

R.V.R. & J.C. COLLEGE OF ENGINEERING :: GUNTUR

(Autonomous)

Academic Regulations (R24) FOR Four Year BACHELOR OF TECHNOLOGY (B.Tech.) Degree Programme

(Effective for the students admitted into I year from the Academic Year 2024-25 onwards).

1 ADMISSIONS

Admission to the B. Tech Program shall be made subject to the eligibility, qualifications and specialization prescribed by the A.P. State Government/Acharya Nagarjuna 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/APSCHE or any other order of merit approved by the A.P. Government/APSCHE, subject to reservations as prescribed by the Government/APSCHE from time to time.

2 MEDIUM OF INSTRUCTION AND EXAMINATION

The medium of instruction of the entire B. Tech undergraduate programme in Engineering & Technology (including examinations and project reports) and the examination will be in English only.

3 MINIMUM INSTRUCTION DAYS

A semester comprises 90 working days and an academic year is divided into two semesters.

4 AWARD OF THE DEGREE

(a) **Award of the B.Tech. Degree** 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, the candidate admitted under lateral entry has to pursue a course of study for not less than three academic years and not more than six academic years.
- (ii) For the students availing Gap year facility maximum period permitted for graduation shall be extended by two years at the most and these two years would be in addition to the maximum period permitted for graduation.
- (iii) Registers for 160 credits and secures all 160 credits. However, the candidate admitted under lateral entry has to register and secure 120 credits

(b) **Award of B.Tech. degree with Minor** if he/she fulfils the following:

Student secures 12 credits from Minor stream chosen and fulfilling all the requisites of a B.Tech. program.

(c) **Award of B.Tech. degree with Honors** if he/she fulfils the following:

- (i) Student secures additional 15 credits fulfilling all the requisites of a B.Tech. program.
- (ii) Registering for Honors is optional and is to be completed simultaneously with B.Tech. programme.
- (ii) Student can opt for either Honors or Minor degree.

5 Students, who fail to fulfil all the academic requirements for the award of the degree within specified period 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 4 a) i).

6 PROGRAM RELATED TERMS

6.1 **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.

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

6.2 **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.

6.3 **Choice Based Credit System (CBCS):** The CBCS provides a choice for students to select from the prescribed courses.

7 ATTENDANCE REGULATIONS

7.1 A student shall be eligible to appear for the Semester End Examinations if he/she acquires 75% of attendance in aggregate of all the subjects.

7.2 A weightage in sessional marks up to a maximum of 5 marks out of 30 marks in each theory course shall be given for those candidates who put in a minimum of 75% attendance in the respective theory in a graded manner as indicated below:

Attendance of 75% and above but less than 80%	- 2 mark
Attendance of 80% and above but less than 85%	- 3 marks
Attendance of 85% and above but less than 90%	- 4 marks
Attendance of 90% and above	- 5 marks

7.3 Condonation of shortage in aggregate attendance may be recommended on genuine medical grounds, up to a maximum of 10% provided the candidate puts in at least 65% attendance as calculated in **clause 7.1**, provided the Principal is satisfied with the genuineness of the reasons and the conduct of the candidate.

7.4 A student will not be promoted to the next semester unless he/she satisfies the attendance requirements of the present semester. They may seek readmission for that semester from the date of commencement of class work.

7.5 If any candidate fulfils the attendance requirement in the present semester, he/she shall not be eligible for readmission into the same class.

7.6 If the learning is carried out in blended mode (both offline & online), then the total attendance of the student shall be calculated considering the offline and online attendance of the student.

8 EVALUATION

The performance of the candidates in each semester shall be evaluated Course wise. The performance of a student in each semester shall be evaluated subject wise with a maximum of 100 marks. Mandatory courses with no credits shall be evaluated for a maximum of 100 marks.

The distribution of marks between Continuous Internal Assessment and Semester End Examination is as follows:

Nature of the Courses	Continuous Internal Assessment Marks	Semester End Examination Marks
Theory Courses / Laboratory Courses / Design and / or Drawing Courses / Project work / Summer Internship / Skill Enhancement Courses	30	70
Mandatory Course	100	---
MOOC Course	---	100

a) Continuous Internal Evaluation:

- (i) In each of the Semesters, there shall be two Midterm examinations in every theory course. The Sessional marks to the midterm examinations shall be awarded giving a weightage of 15 marks out of 18 marks (80% approx.) to the midterm examination in which the candidate scores more marks and the remaining 3 marks (20% approx.) to the other midterm examination in which the candidate scores less marks.
- (ii) A maximum of five marks are allotted for attendance in the respective theory courses in a graded manner as indicated in **clause 7.2**. The remaining 7 marks out of the 30 marks earmarked for the sessional marks are awarded based on the average of minimum two online quiz tests and two Assignment Tests conducted by the concerned teacher in the respective theory courses.
- (iii) The evaluation for Laboratory class work consists of a weightage of 15 marks for day to day laboratory work including record work and 15 marks for internal laboratory examination including Viva-voce examination.

In case of Project work, the sessional marks shall be awarded based on the performance in two Seminars and the Project Report submitted at the end of the semester.

NOTE : A candidate who is absent for any Mid Term / online quiz Exam, for any reason whatsoever, shall be deemed to have scored zero marks in that Test / Exam and no Re-Exam shall be conducted.

- (iv) A candidate who could not secure a minimum of 50% aggregate sessional marks is not eligible to appear for the Semester End Examination and shall have to repeat that Semester.
- (v) The evaluation procedure of the courses offered in Honors Programme: There shall be two Mid Term examinations and two Assignment Tests in every course. The Sessional marks to the midterm examinations shall be awarded giving a weightage of 15 marks out of 18 marks (80% approx.) to the midterm examination in which the candidate scores more marks and the remaining 3 marks (20% approx.) to the other midterm examination in which the candidate scores less marks. The remaining 12 marks out of 30 marks earmarked for sessional marks are awarded based on the average of marks in two Assignment Test + Two online Quiz / Laboratory examinations.
- (vi) A candidate who could not secure a minimum of 50% sessional marks and 75% attendance in the Honors courses being attended is not eligible to appear for the Semester End Examination in that courses. Further candidates are not eligible to register for the remaining courses in the specified Honors Programme.

b) End Examination Evaluation:

- (i) End examination of theory subjects shall have the following pattern: There shall be 9 questions. All questions carries equal marks. Question 1 is compulsory and shall contain 1 mark questions covering all 4 units of syllabus. The remaining questions shall be either/or type questions from each unit.
- (ii) For practical courses, the examination shall be evaluated for 70 marks by the concerned laboratory teacher and a subject expert in the subject appointed by the principal.

Procedure: 20 marks, Experimental work & Results: 30 marks and Viva voce: 20 marks.

- (iii) 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 **Clause-1 & 2** of the regulations.
- (v) There is no supplementary examination for the Honors programme subjects.

9 MASSIVE OPEN ONLINE COURSES (MOOCs):

- 9.1 A Student has to pursue and complete one course compulsorily through MOOCs approved by the BoS of the concerned department. A student can pursue courses other than core through MOOCs and it is mandatory to complete one course successfully through MOOCs for awarding the degree. A student is not permitted to register and pursue core courses through MOOCs.
- 9.2 A student shall register for the course (Minimum of 8 weeks) offered through MOOCs with the approval of Head of the Department. The Head of the Department shall appoint one mentor to monitor the student's progression. The student needs to earn a certificate by passing the exam. The student shall be awarded the credits assigned in the curriculum only by submission of the certificate. Examination fee, if any, will be borne by the student.
- 9.3 Students who have qualified in the proctored examinations conducted through MOOCs platform can apply for credit transfer as specified and are exempted from appearing internal as well as external examination (for the specified equivalent credit course only) conducted by the college.

10 SKILL ORIENTED COURSES

- 10.1 There shall be seven skill enhancement courses offered during III to VII semesters for 10 credits.
- 10.2 Out of the seven skill courses one shall be skill-oriented course from the same domain. Of the remaining six skill courses, one shall be a soft skill course and the remaining five shall be from the Interdisciplinary/Employability/Job oriented.
- 10.3 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.

- 10.4 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.
- 10.5 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.
- 10.6 If a student prefers to take a certificate course offered by 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 BoS.
- 10.7 A committee shall be formed at the level of the college to evaluate the grades/marks given for a course by external agencies and convert to the equivalent marks/grades. The recommended conversions and appropriate grades/marks are to be approved by the Academic Council.

11 CREDIT TRANSFER POLICY

Adoption of MOOCs is mandatory, to enable Blended model of teaching-learning as also envisaged in the NEP 2020. As per University Grants Commission (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016, the University shall allow up to a maximum of 20% of the total courses being offered in a particular programme i.e., maximum of 32 credits through MOOCs platform.

- 11.1 Credit mobility for MOOCs shall be given with the equivalent credit weightage to the students for the credits earned through online learning courses.
- 11.2 Student registration for the MOOCs shall be only through the respective department, it is mandatory for the student to share necessary information with the department.
- 11.3 Credit transfer policy will be applicable to the Professional & Open Elective courses only.
- 11.4 The concerned department, at the beginning of semester, shall identify and notify the courses eligible/permitted for credit transfer.
- 11.5 The concerned department shall designate a faculty member as a Mentor for each course to guide the students from registration till completion of the credit course.
- 11.6 End semester examination schedule shall ensure no overlap with that of the MOOC exams. In case of delay in results, the marks sheet will re-issue for such students.
- 11.7 Student pursuing courses under MOOCs shall acquire the required credits only after successful completion of the course and submitting a certificate issued by the competent authority along with the percentage of marks and grades.
- 11.8 The concerned department shall submit 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, to the examination section.

12 ACADEMIC BANK OF CREDITS (ABC)

The college has implemented Academic Bank of Credits (ABC) to promote flexibility in curriculum as per NEP 2020 to

- 12.1 provide option of mobility for learners across the universities of their choice.

- 12.2 provide option to gain the credits through MOOCs from approved digital platforms.
- 12.3 facilitate award of certificate/diploma/degree in line with the accumulated credits in ABC.
- 12.4 execute Multiple Entry and Exit system with credit count, credit transfer and credit acceptance from students' account.

13 MANDATORY INTERNSHIPS

13.1 Summer Internships:

- 13.1.1 Students shall undergo mandatory summer internships either onsite or virtual for a minimum of two weeks duration at the end of second year and minimum of four weeks duration at the end of third year of the Programme. The student shall register for the internship as per course structure after commencement of academic year.
- 13.1.2 Internship at the end of second year (Community Service Project) shall be society oriented and shall be completed in collaboration with government organizations / NGOs & others.
- 13.1.3 Internship at the end of third year is Industry Internship and shall be completed in collaboration with Industries. It shall be completed in collaboration with local industries, Govt. Organizations, construction agencies, power projects, software MNCs or any industries in the areas of concerned specialization of the Undergraduate program.
- 13.1.4 Evaluation of the summer internships shall be through the departmental committee. A student will be required to submit a summer internship report to the concerned department and appear for an oral presentation before the departmental committee comprising of Head of the Department, supervisor of the internship and a senior faculty member of the department. A certificate of successful completion from industry shall be included in the report. The report and the oral presentation shall carry 50% weightage each. There shall be no internal marks for Summer Internship. A student shall secure minimum 40% of marks for successful completion. In case, if a student fails, he/she shall reappear as and when semester supplementary examinations are conducted.

13.2 Full Semester Internship and Project work:

- 13.2.1 In the final semester, the student should mandatorily register and undergo internship (onsite/virtual) and in parallel he/she should 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.
- 13.2.2 A student shall also be permitted to submit project report on the work carried out during the internship.
- 13.2.3 Completion of internship is mandatory, if any student fails to complete internship, he/she will not be eligible for the award of degree. In such cases, the student shall repeat and complete the internship.
- 13.2.4 The supervisor assesses the student for 15 marks (Report: 5 marks, Seminar: 10 marks). At the end of the semester, all projects shall be showcased at the department for the benefit of all students and staff and the same is to be evaluated by the departmental Project Review Committee consisting of supervisor, a senior faculty and HOD for 15 marks. The external evaluation of Project Work is a Viva-Voce Examination conducted in the presence of internal examiner and external examiner appointed by the principal and is evaluated for 70 marks.

14 MINOR PROGRAMME FRAMEWORK

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

- (i) The Minor program requires the completion of 12 credits in Minor stream chosen.
- (ii) Two courses for 06 credits related to a Minor are to be pursued compulsorily for the minor degree, but maybe waived for students who have done similar/equivalent courses. If waived for a student, then the student must take an extra elective course in its place. It is recommended that students should complete the compulsory courses (or equivalents) before registering for the electives.
- (iii) Electives (minimum of 2 courses) to complete a total of 12 credits.

Note: A total of 4 (Four) Open Electives are offered in the curriculum. A student can complete the requirement for Minor by opting for the courses offered through various verticals / tracks under Open Electives.

15 HONORS PROGRAMME FRAMEWORK

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

- (i) Honors is introduced in the curriculum of all B. Tech. programs offering a major degree and is applicable to all B. Tech (Regular and Lateral Entry) students admitted in Engineering & Technology.
- (ii) A student shall earn additional 15 credits for award of B.Tech.(Honors) degree from same branch/department/discipline registered for major degree. This is in addition to the credits essential for obtaining the Undergraduate degree in Major Discipline.
- (iii) Students can complete the courses offered under Honors either in the college or in online platforms like SWAYAM with a minimum duration of 12 weeks for a 3-credit course satisfying the criteria for credit mobility. If the courses under Honors are offered in conventional mode, then the teaching and evaluation procedure shall be similar to regular B.Tech courses.
- (iv) A student registered for Honors shall pass in all subjects that constitute the requirement for the Honors degree program. No class/division shall be awarded for Honors degree program.
- (v) A student registered for Honors fails to maintain a minimum of 7.00 CGPA in the subsequent semesters without backlogs, his/her registration for Honors program stands cancelled / will be terminated from the Honors program. However if he/she wants to study the courses offered in the program, they can continue. Such students will receive a grade sheet mentioning the additional courses completed by them.
- (vi) If a student drops or is terminated from the Honors program, the additional credits so far earned cannot be converted into open or core electives, they will remain extra. However, such students will receive a separate grade sheet mentioning the additional courses completed by them.
- (vii) Transfer of credits from Honors to regular B.Tech degree and vice-versa shall not be permitted.
- (viii) Honors is to be completed simultaneously with a Major degree program.
- (ix) Courses that are used to fulfil the student's primary major may not be double counted towards the Honors. Courses with content substantially equivalent to courses in the student's primary

Major may not be counted towards the Honors.

- (x) The Honors will be mentioned in the degree certificate as Bachelor of Technology (Honors) in XYZ. For example, B.Tech. (Honors) in Mechanical Engineering.

15.1 Enrolment into Honors:

- 15.1.1 Students of a Department / Discipline are eligible to opt for Honors program offered by the same Department / Discipline.
- 15.1.2 The enrolment of student into Honors is based on the CGPA obtained in the major degree program. CGPA shall be taken up to III semester in case of regular entry students and only III semester in case of lateral entry students. Students having 7.0 CGPA without any backlog subjects will be permitted to register for Honors.
- 15.1.3 The students enrolled in the Honors courses will be monitored continuously. An advisor/mentor from parent department shall be assigned to a group of students to monitor the progress.
- 15.1.4 If a student is detained due to lack of attendance either in Major or in Honors, registration shall be cancelled.

15.2 Registration for Honors:

- 15.2.1 A student is permitted to register for Honors in IV Semester after the results of III Semester are declared and students may be allowed to take maximum two subjects per semester pertaining to the Honors from V Semester onwards.
- 15.2.2 The eligible and interested students shall apply through the HOD of his/her parent department. The whole process should be completed within one week before the start of every semester. Selected students shall be permitted to register the courses under Honors.
- 15.2.3 The selected students shall submit their willingness to the principal through his/her parent department offering Honors. The parent department shall maintain the record of student pursuing the Honors.
- 15.2.4 The attendance for the registered courses under Honors and regular courses offered for Major degree in a semester are to be considered separately.
- 15.2.5 A student shall maintain an attendance of 75% in all registered courses under Honors to be eligible for attending semester end examinations in that courses.
- 15.2.6 If a student is detained due to lack of attendance in Major, registration shall be cancelled.
- 15.2.7 There is no fee for registration of subjects for Honors program offered in offline.

16 PROMOTION RULES

The following academic requirements must be satisfied in addition to the attendance and sessional marks

- 16.1 A student shall be promoted from first year to second year if he/she fulfils the minimum attendance requirement and minimum aggregate sessional marks as mentioned in **Clause-7, Clause-8.**
- 16.2 A student will be promoted from II to III year if he/she fulfils the academic requirement of securing 40% of the credits (any decimal fraction should be rounded off to lower digit) in the subjects that have been studied up to III semester.

- 16.3 A student shall be promoted from III year to IV year if he/she fulfils the academic requirements of securing 40% of the credits (any decimal fraction should be rounded off to lower digit) in the subjects that have been studied up to V semester.
- 16.4 In case a student is detained for want of credits for a particular academic year as mentioned in **16.2 & 16.3**, the student may make up the credits through supplementary examinations and only after securing the required credits he/she shall be permitted to join in the V semester or VII semester respectively as the case may be.
- 16.5 When a student is detained due to lack of credits/shortage of attendance / marks he/she may be re-admitted when the semester is offered after fulfilment of academic regulations. In such case, he/she shall be in the academic regulations into which he/she is readmitted.

17 CONDITIONS FOR PASS

A candidate shall be declared to have passed in individual course if he / she secures a minimum of 35% marks in theory and 50% marks in Practical courses/drawing courses/Project Viva-voce in Semester End Examination and minimum of 40% marks in both Sessional & Semester End Examination put together.

18 GRADING

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

S.No.	Range of Marks	Grade	Grade Points
1	≥ 90	A+	10.0
2	≥ 80 - < 90	A	9.0
3	≥ 70 - < 80	B	8.0
4	≥ 60 - < 70	C	7.0
5	≥ 50 - < 60	D	6.0
6	≥ 40 - < 50	E	5.0
7	< 40	F	0.0
8	Withdrawal / Absent	W	0.0

- 18.3 A student obtaining Grade 'F' or Grade 'W' in a subject shall be considered failed and will be required to reappear for that subject when it is offered the next supplementary examination.
- 18.4 A candidate who has earned 'F' grade and having less than 50% internal marks in any subject / course(s) upto Semester VII and who is on rolls of Semester VIII, can improve the internal marks by appearing the internal examination (in a maximum of SIX Subjects) conducted during Semester VIII. Internal examination will be conducted covering total syllabus for total internal marks earmarked for the specified course.
- 18.5 Non-credit audit courses Grades will not be counted for the computation of SGPA/CGPA/Percentage.
- 18.6 Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

The Semester Grade Point Average (SGPA) is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the

sum of the number of credits of all the courses undergone by a student, i.e.,

$$\frac{\sum [\text{No. of Credits} \times \text{Grade Points}]}{\sum \text{No. of Credits}}$$

CGPA will be calculated in a similar manner, considering all the courses up to that semester.

18.7 Both SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts. While computing the SGPA the subjects in which the student is awarded Zero grade points will also be included.

18.8 Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale. Letter Grade: It is an index of the performance of students in a said course.

18.9 Conversion of CGPA into equivalent Percentage : Percentage of Marks = (CGPA-0.50)×10

19 AWARD OF CLASS

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

S.No.	Class	CGPA
1	First Class With Distinction	7.5 or more
2	First Class	6.5 or more but less than 7.5
3	Second Class	5.5 or more but less than 6.5
4	Pass Class	5.0 or more but less than 5.5

20 IMPROVEMENT OF CLASS

A candidate, after becoming eligible for the award of the Degree, may improve the CGPA by appearing for the Semester End Examination in any of the theory course as and when conducted. But this provision shall be within a period of two academic years after becoming eligible for the award of the Degree. However, this facility cannot be availed by a candidate who has taken the Original Degree Certificate.

21 AWARD OF RANK

The rank shall be awarded based on the following:

21.1 Ranks shall be awarded in each branch of study for the top five percent of the candidates appearing for the Regular Semester End Examinations or the top ten candidates whichever is minimum.

21.2 Only such candidates who pass the Final year examination at the end of the fourth/third academic year after admission as regular final year candidate along with others in their batch and become eligible for the award of the degree shall be eligible for the award of rank. The Rank will be awarded only to those candidates who complete their degree within four/three academic years.

21.3 For the purpose of awarding rank in each branch, only such candidates who passed all courses in the first attempt only shall be considered.

22 WITH-HOLDING OF RESULTS

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

23 EXIT OPTION

- 23.1 The students can choose to exit the four-year programme at the end of First / Second / Third year.
- 23.2 **UG Certificate in (Field of study/discipline)** - Programme duration: First year (first two semesters) of the undergraduate programme, 40 credits 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.
- 23.3 **UG Diploma (in Field of study/discipline)** - Programme duration: First two years (first four semesters) of the undergraduate programme, 80 credits 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.
- 23.4 **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, 120 credits.

24 GAP YEAR

- 24.1 Gap year concept for Student Entrepreneur in Residence is introduced and outstanding students who wish to pursue entrepreneurship / become entrepreneur are allowed to take a break of one year at any time after II year to pursue full-time entrepreneurship programme/to establish startups. This period may be extended to two years at the most and these two years would not be counted for the time for the maximum time for graduation.
- 24.2 An evaluation committee constituted by the college 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.

25 TRANSITORY REGULATIONS

Discontinued, detained, or failed candidates are eligible for readmission as and when the semester is offered after fulfilment of academic regulations.

- 25.1 Candidates who have been detained for want of attendance or marks or not fulfilled academic requirements or who have failed after having undergone the course in earlier regulations or have discontinued and wish to continue the course are eligible for admission into the unfinished semester from the date of commencement of class work with the same or equivalent subjects as and when subjects are offered, subject to Section 2 and they will follow the academic regulations into which they are readmitted.
- 25.2 Candidates who are permitted to avail Gap Year shall be eligible for re-joining into the succeeding year of their B. Tech from the date of commencement of class work, subject to Section 5 and they will follow the academic regulations into which they are readmitted.

26 CONDUCT AND DISCIPLINE

- 26.1 Candidates shall conduct themselves within and outside the premises of the institute in a manner befitting the candidates of our institution.
- 26.2 As per the order of Honourable Supreme Court of India, ragging in any form is considered as a criminal offence and is banned. Any form of ragging will be severely dealt with.

- 26.3 The following acts of omission and / or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures with regard to ragging.
- a Lack of courtesy and decorum, indecent behaviour anywhere within or outside the campus.
 - b Wilful damage of college / individual property
 - c Possession, consumption or distribution of alcoholic drinks or any kind of narcotics or hallucinogenic drugs.
 - d Mutilation or unauthorized possession of library books.
 - e Noisy and unseemly behaviour, disturbing studies of fellow candidates.
 - f Hacking of computer systems (such as entering into other person's areas without prior permission, manipulation and / or damage of computer hardware and software or any other cyber-crime etc.)
 - g Usage of camera / cell phone in the campus
 - h Plagiarism of any nature
 - i Any other acts of gross indiscipline as decided by the academic council from time to time.
- 26.4 Commensurate with the gravity of offense, the punishment may be reprimand, fine, expulsion from the institute / hostel, debar from examination, disallowing the use of certain facilities of the institute, rustication for a specified period or even outright expulsion from the institute or even handing over the case to appropriate law enforcement or the judiciary, as required by the circumstances.
- 26.5 For an offence committed in (i) a hostel (ii) a department or in a class room and (iii) elsewhere, the chief warden, the head of the department and the principal respectively, shall have the authority to reprimand or impose fine.
- 26.6 Cases of adoption of unfair means and / or any malpractice in an examination shall be reported to the principal for taking appropriate action.
- 26.7 All cases of serious offence, possibly requiring punishment other than reprimand, shall be reported to the academic council.
- 26.8 The institute level standing disciplinary action committee constituted by the academic council shall be the authority to investigate the details of the offence, and recommend disciplinary action based on the nature and extent of the offence committed.
- 26.9 The principal shall deal with any academic problem, which is not covered under these rules and regulations, in consultation with the programmes committee in an appropriate manner, and subsequently such actions shall be placed before the academic council for ratification. Any emergency modification of regulation, approved by the appropriate authority, shall be reported to the academic council for ratification.
- 20.10 "Grievance and Redressal Committee" (General) constituted by the Principal shall deal with all grievances pertaining to the academic / administrative / disciplinary matters.

27 MALPRACTICES

- 27.1 The Principal shall refer the cases of malpractices in internal assessment tests and semester-end examinations to a malpractice enquiry committee constituted by him / her for the purpose. Such committee shall follow the approved scales of punishment. The principal shall take necessary action, against the erring candidates basing on the recommendations of the committee.

27.2 Any action on the part of a candidate during an examination trying to get undue advantage or trying to help another, or drive the same through unfair means is punishable according to the provisions contained hereunder. The involvement of the staff, who are in-charge of conducting examinations, valuing examination papers and preparing / keeping records of documents relating to the examinations in such acts (inclusive of providing incorrect or misleading information) that infringe upon the course of natural justice to one and all concerned in the examination shall be viewed seriously and recommended for award of appropriate punishment after thorough enquiry.

28 AMENDMENTS TO REGULATIONS

The College may, from time to time, revise, amend, or change the Regulations, Schemes of Examinations, and / or Syllabus.

0 - x - 0 - x - 0