

# **AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY**

**(AUTONOMOUS)**

**AICTE approved, NAAC accredited, ISO 9001 – 2015 certified Institution**

**& Permanent affiliation to JNTUK Kakinada**

## **ACADEMIC REGULATIONS (AR20)**



**For**

**B.Tech FOUR YEAR DEGREE COURSE**

**(Applicable for the batches admitted from 2020-21)**

**Sponsored by**

**AMRITA SAI EDUCATIONAL IMPROVEMENT TRUST**

# ACADEMIC REGULATIONS (AR20) FOR B. TECH. (REGULAR/LATERAL)

## INTRODUCTION:

All the academic UG programs of the institute are governed by the rules and regulation of Amrita Sai Institute of Science & Technology, Paritala. These rules and regulations are applicable to all the students to this institute from academic year **2020-21** onwards for Regular and **2021-22** onwards for Lateral Entry Scheme.

## 1. PROGRAMS OFFERED:

The college is offering B.Tech Degree program in the following disciplines with English medium of Instruction.

S. NO	BRANCH	CODE
01	Civil Engineering	CE
02	Electrical and Electronics Engineering	EE
03	Mechanical Engineering	ME
04	Electronics and Communication Engineering	EC
05	Computer Science and Engineering	CS
06	CSE (Data Science)	CD
07	CSE (Big Data Analysis)	CB
08	CSE (Artificial Intelligence & Machine Learning)	CA
09	CSE (IoT & Cyber Security including Block Chain Technology)	CI

## 2. ELIGIBILITY CRITERIA FOR ADMISSION:

The eligibility criteria for admission into first year of B.Tech. programs shall be as mentioned below:

- The Candidate shall be an Indian National.
- The Candidate should have passed the qualifying examination Intermediate with Mathematics, Physics and Chemistry as optional subjects or any equivalent examination recognized by JNTUK, Kakinada on the date of admission.
- Seats in each program in the college are classified into CATEGORY-A (70% of intake), and CATEGORY-B (30% of intake) besides Lateral Entry.
  - **CATEGORY- A Seats:**  
These seats will be filled by the Convener, EAMCET admissions conducted by Government of Andhra Pradesh.
  - **CATEGORY- B Seats:**  
These seats will be filled by the college as per the guidelines of Andhra Pradesh State Council of Higher Education.
  - **CATEGORY – Lateral Entry Seats:**  
Additional seats of 10% of the sanctioned intake in each branch shall be filled up in the third semester directly based on the rank secured by the candidates in Engineering Common Entrance Test (ECET- FDH) in accordance with the instructions received from the Convener, ECET and Government of Andhra Pradesh.

# BASIC STRUCTURE FOR ENGINEERING BRANCHES

## SEMESTER I (FIRST YEAR)

SNo	Category	Hours per week			Credits
		L	T	P	
1	Basic Science course	3	0	0	3
2	Basic Science course	3	0	0	3
3	Humanities and Social science	3	0	0	3
4	Engineering Science Courses	1	0	4	3
5	Engineering Science Courses	3	0	0	3
6	Humanities and Social science LAB	0	0	3	1.5
7	Basic Science course (LAB)	0	0	3	1.5
8	Engineering Science Courses (LAB)	0	0	3	1.5
<b>TOTAL CREDITS</b>					<b>19.5</b>

Category	CREDITS
Basic Science course	7.5
Engineering Science Courses	7.5
Humanities and social science	4
<b>TOTAL CREDITS</b>	<b>19.5</b>

## SEMESTER II (FIRST YEAR)

SNo	Category	Hours per week			Credits
		L	T	P	
1	Basic Science courses	3	0	0	3
2	Basic Science courses	3	0	0	3
3	Engineering Science Courses	3	0	0	3
4	Engineering Science Courses	3	0	0	3
5	Engineering Science Courses	1	0	4	3
6	Engineering Science Courses (LAB)	0	0	3	1.5
7	Basic Science course (LAB)	0	0	3	1.5
8	Engineering Science Courses (LAB)	0	0	3	1.5
	Mandatory course (AICTE suggested)	2	0	0	0
<b>TOTAL CREDITS</b>					<b>19.5</b>

Category	CREDITS
Basic Science course	7.5
Engineering Science Courses	12
<b>TOTAL CREDITS</b>	<b>19.5</b>

### SEMESTER III (SECOND YEAR)

SNo	Category	Hours per week			Credits
		L	T	P	
1	Basic Science courses	3	0	0	3
2	Professional Core Course	3	0	0	3
3	Professional Core courses	3	0	0	3
4	Professional Core courses	3	0	0	3
5	Professional Core courses	3	0	0	3
6	Professional Core courses (LAB)	0	0	3	1.5
7	Professional Core courses (LAB)	0	0	3	1.5
8	Professional Core courses (LAB)	0	0	3	1.5
	Skill oriented course*	1	0	2	2
	Mandatory course (AICTE suggested)	2	0	0	0
<b>TOTAL CREDITS</b>					<b>21.5</b>

Category	CREDITS
Basic Science course	3
Professional core Courses	16.5
Skill oriented course*	2
<b>TOTAL CREDITS</b>	<b>21.5</b>

### SEMESTER IV (SECOND YEAR)

SNo	Category	Hours per week			Credits
		L	T	P	
1	Engineering Science Courses	3	0	0	3
2	Basic Science Course /Prof core course	3	0	0	3
3	Professional Core courses	3	0	0	3
4	Professional Core courses	3	0	0	3
5	Humanities and Social Sciences	3	0	0	3
6	Engineering Science Courses/Prof Core (Interdisciplinary) (LAB)	0	0	3	1.5
7	Professional Core courses (LAB)	0	0	3	1.5
8	Professional Core courses (LAB)	0	0	3	1.5
	Skill oriented course*	1	0	2	2
<b>TOTAL CREDITS</b>					<b>21.5</b>
<b>Internship 2 Months (Mandatory) during summer vacation</b>					

Category	CREDITS
Basic Science Courses	3
Professional core Courses	9
Engineering Science Courses	4.5
Skill oriented course*	2
Humanities and Social Sciences	3
<b>TOTAL CREDITS</b>	<b>21.5</b>

## SEMESTER V (THIRD YEAR)

SNo	Category	Hours per week			Credits
		L	T	P	
1	Professional Core courses	3	0	0	3
2	Professional Core courses	3	0	0	3
3	Professional Core courses	3	0	0	3
4	Open Elective Course/Job oriented elective	2	0	2	3
5	Professional Elective courses	3	0	0	3
6	Professional Core courses Lab	0	0	3	1.5
7	Professional Core courses Lab	0	0	3	1.5
	Skill advanced course/ soft skill course*	1	0	2	2
	Mandatory course (AICTE suggested)	2	0	0	0
Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester)		0	0	0	1.5
<b>TOTAL CREDITS</b>					<b>21.5</b>

Category	CREDITS
Professional core Courses	12
Professional Elective courses	3
Open Elective Course/Job oriented elective	3
Skill advanced course/ soft skill course*	2
Summer Internship	1.5
<b>TOTAL CREDITS</b>	<b>21.5</b>

## SEMESTER VI (THIRD YEAR)

SNo	Category	Hours per week			Credits
		L	T	P	
1	Professional Core courses	3	1	0	3
2	Professional Core courses	3	0	0	3
3	Professional Core courses	3	0	0	3
4	Professional Elective courses	3	0	0	3
5	Open Elective Course/Job oriented elective	2	0	2	3
6	Professional Core courses Lab	0	0	3	1.5
7	Professional Core courses Lab	0	0	3	1.5
8	Professional Core courses Lab	0	0	3	1.5
	<b>Skill advanced course/ soft skill course*</b>	1	0	2	2
	Mandatory course (AICTE)	2	0	0	0
<b>TOTAL CREDITS</b>					<b>21.5</b>
<b>Industrial/Research Internship (Mandatory) 2 Months during summer vacation</b>					

Category	CREDITS
Professional core courses	13.5
Professional Elective courses	3
Open Elective Course/Job oriented elective	3
Skill advanced course/ soft skill course*	2
Mandatory course (AICTE)	0
Industrial/Research Internship (Mandatory) 2 Months	-
<b>TOTAL CREDITS</b>	<b>21.5</b>

## SEMESTER VII (FOURTH YEAR)

Sno	Category	Hours per week			Credits
		L	T	P	
1	Professional Elective courses	3	0	0	3
2	Professional Elective courses	3	0	0	3
3	Professional Elective courses	3	0	0	3
4	Open Elective Courses/ Job oriented elective	2	0	2	3
5	Open Elective Courses/ Job oriented elective	2	0	2	3
6	*Humanities and Social Science Elective	3	0	0	3
	Skill advanced course/ soft skill course*	1	0	2	2
Industrial/Research Internship 2 Months (Mandatory) after third year (to be evaluated during VII semester)		0	0	0	3
<b>TOTAL CREDITS</b>					<b>23</b>

Category	CREDITS
Professional Elective courses	9
Open Elective Course/Job oriented elective	6
Humanities and Social Science Elective	3
Skill advanced course/ soft skill course*	2
Industrial/Research Internship	3
<b>TOTAL CREDITS</b>	<b>23</b>

## SEMESTER VIII (FOURTH YEAR)

SNo	Category	Hours per week			Credits
		L	T	P	
1	Major Project	0	0	0	12
<b>INTERNSHIP (6 MONTHS)</b>					
<b>TOTAL CREDITS</b>					<b>12</b>

# **CURRICULAR FRAMEWORK FOR B.TECH PROGRAMME**

1. Award of the Degree: A student will be declared eligible for the award of B. Tech. degree if he/she fulfills the following:
  - i. Pursues a course of study in not less than four and not more than eight academic years.
  - ii. After eight academic years from the year of their admission, he/she shall forfeit their seat in B. Tech course and their admission stands cancelled.
  - iii. Registers for 160 credits and must secure all the 160 credits.
  - iv. A student shall be eligible for the award of B.Tech degree with Honors or Minor if he/she earns 20 credits in addition to the 160 credits. A student shall be permitted to register either for Honors or for Minor and not for both simultaneously.
2. Structure of the Undergraduate Engineering program:  
Every course of B. Tech. Program shall be placed in one of the nine categories as listed in table below:

S.No	Category	Code	Suggested breakup of Credits (APSCHE)
1	Humanities and social science including Management courses	HSMC	10.5
2	Basic Science courses	BSC	21
3	Engineering science courses	ESC	24
4	Professional core Courses	PCC	51
5	Open Elective Courses	OEC	12
6	Professional Elective Courses	PEC	15
7	Internship, Seminar, Project wok	PROJ	16.5
8	Mandatory courses	MC	Non-credit
9	Skill Oriented Courses	SC	10
<b>Total Credits</b>			<b>160</b>

3. Assigning of Credits:
 

1 Hr. Lecture (L) per week	-	1 credit
1 Hr. Tutorial (T) per week	-	1 credit
1 Hr. Practical (P) per week	-	0.5 credits
2 Hours Practical (Lab)/week	-	1 credit
4. 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., shall be included in the guidelines issued by AICTE.
5. Courses like Environmental Sciences, Universal Human Values, Ethics, Indian Constitution, Essence of Indian Traditional Knowledge etc., shall be included in the curriculum as non-credit mandatory courses. Environmental Sciences is to be offered compulsorily as mandatory course for all branches. A student has to secure 40% of the marks allotted in the internal evaluation for passing the course. No marks or letter grade shall be allotted for all mandatory non-credit courses.
6. The concerned Board of studies can assign tutorial hours to such courses wherever it is necessary, but without change in the total number of credits already assigned for semester.
7. There shall be 05 Professional Elective courses and 04 Open Elective courses. All the Professional & Open Elective courses shall be offered for 03 credits, wherever lab component is involved it shall be (2-0-2) and without lab component it shall be (3-0- 0). If a course comes with a lab component, that component has to be cleared separately. The concerned BOS shall explore the possibility of introducing virtual labs for such courses with lab component.
8. All Open Electives are offered to students of all branches in general. However, a student shall choose an open Elective from the list in such a manner that he/she has not studied the same course in

any form during the Programme.

9. A student shall be permitted to pursue up to a maximum of two elective courses under MOOCs during the Programme. Each of the courses must be of minimum 12 weeks in duration. Attendance will not be monitored for MOOC courses. Student has to pursue and acquire a certificate for a MOOC course only from the organizations/agencies approved by the BoS in order to earn the 3 credits. The Head of the department shall notify the list of such courses at the beginning of the semester.
10. The department shall invite registration forms from the students at the beginning of the semester for offering professional and open elective courses. There shall be a limit on the minimum and maximum number of registrations based on class/section strength.
11. Students shall undergo mandatory summer internships for a minimum of six weeks duration at the end of second and third year of the Programme. There shall also be mandatory full internship in the final semester of the Programme along with the project work.
12. 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 engineering courses and the remaining one shall be a soft skills course.
13. **Assessment:** The performance of a student in each semester shall be evaluated subject wise with a maximum of 100 marks for theory as well as for practical subject. The distribution shall be 30 marks for Internal Evaluation and 70 marks for the End Semester Examinations. A student has to secure not less than 35% of marks in the end semester examination and minimum 40% of marks in the sum total of internal and end semester examination marks to earn the credits allotted to each course.
14. **Attendance Requirements:**
  - i. A student shall be eligible to appear for end semester examinations if he/she acquires a minimum of 75% of attendance in aggregate of all the subjects in a semester.
  - ii. Shortage of Attendance below 65% in aggregate shall in NO case be condoned.
  - iii. Condonation for 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.
  - iv. Students whose shortage of attendance is not condoned in any semester are not eligible to take their end semester examination of that class and their registration shall stand cancelled.
  - v. A student will not be promoted to the next semester unless he satisfies the attendance requirements of the present semester, as applicable. They may seek readmission for that semester when offered next.
  - vi. A stipulated fee shall be payable towards condonation of shortage of attendance to the college. (a) A student is eligible to write the University examinations if he acquires a minimum of 50% in each subject and 75% of attendance in aggregate of all the subjects.

**15. Promotion Rules:**

**For Regular Scheme:**

- a) A student shall be promoted from first year to second year if he fulfills the minimum attendance requirements.
- b) A student will be promoted from II year to III year if he fulfills the academic requirement of 40% of credits up to either II year I-Semester or II year II-Semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.
- c) A student shall be promoted from III year to IV year if he fulfills the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

**For Lateral Entry Scheme:**

- a) A student shall be promoted from second year to third year if he fulfills the minimum attendance requirements.
- b) A student shall be promoted from III year to IV year if he fulfills the academic requirements of



40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

#### 16. Grading:

After each subject is evaluated for 100 marks, the marks obtained in each subject will be converted to a corresponding letter grade as given below, depending on the range in which the marks obtained by the student fall.

Marks Range	Level	Letter Grade	Grade Point
≥ 90	Outstanding	O	10
80-89	Excellent	S	9
70-79	Very Good	A	8
60-69	Good	B	7
50-59	Fair	C	6
40-49	Satisfactory	D	5
< 40	Fail	F	0
-	Absent	Ab	0

### **CALCULATION 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.

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

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

- The Cumulative Grade Point Average (CGPA) will be computed in the same manner taking into account all the courses undergone by a student over all the semesters of a program, i.e.

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

Where 'S<sub>i</sub>' is the SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is the total number of credits in that semester

- Both SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.
- While computing the SGPA/CGPA, the subjects in whom the student is awarded Zero grade points will also be included.
- 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. Grades are denoted by letters A+, A, B, C, D, E and F.
- As per AICTE regulations, conversion of CGPA into equivalent percentage as follows:  
Equivalent Percentage = (CGPA – 0.50) x 10

### **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:

Class Awarded	CGPA Secured
First Class with Distinction	≥ 7.5
First Class	≥ 6.5 < 7.5
Second Class	≥ 5.5 < 6.5
Pass Class	≥ 4.0 < 5.5

## **CURRICULAR FRAMEWORK FOR MANDATORY INTERNSHIPS**

1. Two summer internships each with a minimum of six weeks duration, done at the end of second and third years, respectively are mandatory. The internship can be done by the students at local industries, Govt. Organizations, construction agencies, Industries, Hydel and thermal power projects and also in software MNCs.
2. 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. The report and the oral presentation shall carry 40% and 60% weightages respectively.
3. In the final semester, the student should mandatorily undergo internship and parallelly 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 project report shall be evaluated with an external examiner.
4. 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.

## **CURRICULAR FRAMEWORK FOR SKILL ORIENTED**

1. For skill oriented/skill advanced course, one theory and 2 practical hours or two theory hours may be allotted as per the decision of concerned BOS.
2. Out of the five skill courses two shall be skill-oriented courses from the engineering and shall be completed in second year. Of the remaining 3 skill courses, one shall be necessarily be a soft skill course and the remaining 2 shall be skill-advanced courses either from the same domain or Job oriented skill courses, which can be of inter disciplinary nature.
3. A pool of interdisciplinary job-oriented skill courses shall be designed by a common Board of studies by the participating departments/disciplines and the syllabus along with the pre requisites shall be prepared for each of the laboratory infrastructure requirements. The list of such courses shall be included in the curriculum structure of each branch of Engineering, so as to enable the student to choose from the list.

## COURSE CODE AND COURSE NUMBERING

- Course code consists of Eight characters in which the Third, Four, Six and Eight characters are alphabets and the rest are numerals.
- First and Second characters represents Regulation Year.
- Third and Four characters are described in Following Table

THIRD & FOUR Characters	Name of the Department
CE	Civil Engineering
EE	Electrical and Electronics Engineering
ME	Mechanical Engineering
EC	Electronics and Communication Engineering
CS	Computer Science and Engineering
CD	CSE (Data Science)
CB	CSE (Big Data Analysis)
CA	CSE (Artificial Intelligence & Machine Learning)
CI	CSE (IoT & Cyber Security including Block Chain Technology)

- Fifth character represents the semester in which the course is offered as mentioned In following Table

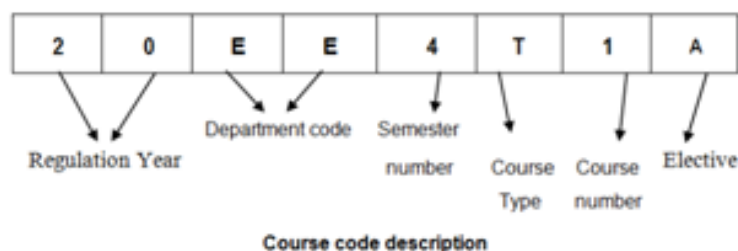
Fifth character	Description
1	First Semester
2	Second Semester
3	Third Semester
4	Fourth Semester
5	Fifth Semester
6	Sixth Semester
7	Seventh Semester
8	Eight Semester

- Sixth character represents course type, as described in following Table

Sixth character	Description
T	Theory course
L	Laboratory /Practice course

- Seventh character represents course number and Eight Character represents Course Elective as described in Figure.

For example: **18EE4T1A** course is offered in Electrical and Electronics Engineering Department (**EE**) in the fourth semester (**4**). The course is of Subject type '**T**' and the course number is '**1** and Elective '**A**' as given in figure 1 below.



## **DISTRIBUTION AND WEIGHTAGE OF MARKS**

1. The performance of a student in each semester shall be evaluated subject – wise with a maximum of 100 marks for theory subject and 100 marks for practical subject. The project work shall be evaluated for 200 marks.
2. For theory subjects the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End - Examinations.
3. For theory subjects, during the semester there shall be 2 tests. The weightage of Internal marks for 30 consists of Descriptive – 15, Open Book Exam – 05, Objective -10 (Conducted at College level with 20 Multiple choice question with a weightage of ½ Mark each). The objective examination is for 20 minutes duration. The subjective examination is for 90 minutes duration conducted for 15 marks. Each subjective type test question paper shall contain **3 questions** and all questions need to be answered. The Objective examination conducted for 10 marks and subjective examination conducted for 15 marks are to be added to the Open book exam marks of 05 for finalizing internal marks for 30. Internal Marks can be calculated with average of the two Mids Exam. As the syllabus is framed for 6 units, the 1<sup>st</sup> mid examination (both Objective and Subjective) is conducted in 1-3 units and second test in 4-6 units of each subject in a semester.
4. The end semester examination is conducted covering the topics of all Units for 70 marks. End Exam Paper: Part-A 1st Question is mandatory covering all the syllabus which contains five 2 marks questions for 10 marks from six units and in Part-B All 6 Questions are to be answered with each having internal choice carrying 10 marks . Part-A & Part-B put together gives for 70 marks.
5. For practical subjects there shall be continuous evaluation during the semester for 30 internal marks and 70 end examination marks. The internal 30 marks shall be awarded as follows: day to day work - 10 marks, Model creation-5, Record-5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner appointed by Controller of Examinations.
6. For the subject having design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 40 marks for internal evaluation ( 20 marks for day – to – day work, and 20 marks for internal tests) and 60 marks for end examination. There shall be two internal tests in a Semester and the Marks for 20 can be calculated with average of both test and these are to be added to the marks obtained in day to day work.
7. For the seminar, Each student has to be evaluated based on the presentation of any latest topic with report of 10-15 pages and a ppt of min 10 slides. The student shall collect the information on a specialized topic and prepare a technical report, showing his understanding over the topic, and submit to the department, which shall be evaluated by the Departmental committee consisting of Head of the department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 50 marks. There shall be no external examination for seminar.
8. Out of a total of 200 marks for the project work, 70 marks shall be for Internal Evaluation and 130 marks for the End Semester Examination. The End Semester Examination (Viva – Voce) shall be conducted by the committee. The committee consists of an external examiner, Head of the Department and Supervisor of the Project. The evaluation of project work shall be conducted at the end of the IV year. The Internal Evaluation shall be on the basis of two seminars given by each student on the topic of his project and evaluated by an internal committee.
9. Laboratory marks and the internal marks awarded by the faculty are final. The laboratory records and internal test papers shall be preserved in the respective departments as per the College norms and shall be produced to the Committees of the College as and when they ask for.

## **ADVANCED SUPPLEMENTARY EXAMINATIONS**

Student(s), who failed in theory/ laboratory courses of 4/4 B.Tech. in Eighth semester, can appear for advanced supplementary examinations to be conducted within one month after declaration of the revaluation results of 4/4

B.Tech. Eighth semester. However, those students who fail in these advanced supplementary examinations of 4/4 B.Tech shall appear for subsequent examinations along with regular candidates, in the examinations conducted at the end of the respective academic semester.

## **READMISSION CRITERIA**

A student, who is detained in a semester due to lack of attendance/credits, has to obtain written permission from the Principal for readmission into the same semester after duly fulfilling all the required norms stipulated by the college in addition to paying an administrative fee of Rs. 1,000/-

## **TRANSITORY REGULATIONS**

A student, who is detained or discontinued in a semester, on readmission, the academic regulations under which he was first admitted will continue to be applicable to him on readmission. However, if a student is admitted in first year 2019-20(AR18 Regulations) and detained in the first semester, he will be readmitted into I year I semester under the prevailing rules and regulations. The student has to give an undertaking that he is willing to join in AR-20 regulations. However, the decision of the Academic Council will be final.

## **TRANSCRIPT**

After successful completion and award of degree (number of courses and credits) transcript may be issued to the student as per scheme of a program.

## **MINIMUM INSTRUCTION DAYS**

The minimum instruction days for each semester shall be 90 working days.

## **OTHER MATTERS**

- The physically challenged students who have availed additional examination time and a scribe during their Intermediate/ EAMCET (AP) examinations will be given similar concessions on production of relevant proof/documents.
- Students who are suffering from contagious diseases are not allowed to appear for internal or end semester examinations
- The students who participated in coaching/tournaments held at State/ National/ International levels through University/ Indian Olympic Association during end semester external examination period will be promoted to subsequent semesters till the entire course is completed as per the guidelines of University Grants Commission Letter No. F.1-5/ 88(SPE/PES), dated 18-08-1994
- The Principal shall deal with any academic problem, which is not covered under these rules and regulations, in consultation with the Heads of the Departments in an appropriate manner and subsequently such actions shall be placed before the Academic Council for ratification. Any emergency modification of regulation, approved in the meetings of the Heads of the Departments, shall be reported to the College Academic Council for ratification

## **GENERAL**

- Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
- The academic regulation should be read as a whole for the purpose of any interpretation.
- In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Principal is final.
- The College may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the College.

## **MALPRACTICES RULES**

### **DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS:**

The Principal shall refer the cases of malpractices by students in internal assessment tests and end semester examinations, to a malpractice enquiry committee constituted for the purpose. The committee shall follow the approved scales of punishment.

The committee consists of:

1. Principal
2. Controller of Examinations
3. Deputy Controller of Examinations
4. Head of The Department
5. Subject Expert
6. Invigilators

<b>SNO</b>	<b>NATURE OF MALPRACTICES/IMPROPER CONDUCT</b>	<b>PUNISHMENT</b>
1(a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which 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.
1(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 calculators, palm computers or any other form of 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 the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year.
3	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.

		If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
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 performance in that subject and all the 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 for two consecutive semesters from class work And al University examinations continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / 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, 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 case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the 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 for two consecutive semesters from class work and all college examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of 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 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.
9	If 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 clause 6 to 8.	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 and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations
12	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the CE office for further action to award suitable punishment.	



# RAGGING

## PROHIBITION OF RAGGING IN EDUCATIONAL INSTITUTIONS ACT 26 OF 1997

### PUNISHMENTS FOR RAGGING:

As per the order of Honorable Supreme Court of India and AICTE guidelines, ragging in any form is considered a criminal offence and is banned. Ragging within or outside any educational institution is prohibited. Ragging means doing an act, that causes or is likely to cause insult or annoyance or fear of apprehension or threat or intimidation or outrage of modesty or injury to a student. Any form of ragging will be severely dealt with as per AP Prohibition of Ragging Act-1997 section-4.

Nature of ragging	Punishment
Teasing, embarrassing and humiliating	Imprisonment upto 6 months or fine upto Rs.1,000/- or both
Assaulting or using criminal force or criminal intimidation	Imprisonment upto 1 year or fine upto Rs.2,000/- or both
Wrongfully restraining or confining or causing hurt	Imprisonment upto 2 years or fine upto Rs.5,000/- or both
Causing grievous hurt kidnapping or raping or committing unnatural offence	Imprisonment upto 5 years and fine upto Rs.10,000/-
Causing death or abetting suicide	Imprisonment upto 10 years and fine upto Rs.10,000/- or both

### CONDUCT AND DISCIPLINE:

- A student convicted of an offence under and punished with imprisonment for a term of more than six months shall not be admitted in any other educational institution.
- Whenever any student complains of ragging to the head or manager of an educational institution, such head or manager should inquire into the complaint and if the complaint is prima-facie found true, should suspend the student or students complained against.
- If the head or manager of an educational institution fails or neglects to take action in the manner specified in the Act, the person shall be deemed to have abetted the offence and shall be punished with the punishment provided for the offence.
- If a student commits suicide due to or in consequence of ragging, the person who commits such ragging shall be deemed to have abetted such suicide.
- The following acts of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures.
  - Lack of courtesy and decorum; indecent behavior anywhere within or outside the campus.
  - Possession, consumption or distribution of alcoholic drinks or any kind of narcotics or hallucinogenic drugs.
- The following activities are not allowed within the campus:
  - Mutilation or unauthorized possession of library books.
  - Noisy and unseemly behavior, disturbing studies of fellow students.

- Hacking 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.)
- Use of cell phones in the campus.
- Plagiarism of any nature.
- Any other act of gross indiscipline as decided by the college from time to time.
- Commensurate with the gravity of offense, the punishment may be reprimand, fine, expulsion from the institute / hostel, debarment from a 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 authorities or the judiciary, as required by the circumstances.
- 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.
- Cases of adoption of unfair means and/or any malpractice in an examination shall be reported to the Principal for taking appropriate action.
- Unauthorized collection of money in any form is strictly prohibited.
- Detained and break-in-study candidates are allowed into the campus for academic purposes only with permission from authorities.
- Misconduct committed by a student outside the college campus but having the effect of damaging, undermining & tarnishing the image & reputation of the institution will make the student concerned liable for disciplinary action commensurate with the nature and gravity of such misconduct.
- The disciplinary action committee constituted by the Principal, 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
- Grievance redressal committee, constituted by the Principal, shall deal with all grievances pertaining to the academic / administrative and disciplinary matters.
- All the students must abide by the code and conduct rules of the college.

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