Propose • Solution • Solve • Suppose • Test • Theory

Online Examination and Digital Evaluation System

TECHNOLOGY ENABLED EXAMINATION SYSTEM

Online Examination and Evaluation

Conducted during covid period

