

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

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



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



### **CRITERION 1**

**1.3.1 Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum.**

*(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.**

### 1.3.1 Institution integrates cross-cutting issues relevant to Professional ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum

#### Supporting Document

[1.3.1 / Link 1](#)

#### Sample/Reference for Mandatory Courses

**UG Mandatory Courses (Induction Program, Ethics and Human Values, Environmental Science & Constitution of India)**  
**Mandatory Courses (R 2018)-UG**

**GOVERNMENT COLLEGE OF ENGINEERING: SALEM 636011**  
(An Autonomous Institution affiliated to Anna University, Chennai)  
(NAAC Accredited)

**REGULATIONS 2018**

**CHOICE BASED CREDIT SYSTEM**  
Common to all B.E. (FULL TIME) DEGREE PROGRAMME  
(For the students admitted to B.E Programme during the Academic year 2018-2019 and onwards)

**1. REGULATIONS AND NOMENCLATURE**  
In this regulation, unless the context otherwise specifies:  
i) "Degree" means Degree (B.E./B.Tech) (or) B.E. Degree (B.E./B.Tech)  
ii) "Course" means a Theory or Practical subject that is normally studied in a semester, like Mathematics, Physics, Engineering Graphics, etc.,

**2. ELIGIBILITY FOR ADMISSION**  
For admission to the Bachelor Degree (B.E./B.Tech) candidates will be required to satisfy the conditions of admission therein prescribed by the Government of Tamil Nadu and Anna University, Chennai. Provision is made for lateral entry candidates with Diploma in Engineering / Technology in the third semester of the programme of one of the branches of study and they will be required to satisfy the conditions of admission therein prescribed by the Government of Tamil Nadu and Anna University, Chennai.

**3. BRANCHES OF STUDY**  
Branches will be offered at the area of admission to the programme. The following are the branches offered in this college:  
B.E. Civil Engineering  
B.E. Computer Science and Engineering  
B.E. Electronics and Communication Engineering  
B.E. Electrical and Electronics Engineering  
B.E. Mechanical Engineering  
B.E. Metallurgical Engineering

**4. DURATION AND STRUCTURE OF THE PROGRAMME**  
4.1 The Minimum and Maximum period of the U.G. Full time programme are given below:

Programme	Minimum	Maximum
B.E. (Regular Stream)	4 Years (8 Semesters)	7 Years (14 Semesters)
B.E. (Lateral Entry)	3 Years (6 Semesters)	6 Years (12 Semesters)

4.2 The duration of B.E. programme shall be 4 Years for Regular Stream and 3 Years for Lateral Entry. Each academic year will be divided into two semesters. The number of working days shall be 90 days or 240 periods (which includes the day for conducting periodical tests) each of 30-minute duration. The number of working days shall exclude study holidays, Government holidays and end semester examination days.

**4.3. Categorization of Courses**  
Every B.E. programme will have a curriculum with spread consisting of theory and practical courses that shall be categorized as follows:  
**Humanities and Social Sciences (HSS) courses include Technical English, Ethics and Human Values, Communication skills.**

- i. **Basic Sciences (BS) courses include Mathematics, Physics, Chemistry, Biology, Physics laboratory, Chemistry laboratory, etc.**
- ii. **Engineering Sciences (ES) courses include Engineering graphics, Computer Practice, Engineering Graphics, Engineering Mechanics, Basics of Electrical / Electronics / Mechanical / Civil/Computer Engineering, etc.**
- iii. **Professional Core (PC) courses include the core courses relevant to the chosen specialization/branch.**
- iv. **Professional Elective (PE) courses include the elective courses relevant to the chosen specialization/branch.**
- v. **Open Elective (OE) courses include the courses relevant to the chosen specialization / branch which a student can choose from the curriculum of other B.E. (B.E./B.Tech), and courses offered by the Departments under the Faculty of Science and Humanities.**
- vi. **Project includes Project Work, Mini Project, Seminar, Internship and Industrial/Practical Training.**
- vii. **Mandatory Course includes Environmental Science, Constitution of India, Induction Programme/NCC / NSS / SPORTS / YMC/Yoga activities.**

## Sample/Reference for Mandatory Courses

### Courses added for Human Values, Gender, and Professional Ethics.

S.No.	Subject Code	Name	Category	Department	Regulation
1.	18MC101	Induction Program	Mandatory Course	Science and Humanities	2018
2.	18MC301	Indian Constitution	Mandatory Course	All Department	2018
3.	18MEPE32	Professional Ethics and human Values	Professional Elective	Mechanical Engineering	2018
4.	18MEOE03	Total Quality Management	Open Elective	Mechanical Engineering	2018
5.	18MEOE04	Principles of Management	Open Elective	Mechanical Engineering	2018
6.	18MEOE05	Professional Ethics and Human Values	Open Elective	Mechanical Engineering	2018
7.	22MC101	Induction Program	Mandatory Course	Science and Humanities	2022
8.	22MC301	Indian Constitution	Mandatory Course	All Department	2022
9.	22MEPE34	Professional Ethics and Human Values	Professional Elective	Mechanical Engineering	2022
10.	22MEOE05	Principal of Management	Open Elective	Mechanical Engineering	2022
		Professional		Mechanical	

## Sample/Reference for Mandatory Courses

### Courses added for Environment and Sustainability

S.No	Subject Code	Name	Category	Department offering	Regulation
1.	18CEPE08	Industrial Waste Management	Professional Elective	Civil Engineering	2018
2.	18CEPE09	Hazardous Waste Management	Professional Elective	Civil Engineering	2018
3.	18CEPE10	Air Pollution Monitoring and Control	Professional Elective	Civil Engineering	2018
4.	18CEPE11	Municipal Solid Waste Management	Professional Elective	Civil Engineering	2018
5.	18CEPE12	Marine Pollution Monitoring and Control	Professional Elective	Civil Engineering	2018
6.	18CEPE13	Environmental Impact Assessment	Professional Elective	Civil Engineering	2018
7.	18CEOE01	Environmental Management	Open Elective	Civil Engineering	2018
8.	18CEOE02	Disaster Mitigation and management	Open Elective	Civil Engineering	2018
10.	18AC02	Disaster Management	Mandatory Course	Civil Engineering	2018
11.	22CEOE01	Environmental Management	Open Elective	Civil Engineering	2022
		Disaster	Open	Civil	


## Sample/Reference for Ethics events

### **Events With Topics of Gender, Human Values, Environment and Sustainability and Professional Ethics**



## Sample/Reference for Promotion of Gender Equity

### **Women's Day Celebrations**

 அரசினர் பொறியியற் கல்லூரி, சேலம்-11  
சர்வதேச மகளிர் தினம்  
"திரியாய் தொய்த்து தீக்குள் குளித்து  
தீப ஒளியைத் திக்விக்கும் தெளிப்பவள்"

**வெள்ளி காரிகை**  
-சித்திரிக்குத் தித்தி...

சிறப்பு விருந்தினர்  
மருத்துவர். K. விஜயலட்சுமி  
நீர்ழிவு நிபுணர்  
(மணிப்பால் மருத்துவமனை, சேலம்)

நடைவமை  
முனைவர். ஜா. விமலா ரோசலின்  
(முதல்வர் மருத்துவப் பரவலர்)

தேரம் : காலை 10.00 மணி  
நாள் : மாசி 26 (09.03.2020) இடம் : பத்மநீ முந்தையன் அவைக்கூடம்

**Sample/Reference for Certificate for FDP attended by faculty for Universal Human Values**

**Faculty Development Program on  
“Inculcating Universal Human Values in Technical Education”**



**Sample/Reference for Certificate for FDP attended by faculty for Universal Human Values**

**Faculty Development Program on  
“Inculcating Universal Human Values in Technical Education”**

