

# **Government College of Engineering, Salem- 11**

*(An Autonomous Institution affiliated to Anna University, Chennai)*



## ***SELF-STUDY REPORT***



### **CRITERION 2**

**2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experience and teachers use ICT-enabled tools including online resources for effective teaching and learning process.**

*(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**

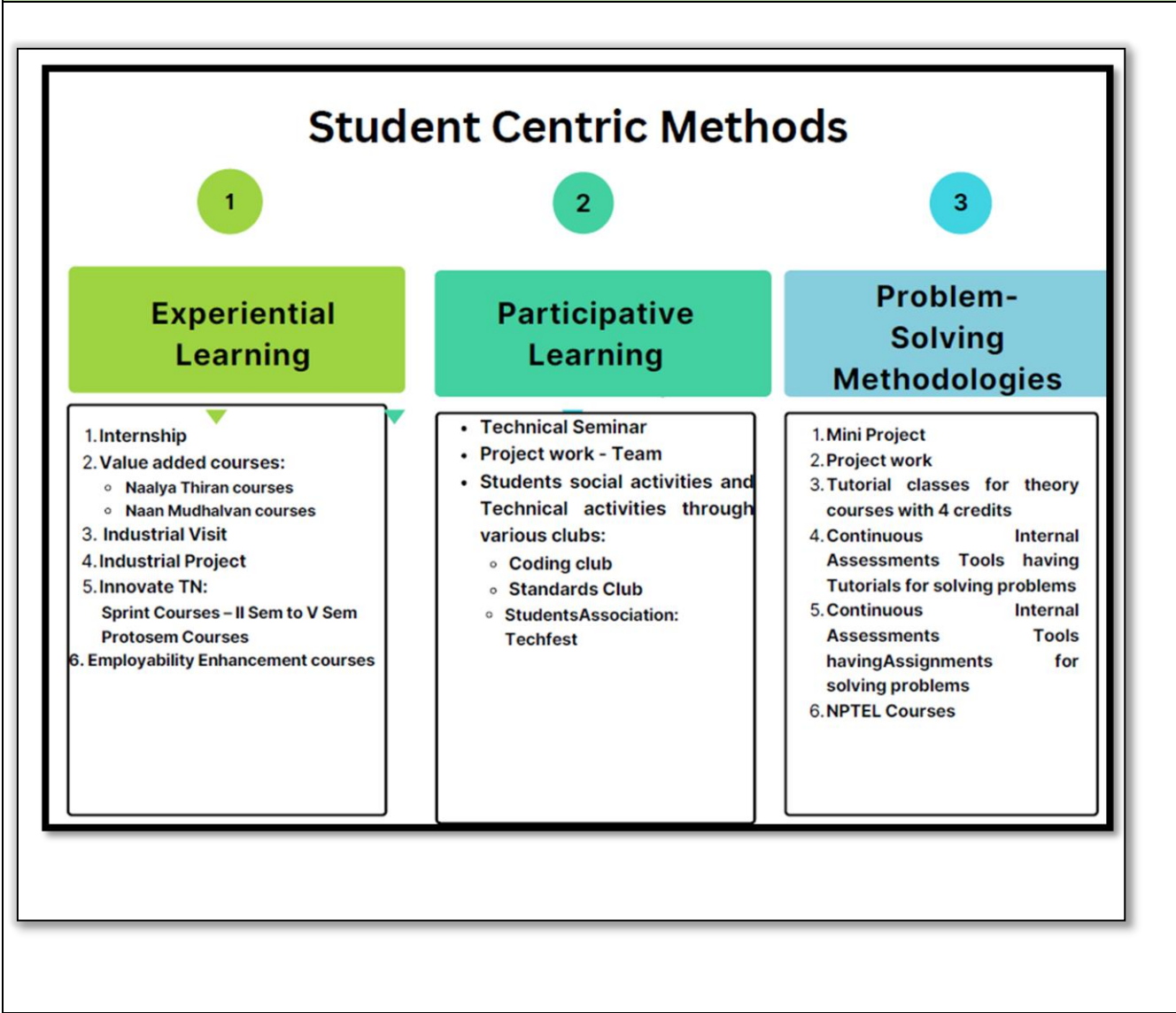
**Internal Quality Assurance Cell  
Govt. College of Engineering  
Salem - 636 011.**

**2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences and teachers use ICT-enabled tools including online resources for effective teaching and learning process.**

**Supporting Document**

**2.3.1/Link 1**

**Student Centric Methods**



## Sample/Reference for ICT-Enabled tools

### Audacity

Google Forms, Quizzes, Assignments and Tutorials, Collection of course exit survey, exit survey, feedback for students, faculty, parent and alumni, collection, Course Exit Survey

### Virtual Seminar Halls

### Virtual Conference Rooms

### Digital Lecture Capturing system.

### Virtual Lab (ARVR Lab ECE, EEE, Mech)

### Classrooms with LCD Projectors & wi-fi

### Digital Library

### Technology - enabled Examination and Evaluation

## Sample/Reference for Experiential learning

### Ideation Sprint

#### Team Building Activities Marshmellow Challenge



## Sample/Reference for Experiential learning

### Ideation Sprint

#### Challenge Brief



## Sample/Reference for Experiential Learning



**GOVERNMENT COLLEGE OF ENGINEERING, SALEM -11.**  
**ELECTRONICS AND COMMUNICATION ENGINEERING**  
**INDUSTRIAL VISIT REPORT**

A complete report on industrial visit organized by Government College of Engineering, for the students of Electronics and Communication Engineering (3<sup>rd</sup> Semester) in order to get knowledge of "Radio Telescope", which is used to track celestial bodies, carried out by the Radio Astronomy Centre, situated near Udhagamandalam, Ooty.



**Sample/Reference for Participative learning**



*Photo of METMAT 23.0*

**Sample/Reference for Participative learning**



*Photo of COMNET 2021*

## Sample/Reference for Problem solving Methodologies

### Sample of Tutorials

Tutorial 1 (HMT)

Questions Responses 58 Settings Total points: 50

58 responses

Accepting responses

Summary Question Individual

saravanankarthik2000@gmail.com < 4 of 58 >

45 of 50 points Score released 30 Nov 2022 Release score

**Tutorial 1- 18ME501 (Heat and Mass Transfer)**

CO1- analyze the basic concept of conduction, convection and radiation

\*Required

Email \*

saravanankarthik2000@gmail.com

## Sample/Reference for Problem Solving Methodologies

### Samples of Tutorials

11/5/21, 9:05 PM Tutorial 1 (HMT) - Google Forms

✓ The Poisson equation is given as 1 / 1

$$\frac{\partial^2 T}{\partial x^2} + \frac{\partial^2 T}{\partial y^2} + \frac{\partial^2 T}{\partial z^2} = \frac{1}{k} \frac{\partial T}{\partial t}$$

Option 1

$$\frac{\partial^2 T}{\partial x^2} + \frac{\partial^2 T}{\partial y^2} + \frac{\partial^2 T}{\partial z^2} + \frac{q}{k} = 0$$

Option 2 ✓

$$\nabla^2 T = 0$$

Option 3

$$\frac{\partial^2 T}{\partial x^2} = 0$$

Option 4

Add individual feedback

## Sample/Reference for Problem solving Methodologies

### Sample of Evaluted project Report

GOVERNMENT COLLEGE OF ENGINEERING,  
SALEM-II  
*(An Autonomous Institution Affiliated to Anna University, Chennai)*

BONAFIDE CERTIFICATE

Certified that this project report "STUDY ON THE BEHAVIOUR OF ULTRA HIGH STRENGTH COLD-FORMED STEEL HOLLOW COLUMNS" is the bonafide work of

NAVEEN M	1911064
SAUMIYAA K S	1911080
SUNDHARA MURTHY S	1911094
VENKATESWARI R V	1911104

who carried out the project work under my supervision.

*[Signature]*  
SUPERVISOR

*[Signature]*  
HEAD OF THE DEPARTMENT  
Dr. D. Srinivasulu Reddy, M.E., Ph.D.  
Professor and Head,  
Department of Civil Engineering,  
Government College of Engineering,  
SALEM - 636 011

Submitted for the project Viva-voce examination held on 14/03/14

*[Signature]*  
INTERNAL EXAMINER

*[Signature]*  
EXTERNAL EXAMINER

## Sample/Reference for ICT-Enabled tools

### Classrooms with LCD Projectors





## Sample/Reference for ICT-Enabled tools

### AR-VR Lab



## Sample/Reference for ICT-Enabled tools

### Sample of Faculty Development Program on “Technology Enabled Learning and life-long Self learning”.

