

**FACULTY OF ENGINEERING
RULES & REGULATIONS**

**For
Four Year Degree Programme of**
(With effect from the academic year 2021–22)

(Approved by College Academic Council on 14th July, 2021)

Empower Women - Impact The World



**STANLEY COLLEGE OF ENGINEERING
AND TECHNOLOGY FOR WOMEN**

(AUTONOMOUS)

(Affiliated to Osmania University)

(Accredited by NAAC with “A” Grade, Accredited by NBA)

Abids, Hyderabad - 500 001, Telangana.

**B.E. PROGRAMMES
(Full – Time)**

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STANLEY COLLEGE OF ENGINEERING AND TECHNOLOGY FOR WOMEN (AUTONOMOUS)

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ABIDS, HYDERABAD - 500001, Telangana

ACADEMIC RULES AND REGULATIONS OF FOUR YEAR B.E. REGULAR DEGREE PROGRAMME APPLICABLE FOR THE STUDENT BATCHES ADMITTED FROM THE ACADEMIC YEAR 2021–22

PREAMBLE

Stanley College of Engineering and Technology for Women – a temple of learning was established in the year 2008 on a sprawling 6-acre campus of historic Stanley College campus at Abids, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the global competition with a smile on the face and emerge victorious. Stanley College of Engineering and Technology for Women has been established with the Executive board of Methodist Church of India that has been gracious and instrumental in making the vision of an Engineering College on this campus a reality. The College is affiliated to the prestigious Osmania University, Hyderabad. It has been approved by AICTE, New Delhi, recognized by the Government of Telangana. The College is Accredited by NAAC with ‘A’ Grade & All eligible Under Graduate (UG) Courses by NBA. It has been sanctioned with six UG-Courses: B.E. in Computer Science & Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Technology Computer Engineering and Artificial Intelligence and Data Science as well as three PG Courses: M.Tech in CSE, M.E in Embedded Systems and Masters Degree in Business Administration.

Preliminary Definitions and Nomenclature

These rules are applicable to the students who are admitted to B.E (Eight Semesters) programme from the academic year 2021-22. The preliminary definitions and nomenclature are furnished in the following table.

Rules & Regulations

| S.No | Keywords | Definition |
|-------------|------------------------|--|
| 1 | Programme | An educational programme leading to award of Degree B.E |
| 2 | Admission Procedure | As prescribed by Government of Telangana |
| 3 | Academic Year | Two consecutive (one odd + one even) semesters constitute One academic year. |
| 4 | Semester | Each semester will consist of 16 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June. |
| 5 | Course | A course usually covers an individual subject. All Courses need not carry the same weight. The Courses should define learning objectives and learning outcomes. |
| 6 | Course Content | Course content comprises of lectures/ tutorials/ laboratory work/Project work / seminars/ Exams/viva/assignments/ presentations/self-study/ Internships /Field Works etc. Or a combination of some of these. The medium of instruction, examinations and project report will be in English |
| 7 | Credit | A unit by which the course work is measured. It determines the number of hours of instructions required per week. |
| 8 | Credit Point | It is the product of grade point and number of credits for a course |
| 9 | Letter Grade | It is an index of the performance of students in a said course. Grades are denoted by letters like S,A,B,C,D, E etc. |
| 10 | Grade Point | It is a numerical weight allotted to each letter grade on a 10-point scale. |
| 11 | SGPA | Semester Grade Point Average (SGPA), it is a measure of performance of work done in a semester. It is the ratio of total credit points secured by a student in various Courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places. |
| 12 | CGPA | Cumulative Grade Point Average (CGPA), it is a measure of overall cumulative performance of a student overall semesters. The CGPA is the ratio of sum of product of SGPA |

Rules & Regulations

| | | |
|----|-------------|--|
| | | in a semester and credits of that semester to the total of credits of all semesters. It is expressed up to two decimal places. |
| 13 | Grade Sheet | Based on the grades earned, a grade sheet shall be issued to all the registered students after every semester. The grade sheet will display the course details (Course title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester. |
| 14 | STLW | Stanley College of Engineering and Technology for Women |

UNDER - GRADUATE DEGREE PROGRAMMES ON OFFER :

STLW offers a 4-year (8 semesters) Bachelor of Engineering (B.E.) degree programme with effect from the academic year 2021 - 22 onwards, in the branches as shown in the following table.

Table - B.E. Programmes of study on offer

| S. No. | Branch | Code | Sanctioned Intake |
|--------|---|------|-------------------|
| 1. | Computer Science and Engineering | CSE | 180 |
| 2. | Electronics and Communication Engineering | ECE | 120 |
| 3. | Electrical and Electronics Engineering | EEE | 60 |
| 4. | Information Technology | IT | 120 |
| 5. | Computer Engineering | CME | 60 |
| 6. | Artificial Intelligence and Data Science | ADS | 60 |

I. ADMISSION :

- The eligibility criteria for admission into engineering programmes offered at STLW shall be as prescribed by the Government of Telangana. The criteria are given below:
- The candidate shall be an Indian National / NRI.
- The candidate should have completed 16 years of age as on 31st December of the academic year for which the admissions are being conducted.
- The candidate should have passed the qualifying examination (10+2) or equivalent as on the date of admission recognized by Board of Intermediate Education (BIE), Telangana State.
- Seats in each programme in the Institute are classified into two categories i.e., Category – A and Category – B as per the GOs.

Category – A Seats

These seats shall be filled through counseling as per the rank secured by a candidate in the Common Entrance Test (TSEAMCET) conducted by the Government of Telangana and as per other admission criteria laid down in the GOs.

Category – B Seats

These seats shall be filled by the Institute as per the GOs issued by the Government of Telangana from time to time.

Direct Admission to Second Year : (Lateral Entry Scheme)

A candidate shall be admitted into the third semester based on the rank secured by the candidate in the Engineering Common Entrance Test TSECET (For Diploma Holders)] by the Government of Telangana and as per other admission criteria laid down in the Gos of the Government of Telangana.

MEDIUM OF INSTRUCTION :

The medium of instruction shall be English for all the Courses including their content delivery and examinations, seminars, presentations and project evaluation as prescribed in the programme curriculum.

B.E. PROGRAMME STRUCTURE :

The structure of the B.E. programmes on offer at STLW are based on the Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) as defined by the UGC and the curriculum/course structure as suggested by the AICTE in its Model Curriculum.

Semester Scheme :

The B.E. programmes offered at STLW follow semester scheme pattern.

The duration of a B.E. programme shall be of 4 academic years

Each academic year shall have 2 semesters i.e., odd and even semesters and shall be counted as first semester, second semester, third semester and so on upto eighth semester.

Each semester shall consist of 16 weeks of academic work excluding external examination and evaluation.

Each semester is structured to provide credits totaling to 160 credits for the entire B.E. programme.

Each semester shall have ‘Continuous Internal Evaluation (CIE)’ and ‘Semester End Examination (SEE)’.

Each student shall secure a total of 160 credits with a CGPA e” 4.5 required for the completion of the UG programme and the award of the B.E.degree.

A student after securing admission into a B.E. programme at STLW shall pursue and acquire the B.E. degree in a minimum period of four academic years i.e., 8 semesters and a maximum period of six academic years i.e., 12 semesters starting from the date of commencement of First year First semester, failing which the student shall forfeit the seat in B.E. programme.

II. DURATION AND PROGRAMME OF STUDY

Semester Duration: The duration of the program is eight semesters (four years) such as I, II, III, IV, V, VI, VII and VIII semesters. Each academic year shall comprise two semesters. Instruction per semester 16 weeks and each semester of study shall normally consist of 90 working days. A student is expected to complete the B.E. Programme in eight semesters for regular programme and in 6 semesters under lateral entry scheme.

| S.No | Duration | Particulars |
|-------------|-----------------|---|
| 1 | 16 weeks | Class Work including CIE |
| 2 | 2 Weeks | Preparation Holidays and Practical examinations |
| 3 | 2 Weeks | From Commencement of Theory Examinations (SEE) |
| 4 | 6 Weeks | Break / Supplementary / make-up examination / Mini Project / Internship |

No admission / readmission / promotion are entertained after four weeks of the commencement of instruction.

In case there are any court cases consequent to which the authorities are compelled to admit any candidate after the announced last date of admissions, the admission (seat) of such a student would be reserved for the subsequent year on a supernumerary basis. No refund of Tuition fee will be made after the commencement of instruction for students who wish to cancel their admission. The schedules of study of all programmes are regulated by the Academic Council of the Stanley College of Engineering and Technology for Women.

Each candidate will be allotted to one of the programs at the time of admission, strictly depending on the merit secured at the Entrance Examination, and subject to the rules in force regarding reservations of seats. Under CBCS, programme duration shall be defined by the period in which a student earns the prescribed credits for the award of B.E. degree.

Normal Duration :

- ❖ The duration of the B.E. degree programme shall be four years.
- ❖ The duration of the B.E. lateral entry scheme (LES) degree programme shall be three years.

Maximum Duration :

- ❖ Candidate who fails to fulfill all the requirements for the award of the degree as specified here in after within N+2 academic years from the time of admission, will forfeit her seat in the program and her admission will stand cancelled, where 'N' is the no. of years of program of study (4 years for B.E).
- ❖ The maximum period for a programme shall also be dictated by the fact that a student has to demonstrate the prescribed minimum academic performance by registering for the prescribed minimum number of credits in every semester, for continuing in the programme. This period can be equal to or lesser than the maximum period indicated as above.

Industrial Training/Internship

The student has to undergo Industrial Training/Internship and the earned will be indicated in the Mark Sheet. The student is allowed to undergo a three Industrial Training / Internship during the entire duration of study.

| Duration of Training / Internship | Credits |
|-----------------------------------|---------|
| 2 Weeks | 1 |
| 4 Weeks | 2 |
| 6 Weeks | 3 |

Project Work

Eight Semester is dedicated to Project work. However one subject is offered online. This subject pursuing is as per the student choice. A subject identified and recognized by the department can be done either during the project work or extra subject in VI to VII semester through NPTEL/SPOKEN TUTORIAL/Course Era etc. For students who wants to continue in the department or College on PE/OE will be offered online. For exams the students has to come to college and write.

The Project can be carried out in the industry locally or out of City. For students who could not accommodated in industry or not interested will be given chance to do the PW in the college. All the students should give weekly report to the department guide (For industry doing students also will be allotted one internal guide) and should present the progress to Department Review Committee for every month online or offline. After completing the project work they should submit the report in prescribed proforma and physically present for examination.

Types of Courses in the Programme

Courses in a programme will be of the following kinds :

| | Course Work and Subject Area |
|-----------------------------|---|
| HS | Humanities, Social Sciences and Management |
| BS | Basic Sciences including Mathematics, Physics and Chemistry |
| ES | Engineering Sciences including Workshop, Drawing, Basic Electrical/ Electronics |
| PC | Professional Core Subjects |
| PE | Professional Elective Subjects relevant to be chosen specialization/branch |
| OE | Open Elective Subjects from other technical subjects |
| PW | Project Work, Seminars, Internship in industry or elsewhere |
| MC | Mandatory (non-credit) Courses |
| AC | Audit (non-credit) Courses |
| TOTAL OF 160 CREDITS | |

Contact hours and credits (Courses and Credit Structure)

The norms for course credits are as follows:

Lecture (L) / Tutorials (T): One (1) hour per week is assigned one (1) credit

Practical (P): Two (2) hours session per week is assigned one (1) credit

For example, a theory course with a L-T-P schedule of 2-1-0 will be assigned three (3) credits.

| L | T | P | C |
|---|---|---|---|
| 2 | 1 | 0 | 3 |

A laboratory practical course with a L-T-P schedule of 1-0-3 will be assigned two and half (2.5) credits.

| L | T | P | C |
|---|---|---|-----|
| 1 | 0 | 3 | 2.5 |

Structure :

Every B.E. programme of study shall be designed to have theory and laboratory Courses. In addition, a student shall carry out internship, industry oriented mini-project, project, design sensitization, design thinking and other Courses as prescribed in the curriculum of the programmes.

REGISTRATION OF COURSES

- ❖ Every admitted student shall be assigned to a Faculty advisor who shall advise and counsel the student about the details of the academic programme, rules and regulations and the choice of Courses considering the students' academic background and career objectives.
- ❖ Each student on admission shall register for all the Courses prescribed in a semester of study including open electives.
- ❖ Every student shall enroll for the Courses of the succeeding semester at the end of the current semester. However, the student shall confirm the enrolment by registering for the Courses before the three working days of the commencement of the concerned semester. Online registration of Courses including open electives, extracurricular and co- curricular Courses will be provided and students should visit the college website for details.
- ❖ The registration of the Courses (such as professional electives, open electives etc) by the students in each semester apart from the compulsory Professional Courses as prescribed by the department concerned shall be completed within the stipulated period and on or before the due date prescribed. Change of professional electives and open electives will not be entertained after the due date.
- ❖ No course shall be offered by a Department unless a minimum of 20 students for elective course. After registering for a course, a student shall attend the classes, to satisfy the academic requirements for attending the semester end examinations.
- ❖ The enrolment for all the Courses of the even Semester will commence 15 working days prior to the last working day of odd Semester. The student shall confirm the enrolment by registering for the Courses before the three working days of the commencement of the even semester. However, the student can register for Courses for which the student has not enrolled, if these are the Courses in which the student has failed. No change of course under any circumstances will be entertained once registration of Courses is completed.

III. RULES AND REGULATIONS OF ATTENDANCE

2. Candidates admitted to a particular program of study are required to pursue a "Regular program of study" before they are permitted to appear for the Semester End Examination.
3. "A regular program of study" means putting in attendance of not less than 75% in each semester.
4. a) In special cases and for sufficient cause shown, the Chairman Academic Council may, on the specific recommendations of the Principal / Head of the Department,

condone the deficiency in attendance to the extent of 10% on medical grounds subject to submission of medical certificate and payment of condonation fee.

- b) However, in respect of candidates who seek condonation of attendance due to pregnancy, the chairman Academic Council may condon the deficiency in attendance to the extent of 15% (as against 10% condonation for others) medical grounds subject to submission of medical certificate to this effect. Such condonation shall not be availed twice during the program of study.
5. The fee for condonation of attendance on medical grounds shall be Rs. 2000/- (Rupees Two Thousand only) payable through Demand Draft drawn in favour of the “Principal, Stanley College of Engg. & Tech. for Women.”
6. “Attendance of N.C.C / N.S.S Camps or Inter collegiate or Inter University or Inter State or International matches or debates or Educational Excursions or such other Inter University activities as approved by the authorities involving journeys outside the city in which the college is situated will not be counted as absence. (i) Such absence shall not exceed four (4) weeks per semester of the total period of instructions. (ii) Such leave should be availed with prior permission from the Principal and not be availed more than twice during the program of study. (iii) Without any prior permission, such leave shall be treated as absence. (iv) While calculating the attendance, the no. of classes not attended in each subject should be deleted in the denominator.
7. The attendance shall be calculated on the aggregate of the papers / Courses from the date of commencement of classes / date of readmission in case of detained candidates as per the almanac communicated by STLW.
8. In case of the candidates who fail to put in the required attendance in a program of study, she shall be detained in the same class and will not be permitted to appear for the Semester End Examination. Such candidates shall have to seek readmission into the same class during the subsequent year in order to appear for the examination after fulfilling the attendance requirements and on payment of requisite tuition fee.
9. a) Candidates admitted to the first year through an entrance test and do not have the requisite attendance but have not less than 40% attendance can seek readmission without once again appearing for the entrance test.
b) In respect of candidates of such programs where the admissions are governed through an entrance test, candidates of First semester who do not have the minimum 40% attendance would lose their seat and they will have to seek admission afresh by appearing at the entrance test once again.

IV. SCHEME OF INSTRUCTION AND EXAMINATION

ASSESSMENT PROCEDURES FOR AWARDING MARKS

All B.E. programmes consist of Theory Courses, Laboratory Courses and Employability Enhancement Courses. Employability Enhancement Courses include Project Work, Seminar, Professional Practices, Case Study and Industrial/Practical Training.

Appearance in End Semester Examination is mandatory for all Courses including theory, laboratory and project work. Performance in each course of study shall be evaluated based on (i) Continuous Assessments throughout the semester and (ii) End Semester Examination at the end of the semester. The evaluation shall be based on Outcome Based Education (OBE). For Theory Courses out of 100 marks, the maximum marks for continuous assessment is fixed as 40 and the end semester examination carries 60 marks. For Laboratory Courses out of 100 marks, the maximum marks for continuous assessment is fixed as 40 and the end semester examination carries 60 marks. The Project credits including Mini & Major Projects, Field works & Internships, Technical Seminars & Paper writing etc. are 16.

Each course shall be evaluated for a maximum of 100 marks as shown below:

| S.No | Category of course | Continuous Assessments | End-Semester Examinations |
|------|---|------------------------|---------------------------|
| 1. | Theory Courses / Theory Courses with Laboratory | 40 Marks | 60 Marks |
| 2. | Laboratory Courses | 40 Marks | 60 Marks |
| 3. | Project | 80 Marks | 120 Marks |

DISTRIBUTION OF MARKS AND EVALUATION METHODOLOGY:

The performance of a student in each semester shall be evaluated course wise with a maximum of 100 marks for theory and 100 marks for practical Courses. In addition, design sensitization, design thinking, internship, industry oriented mini-project, project stage-I and project stage-II Courses shall be evaluated for 100 marks each.

Theory Courses :

- ❖ The syllabus for the theory Courses shall be divided into FIVE units and each unit carries equal weightage in terms of marks distribution.
- ❖ For theory Courses, the distribution of marks shall be 40 marks for Continuous Internal Evaluation (CIE) and 60 marks for the Semester End Examination (SEE).

Continuous Internal Evaluation (CIE – 40 M):

- ❖ Continuous Internal Evaluation (CIE) shall consist of sessional examination (Internal Exam– 25 M), Quiz (Q-5M), Assignment (A-5M) Class Assessment (CA- 5 M).

Internal Examination (25 M):

- ❖ For theory Courses, Two sessional/Internal exams will be conducted compulsory. The optional third sessional/Internal exam with full syllabus will be conducted. Average of best two sessional Exams shall be calculated and used as the final sessional marks for each course. Each sessional examination shall be evaluated for 25 marks.
- ❖ Question paper pattern for sessional examination (25 Marks) shall be as follows:
PART-A: 5 X 2 M = 10 M
All questions are compulsory.
PART-B: 3 X 5 M = 15 M
- ❖ In Part-B three out of four questions have to be answered.

Class Assessment (CA -5M):

The CA marks of each subject will be acquired by performing any one of the following activity during the semester.

| Activity | Max.Marks (5M) |
|---|-----------------------|
| Technical Participations in inter College Competitions / Paper Presentations / Publications | 5 Per Activity |
| Certification Courses (SWAYAM,NPTEL or Relevant online Recommended Course etc) | 5 Per Activity |
| Course Project/Project Based Learning (PBL) (Group of three Students) | 5 Per Activity |
| Viva (Conducted by Course Committee) | 5 |

The valuation and verification of answer scripts of CIE shall be completed within a week after the conduct of the examination.

Semester End Examination (SEE - 60 M):

- The SEE shall be conducted at the end of semester for a total of 60 marks of 3 hours duration.
- The syllabus for the theory Courses shall be divided into FIVE units and each unit carries equal weightage in terms of marks distribution.

Question paper pattern for SEE (60 Marks) shall be as follows:

PART-A: 5 X 2 M = 10 M

- a. There shall be one question from each unit.
- b. All questions are compulsory.

PART-B: 5 X 10 M = 50 M

- a. There shall be one question from each unit with internal choice i.e., 'either' 'or' choice.
- b. The student shall answer one question from each UNIT.
- c. There could be a maximum of two sub divisions in a question i.e., (a) and/or (b).

The evaluation of BE project (Project - II / Fulltime Internship) for semester end examination consists of a maximum of 200 marks which will be distributed as per the guidelines given below:

The evaluation of BE project (Project - II / Fulltime Internship) for semester end examination consists of a maximum of 200 marks which will be distributed as per the guidelines given below:

- i) 60 Marks are allocated for quality of the project work covering
 - a. Literature-review, - 10
 - b. Innovation / Originality - 10
 - c. Methodology - 20
 - d. Relevance / Practical application which will be awarded jointly by the internal and external examiners. - 20
- ii) 60 Marks are allocated for candidate's presentation and performance in terms of her viva-voce examination and overall subject knowledge and overall subject knowledge and output/outcome/Results.

V. RULES OF PROMOTION

| S.No. | Semester / Class | Conditions to be fulfilled |
|--------------|------------------------------------|---|
| 1. | From I-Semester to II-Semester | Regular Program of study of BE I Semester |
| 2. | From II-Semester to III-Semester | Regular program of study of B.E. II-Semester and must have earned at least 50% of credits (rounded to the next nearest integer) prescribed for B.E. I-Semester and II-Semester. |
| 3. | From III-Semester to IV-Semester | Regular program of study of B.E. III-Semester. |
| 4. | From IV-Semester to V-Semester | Regular program of study of B.E. IV-Semester and No. of backlog credits, if any of B.E. I, II, III and IV-Semester put together shall not exceed 50% (rounded to the next nearest integer) of the total number of credits prescribed for the B.E. III & IV-Semester |
| 5. | From V-Semester to VI- Semester | Regular program of study of B.E. V-Semester |
| 6. | From VI- Semester to VII- Semester | Regular program of study of B.E. VI-Semester and No. of backlogs, if any of B.E. I to VI-Semester put together shall not exceed to 50% (rounded to the next nearest integer) of the total number of credits prescribed for the B.E. V & VI - Semester |
| 7. | From VII-Semester to VIII-Semester | Regular program of study of B.E. VII-Semester |

Note:

1. If a candidate has more than permitted number of credits as backlogs, she will be detained.
2. The candidate who wishes to take readmission into the year in which she is detained have to pay the total tuition fee of that year and all the credits earned during that year shall become null and void.

VI. GRADING SYSTEM

1. Candidates who have passed all the examinations of the B.E. Degree Program shall be awarded CGPA in accordance with the grade secured by them in all eight Semesters taken together, including the sessional marks secured in those semesters.

The grade secured shall be shown in the memorandum of marks as per the performance in SEE and CIE.

A minimum Cumulative Grade Point Average (CGPA) of 4.5 is required for the award of Degree. The consolidated memorandum of marks will reflect the credits / grade scored in each subject.

SEMESTER GRADE POINT AVERAGE (SGPA) & CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$\text{SGPA} = \frac{\sum(\text{Letter Grade Point}_i \times \text{Credit}_i)}{\sum(\text{Credit}_i)}$$

where i ranges over all Courses in that semester

$$\text{CGPA} = \frac{\sum(\text{SGPA}_j \times \text{Credits}_j)}{\sum(\text{Credits}_j)}$$

where j ranges over all semesters upto which the CGPA is computed.

- a. SGPA is calculated upto second decimal point and it is calculated only when all subjects in that semester are cleared / passed.
- b. CGPA at a given point of Semester is calculated upto second decimal point. It is calculated only when total credits earned are equal to total credits prescribed as per scheme upto a semester in which the candidate has last appeared for SEE.

Illustration of calculation of SGPA :

| Course Name | Course Credits (C) | Letter Grade | Grade Point (GP) | Credit Point (CP = C x GP) |
|----------------------|---------------------------|---------------------|----------------------------|-----------------------------------|
| Course 1 | 3 | O | 10 | 3 x 10 = 30 |
| Course 2 | 4 | A | 9 | 4 x 9 = 36 |
| Course 3 | 3 | B | 8 | 3 x 8 = 24 |
| Course 4 | 3 | C | 7 | 3 x 7 = 21 |
| Course 5 | 3 | D | 6 | 3 x 6 = 18 |
| Course 6 | 4 | E | 5 | 4 x 5 = 20 |
| TOTAL CREDITS | 20 | | TOTAL CREDIT POINTS | 149 |

Thus, SGPA = $149/20 = 7.45$

Illustration of calculation of CGPA upto II semester :

| Semester | Course Name | Course Credits (C) | Letter Grade Secured | Grade Point (GP) | Credit Point (CP = C x GP) |
|-----------------|--------------------|---------------------------|-----------------------------|-------------------------|-----------------------------------|
| I | Course 1 | 4 | O | 10 | 40 |
| I | Course 2 | 4 | A | 9 | 36 |
| I | Course 3 | 4 | B | 8 | 32 |
| I | Course 4 | 1.5 | C | 7 | 10.5 |
| I | Course 5 | 1.5 | D | 6 | 9 |
| I | Course 6 | 3 | E | 5 | 15 |
| I | Course 7 | 1 | O | 10 | 10 |
| II | Course 8 | 4 | A | 9 | 36 |
| II | Course 9 | 4 | B | 8 | 32 |
| II | Course 10 | 2 | C | 7 | 14 |
| II | Course 11 | 3 | D | 6 | 18 |
| II | Course 12 | 1.5 | E | 5 | 7.5 |
| II | Course 13 | 1 | O | 10 | 10 |
| II | Course 14 | 2 | A | 9 | 18 |
| II | Course 15 | 2.5 | B | 8 | 20 |

SGPA of I Sem = $152.5/19 = 8.03$

SGPA of II Sem = $155.5/20 = 7.78$

CPGA upto II Sem = $(8.03 \times 19 + 7.78 \times 20) / 39 = 7.9$

The above illustrated process of calculation of CGPA shall be followed for each subsequent semester until eight semesters.

The CGPA obtained at the end of eight semesters shall be the final CGPA secured by the student for the entire B.E. programme.

GRADE CARD :

The grade card issued shall contain the following:

- a. The credits for each course offered in that semester.
- b. The letter grade and grade point awarded in each course.
- c. The SGPA/CGPA.
- d. Total number of credits earned by the student up to the end of that semester.

REVALUATION :

- Student can register for the revaluation by paying a prescribed fee.
- The Controller of Examinations (CoE) shall arrange for the revaluation and declare the results.
- Revaluation shall not be permitted to the Courses other than theory Courses.

CREDIT TRANSFER :

Credit transfer of a student from other Institution to STLW is permitted for undergraduate programme as per the GOs from the Government of Telangana.

Credit transfer from another Institution to STLW:

- A student studying in another Institution can take transfer to STLW against notification and orders issued by the Government of Telangana, under the following conditions:
- When a student seeks transfer, equivalent credits shall be assigned to the student based on the Courses studied earlier by the student.
- The student, when transferred from other Institution, must follow the rules and regulations of STLW.
- To graduate from STLW, a transferred student must study at least half of the minimum duration prescribed for a programme at STLW.

WITH-HOLDING OF RESULTS :

- If a student has not paid the pending dues to the institute/if any case of indiscipline/malpractice is pending against him, the results of such student shall be withheld.
- The issue of the award of the provisional certificate and the B.E. degree is liable to be withheld in such cases.

VII. AWARD OF DEGREE

The degree of bachelor of engineering will be conferred on candidate who has pursued a regular program of study of four academic years as hereinafter prescribed in the scheme of instruction and has passed all the examinations as prescribed in the scheme of examinations. Credits should get 160 for a student to be eligible to get Under Graduate degree in Engineering.

To obtain degree, the student shall have passed in all the Courses and secured the number of credits as prescribed in the course structure of program offered by department concerned and should obtain a CGPA of at least 4.5 and shall not have any disciplinary actions pending against him/her. The award of division secured in the degree on 10-point scale is given below:

| CGPA SCORE | DIVISION AWARDED |
|-----------------------------|---------------------------------|
| 7.50 and above (7.50-10.00) | First Division with distinction |
| Above 6.50 and below 7.50 | First Division |
| Above 5.50 and below 6.50 | Second Division |
| Above 4.50 and below 5.50 | Pass division |
| Below 4.50 | Fail |

The CGPA and Division (Class) awarded will be mentioned on Consolidated Marks Memo (CMM) and Provisional Certificate (PC).

VIII. AWARD OF GOLD MEDAL

- a. A student securing highest CGPA in single attempt is eligible for award of Gold Medal.
- b. A readmitted student is not eligible for Gold medal.

RULES AND REGULATIONS FOR AWARD OF HONOUR DEGREE

A student with distinction division will be eligible to get Under Graduate degree with Honours or additional Minor Engineering, if she completes an additional 20 credits. These could be acquired through MOOCs. (A Massive Open Online Course (MOOC) is a free Web-based distance learning program that is designed for the participation of large numbers of geographically dispersed students. A MOOC may be patterned on a college or university course or may be less structured). If a student fails in one subject and attended supplementary exams those students are not eligible for awarding Honors Degree.

IX. Improvement of Overall Score

1. A Candidate who wishes to improve her Overall score may do so within one academic year immediately after having passed all the examinations of the B.E. Degree program, by reappearing in not more than two semester (all subjects pertaining to the semester taken together) examinations.
2. For the award of the Overall score, she will have the benefit of the higher of the two aggregates of marks/grade secured in the corresponding semester(s).

X. General Rules of Examination

- ❖ Procedures and the conduction of Exams will be as per Osmania University.
- ❖ The three mid exams in a semester and the average marks of best two exams will be taken as final CIE marks.
- ❖ The CIE marks will be divided as 25M-Exam, 5M-Assignment, 5M-Quiz, 5M-CA. In Mid exam, the Part-A all questions to be answered and choices will be given in Part-B.
- ❖ The Practical Examination marks distribution is followed as 40M (Internal), 60M (External) and there will be three internal Exams in a semester.
- ❖ The distribution of Lab internal Marks as 10M (Continuous Assessment), 10M (Record), 20M (Exam (10M Write up+10M for viva)).
- ❖ The grading and Malpractice system will be same as Osmania University.
- ❖ The procedure for detention and rejoining of students can be changed by case to case by approval of Academic Council/ CAS.
- ❖ The rankers of each department will be given upto Top 10 ranks.
- ❖ The attendance system as per Osmania University.

XI. TRANSITORY REGULATIONS:

1. Whenever a Course or Scheme of Instruction is revised/modified in a particular semester/year, two more examinations immediately following thereafter shall be conducted according to the old syllabus/regulations, provided the content in the course has changed more than 40%.
2. Candidates not appearing at the examinations or failing in them shall take the examination subsequently according to the revised syllabus and regulations.

XII. RANGE OF CREDITS

Credit system will be implemented in each semester. The credit hours for each theory course, laboratory sessions, Skill Development Courses and project work are clearly mentioned in the scheme of instruction.

Rules & Regulations

Absolute / Relative grading system is adopted in awarding the letter grades. The marks are converted to grades based on pre-determined class interval. As per the UGC recommendations a 10-point grading system with the following letter grades are used:

| Academic Performance (%) | Letter Grade | | Grade Points |
|---------------------------------|---------------------|-------------|---------------------|
| 90 ≤ Marks ≤ 100 | O | Outstanding | 10 |
| 80 ≤ Marks ≤ 90 | A | Excellent | 9 |
| 70 ≤ Marks ≤ 80 | B | Very Good | 8 |
| 60 ≤ Marks ≤ 70 | C | Good | 7 |
| 50 ≤ Marks ≤ 60 | D | Average | 6 |
| 40 ≤ Marks ≤ 50 | E | Pass | 5 |
| 0 ≤ Marks ≤ 40 | F | Fail | 0 |
| Ab | Absent | 0 | |

XIII. MALPRACTICE AND AWARD OF PUNISHMENT

| S.No | Malpractice | Award of Maximum Punishment |
|-------------|---|--|
| 1. | Possession of the prohibited (written or printed) papers, books, notes during the examination period but which were not used. | Shall be debarred from appearing at the subsequent papers of the examination apart from cancelling the result of the examination in which she had indulged in malpractice. |
| 2. | Matter relevant to the examination being written on any part of the body or on the clothes worn, or in the instruments, wrappings, etc. | -do- |
| 3. | Attempting to take help from any prohibited papers, notes, written or printed matter, writings on the walls, furniture and attempting to take help from or giving help to other regarding answer to any question or questions of the examination paper. | -do- |
| 4. | Taking help from or consulting of prohibited written or printed material; consulting and/ or taking help from or helping other examinee during the examination period inside the examination hall or outside it; | -do- |

Rules & Regulations

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| | with or without their consent, or helping other candidate to receive help from anyone else. | |
| 5 | An examinee who attempts to disclose his/her identity to the paper valuer by writing his/her roll number at a place other than the place prescribed for it, or by writing his/her name or any coded message or an examinee who makes an appeal to the paper valuer in the answer book | Cancelling the result of that paper |
| 6 | Writing such as invocation of GOD's name in any form. | To be ignored |
| 7 | Writing on the question paper or other papers; the answer to questions, rough work, etc., with no intention of passing it on to another examinee. | warned not to do so |
| 8 | Using abusive and obscene language in the answer book. | Cancellation of the result of that paper |
| 9 | Examinee allowing or destroying prohibited material found in his Possession or acting in any other manner with a view to destroy evidence. | Cancellation of the result of all Examinations taken or proposed to be taken during that session and prohibiting his/her admission to or continuation in any course of the University for a period of one year |
| 10 | Refusing to obey instructions of the Chief Superintendent/Invigilator | Cancelling the result of that paper |
| 11 | Smuggling an answer book / additional answer book/matter into or out of the examination hall. | Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his / her admission to or continuation in any course of the Institution for a period of the year. |
| 12 | Inserting in or removing from the answer book/additional answer book of any sheet. | -do- |
| 13 | Substituting wholly or partly an answer book / additional answer book. | |

Rules & Regulations

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| 14 | Impersonation even at a single examination. | To be dealt with as per law |
| 15 | Cases of examinees when conspiring to interchange in Roll Nos. | Cancellation of the result of all examinations taken or proposed to be taken during that session and Prohibiting their Admission or constitution in any course of the University for a period of one year |
| 16 | Creation of disturbance or otherwise misbehaving in and around the examination hall during or before the examination | Cancelling the results of all examinations taken or proposed to be taken during that session and prohibiting admission into or continuation in any course of study for a period of two years. |
| 17 | Guilty of assaulting/abusing intimidating any person connected with the examination work any time before, during or after the examination | Cancelling the result of all examinations taken or proposed to be taken during that session and the next session and prohibiting admission into or continuation in any course for a period of two years. |
| 18 | Punishments for malpractices not defined here would be recommended on the merits of the individual cases by the Malpractices committee. | |

XIV. RULES OF CONDUCT OF STUDENTS

- ❖ The college premises and buildings shall be kept clean; writing and sticking posters and notices on the building walls is strictly prohibited.
- ❖ Students are not permitted to resort to strikes and demonstrations within the college. Participation in any such activity shall automatically result in their dismissal from the college.
- ❖ No student unions, except professional associations, are permitted in the college.
- ❖ Any student responsible for bringing outsiders into the college campus for settling student disputes will be expelled from the college.
- ❖ The students may go on Industrial Tours on their own expense. The college will not defray any expenses of the tour.

Rules & Regulations

- ❖ The students are expected to be regular in their class work and should conduct themselves in a disciplined manner. They should abide by such rules of discipline and conduct as stipulated by the college from time to time.
- ❖ Fees must be paid in one installment within two weeks of 1st Semester in the College.
- ❖ The principal of the college is the final authority as regards the discipline in the institution and has full powers to suspend, fine, rusticate and take any other action, which is deemed necessary.
- ❖ The conduct of the students should be exemplary, not only within the premises of the college but also outside.
- ❖ The students are informed that they should furnish the latest addresses of their parents/guardians in the Principal's Office. Any change of address of the parents/guardian should also be informed immediately, in the college office.
- ❖ Ragging is prohibited. Any student participating in ragging is liable to be summarily expelled from the college without any enquiry. Ragging on campus and off campus is strictly prohibited and it is a cognizable offence. The college has constituted Anti-Ragging Committee, vigilance teams, anti-ragging squads involving the police officers, senior faculty, etc., as per the Act.

REVISION OF REGULATIONS AND CURRICULUM

The curriculum and syllabi under this regulation will be for Two years. However, the Academic Council of the College reserves the right to revise or change or amend the regulations, the scheme of examinations, the curriculum and the syllabi from time to time if found necessary.