

# SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

## ACADEMIC REGULATIONS

(Applicable for the students of B.Tech. from the Academic Year 2023-24)

### 1. UG – B.Tech. Programs

The following B.Tech. Programs are offered at present

- i) Civil Engineering (CE)
- ii) Electrical and Electronics Engineering (EEE)
- iii) Mechanical Engineering (ME)
- iv) Electronics and Communication Engineering (ECE)
- v) Computer Science and Engineering (CSE)
- vi) Information Technology (IT)
- vii) Artificial Intelligence and Data Science (AI&DS)
- viii) Internet of Things (IoT)
- ix) CSE (Artificial Intelligence and Machine Learning)

### 2. Duration of the Program

The duration of the program is four academic years consisting of eight semesters. However, a student is permitted to complete the course work of B.Tech. program in the stipulated time frame of **EIGHT** years from the date of joining. Students admitted into third semester of B.Tech. program directly, through Lateral Entry (LE), shall have to complete the course work of B.Tech. program in the stipulated time frame of **SIX** years from the date of joining. However, for the students availing Gap year facility, this period shall be extended by two years at the most and these two years would be in addition to the maximum period permitted for graduation (Eight years).

### 3. Minimum Instruction Days

Each semester consists of a minimum of ninety instruction days.

### 4. Award of B.Tech. Degree

- i) Each discipline of the B.Tech. program is designed to have a total of **160** credits and the student shall have to complete the four year course work and earn all the **160** credits for the award of B.Tech. Degree.
- ii) Students, who fail to complete their four years' course of study within eight years from the year of their admission or fail to acquire the **160** credits within this period shall forfeit their seat in B.Tech. course and their admission shall stand cancelled.
- iii) Students joining the B.Tech. program into the II year 1<sup>st</sup> semester directly through Lateral Entry (LE) Scheme shall have to complete the three year course work and earn **120** credits for the award of B.Tech. degree.
- iv) Students, who fail to complete their three years course of study within six years from the year of their admission or fail to acquire the **120** credits for the award of degree within this period shall forfeit their seat in B.Tech. course and their admission shall stand cancelled.

## **5. Award of B. Tech. (Honors) / B. Tech. (Minor)**

- i) B. Tech. with Honors will be awarded if a student earns 15 additional credits as per the regulations/guidelines.
- ii) B. Tech. with a Minor will be awarded if a student earns 12 additional credits as per the regulations/guidelines.
- iii) Registering for Honors / Minor degree is optional.
- iv) Honors / Minor is to be completed simultaneously with B.Tech. programme.

## **6. Duration and Pattern of the Program**

- i) The duration of the program is four academic years consisting of eight semesters for regular students and three academic years consisting of six semesters for lateral entry students. However, for the students availing Gap year facility this period shall be extended by two years at the most and these two years would be in addition to the maximum period permitted for graduation (Eight years).
- ii) Each semester consists of a minimum of ninety instructional days.
- iii) Three week induction program is mandatory for all the first year UG students and shall be conducted as per AICTE/UGC/APSCHE guidelines.
- iv) A student has to register for all the courses in a semester.
- v) Grade points, based on percentage of marks awarded for each course will be the basis for calculation of SGPA (Semester Grade Point Average) and CGPA (Cumulative Grade Point Average).
- vi) Award of division shall be based on the CGPA acquired.
- vii) A pool of interdisciplinary, skill development courses, summer internships, full semester internship and project etc., which are relevant to the industry are integrated into the curriculum of the branch of engineering concerned.
- viii) As a mandatory rule, all the students shall register for the mandatory non-credit courses as per AICTE/UGC/APSCHE guidelines.

## **7. Attendance Regulations**

- i) A student shall be eligible to appear for the semester end examinations if he/she acquires a minimum of 40% attendance in each subject and 75% of attendance in aggregate of all the subjects. Attendance of mandatory non credit course shall be considered while calculating aggregate attendance .
- ii) Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester may be granted by the College Academic Committee.
- iii) Shortage of Attendance below 65% in aggregate shall in NO CASE be condoned.
- iv) A stipulated fee shall be payable towards condonation of shortage of attendance to the college.
- v) Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examination of that class and their registration shall stand cancelled.

- vi) A student will not be promoted to the next semester unless he satisfies the attendance requirements of the present semester. They may seek readmission for that semester from the date of commencement of class work.
- vii) If any candidate fulfils the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.
- viii) 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.
- ix) For induction programme attendance shall be maintained as per AICTE norms.

## 8. Distribution and Weightage of marks - Evaluation

The distribution of Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) marks for each course is given in the table:

Sl.No.	Components	Internal	External	Total
1	Theory / Integrated Theory and Laboratory/ Project Based Theory	30	70	100
2	Design/ Drawing	30	70	100
3	Practical / Skill Development Courses	30	70	100
4	Summer Internship	-	50	50
5	Full semester Internship & Project Work	60	140	200
6	Mandatory Credit Courses	100	-	100
7	Mandatory Non Credit Courses	30	-	30

## 9. Mandatory Internships

- i) **Summer Internships** : Two summer internships either onsite or virtual each with a minimum of 08 weeks duration, done at the end of second and third years, respectively are mandatory. 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. One of the two summer internships at the end of second year (Community Service Project) shall be society oriented and shall be completed in collaboration with government organizations/NGOs & others. The other internship at the end of third year is Industry Internship and shall be completed in collaboration with Industries. The student shall register for the internship as per course structure after commencement of academic year. The guidelines issued by the APSCHE / University shall be followed for carrying out and evaluation of Community Service Project and Industry Internship.
- ii) **Full Semester Internship and Project work**: 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. A student shall also be permitted to submit project report on the work carried out during the internship.

The college shall facilitate and monitor the student internship programs. Completion of internships 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.

## 10. Continuous Internal Evaluation

### a) Theory Courses:

- 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) For theory courses having 5 units of syllabus, 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.
- iii) For theory courses having 6 units of syllabus with Part A and Part B, First midterm examination shall be conducted for I, II,III units of syllabus with one either or type question from each unit. The second midterm examination shall be conducted for III,IV and V units with one either or type question from each unit.
- iv) Objective paper shall contain for 05 short answer questions with 2 marks each or maximum of 20 bits for 10 marks.
- v) The objective paper shall be prepared in line with the quality of competitive examinations questions.
- vi) 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. Any fraction shall be rounded off to the next higher mark.
- vii) 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.
- viii) For theory courses having 5 units of syllabus , 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:  $(25 \times 0.8) + (0 \times 0.2) = 20$

- ix) For theory courses having 6 units of syllabus (Part A and Part B), mid semester examination shall be evaluated for 30 marks in each part (10 marks for objective paper, 15 marks for subjective paper and 5 marks for assignment) and final mid semester marks shall be arrived by considering the average of marks obtained in two parts.

**b) Design and/or Drawing Courses**

For the subjects such as Engineering Graphics, Internal Evaluation shall be for 30 marks. 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.

**c) Practical Courses**

For practical courses, there shall be a continuous evaluation during the semester for 30 sessional marks. 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. In a practical subject consisting of two parts (Eg: Basic Electrical & Electronics Engineering Lab), the internal test shall be conducted for 15 marks as a single laboratory.

**d) Skill Oriented Courses**

- i) Each student shall register for five skill oriented courses offered by the department concerned.
- 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) 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.
- 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 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.
- vi) The recommended courses offered by external agencies, conversions and appropriate grades/marks are to be approved by the institution at the beginning of the semester.
- vii) 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 college.

**e) Mandatory Credit Courses**

- i) Mandatory credit courses like Health and Wellness, Yoga and Sports / NSS/NCC/Scouts & Guides/ Community Service shall be evaluated for a total of 100 marks.
- ii) A student can select 6 activities of his/her choice with a minimum of 01 activity per unit. Each activity shall be evaluated by the concerned teacher for 15 marks, totaling to 90 marks.
- iii) A student shall be evaluated by the concerned teacher for 10 marks by conducting viva voce on the subject.
- iv) There shall be no external examination for these courses.

**f) Mandatory Non-Credit Courses**

- i) Each student shall register for mandatory non-credit courses like Environmental Studies, Constitution of India offered by the respective departments as per the course structure.
- ii) For courses like Environmental Studies and Constitution of India, two subjective examinations shall be conducted for 30 marks each along with the mid-term examinations of regular theory courses.
- iii) Each subjective examination consists of 3 descriptive questions for 10 marks each with a total of 30 marks for a duration of 90 minutes.
- iv) Sum of the 80% marks of better scored subjective examination and 20% marks of less scored subjective examination are considered.
- v) There shall be no external examination for these courses.

**g) Summer Internships:**

There shall be no internal marks for Summer Internship.

**h) Full Semester Internship and Project work:**

- i) The Full Semester Internship and Project work shall be evaluated for 60 internal marks.
- ii) The supervisor assesses the student for 30 marks (Report: 15 marks, Seminar: 15 marks).
- iii) 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 remaining 30 marks.

## **11. Semester End Examinations – Evaluation**

### **a) Theory Courses**

- i) For all Theory Courses, the semester end examination shall be conducted for 70 marks.
- ii) There shall be 6 questions and all questions are compulsory.
- iii) Question I shall contain 10 compulsory short answer questions for a total of 20 marks such that each question carries 2 marks.
- iv) There shall be 2 short answer questions from each unit.
- v) 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.
- vi) The questions from 2 to 6 shall be set by covering one unit of the syllabus for each question.

Courses 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) Design and/or Drawing Courses**

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 etc. is mentioned along with the syllabus.

### **c) Practical Courses:**

- i) The semester end examination shall be evaluated for 70 marks, conducted by the concerned laboratory teacher and a subject expert appointed by controller of examinations. The distribution of marks shall be as follows:  
Procedure: 20 marks  
Experimental work & Results: 30 marks  
Viva voce: 20 marks.
- ii) 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.

### **d) Skill Oriented Courses:**

- i) The semester end examination shall be conducted for 70 marks

- ii) The end examination pattern is similar to practical examination and shall be conducted by the concerned teacher and an expert in the subject nominated by controller of examinations.
- e) **Summer Internships:** 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. It shall be evaluated for 50 external marks.
- f) **Full Semester Internship and Project work:**  
The project report shall be evaluated for 140 marks with an external examiner. The external evaluation of Project Work is a Viva-Voce Examination conducted in the presence of internal examiner and external examiner appointed by the controller of examinations.

## 12. Massive Open Online Courses (MOOCs)

- i) A student has to pursue and complete one course compulsorily through MOOCs approved by the Committee constituted by Head of the 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.
- ii) A student shall register for the course (Minimum of either 8 weeks or 12 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.
- iii) 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 institute.
- iv) Necessary amendments in rules and regulations regarding adoption of MOOC courses would be proposed from time to time.

## 13. Promotion Rules

The following academic requirements must be satisfied in addition to the attendance requirements mentioned.

- i) A student shall be promoted from first year to second year if he/she fulfils the minimum attendance requirement as per institution norms.
- ii) 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) up to in the subjects that have been studied up to III semester.



- iii) 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.
- iv) And in case a student is detained for want of credits for a particular academic year by ii) & iii) above, 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
- v) When a student is detained due to lack of credits/shortage of attendance 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.

#### **14. Credit Transfer Policy**

- i) 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 institution 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.
- ii) 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.
- iii) Student registration for the MOOCs shall be only through the respective department of the institution, it is mandatory for the student to share necessary information with the department.
- iv) Credit transfer policy will be applicable to the Professional & Open Elective courses only.
- v) The concerned department shall identify the courses permitted for credit transfer.
- vi) The institution shall notify at the beginning of semester the list of the online learning courses eligible for credit transfer.
- vii) 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.
- viii) The institution shall ensure no overlap of MOOC exams with that of the examination schedule. In case of delay in results, the institution will re-issue the marks sheet for such students.
- ix) 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.
- x) The Head of the Department shall submit the following to the examination section of the institution:
  - 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.

- xi) The universities 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 state government.

**Note:** Students shall be permitted to register for MOOCs offered through online platforms approved by the institution from time to time.

### **15. Criteria for Passing a Course**

- i) A candidate shall be declared to have passed in individual theory / integrated theory and laboratory / project based theory / drawing or design course/ practical / Full Semester Internship and Project work, if he/she secures a minimum of 40% aggregate marks (continuous internal evaluation & semester end examination marks put together), subject to securing a minimum of 35% marks in the semester end examination.
- ii) A candidate shall be declared to have passed in summer internship if he/she secures a minimum of 40% marks in the semester end examination.
- iii) A candidate shall be declared to have passed the mandatory credit course only when he/she secures 40% or more in the internal examinations. In case, the student fails, a reexamination shall be conducted for 30 marks.
- iv) For mandatory non-credit courses the student has to secure minimum 40% aggregate marks (continuous internal evaluation) for passing the course. No marks or letter grade shall be printed in the grade cards for all mandatory non-credit courses, but only Completed (Y)/Not-completed (N) will be specified. A student has to repeat the course whenever it is offered; if he does not get satisfactory grade or does not fulfill the attendance requirements in each non-credit course for getting the degree awarded.
- v) On passing a course of a program, the student shall earn the credits assigned to that course.

### **16. Award of Grades**

- i) 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:
- ii) 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.
- iii) A student shall be considered to have completed a course successfully and earned the credits if he/she secures an acceptable letter grade in the range S to E as given below.
- iv) Letter grade 'F' in any course implies failure of the student in that course and no credits earned. Absent is also treated as no credits earned.
- v) For non-credit audit courses, "Satisfactory" or "Unsatisfactory" shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA/Percentage

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 (Pass)	5
< 40	F (Fail)	0
Absent	Ab (Absent)	0

### Calculation of Semester Grade Point Average (SGPA) for Semester:

The performance of each student at the end of the each semester is indicated in terms of SGPA.

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.

SGPA is calculated for a candidate who passed all the courses in that semester.

The SGPA is calculated as given below:

**SGPA = Semester Grade Point Average** for each semester.

$$SGPA = \frac{\sum CR \times GP}{\sum CR}$$

where CR = Credits of a course

GP = Grade Points awarded for a course

**Illustration of SGPA:** Let us assume there are 6 subjects in a semester. The grades obtained as follows:

Course	Credits (CR)	Grade Point (GP)	CR x GP
Subject 1	3	8	24
Subject 2	2	9	18
Subject 3	4	7	28
Subject 4	3	6	18
Subject 5	3	9	27
	$\sum CR=15$		$\sum CR \times GP =115$

$$SGPA = \frac{\sum CR \times GP}{\sum CR} = \frac{115}{15} = 7.67$$

**Formula for calculation CGPA for entire program**

$$CGPA = \frac{\sum CR \times SGPA}{\sum CR}$$

## 17. 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:

Class Awarded	CGPA Secured
First Class with Distinction	$\geq 7.5$
First Class	$\geq 6.5 < 7.5$
Second Class	$\geq 5.5 < 6.5$
Pass Class	$\geq 5.0 < 5.5$

### CGPA to percentage conversion formula :

$$\text{Percentage} = (\text{CGPA} - 0.5) \times 10$$

## 18. Grade Card and Consolidated Grade Card

- i) A grade card shall be issued for each semester separately both for regular and supplementary examinations irrespective of passing the examination.
- ii) A grade card consists of a letter grade and credits earned for all courses of that semester along with SGPA and CGPA.
- iii) A consolidated grade card consisting of all semesters' courses with the letter grade and credits secured for each course, CGPA and award of division shall be issued if he/she fulfills the academic regulations B.Tech. program.

## 19. Withholding of Results

If the student has not paid the dues, if any, to the College or if any case of indiscipline is pending against him, the result of such student will be withheld. His degree will also be withheld in such cases.

## 20. Supplementary Examinations

Supplementary examinations will be conducted twice in a year at the end of odd and even semesters.

## 21. Revaluation

- i) Students can apply for revaluation of his/her answer script(s) of theory course(s) as per the notification issued by the Controller of Examinations.
- ii) The Controller of Examinations shall arrange for revaluation of such answer script(s).
- iii) An examiner, other than the first examiner, shall reevaluate the answer script(s).
- iv) If the variation in marks of two evaluations is less than 15% of total marks, the best mark of two evaluations shall be taken into consideration.
- v) If the variation in marks of two evaluations is more than 15% of total marks, there shall be third evaluation by an examiner other than the first two examiners. The best marks of two evaluations (which are nearer) shall be taken into consideration.
- vi) There is no revaluation for practical/ Skill Development Courses/Community Service Project/ Main Project courses.

## **22. Gap Year Concept**

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. The principal of the respective college shall forward such proposals submitted by the students to the University. An evaluation committee constituted by the University 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.

## **23. Transitory Regulations**

- i) Discontinued, detained, or failed candidates are eligible for readmission as and when the semester is offered after fulfilment of academic regulations.
- ii) Candidates who have been detained for want of attendance 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 after duly fulfilling the required norms stipulated by the college with the same or equivalent subjects as and when subjects are offered and they will follow the academic regulations into which they are readmitted.
- iii) 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 and they will follow the academic regulations into which they are readmitted.
- iv) These candidates have to obtain written permission from the Principal for readmission into the same semester after duly fulfilling the required norms stipulated by the college.

## **24. Student Transfers**

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

## **25. Medium of Instruction**

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

## **26. Malpractices and Punishments**

- i) Every student appearing for the Examinations is liable to be charged with committing malpractice(s), if he/she is observed as committing any one or more of the acts mentioned in of examination malpractices and punishments.
- ii) The Principal shall refer the cases of malpractices in internal assessment tests and semester end examinations to a malpractice enquiry committee constituted by him for the purpose. Such committee shall follow the approved levels of punishment. The Principal shall take necessary action against the erring students based on the recommendations of the committee.

- iii) Any action by the candidate trying to get undue advantage in the performance or trying to help another, or derive the same through unfair means is punishable according to the provisions contained.

## **27. Guidelines for offering a Minor**

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 may be 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 04 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.

## **28. Guidelines for offering Honors**

- i) 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.
- ii) 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.
- iii) 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 (i.e., 160 credits).
- iv) 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.
- v) Separate class work and timetable shall be arranged for the courses offered under Honors program.
- vi) 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.
- vii) 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 and 8

weeks duration for a 2-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.

- viii) The attendance for the registered courses under Honors and regular courses offered for Major degree in a semester are to be considered separately.
- ix) A student shall maintain an attendance of 75% in all registered courses under Honors to be eligible for attending semester end examinations.
- x) A student registered for Honors shall pass in all subjects that constitute the requirement for the Honors degree program. No class/division (i.e., second class, first class and distinction, etc.) shall be awarded for Honors degree programme.
- xi) 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.
- xii) The Honors will be mentioned in the degree certificate as Bachelor of Technology (Honors) in XYZ. For example, B.Tech. (Honors) in Mechanical Engineering

#### **29. Enrolment into Honors:**

- i) Students of a Department/Discipline are eligible to opt for Honors program offered by the same Department/Discipline
- ii) 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 CGPA without any backlog subjects will be permitted to register for
- iii) If a student is detained due to lack of attendance either in Major or in Honors, registration shall be cancelled.
- iv) Transfer of credits from Honors to regular B. Tech degree and vice-versa shall not be permitted.
- v) Honors is to be completed simultaneously with a Major degree program.

#### **30. Registration for Honors:**

- i) 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.
- ii) 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.
- iii) 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.
- iv) There is no fee for registration of subjects for Honors program offered in offline at the respective institutions.