

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, PUTTUR

(AUTONOMOUS)

**(Approved by AICTE & Affiliated to JNTUA, Ananthapuramu)
(Accredited by NBA for Civil, EEE, Mech., ECE & CSE Accredited
by NAAC with 'A+' Grade)**

Puttur -517583, Tirupati District, A.P (India)



OUTCOME BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM

BACHELOR OF TECHNOLOGY (B.Tech.)

R26 Academic Regulations

UNDER AUTONOMOUS STATUS

**B.Tech. Regular Four Year Degree Programme
(for the batches admitted from the academic year 2026 - 27) &
B.Tech. (Lateral Entry Scheme)
(for the batches admitted from the academic year 2027 - 28)**

FOREWORD

Siddharth Institute of Engineering & Technology, Puttur, Tirupati District, Andhra Pradesh is an autonomous institution conferred by University Grants Commission (UGC), New Delhi based on its performance as well as future commitment and competency to impart quality education.

The autonomous regulations, course structure and syllabi have been prepared after intense and detailed interaction with several expertise solicited from academics, industry and research, in accordance with the vision and mission of the institute in order to produce a quality-engineering graduate to the society.

All the faculty, parents and students are requested to go through all the rules and regulations carefully. Any clarifications needed are to be sought at appropriate time with principal of the institute, without presumptions, to avoid unwanted subsequent inconveniences and embarrassments. The cooperation of all the stakeholders is sought for the successful implementation of the autonomous system in the larger interests of the institute and brighter prospects of engineering graduates.

Dr. P. Ramesh Kumar
Principal

ACADEMIC REGULATIONS

**B.Tech. Regular Four Year Degree Programme
(For the batches admitted from the academic year 2026 - 27)
&
B.Tech. (Lateral Entry Scheme)
(For the batches admitted from the academic year 2027 - 28)**

NOTE: The below framed academic regulations are subject to amendments as may be made by the Academic Council of the Institute from time to time. Any or all such amendments will be effective from such date and to such batches of students (including those already undergoing the programme) as may be decided by the Academic Council. The Jawaharlal Nehru Technological University Anantapur, Ananthapuramu shall confer B.Tech. Undergraduate degree to candidates who are admitted to the Bachelor of Technology Programmes and fulfill all the requirements for the award of the degree.

Academic Regulations (R26) for B.Tech (Regular-Fulltime)

(Effective for the students admitted in to I year from the Academic Year **2026-27** onwards)

1. Award of the Degree

- a) Award of the B.Tech. Degree / B.Tech. Degree with a Minor if he/she fulfils the following:
 - (i) Pursues a course of study for not less than four academic years and not more than eight academic years. However, for the students availing Gap year facility this period shall be extended by two years at the most and these two years would in addition to the maximum period permitted for graduation (Eight years).
 - (ii) Registers for 171 credits and secures all 171 credits.
- b) **Award of B.Tech. degree with Honours** if he/she fulfils the following:
 - (i) Student secures additional 18 credits fulfilling all the requisites of a B.Tech. program i.e., 171 credits.
 - (ii) Registering for Honours is optional.
 - (iii) Honours is to be completed simultaneously with B.Tech. programme.
- c) **Award of B.Tech. degree with Minors**
 - (i) Student secures additional 18 credits fulfilling all the requisites of a B.Tech. program i.e., 171 credits.
 - (ii) Registering for Minors is optional.
 - (iii) Minors is to be completed simultaneously with B.Tech. programme.

- 2. Students, who fail to fulfil all the academic requirements for the award of the degree within eight academic years from the year of their admission, shall forfeit their seat in B.Tech. course and their admission stands cancelled. This clause shall be read along with clause 1 (a) (i).

3. Admissions

Admission to the B.Tech. Program shall be made subject to the eligibility, qualifications and specialization prescribed by the A.P. State Government/University from time to time. Admissions shall be made either based on the merit rank obtained by the student in the common entrance examination conducted by the A.P.Government/University or

any other order of merit approved by the A.P.Government/University, subject to reservations as prescribed by the Government/University from time to time.

4. Program related terms

Credit: A unit by which the course work is measured. It determines the number of hours of instruction required per week. One credit is equivalent to one hour of teaching (Lecture/Tutorial) or two hours of practical work/field work per week.

Credit Definition:

1Hr. Lecture(L)per week	1credit
1Hr.Tutorial (T)per week	1credit
1Hr.Practical(P)per week	0.5credit
2Hrs.Practical(Lab)per week	1credit

- a) **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- b) **Choice Based Credit System (CBCS):** The CBCS provides a choice for students to select from the prescribed courses.

5. Semester/Credits:

- i) A semester comprises 90 working days and an academic year is divided in to two semesters.
- ii) The summer term is for eight weeks during summer vacation. Internship/apprenticeship / work-based vocational education and training can be carried out during the summer term, especially by students who wish to exit after two semesters or four semesters of study.
- iii) Regular courses may also be completed well in advance through MOOCs satisfying prerequisites.

6. Structure of the Undergraduate Programme

All courses offered for the undergraduate program (B.Tech.) are broadly classified as follows:

S.No.	Category	Break up of Credits (Total171)	Percentage of total credits	AICTE Recommendation (%)
1.	Humanities and Social Science including Management (HM)	15	9%	8 –9%
2.	Basic Sciences(BS)	22	13 %	12 -16%
3.	Engineering Sciences(ES)	26	15%	10– 18%
4.	Professional Core(PC)	57	33 %	30– 36%
5.	Electives – Professional (PE) &Open(OE);Domain Specific Skill Enhancement Courses(SEC)	35	20 %	19 -23%
6.	Internships & Project work(PR)	16	10 %	8 –11%
7.	Mandatory Courses (MC)	Non-credit	Non-credit	-

The total degree credits become 171, including 2 credits for the comprehensive online examination to be conducted in IV Year–I Semester. The syllabus for this online examination shall comprise core courses studied by the student up to IV Year – I Semester and this examination will be conducted by the University for both affiliated and autonomous colleges.

7. Course Classification:

All subjects/courses offered for the undergraduate programme in Engineering & Technology (B.Tech. degree programmes) are broadly classified as follows:

S.No.	Broad Course Classification	Course Category	Description
1.	Foundation Courses	Foundation courses	Includes Mathematics, Physics and Chemistry; fundamental engineering courses; humanities, social sciences and management courses
2.	Core Courses	Professional Core Courses (PC)	Includes subjects related to the parent discipline/department/branch of Engineering
		Professional Elective Courses (PE)	Include selective subjects related to the parent discipline/ department/ branch of Engineering

3.	Elective Courses	Open Elective Courses (OE)	Elective subjects which include interdisciplinary subjects or subjects in an area outside the parent discipline/department/branch of Engineering
		Domain specific skill enhancement courses (SEC)	interdisciplinary/job-oriented/domain courses which are relevant to the industry
4.	Project & Internships	Project	B.Tech. Project/ Major Project
		Internships	Summer Internships–Community based and Industry Internships; Industry oriented Full Semester Internship
5.	Audit Courses	Mandatory non credit courses	Covering subjects of developing desired attitude among the learners

8. Programme Pattern

- i. Total duration of the B.Tech (Regular) Programme is four academic years.
- ii. Each academic year of study is divided into two semesters.
- iii. Minimum number of instruction days in each semester is 90days.
- iv. There shall be mandatory student induction program for freshers, with a three-week duration before the commencement of first semester. Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations etc., are included as per the guidelines issued by AICTE.
- v. Health/wellness/yoga/sports and NSS /NCC /Scouts & Guides / Community service activities are made mandatory as credit courses for all the undergraduate students.
- vi. Courses like Environmental Sciences, Indian Knowledge System, Cybersecurity Awareness for Engineers, Gender Sensitization, Technical Paper Writing & IPR are offered as non-credit mandatory courses for all the undergraduate students.
- vii. Design Thinking & Tinkering Labs are made mandatory as credit courses for all the undergraduate students. All lateral entry students shall mandatorily complete the Design Thinking course as a Zero-Credit MOOC. The course shall be successfully completed before the award of the degree, preferably by the commencement of the III Year I Semester. The successful completion of the course shall be recorded and reflected in the IV Year II Semester marks

memorandum.

- viii. A comprehensive online examination will be conducted in IV Year - I Semester for 2 credits
- ix. Increased flexibility for students through an increase in the elective component of the curriculum, with 05 Professional Elective courses and 04 Open Elective courses.
- x. Professional Elective Courses, include the elective courses relevant to the chosen specialization/branch. Proper choice of professional elective courses can lead to students specializing in emerging areas within the chosen field of study.
- xi. A total of 04 Open Electives is offered in the curriculum.
- xii. While choosing the electives, students shall ensure that they do not opt for the courses with syllabus contents similar to courses already pursued.
- xiii. A pool of interdisciplinary/ job-oriented/ domain skill courses which are relevant to the industry are integrated into the curriculum of all disciplines. There shall be 05 skill-oriented courses offered during III to VII semesters. Among the five skill courses, four courses shall focus on the basic and advanced skills related to the domain/interdisciplinary courses and the other shall be a soft skills course.
- xiv. Students shall undergo mandatory summer internships, for a minimum of six-eight weeks duration at the end of second and third year of the programme. The internship at the end of second year shall be community oriented and industry internship at the end of third year.
- xv. There shall also be mandatory full internship in the final semester of the programme along with the project work.
- xvi. Undergraduate degree with Honours and Minors is introduced by the Institute for the students having good academic record.
- xvii. The Institute shall take measures to implement Virtual Labs (<https://www.vlab.co.in>) which provide remote access to labs in various disciplines of Engineering and will help student in learning basic and advanced concept through remote experimentation. Student shall be made to work on virtual lab experiments during the regular labs.
- xviii. The Institute shall assign a faculty advisor/mentor after admission to a group of students from same department to provide guidance in courses registration/

career growth/ placements/ opportunities for higher studies/ GATE/ other competitive exams etc.

- xix. Preferably 25% of course work for the theory courses in every semester shall be conducted in the blended mode of learning.

9. Evaluation Process

The performance of a student in each semester shall be evaluated subject wise with a maximum of 100 marks for theory and 100 marks for practical subject. Summer Internships shall be evaluated for 50 marks, Full Internship & Project work in final semester shall be evaluated for 200 marks, mandatory courses with no credits shall be evaluated for 30 mid semester marks.

A student has to secure not less than 35% of marks in the end examination and a minimum of 40% of marks in the sum total of the mid semester and end examination marks taken together for the theory, practical, design, drawing subject or project etc. In case of a mandatory course, he/she should secure 40% of the total marks.

Theory Courses

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

- For theory subject, the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End-Examination.
- For practical subject, the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End-Examination.
- If any course contains two different branch subjects, the syllabus shall be written in two parts with 3 units each (Part-A and Part-B) and external examination question paper shall be set with two parts each for 35 marks.
- If any subject is having both theory and practical components, they will be evaluated separately as theory subject and practical subject. However, they will be given same subject code with an extension of 'T' for theory subject and 'P' for practical subject.

a) Continuous Internal Evaluation

- i) For theory subjects, during the semester, there shall be two midterm examinations. Each midterm examination shall be evaluated for 30 marks of which 10 marks for objective paper (20 minutes duration), 15 marks for subjective paper (90 minutes duration) and 5 marks for assignment.
- ii) Objective paper shall contain for 05 short answer questions with 2 marks each or maximum of 20 bits for 10 marks. Subjective paper shall contain 3 either or type questions (totally six questions from 1 to 6) of which student has to answer one from each either-or type of questions. Each question carries 10 marks. The marks obtained in the subjective paper are condensed to 15 marks.

Note:

- The objective paper shall be prepared in line with the quality of competitive examinations questions.
 - The subjective paper shall contain 3 either or type questions of equal weightage of 10 marks. Any fraction shall be rounded off to the next higher mark.
 - The objective paper shall be conducted by the respective institution on the day of subjective paper test.
 - Assignments shall be in the form of problems, mini projects, design problems, slip tests, quizzes etc., depending on the course content. It should be continuous assessment throughout the semester and the average marks shall be considered.
- iii) If the student is absent for the mid semester examination, no re-exam shall be conducted and mid semester marks for that examination shall be considered as zero.
 - iv) First midterm examination shall be conducted for I, II units of syllabus with one either or type question from each unit and third either or type question from both the units. The second midterm examination shall be conducted for III, IV and V units with one either or type question from each unit.
 - v) Final mid semester marks shall be arrived at by considering the marks secured by the student in both the mid examinations with 80% weightage given to the better

mid exam and 20% to the other.

For Example:

Marks obtained in first mid: 25

Marks obtained in second mid: 20

Final mid semester Marks: $(25 \times 0.8) + (20 \times 0.2) = 24$

If the student is absent for any one midterm examination, the final mid semester marks shall be arrived at by considering 80% weightage to the marks secured by the student in the appeared examination and zero to the other. For Example:

Marks obtained in first mid: Absent

Marks obtained in second mid: 25

Final mid semester Marks: $(25 \times 0.8) + (0 \times 0.2) = 20$

b) End Examination Evaluation:

End examination of theory subjects shall have the following pattern:

- i) There shall be 6 questions and all questions are compulsory.
- ii) Question I shall contain 10 compulsory short answer questions for a total of 20 marks such that each question carries 2 marks. There shall be 2 short answer questions from each unit.
- iii) The questions from 2 to 6 shall be set by covering one unit of the syllabus for each question. In each of the questions from 2 to 6, there shall be either/or type questions of 10 marks each. Student shall answer any one of them

End examination of theory subjects consisting of two parts of different subjects, for

Example: Basic Electrical & Electronics Engineering shall have the following pattern:

- i) Question paper shall be in two parts viz., Part A and Part B with equal weightage of 35 marks each.
- ii) In each part, question 1 shall contain 5 compulsory short answer questions for a total of 5 marks such that each question carries 1 mark.
- iii) In each part, questions from 2 to 4, there shall be either/ or type questions of 10 marks each. Student shall answer any one of them.

- iv) The questions from 2 to 4 shall be set by covering one unit of the syllabus for each question.
- b) For practical courses, there shall be a continuous evaluation during the semester for 30 sessional marks and end examination shall be for 70 marks.
- i) Day-to-day work in the laboratory shall be evaluated for 15 marks by the concerned laboratory teacher based on the record / viva and 15 marks for the internal test.
- ii) The end examination shall be evaluated for 70 marks, conducted by the concerned laboratory teacher and a senior expert in the subject from the same department.
- Procedure: 20 marks
 - Experimental work & Results: 30 marks
 - Viva-voce : 20 marks.

In a practical subject consisting of two parts (Eg: Basic Electrical & Electronics Engineering Lab), the end examination shall be conducted for 70 marks as a single laboratory in 3 hours. Mid semester examination shall be evaluated as above for 30 marks in each part and final mid semester marks shall be arrived by considering the average of marks obtained in two parts.

- iii) For the subject having design and/or drawing, such as Engineering Drawing, the distribution of marks shall be 30 for mid semester evaluation and 70 for end examination.

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

Day-to-day work shall be evaluated for 15 marks by the concerned subject teacher based on the reports/submissions prepared in the class. And there shall be two

midterm examinations in a semester for duration of 2 hours each for 15 marks with weightage of 80% to better mid marks and 20% for the other. The subjective paper shall contain 3 either or type questions of equal weightage of 5 marks. There shall be no objective paper in mid semester examination. The sum of day-to-day evaluation and the mid semester marks will be the final sessional marks for the subject.

The end examination pattern for Engineering Graphics, shall consists of 5 questions, either/or type, of 14 marks each. There shall be no objective type questions in the end examination. However, the end examination pattern for other subjects related to design/drawing, multiple branches, etc. is mentioned along with the syllabus.

- iv) There shall be no external examination for mandatory courses with zero credits. However, attendance shall be considered while calculating aggregate attendance and student shall be declared to have passed the mandatory course only when he/she secures 40% or more in the internal examinations. In case, the student fails, a re-examination shall be conducted for failed candidates for 30 marks satisfying the conditions mentioned in item 1&2 of the regulations.
- v) The laboratory records and mid semester test papers shall be preserved for a minimum of 3 years in the respective institutions as per the University norms and shall be produced to the Committees of the University as and when the same are asked for.

NOTE

- **The end-semester examinations shall be conducted based on the theoretical components of the prescribed syllabus.**
- **Assignments shall be designed to incorporate AI-integrated elements of the syllabus to promote applied and experiential learning.**
- **The mid-semester examinations may include a combination of both theoretical content and AI-integrated components**

10. Skill oriented Courses

- i) There shall be five skill-oriented courses offered during III to VII semesters.

- ii) Out of the five skill courses two shall be skill-oriented courses from the same domain. Of the remaining three skill courses, one shall be a soft skill course and the remaining two shall be skill-advanced courses from the same domain/Interdisciplinary/Job oriented.
- iii) The course shall carry 100 marks and shall be evaluated through continuous assessments during the semester for 30 sessional marks and end examination shall be for 70 marks. Day-to-day work in the class/laboratory shall be evaluated for 30 marks by the concerned teacher based on the regularity/assignments/viva/mid semester test. The end examination, similar to practical examination pattern, shall be conducted by the concerned teacher and an expert in the subject nominated by the principal.
- iv) The Head of the Department shall identify a faculty member as coordinator for the course. A committee consisting of the Head of the Department, coordinator, and a senior faculty member nominated by the Head of the Department shall monitor the evaluation process. The marks/grades shall be assigned to the students by the above committee based on their performance.
- v) The student shall be given an option to choose either the skill courses being offered by the college or to choose a certificate course being offered by industries/Professional Bodies or any other accredited bodies. If a student chooses to take a Certificate Course offered by external agencies, the credits shall be awarded to the student upon producing the Course Completion Certificate from the agency. A committee shall be constituted by the Institute to evaluate the grades/marks given for a course by external agencies and convert them to the equivalent marks/grades.
- vi) The recommended courses offered by external agencies, conversions, and appropriate grades/marks are to be approved by the Institute at the beginning of the semester.
- vii) If a student prefers to take a certificate course offered by an external agency, the department shall mark attendance of the student for the remaining courses in that semester, excluding the skill course, in all the calculations of mandatory attendance requirements upon producing a valid certificate as approved by the Institute.

11. Massive Open Online Courses (MOOCs) :

To promote self-learning and lifelong learning, students are encouraged to enroll in Massive Open Online Courses (MOOCs) offered through SWAYAM, SWAYAM Plus, and NPTEL, or other Institute-approved platforms.

A student may earn up to 40% of the total credits prescribed in a semester through MOOCs, subject to the Institute's guidelines and equivalence requirements.

Further, every student shall mandatorily complete at least one MOOC course before the commencement of the IV Year II Semester. In addition, the Fifth Professional Elective (PE-V) and the Fourth Open Elective (OE-IV) shall be mandatorily completed through the SWAYAM/SWAYAM Plus platforms. This provision is intended to facilitate students in undertaking the Long-Term Internship during the final semester.

Accordingly, every student shall mandatorily complete a total of three MOOC courses for the award of the B.Tech. degree.

The following are the guidelines for MOOC courses.

- i. Students may earn a maximum of 40% of the credits in a semester through MOOCs for PE, OE, and SEC. Further, students of III and IV year are also permitted to pursue Core Courses (CC) through MOOCs.
- ii. All the courses for Honours and Minors may be studied through MOOCs platform
- iii. Students shall register for MOOCs courses of a minimum duration of either 8 weeks or 12 weeks with the prior approval of the Head of the Department. Credits shall be awarded as follows:
 - a) 2 credits for an 8-week course
 - b) 3 credits for a 12-week course
- iv. The National Credit Framework (NCrF) rating for the Course is 4.5 for UG program
- v. The Head of the Department shall nominate a faculty mentor to monitor the academic progress of students enrolled in MOOCs. It is also the responsibility of the mentor to see that the registered subjects are in the approved list provided by the Institute.
- vi. Students shall have the option to choose either the regular offline (classroom) mode or the SWAYAM mode for a particular subject. However, a student shall not be permitted to opt for both modes simultaneously for the same subject. Students opting for SWAYAM shall be exempted from attending regular classroom sessions for that

subject, and attendance shall not be counted. Further, Institution should not insist the student to opt SWAYAM course compulsorily.

- vii. All students in a class are not required to opt for the same SWAYAM course. Institutions shall arrange regular classes for students opting for offline mode, while the same faculty member may act as a mentor for students enrolled in the SWAYAM course. If all students opt for a SWAYAM course, the subject need not be included in the timetable; however, a mentor shall be assigned to address student queries as per mutual convenience.
- viii. Students who completed the prescribed assignments successfully and secured at least 40% of the internal marks shall be permitted to appear for the end-semester examination conducted either by the National Testing Agency (NTA)/NPTEL or by the institution. Institute-conducted examinations shall be held along with regular end-semester examinations, with a weightage of 70% for the end-term examination and 30% for assignments and quizzes evaluated by the SWAYAM Course Coordinator.
- ix. Credits shall be awarded only upon submission of a successful course completion certificate. Internal marks obtained through SWAYAM shall be extrapolated to 30 and external marks interpolated to 70, and shall exactly correspond to the marks secured by the student in the SWAYAM course.
- x. In case where Institute-prescribed passing marks are higher than SWAYAM's minimum requirements, the Institute norms shall prevail. In such cases, even if a student submits a SWAYAM certificate but fails to secure the Institute's minimum passing marks, the student shall be declared unsuccessful and must appear for the supplementary examination.
- xi. In cases where a student obtains less than the prescribed minimum internal marks (12 out of 30) in a SWAYAM course, and the said course is not offered again in the subsequent semester, the Institute may, through a special notification, conduct a full-course supplementary examination for 100 marks during the final semester of the programme. The examination shall be conducted in accordance with the Institute question paper pattern for 70 marks, strictly following the Institute-prescribed syllabus and it will be extrapolated to 100.
- xii. For SWAYAM courses where end-term examinations are conducted by the Institute, students shall not be issued a SWAYAM certificate.

- xiii. If a SWAYAM course carries more credits than the Institute course, credit transfer shall be restricted to the number of credits prescribed by Institute to maintain uniformity in total credit requirements. Credit transfer shall not be permitted if the SWAYAM course carries fewer credits than the Institute course.

Students who have qualified in the proctored examinations conducted through the MOOCs platform can apply for credit transfer as specified and are exempted from appearing for both the internal as well as the external examinations (for the specified equivalent credit course only) conducted by the Institute. Necessary amendments to the rules and regulations regarding the adoption of MOOC courses shall be proposed from time to time.

12. Credit Transfer Policy

Adoption of MOOCs is mandatory to enable the Blended Model of Teaching–Learning, as also envisaged in the NEP 2020. As per the University Grants Commission (Credit Framework for Online Learning Courses through SWAYAM) Regulations, 2016, the Institute shall allow up to a maximum of 40% of the credits in a semester being offered in a particular programme through SWAYAM/SWAYAM Plus courses on the MOOCs platform.

- i) The Institute shall offer credit mobility for MOOCs and give the equivalent credit weightage to the students for the credits earned through online learning courses.
- ii) Student registration for the MOOCs shall be only through the respective department of the institution. It is mandatory for the student to share the necessary information with the department.
- iii) Credit transfer policy will be applicable to the Professional Elective and Open Elective courses only.
- iv) The concerned department shall identify the courses permitted for credit transfer.
- v) The Institution shall notify, at the beginning of the semester, the list of the online learning courses eligible for credit transfer.
- vi) The Institution shall designate a faculty member as a Mentor for each course to guide the students from registration till completion of the credit course.
- vii) The Institute shall ensure that there is no overlap of MOOC examinations with the Institute examination schedule. In case of a delay in the declaration of results,

the Institute shall re-issue the mark sheet for such students.

- viii) Students pursuing courses under MOOCs shall acquire the required credits only after successful completion of the course and submission of the certificate issued by the competent authority, along with the percentage of marks and grades.
- ix) The Institution shall submit the following to the Examination Section of the Institute:
 - a) List of students who have passed MOOC courses in the current semester, along with the Certificate of Completion.
 - b) Undertaking form filled by the students for credit transfer.
- x) The Institute shall resolve any issues that may arise in the implementation of this policy from time to time and shall review its Credit Transfer Policy in the light of periodic changes brought by UGC, SWAYAM, NPTEL, and the State Government.

13. Academic Bank of Credits (ABC)

The Institute has implemented the Academic Bank of Credits (ABC) to promote flexibility in the curriculum as per NEP 2020 to provide option of mobility for learners across the universities of their choice

- i. Provide an option to gain credits through MOOCs from approved digital platforms.
- ii. Facilitate the award of Certificate/Degree in line with the accumulated credits in the Academic Bank of Credits (ABC).
- iii. Execute the Multiple Entry and Exit System with credit count, credit transfer, and credit acceptance from the students' Academic Bank of Credits (ABC) account.

14. Mandatory Internships

Summer Internships: Two summer internships with a minimum duration of 06 - 08 weeks (2 credits each), to be undertaken at the end of the Second Year and Third Year, respectively, are mandatory. These internships shall be completed in collaboration with local industries, Government Organizations, construction agencies, power projects, software MNCs, or any industries in the areas of the concerned specialization of the undergraduate programme. One of the two summer internships at the end of the Second

Year (Community Service Project) shall be society-oriented and shall be completed in collaboration with Government Organizations, NGOs, or other recognized organizations. The other internship at the end of the Third Year (Industry Internship) shall be completed in collaboration with industries. The student shall register for the internship as per the course structure after the commencement of the academic year. The guidelines issued by the APSCHE/University shall be followed for carrying out and evaluating the Community Service Project and Industry Internship.

Evaluation of the Summer Internships shall be carried out by the Departmental Committee. A student shall be required to submit a Summer Internship Report to the concerned department and appear for an oral presentation before the Departmental Committee comprising the Head of the Department, Mentor of the Internship, and a Senior Faculty Member of the department.

A Certificate of Successful Completion from the industry shall be included in the report. The report and the oral presentation shall carry 50% weightage each. The internship shall be evaluated for 50 external marks. There shall be no internal marks for the Summer Internship.

A student shall secure a minimum of 40% of marks for successful completion. In case a student fails, he/she shall reappear as and when the semester supplementary examinations are conducted by the Institute.

Full Semester Internship and Project work: In the Final Semester, the student shall mandatorily register for and undergo an Internship and, in parallel, work on a Project with well-defined objectives. At the end of the semester, the candidate shall submit an Internship Completion Certificate and a Project Report. A student shall also be permitted to submit a project report based on the work carried out during the internship.

The Long-Term Industry Internship undertaken in the Final Semester (IV Year – II Semester) shall be evaluated for 50 marks by a committee consisting of the Head of the Department along with two Senior Faculty Members of the department. Further, every student shall undertake at least one Industry Visit between the V and VII Semesters, as part of the mandatory internship and practical training requirements.

The Project Report shall be evaluated by an External Examiner. The total marks for Project Work shall be 200 marks (8 credits), distributed as 60 marks for Internal Evaluation and 140 marks for External Evaluation. The Supervisor shall assess the

student for 30 marks (Report: 15 marks; Seminar: 15 marks). At the end of the semester, all projects shall be showcased at the department for the benefit of all students and staff. The same shall be evaluated by the Departmental Project Review Committee, consisting of the Supervisor, a Senior Faculty Member, and the Head of the Department, for 30 marks.

The External Evaluation of the Project Work shall be a Viva-Voce Examination conducted in the presence of the Internal Examiner (Supervisor), Head of the Department, and an External Examiner appointed by the Institute, and shall be evaluated for 140 marks.

The college shall facilitate and monitor the student internship programmes. Completion of internships is mandatory. If any student fails to complete the internship, he/she shall not be eligible for the award of the degree. In such cases, the student shall repeat and complete the internship.

15. Student Development Program (SDP) – Department-Wise Workshop (Mandatory Non-Credit Course)

Each Department shall design and conduct a Student Development Programme (SDP)/Department-Wise Workshop relevant to its discipline for all B.Tech. students. The programme shall carry Zero Credits and shall be conducted at the end of the III B.Tech. I Semester.

The following guidelines shall govern the conduct and evaluation of the programme:

1. **Programme Planning:** The Head of the Department (HoD) shall prepare and notify the workshop schedule, syllabus/content, learning outcomes, and assessment plan at least two weeks prior to the commencement of the programme.
2. **Attendance:** Attendance in all workshop sessions shall be mandatory. Students shall attend the programme as per the notified schedule.
3. **Evaluation:** The programme shall be evaluated for a total of 50 marks, comprising:
 - **25 marks** for continuous assessment based on participation, assignments, practical activities, presentations, or other evaluation components prescribed by the Department; and
 - **25 marks** for a final examination to be conducted on the last day of the

workshop.

4. **Pass Requirements:** A student shall be declared to have successfully completed the programme only if he/she secures 40% marks in both:
5. **Submission of Marks:** The HoD shall submit the finalized marks list to the Controller of Examinations, in the prescribed format within the timeline notified by the Institute.
6. **Certification:** A **Workshop Completion Certificate** shall be issued only to those students who have successfully fulfilled the prescribed attendance and pass requirements.
7. **Supplementary Examination:** A student who fails to secure the minimum prescribed marks in either the continuous assessment or the final examination shall be required to appear for the supplementary examination conducted by the Institute in the subsequent semester, as per the Institute rules and schedule.

Successful completion of the Student Development Programme (SDP)/Department-Wise Workshop is mandatory for the award of the B.Tech. degree, and its completion status shall be reflected in the student's academic records.

16. Guidelines for offering a Minor

To promote interdisciplinary knowledge among the students, students admitted into the B.Tech. programme in a major stream/branch are eligible to obtain a Minor Degree in another stream.

- i) Minors is introduced in the curriculum of all B.Tech programmes offering a major degree and is applicable to all B.Tech. (Regular and Lateral Entry) students admitted in Engineering and Technology.
- ii) A student shall earn an additional 18 credits (comprising 5 theory courses and 2 laboratory/project courses, offered in tracks) for the award of the B.Tech. (Minor) Degree. This is in addition to the credits essential for obtaining the Undergraduate Degree in the Major Discipline (i.e., 171 credits).

- iii) A student is permitted to register for the Minor Programme in the IV Semester after the results of the III Semester are declared. Students may be allowed to take a maximum of two subjects per semester pertaining to the Minor Programme from the V Semester onwards.
- iv) The Principal of the Institute shall arrange separate class work and a timetable for the courses offered under the Minor Programme.
- v) Courses that are used to fulfil the student's Primary Major (Open Elective) may not be double-counted towards the Minor Programme. Courses with content substantially equivalent to courses in the student's Primary Major may not be counted towards the Minor Programme.
- vi) Students can complete the courses offered under the Minor Programme either in the college or through online platforms such as SWAYAM, with a minimum duration of 12 weeks for a 3-credit course and 8 weeks for a 2-credit course, satisfying the criteria for credit mobility. If the courses under the Minor Programme are offered in the conventional mode, the teaching and evaluation procedure shall be similar to that of the regular B.Tech. courses.
- vii) The attendance for the registered courses under the Minor Programme and the regular courses offered for the Major Degree in a semester shall be considered separately.
- viii) A student shall maintain a minimum attendance of 75% in all the registered courses under the Minor Programme to be eligible to appear for the Semester-End Examinations.
- ix) A student registered for the Minor Programme shall pass all the courses that constitute the requirements for the Minor Degree Programme. No class/division (i.e., Second Class, First Class, Distinction, etc.) shall be awarded for the Minor Degree Programme.
- x) If a student drops or is terminated from the Minor Programme, the additional credits earned up to that point shall not be converted into Open Elective or Core Elective credits; they shall remain as additional credits. However, such students shall receive a separate Grade Sheet mentioning the additional courses completed by them.
- xi) The Minor shall be mentioned in the Degree Certificate. Every Engineering Department in the Institution shall offer a Minor Programme. In addition, a Minor

Course on Quantum Computing shall be offered for all branches, with the curriculum framed by the Department of Computer Science and Engineering (CSE).

- xii) A student who fails in any course of the Minor Programme shall be permitted to appear for the corresponding Supplementary Examination(s) as per the Institute rules. However, the student shall successfully complete all the prescribed courses of the Minor Programme before the completion of the Major Degree Programme. Failure to do so shall result in the cancellation of admission to the Minor Programme, and no Minor credential shall be awarded.
- xiii) All the courses offered under the Minor Programme may also be pursued through MOOCs. The Bloom's Taxonomy Level for Minor courses shall be Level 3 and below.

17. Guidelines for offering Honours

The objective of introducing the B.Tech. (Honours) programme is to facilitate students to choose additional specialized courses of their choice and build their competence in a specialized area at the Undergraduate (UG) level. The programme is an excellent choice for academically outstanding students having a good academic record and an interest towards higher studies and research.

- i. Honours is introduced in the curriculum of all B.Tech. programmes offering a Major Degree and is applicable to all B.Tech. (Regular and Lateral Entry) students admitted in Engineering and Technology.
- ii. Students with a CGPA of 7.0 and no backlogs up to II Year I Semester are eligible to register for the Honours Programme.
- iii. A student shall earn an additional 18 credits (comprising 5 theory courses and 2 laboratory/project courses, offered in tracks) for the award of the B.Tech. (Honours) Degree from the same branch/department/discipline in which the student is registered for the Major Degree. This is in addition to the credits essential for obtaining the Undergraduate Degree in the Major Discipline (i.e., 171 credits).
- iv. A student is permitted to register for the Honours Programme in the IV Semester after the results of the III Semester are declared. Students may be allowed to take a maximum of two subjects per semester pertaining to the Honours Programme from the V Semester onwards.
- v. The Principal of the Institute shall arrange separate class work and a timetable for the courses offered under the Honours Programme.

- vi. Courses that are used to fulfil the student's Primary Major may not be double-counted towards the Honours Programme. Courses with content substantially equivalent to courses in the student's Primary Major may not be counted towards the Honours Programme.
- vii. Students can complete the courses offered under the Honours Programme either in the college or through online platforms such as SWAYAM, with a minimum duration of 12 weeks for a 3-credit course and 8 weeks for a 2-credit course, satisfying the criteria for credit mobility. If the courses under the Honours Programme are offered in the conventional mode, the teaching and evaluation procedure shall be similar to that of the regular B.Tech. courses.
- viii. The attendance for the registered courses under the Honours Programme and the regular courses offered for the Major Degree in a semester shall be considered separately.
- ix. A student shall maintain a minimum attendance of 75% in all the registered courses under the Honours Programme to be eligible to appear for the Semester-End Examinations.
- x. A student registered for the Honours Programme shall pass all the courses that constitute the requirements for the Honours Degree Programme. No class/division (i.e., Second Class, First Class, Distinction, etc.) shall be awarded for the Honours Degree Programme.
- xi. Registration for the Honours Programme shall continue even if the student fails in any of the regular courses after registration for the Honours Programme.
- xii. A student who fails in any course of the Honours Programme shall not be permitted to appear for the corresponding Supplementary Examination. In such cases, the student's registration for the Honours Programme shall be cancelled.
- xiii. If a student drops or is terminated from the Honours Programme, the additional credits earned up to that point shall not be converted into Open Elective or Core Elective credits; they shall remain as additional credits. However, such students shall receive a separate Grade Sheet mentioning the additional courses completed by them.
- xiv. The Honours shall be mentioned in the Degree Certificate as Bachelor of Technology (Honours) in XYZ. For example, B.Tech. (Honours) in Mechanical Engineering.
- xv. All the courses offered under the Honours Programme may also be pursued through MOOCs. The Bloom's Taxonomy Level for Honours courses shall be Level 3 and above.

Enrolment in to Honours:

- i) Students of a Department/Discipline are eligible to opt for the Honours Programme offered by the same Department/Discipline.
- ii) The enrolment of a student into the Honours Programme shall be based on the CGPA obtained

in the Major Degree Programme. The CGPA shall be considered up to the III Semester in the case of Regular Entry students and up to the III Semester in the case of Lateral Entry students. Students having a CGPA of 7.0 without any backlog subjects shall be permitted to register for the Honours Programme.

iii) If a student is detained due to a shortage of attendance either in the Major Degree Programme or in the Honours Programme, the registration for the Honours Programme shall be cancelled.

iv) Transfer of credits from the Honours Programme to the regular B.Tech. Degree and vice versa shall not be permitted.

v) The Honours Programme shall be completed simultaneously with the Major Degree Programme.

Registration for Honours/Minors:

i) The eligible and interested students shall apply through the Head of the Department (HOD) of their parent department. The entire process shall be completed within one week before the commencement of every semester. Selected students shall be permitted to register for the courses offered under the Honours/Minor Programme.

ii) The students enrolled in the Honours/Minor Programme shall be monitored continuously. An Advisor/Mentor from the parent department shall be assigned to a group of students to monitor their progress.

iii) There shall be no registration fee for the subjects offered under the Honours/Minor Programme in the offline mode at the respective institutions.

Failure & Supplementary Examination Procedure for Honours/Minor Courses

i) Time Limit for Completion:

The student shall successfully complete all the Honours/Minor Programme courses within the regular period of study prescribed for the B.Tech. Programme.

ii) Cancellation of Honours/Minor Registration:

If a student fails to complete all the requirements of the Honours/Minor Programme within the stipulated regular period of study, the registration for the Honours/Minor Programme shall stand cancelled. The additional credits earned under the Honours/Minor Programme shall remain as additional credits and shall not be counted towards the award of the Major Degree.

18. Attendance Requirements:

- i) A student shall be eligible to appear for the Institute External Examinations if he/she acquires a minimum of 40% attendance in each subject and 75% attendance in aggregate of all the subjects. Condonation of shortage of attendance in aggregate up to 10% (i.e., 65% and above but below 75%) in each semester may be granted by the College Academic Committee.
- ii) Shortage of attendance below 65% in aggregate shall in no case be condoned.
- iii) A stipulated fee shall be payable towards the condonation of shortage of attendance to the Institute.
- iv) Students whose shortage of attendance is not condoned in any semester shall not be eligible to appear for the End Semester Examinations, and their registration for that semester shall stand cancelled.
- v) A student shall not be promoted to the next semester unless he/she satisfies the attendance requirements of the present semester. Such students may seek readmission to that semester from the date of commencement of class work.
- vi) If any student fulfils the attendance requirement in the present semester, he/she shall not be eligible for readmission to the same class.
- vii) If teaching–learning is carried out in the Blended Mode (both offline and online), the total attendance of the student shall be calculated by considering both the offline and online attendance.
- viii) Attendance for the Induction Programme shall be maintained as per the AICTE norms.
- ix) Attendance in SWAYAM courses shall be excluded from the calculation of the student's overall attendance requirement for the semester.

19. Promotion Rules:

The following academic requirements shall be satisfied in addition to the attendance requirements mentioned in Section 16.

- i) A student shall be promoted from the First Year to the Second Year if he/she fulfils the minimum attendance requirement as per the Institute norms.
- ii) A student shall be promoted from the Second Year to the Third Year if he/she fulfils the academic requirement of securing 40% of the credits (any decimal fraction shall be

rounded off to the lower digit) in the subjects studied up to the III Semester.

iii) A student shall be promoted from the Third Year to the Fourth Year if he/she fulfils the academic requirement of securing 40% of the credits (any decimal fraction shall be rounded off to the lower digit) in the subjects studied up to the V Semester.

In case a student is detained for want of credits for a particular academic year, as specified in Clauses (ii) and (iii) above, the student may earn the required credits through the Supplementary Examinations. Only after securing the required credits shall he/she be permitted to join the V Semester or VII Semester, as the case may be.

iv) When a student is detained due to a shortage of credits or shortage of attendance, he/she may be re-admitted when the concerned semester is offered again, subject to the fulfilment of the academic regulations. In such cases, the student shall be governed by the academic regulations applicable to the batch into which he/she is re-admitted.

20. Grading:

As a measure of the student's performance, a 10-point Absolute Grading System using the following Letter Grades and the corresponding percentage of marks shall be followed. After each course is evaluated for 100 marks, the marks obtained in the course shall be converted into the corresponding Letter Grade, as given below, depending on the range in which the marks obtained by the student fall.

Structure of Grading of Academic Performance

Range in which the marks in the subject fall	Grade	Grade points
		Assigned
90 & above	S (Superior)	10
80-89	A (Excellent)	9
70-79	B (Very Good)	8
60-69	C (Good)	7
50-59	D (Average)	6
40-49	E (Below Average)	5
< 40	F (Fail)	0
Absent	Ab (Absent)	0

- i) A student obtaining Grade 'F' or Grade 'Ab' in a course shall be considered failed and shall be required to reappear for that course in the next Supplementary Examination.

- ii) For Non-Credit Audit Courses, "Satisfactory" or "Unsatisfactory" shall be indicated instead of a Letter Grade. These grades shall not be considered for the computation of the SGPA, CGPA, or Percentage of Marks.

Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

The Semester Grade Point Average (SGPA) is the ratio of the sum of the products of the number of credits and the grade points secured by a student in all the courses taken during a semester to the sum of the number of credits of all the courses registered by the student in that semester, i.e.,

$$SGPA = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

Where, C_i is the number of credits of the i^{th} subject and G_i is the grade point scored by the student in the i^{th} course.

The Cumulative Grade Point Average (CGPA) shall be computed in the same manner by considering all the courses successfully completed by a student across all semesters of the programme, i.e.,

$$CGPA = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

Where “ S_i ” is the SGPA of the i^{th} semester and C_i is the total number of credits up to that semester.

Both SGPA and CGPA shall be rounded off to two decimal places and reported in the transcripts.

While computing the SGPA, the courses in which the student has been awarded zero grade points shall also be included.

Grade Point: A numerical value assigned to each letter grade on a 10-point scale.

Letter Grade: An index indicating the performance of a student in a course. The letter grades are denoted by S, A, B, C, D, and F.

Award of Class:

After a student has satisfied the requirements prescribed for the completion of the programme and becomes eligible for the award of the B.Tech. degree, he/she shall be placed in one of the following four classes:

Class Awarded	CGPA Secured
First Class with Distinction	≥ 7.5
First Class	$\geq 6.5 < 7.5$
Second Class	$\geq 5.5 < 6.5$
Pass Class	$\geq 4.5 < 5.5$

Both CGPA and Marks shall be given in the marks memos.

21. With-holding of Results

If the candidate has any dues not paid to the Institution or if any case of indiscipline or malpractice is pending against him/her, the result of the candidate shall be withheld in such cases.

22. Multiple Entry/Exit Option

(a) Exit Policy:

The students can choose to exit the four-year programme at the end of first/second/third year.

- i) **UG Certificate in (Field of study/discipline)** - Programme duration: First year (first two semesters) of the undergraduate programme, followed by an additional exit 10-credit bridge course(s) lasting two months, including at least 6-credit job-specific internship/ apprenticeship that would help the candidates acquire job-ready competencies required to enter the work force.
- ii) **UG Diploma (in Field of study/discipline)** - Programme duration: First two years (first four semesters) of the undergraduate programme, followed by an additional exit 10-credit bridge course(s) lasting two months, including at least 6-credit job-specific internship/ apprenticeship that would help the candidates acquire job-ready competencies required to enter the workforce.
- iii) **Bachelor of Science (in Field of study/discipline) i.e., B.Sc. Engineering in (Field of study/ discipline)**- Programme duration: First three years (first six semesters) of the undergraduate programme.

(b) Entry Policy:

Modalities on multiple entry by the student into the B.Tech. programme will be provided in due course of time.

Note: The Universities shall resolve any issues that may arise in the implementation of

Multiple Entry and Exit policies from time to time and shall review the policies in the light of periodic changes brought by the UGC, AICTE, and the State Government.

23. Gap Year Concept:

The Gap Year concept for Student Entrepreneur in Residence is introduced, and outstanding students who wish to pursue entrepreneurship or become entrepreneurs are allowed to take a break of one year at any time after the II Year to pursue a full-time entrepreneurship programme or to establish start-ups. This period may be extended to a maximum of two years, and these two years shall not be counted towards the maximum duration prescribed for completion of the programme. The principal of the respective college shall forward such proposals submitted by the students to the Institute. An Evaluation Committee constituted by the Institution shall evaluate the proposal submitted by the student, and the Committee shall decide whether to permit the student(s) to avail the Gap Year or not.

24. Transitory Regulations

Discontinued, detained, or failed candidates are eligible for readmission as and when the semester is offered, after fulfilling the academic regulations. Candidates who have been detained for want of attendance, have not fulfilled the academic requirements, have failed after having undergone the course under earlier regulations, or have discontinued the programme and wish to continue the course are eligible for readmission into the unfinished semester from the date of commencement of classwork, with the same or equivalent subjects as and when such subjects are offered. They shall follow the academic regulations under which they are readmitted.

Candidates who are permitted to avail the Gap Year shall be eligible to rejoin the succeeding year of their B.Tech. programme from the date of commencement of classwork, and they shall follow the academic regulations under which they are readmitted.

25. Minimum Instruction Days for a Semester:

The minimum number of instructional days, including examinations, for each semester shall be 90 days.

26. Medium of Instruction

The medium of instruction for the entire B.Tech. Undergraduate Programme in

Engineering and Technology (including examinations and project reports) shall be English only.

27. Student Transfers:

Student transfers shall be governed by the guidelines issued by the Government of Andhra Pradesh and the Universities from time to time.

28. General Instructions:

- i) The academic regulations shall be read as a whole for the purpose of any interpretation.
- ii) The rules relating to malpractices, including the nature of offences and the corresponding punishments, are appended.
- iii) Wherever the words "he," "him," and "his" occur in these regulations, they shall also include "she," "her," and "hers," respectively.
- iv) In the case of any doubt or ambiguity in the interpretation of the above regulations, the decision of the Head of the Institution shall be final.
- v) The institute may change or amend the academic regulations or syllabi at any time, and such changes or amendments shall be applicable to all the students on the rolls with effect from the dates notified by the Universities.
- vi) In the case of any doubt or ambiguity in the interpretation of these guidelines, the decision of the Head of the Institution shall be final.

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ACADEMIC REGULATIONS (R26)
FOR B.TECH.(LATERALENTRYScheme)

*(Effective for the students admitted into II Year through the Lateral Entry Scheme
from the Academic Year 2027–28 onwards.)*

1. Award of the Degree

- (a) Award of the B.Tech. Degree / B.Tech. Degree with a Minor if he/she fulfils the following:
 - (i) Pursues a course of study for not less than three academic years and not more than six academic years. However, for the students availing Gap year facility this period shall be extended by two years at the most and these two years would in addition to the maximum period permitted for graduation (Six years).
 - (ii) Registers for 131 credits and secures all 131 credits.
- (b) Award of B.Tech. degree with Honours if he/she fulfils the following:
 - (i) The student shall secure an additional 18 credits, fulfilling all the requirements of the B.Tech. programme, i.e., a total of 131 credits.
 - (ii) Registering for the Honours Programme is optional.
- (c) The Honours Programme shall be completed simultaneously with the B.Tech. programme.
- (d) Award of B.Tech. degree with Minors
 - (i) The student shall secure an additional 18 credits, fulfilling all the requirements of the B.Tech. programme, i.e., a total of 131 credits.
 - (ii) Registering for the Minor Programme is optional.
 - (iii) Minor Programme shall be completed simultaneously with the B.Tech. programme.

2. Students who fail to fulfill the requirements for the award of the degree within six consecutive academic years from the year of admission shall forfeit their seat.

3. All Lateral Entry students shall mandatorily complete the Design Thinking course as a Zero-

Credit MOOC. The course shall be successfully completed before the award of the degree, preferably by the commencement of the III Year I Semester. The successful completion of the course shall be recorded and reflected in the IV Year II Semester Marks Memorandum.

4. Course Pattern

- i) The entire course of study shall be three academic years on the semester pattern.
 - ii) A student who is eligible to appear for the End Semester Examination in a course but is absent, or who has failed in the End Semester Examination, may appear for that course in the next Supplementary Examination offered.
 - iii) When a student is detained due to a shortage of credits or shortage of attendance, the student may be re-admitted when the semester is offered again. Upon fulfilling the academic regulations, the student shall be governed by the academic regulations that are in force at the time of his/her re-admission.
- 5 All other academic regulations, including those relating to attendance, examinations, promotion, evaluation, and the award of the degree, shall be the same as those prescribed for regular B.Tech. students, unless otherwise specified

RULES FOR

DISCIPLINARY ACTION FOR MALPRACTICES / IMPROPER CONDUCT IN

EXAMINATIONS

	Nature of Malpractices/Improper conduct	Punishment
	<i>If the candidate:</i>	
1.(a)	Possesses or keeps accessible in the examination hall any paper, notebook, programmable calculator, cell phone, pager, palm computer, or any other material concerned with or related to the subject of the examination (theory or practical) in which he/she is appearing, but has not made use of it. The term "material" shall include any markings on the body of the candidate that can be used as an aid in the subject of the examination.	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculator, palm computer, or any other material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects in which the candidate has already appeared, including practical examinations and project work. The candidate shall not be permitted to appear for the

		remaining examinations of that semester/year. The Hall Ticket of the candidate shall be cancelled and sent to the Institute.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from the examination hall. The candidate shall also be debarred from class work and all Institute examinations for four consecutive semesters. The continuation of the course by the candidate shall be subject to the academic regulations relating to the forfeiture of the seat. The performance of the original candidate who has been impersonated shall be cancelled in all the subjects of the examination (including practical examinations and project work) already appeared, and the candidate shall not be permitted to appear for the remaining examinations of that semester/year. If the involvement of the original candidate is established, the candidate shall also be debarred from class work and all Institute examinations for four consecutive semesters. Otherwise, the candidate shall be debarred from class work and all Institute examinations for two consecutive semesters. The continuation of the course shall be subject to the academic regulations relating to the forfeiture of the seat.

		If the imposter is an outsider, he/she shall be handed over to the police, and a case shall be registered against him/her.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects in which the candidate has already appeared, including practical examinations and project work. The candidate shall not be permitted to appear for the remaining examinations of that semester/year. The candidate shall also be debarred from class work and all Institute examinations for two consecutive semesters. The continuation of the course by the candidate shall be subject to the academic regulations relating to the forfeiture of the seat.
5.	Uses objectionable, abusive, or offensive language in the answer script or in letters addressed to the examiners, or writes to the examiner requesting the award of pass marks.	Cancellation of the performance in that subject only.
6.	Refuses to obey the orders of the Chief Superintendent /Assistant - Superintendent /Controller of Examination/ any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge,	In the case of students of the college, they shall be expelled from the examination hall, and their performance in that subject and all other subjects in which they have already appeared shall be cancelled. They shall not be permitted to appear for the remaining examinations of that semester/year. If the candidate physically assaults the Invigilator or the Officer-in-Charge of the Examinations, the candidate shall also be debarred from all Institute examinations and shall forfeit his/her seat.

	or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In the case of outsiders, they shall be handed over to the police, and a criminal case shall be registered against them.
7.	Leaves the examination hall carrying away the answer script, or intentionally tears the answer script or any part thereof, either inside or outside the examination hall..	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects in which the candidate has already appeared, including practical examinations and project work. The candidate shall not be permitted to appear for the remaining examinations of that semester/year. The candidate shall also be debarred from class work and all Institute examinations for two consecutive semesters. The continuation of the course by the candidate shall be subject to the academic regulations relating to the forfeiture of the seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects in which the candidate has already appeared, including practical examinations and project work. The candidate shall not be permitted to appear for the remaining examinations of that semester/year. The candidate shall also be debarred from all

		Institute examinations and shall forfeit his/her seat.
9.	If a student of the college, who is not a candidate for the particular examination, or any person not connected with the college, indulges in any malpractice or improper conduct mentioned in Clauses 6 to 8, appropriate disciplinary action shall be taken against such person in accordance with the rules and regulations of the institution and the Institute.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person (s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject only or in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester / year examinations, depending on the recommendation of the committee.
12.	Tampering of the NPTEL/SWAYAM/SWAYAM certificate	Cancellation of student performance in the entire semester
13.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be	

	reported to the Institute for further action to award suitable punishment.	
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Malpractices identified by squad or special invigilators

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions : (if the squad reports that the college is also involved in encouraging malpractices)
3. A show cause notice shall be issued to the college.
4. Impose a suitable fine on the college.
5. Shifting the examination center from the college to another college for a specific period of not less than one year.

Note:-

Whenever the performance of a student is cancelled in any subject/subjects due to Malpractice, he has to register for End Examinations in that subject/subjects consequently and has to fulfil all the norms required for the award of Degree.