Regulations of UG & PG for Mandatory, Induction and Audit Courses.

Extracts for Approval of Regulations 2018

4th Academic Council Meeting Minutes

ITEM NO. 1: TO CONSIDER AND APPROVE 2018 REGULATIONS, RULES OF EXAMINATIONS AND QUESTION PAPER PATTERN FOR UG (FULLTIME & PART TIME) AND PG (FULL TIME & PART TIME) PROGRAMMES.

ITEM NO 1.1: Dr. G.Vimala Rosaline, Principal & Chairman of the Academic Council recommended and Dr. S.Prakash, Controller of Examinations moved the 2018 Regulation for U.G (Full Time) and P.G. (Full Time & Part Time) programmes.

UG PROGRAMMES:
B.E. Civil Engineering (FT)
B.E. Computer Science and Engineering (FT)
B.E. Electronics and Communication Engineering (FT)
B.E. Electrical and Electronics Engineering (FT)
B.E. Mechanical Engineering (FT)
B.E. Metallurgical Engineering (FT)

PG PROGRAMMES:
M.E. Structural Engineering (FT & PT)
M.E. Power Electronics and Drives (FT & PT)
M.E. Computer Aided Design (FT & PT)
M.E. Thermal Engineering (FT & PT)
M.E. Welding Technology (FT & PT)

The Academic Council resolved to approve the 2018 regulations for U.G (Full Time) and PG (Full Time & Part Time) Programmes as given in **ANNEXURE I.**

Item no 1.2: Dr. G.Vimala Rosaline, Principal & Chairman of the Academic Council recommended and Dr. S.Prakash, Controller of Examinations moved the Rules of Examinations for UG (Full Time) and PG (Full Time & Part Time) Programmes for 2018 regulations.

The Academic Council resolved to approve the rules of examinations for U.G (Full Time) and PG (Full Time & Part Time) Programmes under 2018 regulations as given in **ANNEXURE II.**

Extracts for Approval of Regulations 2022

5th Academic Council Meeting Minutes

ITEM NO. 5: TO CONSIDER AND APPROVE 2022 REGULATIONS FOR UG (FULL TIME) & PART TIME) AND PG (FULL TIME) PROGRAMMES.

Dr.R.Malayalamurthi, Principal & Chairman of the Academic Council recommended and Dr.K.Sudha, Controller of Examinations moved the 2022 regulations for UG (Full Time and Part Time) and PG (Full Time) Programmes.

UG PROGRAMMES :

B.E Civil Engineering (FT & PT)

B.E Computer Science and Engineering (FT)

B.E Electronics and Communication Engineering (FT & PT)

B.E Electrical and Electronics Engineering (FT & PT)

B.E Mechanical Engineering (FT & PT)

B.E Metallurgical Engineering (FT)

PG PROGRAMMES :

M.E. Structural Engineering

M.E Communication Systems

M.E. Power Electronics and Drives

M.E. Computer Aided Design

M.E Thermal Engineering

M.E Welding Technology

The Academic Council resolved to approve 2022 regulations for UG (Full Time and Part Time) and PG (Full Time) Programmes. as given in **Annexure V.**

Extracts of Regulation 2018

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. **DEFINITIONS AND NOMENCLATURE**
   In this regulation, unless the contest otherwise specifies
   (i) "Programme" means Degree Programme (i.e) B.E. Degree Programme.
   (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 Programme candidates will be required to satisfy the conditions of admission thereto prescribed by the Government of Tamilnadu 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 admissions thereto prescribed by the Government of Tamilnadu and Anna University, Chennai.

3. **BRANCHES OF STUDY**
   Branches will be offered at the time 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 PROGARMME**
   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)	3Years (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 80 days or 540 periods (which includes the days for conducting periodical tests) each of 50 minutes 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 syllabi consisting of theory and practical courses that shall be categorized as follows:

i. **Humanities and Social Sciences (HS) courses include Technical English, Ethics and Human Values, Communication skills.**

ii. **Basic Sciences (BS)** courses include Mathematics, Physics, Chemistry, Biology, Physics laboratory, Chemistry laboratory, etc.

iii. **Engineering Sciences (ES)** courses include Engineering practices, Computer Practice, Engineering Graphics, Engineering Mechanics, Basics of Electrical / Electronics / Mechanical / Civil/ Computer Engineering etc.

iv. **Professional Core (PC)** courses include the core courses relevant to the chosen specialization/ branch.

v. **Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.

vi. **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. programmes and courses offered by the Departments under the Faculty of Science and Humanities.

vii. **Project** includes Project Work, Mini Project, Seminar, Internship and Industrial/Practical Training.

viii. **Mandatory Course includes Environmental Science, Constitution of India, Induction Programme/NCC / NSS / SPORTS / YRC/Yoga activities.**

Extracts of Regulation 2018

PG Audit Course Included as mandatory Course (Disaster management)

Mandatory Courses (R 2018)-PG

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 M.E. (FULL TIME & PART TIME) DEGREE PROGRAMME

(For the students admitted to M.E Programme during the Academic year 2018-2019 and onwards)

1. **DEFINITIONS AND NOMENCLATURE**
   In this regulation, unless the contest otherwise specifies
   (i) "**Programme**" means Degree Programme (i.e) M.E. Degree Programme.
   (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 Master's Degree Programme candidates will be required to satisfy the conditions of admission thereto prescribed by the Government of Tamilnadu and Anna University, Chennai.

3. **BRANCHES OF STUDY**
   Branches will be offered at the time of admission to the programme. The following are the branches offered in this college.
   M.E. Structural Engineering
   M.E. Power Electronics and Drives
   M.E. Computer Aided Design
   M.E. Thermal Engineering
   M.E. Welding Technology

4. **MODES OF STUDY**
   4.1 Full Time: Candidates admitted under 'Full Time' should be available in the college/ Institution during all complete working hours for curricular, co-curricular and extra-curricular activities assigned to them.
   4.2 Part Time – Day Time: In this mode of study, the candidates are required to attend classes along with Full Time students as stipulated by the HOD concerned.
   4.3 A Full Time student is permitted to transfer to Part-time mode for valid reasons shall apply to the Head of the Institution through the Head of the Department. Permission may be granted based on merits of the case. Such transfer is not in the middle of a semester.
   4.4 A part Time student is not permitted to transfer to the full time mode of study.

5. **DURATION AND STRUCTURE OF THE PROGARMME**
   5.1 The Minimum and Maximum period of the P.G. Full Time & Part time programmes are given below:

Programme	Minimum Number of Semester	Maximum Number of Semesters
M.E. (Full Time)	4	8
M.E. (Part Time)	6	10

   5.2 The duration of the M.E. Degree Programme shall be 2years for Full Time and 3years for Part Time. Each academic year will be divided into two semesters. The number of working days shall be 80 days or 540 periods (which includes the days for conducting periodical tests) each of 50 minutes duration for full-time mode of study and 270 periods for Part time mode of study. The number of working days shall exclude study holidays, Government holidays and end – semester examination days. The Head of Department shall ensure that every teacher teaches the full content of the specified syllabus for the course being taught.

   5.3 Categorization of Courses

   Every M.E. programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

   i. **Professional Core (PC)** courses include the core courses relevant to the chosen specialization/ branch.
   ii. **Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.
   iii. **Open Elective (OE)** include courses opted by other department.
   iv. **Audit Course (AC) included as mandatory zero credit courses.**

   5.4 The courses of study shall be both theory and practical and shall be in accordance with the prescribed syllabi.
   5.5 A student who has passed all the courses prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve his/her marks in a course or the aggregate marks.
   5.6 The medium of instruction, examination and project report shall be English.
   5.7 Credit Assignment
   Each course is assigned certain number of credits based on the following

Contact period per week	CREDITS
1 Lecture Period	1
2 Practical Periods (Laboratory / Seminar /	1

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

Mandatory Courses (R 2022)-UG

GOVERNMENT COLLEGE OF ENGINEERING: SALEM 636011
(An Autonomous Institution Affiliated to Anna University, Chennai)
(NAAC ACCREDITED)
REGULATIONS 2022

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 2022-2023 and onwards)

1. **DEFINITIONS AND NOMENCLATURE**
   In this regulation, unless the contest otherwise specifies
   (i) **"Programme"** means Degree Programme (i.e) B.E. Degree Programme.
   (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 Programme candidates will be required to satisfy the conditions of admission thereto prescribed by the Government of Tamilnadu 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 admissions thereto prescribed by the Government of Tamilnadu and Anna University, Chennai.

3. **BRANCHES OF STUDY**
   Branches will be offered at the time 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 PROGARMME**
   4.1 The Minimum and Maximum period of the U.G. Full time programme are given below:
   The total duration for completion of the programme shall not exceed the maximum duration irrespective of the period of break of study (vide clause 25) or prevention (vide clause 11.6) in order that the student may be eligible for the award of the degree (vide clause 23)

Programme	Minimum	Maximum
B.E. (Regular Stream)	4 Years (8 Semesters)	7 Years (14 Semesters)
B.E. (Lateral Entry)	3Years (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 80 days or 540 periods (which includes the days for conducting periodical tests) each of 50 minutes 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 syllabi consisting of theory and practical courses that shall be categorized as follows:
   i. **Humanities and Social Sciences (HS)** courses include Technical English, Ethics and Human Values, Communication skills.
   ii. **Basic Sciences (BS)** courses include Mathematics, Physics, Chemistry, Biology, Physics laboratory, Chemistry laboratory, etc.
   iii. **Engineering Sciences (ES)** courses include Engineering practices, Computer Practice, Engineering Graphics, Engineering Mechanics, Basics of Electrical / Electronics / Mechanical / Civil/ Computer Engineering etc.
   iv. **Professional Core (PC)** courses include the core courses relevant to the chosen specialization/ branch.
   v. **Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.
   vi. **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. programmes and courses offered by the Departments under the Faculty of Science and Humanities.
   vii. **Employability Enhancement (EE) courses** includes Project Work, Mini Project, Seminar, Internship and Industrial/Practical Training/ Protosem/Nalaiya Theran.
   viii. **Mandatory Course** includes Environmental Science, Constitution of India, Induction Programme/NCC / NSS / SPORTS / YRC/Yoga activities.(Personality and Character Development Programme).

Extracts of Regulation 2022

PG Audit Course Included as mandatory Course (Disaster management)

Mandatory Courses (R 2022)-PG

GOVERNMENT COLLEGE OF ENGINEERING: SALEM 636011

(An Autonomous Institution Affiliated to Anna University, Chennai)

(NAAC ACCREDITED)

REGULATIONS 2022

CHOICE BASED CREDIT SYSTEM

Common to all M.E. (FULL TIME & PART TIME) DEGREE PROGRAMME

(For the students admitted to M.E Programme during the Academic year 2022-2023 and onwards)

1. DEFINITIONS AND NOMENCLATURE

In this regulation, unless the contest otherwise specifies

(i) "Programme" means Degree Programme (i.e) M.E. Degree Programme.

(ii) "Course" means a Theory or Practical subject that is normally studied in a semester, like Applied Mathematics, Advanced Thermodynamics, etc.,

(iii) "Head of the Institution" means the Principal of College who is responsible for all academic activities of the College and for implementation of relevant Rules and Regulations.

(iv) "Head of the Department (HOD)" means the Head of the Department concerned.

(v) "Controller of Examinations (COE)" means the Authority of the University who is responsible for all activities of the University Examinations.

2. ELIGIBILITY FOR ADMISSION

For admission to the Master's Degree Programme candidates will be required to satisfy the conditions of admission thereto prescribed by the Government of Tamilnadu and Anna University, Chennai.

3. BRANCHES OF STUDY

Branches will be offered at the time of admission to the programme. The following are the branches offered in this college.

M.E. Structural Engineering

M.E. Power Electronics and Drives

M.E. Computer Aided Design

M.E. Thermal Engineering

M.E. Welding Technology

M.E. Communication System

4. MODES OF STUDY

4.1 Full Time: Candidates admitted under 'Full Time' should be available in the college/ Institution during all complete working hours for curricular, co-curricular and extra-curricular activities assigned to them.

4.2 Part Time – Day Time: In this mode of study, the candidates are required to attend classes along with Full Time students as stipulated by the HOD concerned.

4.3 A Full Time student is permitted to transfer to Part-time mode for valid reasons shall apply to the Head of the Institution through the Head of the Department. Permission may be granted based on merits of the case. Such transfer is not in the middle of a semester.

4.4 A part Time student is not permitted to transfer to the full time mode of study.

5. DURATION AND STRUCTURE OF THE PROGARMME

5.1 The Minimum and Maximum period of the P.G. Full Time & Part time programmes are given below:

Programme	Minimum Number of Semester	Maximum Number of Semesters
M.E. (Full Time)	4	8
M.E. (Part Time)	6	10

5.2 The duration of the M.E. Degree Programme shall be 2years for Full Time and 3years for Part Time. Each academic year will be divided into two semesters. The number of working days shall be 80 days or 540 periods (which includes the days for conducting periodical tests) each of 50 minutes duration for full-time mode of study and 270 periods for Part time mode of study. The number of working days shall exclude study holidays, Government holidays and end – semester examination days. The Head of Department shall ensure that every teacher teaches the full content of the specified syllabus for the course being taught.

5.3 Categorization of Courses

Every M.E. programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

i. **Professional Core (PC)** courses include the core courses relevant to the chosen specialization/ branch.

ii. **Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.

iii. **Open Elective (OE)** include courses opted by other department.

iv. **Audit Course (AC)** included as mandatory zero credit courses.

5.4 The courses of study shall be both theory and practical and shall be in accordance with the prescribed syllabi.

5.5 A student who has passed all the courses prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve his/her marks in a course or the aggregate marks.

5.6 The medium of instruction, examination and project report shall be English.

5.7 Credit Assignment