

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS)**

(Affiliated to JNTUK, Kakinada), (Recognised by AICTE, New Delhi)

Accredited by NAAC with 'A' Grade

Recognised as Scientific and Industrial Research Organisation

CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204



**ACADEMIC REGULATIONS (R17) FOR B. TECH. (REGULAR)**

**Applicable for the students of B. Tech. (Regular) from the Academic Year 2017-18 onwards**

**1. Award of B. Tech. Degree**

A student will be declared eligible for the award of B. Tech. Degree if he fulfills the following academic regulations:

- i. A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than four and not more than eight academic years.
- ii. The candidate shall register for 180 credits and secure all the 180 credits.

**2. Courses of study**

The following courses of study are offered at present as specializations for the B. Tech. Courses with English as medium of Instruction.

S.No	Branch
1	Civil Engineering
2	Computer Science and Engineering
3	Electronics and Communication Engineering
4	Electrical and Electronics Engineering
5	Information Technology
6	Mechanical Engineering

### 3. Distribution and Weightage of Marks

- i. 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.
- ii. For theory subjects the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End - Examinations.
- iii. For theory subjects, during the semester there shall be 2 mid-term examinations (Descriptive type), 1 objective type exam and 2 assignments.

The Weightage of internal marks for 30 consists of Descriptive-15, Objective-10 (Conducted once at the end of the semester with 20 multiple choice questions with a weightage of ½ mark each.). The duration for Descriptive examination is 90 mins and Objective examination is 20 mins.

Mid-term exam question paper consists of 6 questions two from each unit with a choice of **Either Or** within the unit. Students have to answer one question from each unit which carries 5 marks and a total of  $5 \times 3 = 15$  marks.

Internal Marks can be calculated with 80% weightage for best of the two Mid-term exams and 20% weightage for other Mid Exam. The 1<sup>st</sup> mid-term examination is conducted in 50% of the total syllabus and the 2<sup>nd</sup> mid-term examination in remaining syllabus of each subject in a semester.

Marks obtained in Objective examination for 10 marks and Assignment for 5 marks are added to the Descriptive examination (as mentioned in above paragraph) marks of 15 for finalizing internal marks of 30.

- iv. The End semester examination paper should consist of 10 questions, two from each unit with a choice of **Either Or** within the unit. Students have to answer one question from each unit which carries 14 marks, and a total of  $5 \times 14 = 70$  Marks.
- v. For practical subjects there shall be continuous evaluation during the semester for 50 marks for internal examination and 50 marks for end semester examination. The 50 marks for internal examinations shall be awarded as follows: day to day work - 20 marks, record-10 marks and the remaining 20 marks to be awarded by conducting an internal laboratory examination. The end semester examination shall be conducted by the teacher concerned and external examiner.
- vi. For the subject having design and/or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 30 marks for internal evaluation (15 marks for day-to-day work, and 15 marks for mid-term examinations) and 70 marks for end semester examination. There shall be two mid-term examinations in a Semester and the Marks for 15 can be calculated with 80% weightage for best of the two and 20% weightage for other and these are to be added to the marks obtained in day to day work.

- vii.** 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 minimum 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.
- viii.** Out of a total of 200 marks for the project work, 60 marks shall be for Internal Evaluation and 140 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.
- ix. External Evaluation:**
- **Valuation:** The Question paper shall be set externally and the answer scripts will also be valued externally.
  - **Revaluation:** As per the Notification issued by Dean-Evaluation/Controller of Examinations, the students can submit the applications for revaluation, along with the fee receipt of revaluation of his/her answer script(s) of theory course(s), if he is not satisfied with the Grade obtained.
  - The Controller of Examinations shall arrange for revaluation of those answer script(s). A New external examiner, other than the first examiner, shall re-evaluate the answer script. Better marks of the two will be taken into consideration for awarding grade.
- x. Supplementary Examination:**
- There will be supplementary examination for the programme such that for odd semester courses the supplementary exams will be conducted during summer vacation and for the even semester courses, the supplementary exams will be conducted during the winter vacation.
- xi. Moderation of Marks:**
- The examination/results review committee will analyse the subject-wise and overall pass percentage and if required moderation of marks may be considered.
- xii. Award of Marks by Grafting:**
- The application of grafting will be extended only to the candidate who secures a required a pass mark after affecting the rule of graft. Grafting will be done from other Theory/ Practical External Examination papers only. Grafting will not be allowed from internal marks. Grafting of maximum 1% of total marks of semester External marks will be allowed. Grafting will be awarded for Theory/Practical including internal marks for not more than two subject/papers in semester-end examinations.

#### **4. Attendance Requirements**

- i. A student is eligible to write the University examinations if he acquires a minimum of 75% of attendance in aggregate of all the subjects.
- 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 not be condoned.
- iv. A student who is short of attendance in semester may seek re-admission into that semester when offered within 4 weeks from the date of the commencement of class work.
- v. Students whose shortage of attendance is not condoned in any semester are not eligible to write their end semester examination of that class.
- vi. A stipulated fee shall be payable towards condonation of shortage of attendance.
- vii. A student will be promoted to the next semester if he satisfies the (i) attendance requirement of the present semester and (ii) minimum required credits.
- viii. If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.

#### **5. Minimum Academic Requirements**

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no. 4.

- 5.1 A student is deemed to have satisfied the minimum academic requirements if he has
  - i. Earned the credits allotted to each theory, design/drawing subject by securing not less than 40% of marks in the end semester exam, and minimum 40% of marks in the sum total of the internal marks and end semester examination marks.
  - ii. Earned the credits allotted to each practical and project by securing not less than 50% of marks in the end semester exam, and minimum 50% of marks in the sum total of the internal marks and end semester examination marks.
- 5.2 A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement.
- 5.3 A student will be promoted from II year to III year if he fulfills the academic requirement of 40% of the 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.
- 5.4 A student shall be promoted from III year to IV year if he fulfils 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.
- 5.5 A student shall register and put up minimum attendance in all 180 credits and earn all 180 credits.

## 6. Course Pattern

The entire course of study is for four academic years, all the years are on semester pattern.

- i. A student eligible to appear for the end semester examination in a subject, but absent from it or has failed in the end semester examination, may write the exam in that subject when conducted next.
- ii. When a student is detained for lack of credits/shortage of attendance, he may be re-admitted into the same semester/year in which he has been detained. However, the academic regulations under which he was first admitted shall continue to be applicable to him.

## 7. CGPA

Marks Range Theory & Lab (Max:100)	Letter Grade	Level	Grade Point
≥ 90	O	Outstanding	10
≥80 to <90	S	Excellent	9
≥70 to <80	A	Very Good	8
≥60 to <70	B	Good	7
≥50 to <60	C	Fair	6
≥40 to <50	D	Satisfactory	5
<40	F	Fail	0
		Absent	0

### Computation of SGPA

- ❖ The following procedure is to be adopted to compute the Semester Grade Point Average. (SGPA) and Cumulative Grade Point Average (CGPA):
- ❖ The **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** ( $S_i$ ) =  $\sum (C_i \times G_i) / \sum C_i$
- ❖ Where  $C_i$  is the number of credits of the  $i$ th course and  $G_i$  is the grade point scored by the student in the  $i$ th course.

### Computation of CGPA

- ❖ The **CGPA** is also calculated in the same manner taking into account all the courses undergone by a student over all the semester of a programme, i.e.
- ❖ **CGPA** =  $\sum (C_i \times S_i) / \sum C_i$
- ❖ Where  $S_i$  is the SGPA of the  $i$ th semester and  $C_i$  is the total number of credits in that semester.
- ❖ The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.
- ❖ **Equivalent Percentage = (CGPA-0.5) x 10**

## 8. 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 shall be placed in one of the following four classes:

<b>Class Awarded</b>	<b>CGPA to be secured</b>	<b>From the CGPA secured from 180 Credits</b>
First Class with Distinction	$\geq 7.5$ with no subject failures	
First Class	$\geq 6.5$	
Second Class	$\geq 5.5$ to $< 6.5$	
Pass Class	$\geq 4.5$ to $< 5.5$	

## 9. Minimum Instruction Days

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

10. There shall be no branch transfers after the completion of admission process.

## 11. Withholding of Results

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

## 12. General

1. Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
2. The academic regulation should be read as a whole for the purpose of any interpretation.
3. In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Principal is final.

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## **ACADEMIC REGULATIONS (R17) FOR B. TECH. (LATERAL ENTRY SCHEME)**

Applicable for the students admitted into II year B. Tech. from the Academic Year 2018-19 onwards

### **1. Award of B. Tech. Degree**

A student will be declared eligible for the award of B. Tech. Degree if he fulfills the following academic regulations:

- i. A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than three and not more than six academic years.
- ii. The candidate shall register for 133 credits and secure all the 133 credits.

### **2. The attendance regulations of B. Tech. (Regular) shall be applicable to B.Tech (Lateral Entry).**

### **3. Promotion Rule**

A student shall be promoted from second year to third year if he fulfills the minimum attendance requirement.

A student shall be promoted from III year to IV year if he fulfills the academic requirements of 40% of the credits upto 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.

### **4. Award of Class**

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

<b>Class Awarded</b>	<b>CGPA to be secured</b>	<b>From the CGPA secured from 133 Credits</b>
First Class with Distinction	$\geq 7.5$ with no subject failures	
First Class	$\geq 6.5$	
Second Class	$\geq 5.5$ to $< 6.5$	
Pass Class	$\geq 4.5$ to $< 5.5$	

### **5. All the other regulations as applicable to B. Tech. 4-year degree course (Regular) will hold good for B. Tech. (Lateral Entry Scheme).**

## MALPRACTICES RULES

### DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS

Practices/Improper conduct		punishment
<i>If the candidate:</i>		
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.
	(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. The Hall Ticket of the candidate is to be cancelled and sent to the University.
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 all University examinations. The 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.	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 University 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 Principal for further action to award suitable punishment.	

# Ragging

## Prohibition of Ragging in Educational Institutions Act 26 of 1997

### Salient Features

- ⇒ Ragging within or outside any educational institution is prohibited.
- ⇒ Ragging means doing an act which causes or is likely to cause Insult or Annoyance of Fear or Apprehension or Threat or Intimidation or outrage of modesty or Injury to a student

	Imprisonment upto		Fine Upto
Teasing, Embarrassing and Humiliation	 6 Months	+	Rs. 1,000/-
Assaulting or Using Criminal force or Criminal intimidation	 1 Year	+	Rs. 2,000/-
Wrongfully restraining or confining or causing hurt	 2 Years	+	Rs. 5,000/-
Causing grievous hurt, kidnapping or Abducts or rape or committing unnatural offence	 5 Years	+	Rs. 10,000/-
Causing death or abetting suicide	 10 Months	+	Rs. 50,000/-

**IN CASE OF ANY EMERGENCY CALL: 9490629574**

**LET US MAKE SRKR ENGINEERING COLLEGE (AUTONOMOUS)  
AS A RAGGING FREE INSTITUTE**

# Ragging



## **ABSOLUTELY NO TO RAGGING**

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1. Ragging is prohibited as per Act 26 of A.P. Legislative Assembly, 1997.
2. Ragging entails heavy fines and/or imprisonment.
3. Ragging invokes suspension and dismissal from the College.
4. Outsiders are prohibited from entering the College and Hostel without permission.
5. Girl students must be in their hostel rooms by 7.00 p.m.
6. All the students must carry their Identity Cards and show them when demanded
7. The Principal and the Wardens may visit the Hostels and inspect the rooms any time.

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