

**VELAGAPUDI RAMAKRISHNA  
SIDDHARTHA ENGINEERING COLLEGE**  
(Autonomous)



**VR14**

**Academic Rules and Regulations  
B.Tech. Degree Programs**

Applicable for the batch of students admitted from the Academic Year 2014-15

**VELAGAPUDI RAMAKRISHNA  
SIDDHARTHA ENGINEERING COLLEGE**

(Autonomous, Accredited with 'A' grade by NAAC)

Affiliated to Jawaharlal Nehru Technological University Kakinada

Approved by AICTE & ISO 9001: 2015 Certified

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**Effective from 2014-15**

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## 1. SHORT TITLE AND COMMENCEMENT

- (a) The regulations listed under this head are common for all degree level undergraduate programs (B. Tech.) offered by the college with effect from the academic year 2014-15 and they are called as "VR14" regulations.
- (b) The regulations here under are subject to amendments as may be made by the Academic Council of the college from time to time, keeping the recommendations of the Board of Studies in view. Any or all such amendments will be effective from such date and to such batches of candidates including those already undergoing the program, as may be decided by the Academic Council.

## 2. DEFINITIONS

- (a) "Commission" means University Grants Commission (UGC)
- (b) "Council" means All India Council for Technical Education (AICTE)
- (c) "University" means Jawaharlal Nehru Technological University Kakinada (JNTUK)
- (d) "College" means Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada
- (e) "Program" means any combination of courses and/or requirements leading to award of a degree
- (f) "Course" means a subject either theory or practical identified by its course title and code number and which is normally studied in a semester. For example, Data Structures is a course offered at third semester of B. Tech. (CSE) and its code is 14CS3304
- (g) "Degree" means an academic degree conferred by the university upon those who complete the undergraduate curriculum

- (h) "Regular Students" means student enrolled into the four year programme in the first year
- (i) "Lateral entry Students" means student enrolled into the four year programme in the second year

### 3. ACADEMIC PROGRAMS

#### 3.1 Nomenclature of Programs

3.1.1 The nomenclature and its abbreviation given below, shall continue to be used for the degree programs under the University, as required by the Council and the Commission

**Bachelor of Technology (B. Tech.)** Besides, the name of specialization shall be indicated in brackets after the abbreviation. For example UG engineering degree in Mechanical Engineering program is abbreviated as B.Tech. (Mechanical Engineering).

3.1.2 Bachelor of Technology (B. Tech.) degree program offered in:

1. Civil Engineering(CE)
2. Computer Science and Engineering(CSE)
3. Electronics and Communication Engineering(ECE)
4. Electrical and Electronics Engineering(EEE)
5. Electronics and Instrumentation Engineering(EIE)
6. Information Technology(IT)
7. Mechanical Engineering(ME)

## **4. DURATION OF THE PROGRAMS**

### **4.1 Normal Duration**

4.1.1 The duration of program for regular students shall be four years consisting of eight semesters.

4.1.2 The duration of the program for lateral entry students who are admitted in second year shall be three years consisting of six semesters.

### **4.2 Maximum Duration**

4.2.1 The maximum period which a student can take to complete a full time program shall be double the normal duration of the program, i.e., for regular students eight years. For lateral entry students the maximum duration is six years.

### **4.3 Minimum Duration of a Semester**

Each semester consists of a minimum of 90 instruction days with about minimum 25 and maximum 35 contact periods per week.

## **5. ADMISSION CRITERIA**

The eligibility criteria for admission into UG engineering programs is as per the norms approved by Government of Andhra Pradesh from time to time. The sanctioned seats in each program in the college are classified into CATEGORY-A and CATEGORY-B at first year level and Lateral Entry at second year level.

### 5.1 **CATEGORY - A Seats**

These seats will be filled as per the norms approved by the Government of Andhra Pradesh.

### 5.2 **CATEGORY - B Seats**

These seats will be filled by the College as per the norms approved by the Government of Andhra Pradesh.

### 5.3 **CATEGORY - Lateral Entry Seats**

Lateral entry candidates shall be admitted into the Third semester directly as per the norms approved by government of Andhra Pradesh. The percentages of Category-A, Category-B and Lateral Entry Seats are decided time to time by the Government of Andhra Pradesh.

## 6. **CREDIT SYSTEM AND GRADE POINTS**

### 6.1 **Credit Definition**

Credit means quantifying and recognizing learning. Credit is measured in terms of contact hours per week in a semester. Typically one credit is given to:

- (a) Theory course conducted for one contact period.
- (b) Laboratory course or Tutorials conducted for two contact periods.

However some courses may be prescribed with fixed number of credits depending on the complexity of the course and relative significance, irrespective of number of contact periods.

## 6.2 Credit Structure

6.2.1 A typical Credit Structure for course work (B.Tech Program) based on the above definition is given in the Table 1.

Table 1: Typical Credit Allocation Scheme for Courses

Lectures(L)	Tutorials(T)	Practical(P)	Total peri-ods	Total Cred-its
4	1	0	5	4
4	0	0	4	4
3	1	0	4	3
3	0	0	3	3
2	0	0	2	2
0	0	3	3	2

## 6.3 Semester Course Load

The average course load shall be fixed at 25 credits per semester with its minimum and maximum limits being set at 20 and 30 credits, respectively.

## 6.4 Grade Points and Letter Grade for a Course

The grade points and letter grade will be awarded to student in each course based on his/her performance as per the grading system shown in the Table 2.



Table 2: Grade points and letter grade scheme for a course

Theory/Drawing "% of Marks	Lab/Project "% of Marks	Grade Points	Letter Grade
>= 90	>= 90	10	Ex
80 - 89	80 - 89	9	A+
70 - 79	70 - 79	8	A
60 - 69	60 - 69	7	B
50 - 59	55 - 59	6	C
45 - 49	50 - 54	5	D
40 - 44	-	4	E
< 40	< 50	Fail	F

### 6.5 Semester Grade Points Average (SGPA)

The performance of each student at the end of the each semester is indicated in terms of SGPA. The SGPA is calculated as shown in eq.1

$$SGPA = \frac{\sum (CR \times GP)}{\sum CR(\text{for all courses Offered in semester})} \quad (1)$$

Where CR= Credits of a course

GP = Grade points awarded for a course

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

### 6.6 Cumulative Grade Point Average (CGPA)

The Cumulative Grade Point Average is a calculation of the average of all courses required for obtaining the degree.

The CGPA is calculated as shown in eq.2

$$CGPA = \frac{\sum (CR \times GP)}{\sum CR(\text{for entire programme})} \quad (2)$$

Where CR= Credits of a course

GP = Grade points awarded for a course

## 7. CURRICULUM FRAMEWORK

### 7.1 General Issues

7.1.1 Curriculum framework is important in setting the right direction for a Degree program as it takes into account the type and quantum of knowledge necessary to be acquired by a student to qualify for a award in his/her chosen branch or specialization.

7.1.2 Besides, this also helps in assigning the credits for each course, sequencing the courses semester-wise and finally arriving at the total number of courses to be studied and the total number of credits to be earned by a student to fulfil the requirements for conferment of degree.

7.1.3 Each theory course shall consist of four units.

### 7.2 Curriculum Structure

The curriculum structure is designed in such a way that it facilitates the courses required to attain the expected knowledge, skills and attitude by the time of their graduation as per the needs of the stakeholders. The curriculum structure consists of various course categories (as described in 7.2.1 to 7.2.8) to cover the depth and breadth required for

the program and for the attainment of program outcomes of the corresponding program.

### 7.2.1 Institutional Core

Institutional Core courses give the knowledge, skills and attitude expected in UG engineering graduates of all programs. The courses offered under this category are:

1. **Basic Sciences and Mathematics:**  
Basic Science courses shall include Engineering Physics, Engineering Chemistry, Engineering Physics Lab, Engineering Chemistry Lab and Mathematics courses that include Linear Algebra and Differential Equations, Calculus and Complex Analysis and Numerical Methods
2. **Basic Engineering Sciences:**  
Basic Engineering Science courses shall include Introduction to Computing, Programming in C, Basics of Electrical Engineering, Basics of Electronics Engineering, Basics of Mechanical Engineering, Basics of Civil Engineering, Mechanics for Engineers, Basic Computing Lab, C Programming Lab, Engineering Graphics and Workshop Practice.
3. **Humanities and Social Sciences:**  
Humanities and Social Science Courses shall include Technical English and Communication Skills, Professional Ethics, Environmental Studies, Engineering Economics and Finance and Communication Skills Lab.

### 7.2.2 Institutional Electives

Institutional Electives are offered across the programs to enhance the knowledge breadth and professional competency of the students. The student should register the courses offered by other departments

as an elective. The courses offered under this category cover the interdisciplinary knowledge in the following areas:

- (a) Engineering Sciences
- (b) Humanities / Social Sciences

Each department shall offer minimum four courses to choose. Departments may indicate the maximum number of students allowed to register against each course.

### 7.2.3 Program Core

The Program core consists of set of courses considered necessary for the students of the specific program. The courses under this category should satisfy the program specific criteria prescribed by the appropriate professional societies.

### 7.2.4 Program Electives

The program electives are set of courses offered in the program which covers depth and breadth to further strengthen their knowledge. The students may register for appropriate electives offered in the program based on their area of interest.

### 7.2.5 Independent Learning

The students are expected to learn the courses offered under this category on their own. The courses offered under this category include:

- (a) Self-Learning Course:

The self-learning courses will be recommended by the department from the available open courseware. The course under this category carries two Credits.

(b) Term Paper, Mini Project and Major Project:

The term paper and Mini Project courses carry two credits each and Major Project carries 10 credits.

### 7.2.6 Industry Interaction

The students may register for one of the following:

(a) Internships:

The students are expected to do internship of minimum 3 weeks duration in the industry approved by respective Head of the Department. It carries two credits.

(b) Industry offered courses:

The courses under this category shall be offered by the Industry experts whose minimum academic qualification is Bachelor of Engineering or equivalent. The courses under this category carry two credits.

It is mandatory to pass either 7.2.6(a) or 7.2.6(b). It is mandatory to acquire minimum two credits for the award of degree.

### 7.2.7 Personality Development

The courses offered under this category are to improve employability skills of the students. One course in each semester of 3<sup>rd</sup> year will be offered.

### 7.2.8 Student Practice

Student Practice Courses are aimed at improving their professional competency. Student will have to participate successfully in the activities listed below. Student shall participate in any two events from (a) or any one activity from [b - e], before completion of 6<sup>th</sup> semester:

- (a) Co-curricular participation:  
Student should have participated in Technical Quizzes/Student paper contest/Seminars/Conferences etc., approved by the department.
- (b) National Service Scheme (NSS):  
Student should have enrolled as a member of NSS at least for one year.
- (c) National Cadet Corps (NCC):  
Cadet of NCC for a minimum period of one year.
- (d) Games and Sports:  
Participation in the university level and above competitions.
- (e) Art and Cultural:  
Participation in the university level and above competitions.

### 7.3 Course Numbering Scheme

The Course number consists of eight digits/alphabets. A typical course number is illustrated in the following figure 1.

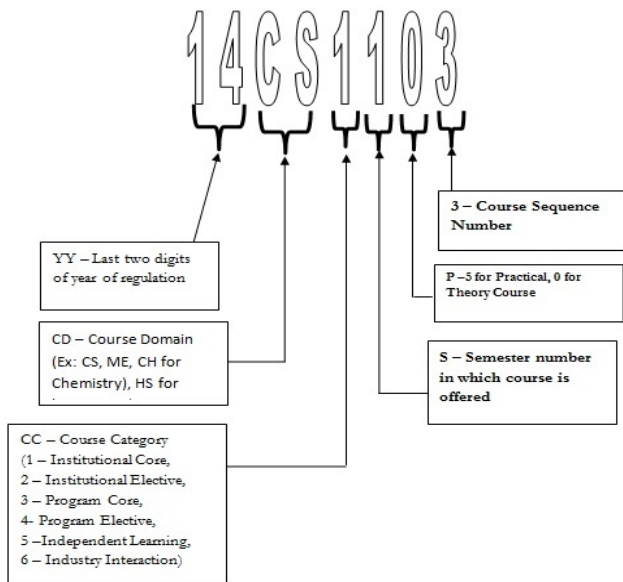


Figure 1: Course Numbering Scheme

#### 7.4 Scheme of Instruction and Examination

The scheme of instruction and examination of all B. Tech programs are given in Annexure I.

#### 7.5 Medium of Instruction and Examination

The medium of instruction and examination is English.

## 8. EXAMINATIONS AND SCHEME OF EVALUATION

### 8.1 Description

8.1.1 **Continuous Evaluation (CE)**, to be conducted by the course faculty/course coordinator all through the semester; and, to include mid-term tests, assignments, seminar, project and other means covering the entire syllabus of the course.

8.1.2 **Semester End Examination (SE)**, to be conducted by chief controller of examinations at the end of a semester, as per the academic calendar and to include a written examination for theory courses and practical/project examination with built-in oral part for laboratory/project courses.

### 8.2 Continuous Evaluation(CE)

#### 8.2.1 Theory Courses

For each theory course there shall be continuous evaluation for 30 marks. Continuous evaluation for theory courses consists of three components, namely, home assignment, mid-term examination and assignment.

- (a) 5 marks in each theory course shall be allotted for home assignments. The home assignments are to be decided by the course coordinators. There shall not be an overlap or repetition of questions/problems of home assignments with those of assignment tests. Separate problems are to be given for the home assignments for five marks to provide broadened exposure to the subject.
- (b) Two midterm examinations each for 15 marks will be conducted for **90 minutes** duration. The midterm marks shall be awarded giving a weightage of 2/3rd in the midterm examination in which the student scores more marks and 1/3rd for the



midterm examination in which the student scores less marks.

The question paper shall be given in the following pattern:

Part A: Shall contain 'five' questions of one mark each.

Part B: Shall contain 'three' questions of 5 marks each out of which student must answer two questions.

- (c) Two assignment tests each for 10 marks are to be conducted for **50 minutes**. The assignment marks shall be awarded giving a weightage of 2/3rd in the assignment examination in which the student scores more marks and 1/3rd for the assignment examination in which the student scores less marks.

The question paper shall contain two comprehensive questions, each five marks.

### 8.2.2 Laboratory Courses

For Laboratory courses there shall be continuous evaluation during the semester for 30 marks and semester end examination for 70 marks. The distribution of continuous evaluation is given in the Table 3:

Table 3: Continuous Evaluation for laboratory courses

S.No	Criteria	Marks
1	Day to Day Work	10
2	Record	05
3	Internal Examination	15

### 8.2.3 Term Paper and Mini Project

For Term Paper / Mini Project there shall be continuous evaluation during the semester for 30 marks and semester end evaluation for

70 marks. The distribution of continuous evaluation is given in the Table 4:

Table 4: Continuous Evaluation

S.No	Criteria	Marks
1	Day to Day Assessment	10
2	Two Seminars	10+10

#### 8.2.4 Major Project

For Major Project there shall be continuous evaluation during the semester for 30 marks and semester end evaluation for 70 marks. The continuous evaluation for the Major Project shall be on the basis of two seminars by each student on the topic of his/her project. These seminars are evaluated by project review committee. In addition to this, the project guide will evaluate for day to day performance.

The project review committee shall consists of Head of Department, program coordinator and one senior faculty member of department. The distribution of marks is given in the Table 5:

Table 5: Continuous Evaluation for major project

S.No	Criteria	Marks
1	Two Seminars	10+10
2	Day to Day Assessment	10

#### 8.2.5 Self-Learning Courses

For the courses under this category there shall be continuous evaluation for 30 marks and semester end examination for 70 marks. The

distribution of marks for continuous evaluation is given in the Table 6:

Table 6: Continuous evaluation for self-learning courses

S.No	Criteria	Marks
1	As per section 8.2.1(a)	5
2	As per section 8.2.1(b)	15
3	As per section 8.2.1(c)	10

### 8.3 Semester End Examinations

#### 8.3.1 Theory Courses

The Semester end examinations shall be conducted for 3 hours duration at the end of the semester. The question paper shall be given in the following pattern :

1. **Part-A:** Shall contain 10 questions of one mark each. A minimum of two Questions will be given from each unit of the syllabus out of four units.
2. **Part-B:** There shall be two questions from each unit with internal choice. Each question carries 15 marks. Each course shall consist of four units of syllabus.

#### 8.3.2 Laboratory Courses

- (i) The semester end examination for laboratory courses shall be conducted for three hour duration at the end of semester for 70 marks. The distribution of marks shall be as shown in Table 7.

Table 7: Scheme of Evaluation of laboratory

S.No	Criteria	Marks
1	Procedure	20
2	Experiment/Program Execution	30
3	Result Analysis	10
4	Viva-Voce	10

- (ii) Each semester end lab examination shall be evaluated by an external examiner along with an internal examiner. The average of the marks awarded by internal and external examiners shall be taken in to consideration.

### 8.3.3 Term Paper and Mini Project

The distribution of Semester end examination marks for Term Paper and Mini Project is given in the Table 8.

Table 8: Semester end evaluation of Term Paper and Mini Project

S.No	Criteria	Marks
1	Report	40
2	Seminar \ Project Demonstration	30

The semester end examination shall be evaluated by program coordinator and senior faculty nominated by chief controller of examinations.

### 8.3.4 Major Project

The semester end examination for major project work shall be evaluated for 70 marks by a committee consisting of an external examiner, Head of the Department and Program coordinator. The evaluation of project work shall be conducted at the end of the VIII

Semester.

The average of the marks awarded by the committee members shall be taken into consideration in case of variation among the members. The evaluation of 70 marks is distributed as given in Table 9:

Table 9: Semester end evaluation of Major Project

S.No	Criteria	Marks
1	Report	30
2	Presentation	20
3	Project Demonstration/Execution	20

### 8.3.5 Self-Learning Courses

The semester end examinations for courses under this category are evaluated for 70 marks. The question paper shall be set as described in 8.3.1 by course coordinator and same is to be given to the controller of examinations. The evaluation of the semester end examination will be carried by the course coordinator.

### 8.3.6 Industry Interaction

(a) Internships:

The candidate shall submit the comprehensive report to the department. The report will be evaluated for 100 marks by the project review committee constituted as given in sec.8.2.4

(b) Industry Offered Courses:

The semester end examination for courses under this category is evaluated for 100 marks and it shall be conducted and evaluated by the industry expert who has delivered the lecture or by faculty nominated by the head of the department in consultation with the industry expert. The question paper pattern shall be decided by the industry expert at the beginning of the course and same is to be approved by

the head of the department.

There will not be continuous evaluation for the courses under this category.

### 8.3.7 Personality Development

To complete this course the candidate should get either 75 percentage of attendance or 50 percentage of marks in the semester end examination in both courses offered in third year under this category. If the candidate fails, he/she can repeat the semester end examination after one month. The semester end examination will be conducted and evaluated by the course coordinator.

There will not be continuous evaluation for the courses under this category.

### 8.3.8 Student Practice Courses

Student can complete this course by participating in any two events from (a) or any one activity from [b - e].

(a) **Co-curricular participation:**

Student should have participated in Technical Quizzes/Student paper contest/Seminars/Conferences etc., approved by the department.

(b) **National Service Scheme (NSS):** Student should have enrolled as a member of NSS at least for one year.

(c) **National Cadet Corps (NCC):** Cadet of NCC for a minimum period of one year.

(d) **Games and Sports:** Participation in the university level and above competitions.

(e) **Art and Cultural:**

Participation in the university level and above competitions.

#### 8.4 **Conditions for Pass**

8.4.1 A candidate shall be declared to have passed in individual theory/drawing course if he/she secures a minimum of 40% aggregate marks (Continuous Evaluation and semester end examination marks put together), subject to a minimum of 35% marks in semester end examination.

8.4.2 A candidate shall be declared to have passed in individual lab/project course if he/she secures a minimum of 50% aggregate marks (Continuous Evaluation and semester end examination marks put together), subject to a minimum of 40% marks in semester end examination.

8.4.3 The student has to pass the failed course by appearing the supplementary examination as per the requirement for the award of degree.

8.4.4 On passing a course of a program, the student shall earn assigned credits for that Course.

#### 8.5 **Revaluation**

##### 8.5.1 Continuous Evaluation

The continuous evaluation scripts shall be shown to the student before finalizing the marks. However, if the student has any concern, not addressed before finalization of marks, he/she may submit the application for revaluation to the concerned head of the department.

The Head of the Department may constitute a two member com-

mittee for reevaluating the script. The evaluation of the committee is final and binding.

### 8.5.2 Semester end Examinations

1. As per the notification issued by the Chief Controller of Examinations, the students can submit the applications for reevaluation, along with the requisite fee receipt for reevaluation of his/her answer script(s) of theory course(s), if he/she is not satisfied with marks obtained.
2. The Controller of Examinations shall arrange for re-evaluation of those answer script(s).
3. A new external examiner, other than the first examiner, shall reevaluate the answer script(s).
4. Better marks of the two will be taken into consideration.

### 8.6 Withholding of Results

If the student has not paid any dues to the college or if any case of malpractice or indiscipline is pending against him, the result of the student will be withheld and he will not be allowed into the next semester. His/Her degree will be withheld in such cases.

## 9. CRITERIA TO ATTEND SEMESTER END EXAMINATION AND PROMOTION TO HIGHER SEMESTER

### 9.1 Eligibility for Semester End Examinations

#### 9.1.1 Attendance

Regular course of study means a minimum average attendance of 75% in all the courses computed by totalling the number of periods



of lectures, tutorials, drawing, practical, Personality development courses and project work as the case may be, held in every course as the denominator and the total number of periods attended by the student in all the courses put together as the numerator.

Condonation of shortage in attendance may be recommended by respective Heads of Departments on genuine medical grounds, provided the student puts in at least 65% attendance as calculated above and provided the Principal is satisfied with the genuineness of the reasons and the conduct of the student.

Students, having more than 65% and less than 75% of attendance, shall have to pay requisite fee towards condonation.

### 9.1.2 Marks

Minimum of 50% aggregate marks must be secured by the candidates in the internal examinations conducted for theory, practice and lab courses, to be eligible to write semester end examinations.

However, if the student is eligible to write the semester end examinations based on the attendance, in case necessary, a shortage of internal marks up to a maximum of 10% may be condoned by the Principal based on the recommendations of the Heads of the Departments.

Students having shortage of internal marks up to a maximum of 10% shall have to pay requisite fee towards condonation.

## 9.2 Conditions for Promotion

9.2.1 A student shall be eligible for promotion to next Semester of B.Tech program, if he/she satisfies the conditions as stipulated in Regulations 9.1.1 and 9.1.2.

9.2.2 Eligible candidate who failed to register for the semester-end examinations shall not be permitted to continue the subsequent semester, and has to repeat the semester for which he/she has not registered for semester end examinations.

### 9.2.3 Promotion to V Semester

A regular student shall be promoted from semester - IV to semester - V only if he fulfils the academic requirements of 38 credits (up to III semester) from the following Examinations, whether the candidate takes the examinations or not.

- (a) One Regular and Two subsequent Supplementary Examinations of Semester - I
- (b) One Regular and One subsequent Supplementary Examinations of Semester - II
- (c) One Regular Examination of Semester - III

### 9.2.4 Promotion to VII Semester

#### 1. Regular students

A Student shall be promoted from Semester - VI to Semester - VII only if he fulfils the academic requirements of 64 credits (up to V Semester) from the following Examinations, whether the candidate takes the examination or not.

- (a) One Regular and Four subsequent Supplementary Examinations of Semester - I
- (b) One Regular and Three subsequent Supplementary Examinations of Semester - II
- (c) One Regular and Two subsequent Supplementary Examinations of Semester - III
- (d) One Regular and One subsequent Supplementary Examinations of Semester - IV
- (e) One Regular Examinations of Semester - V

2. Lateral Entry students:

A Student shall be promoted from Semester - VI to Semester - VII only if he fulfills the academic requirements of 39 credits from the following Examinations, whether the candidate takes the examination or not.

- (a) One Regular and Two subsequent Supplementary Examinations of Semester - III
- (b) One Regular and One subsequent Supplementary Examinations of Semester - IV
- (c) One Regular Examinations of Semester - V

Table 10: Promotion Criteria

For Admission into	Regular students	Lateral Entry students
V Semester	38 out of 76	-
VII Semester	64 out of 128	39 out of 78

## **10. SUPPLEMENTARY EXAMINATIONS**

### **10.1 General**

10.1.1 Supplementary examinations will be conducted along with regular semester end examinations.

10.1.2 Semester end supplementary Examinations shall be conducted in courses of each semester four times after the conduct of the last set of regular examinations (i.e. IV/IV B.Tech., Second Semester Examinations) under the present regulation.

10.1.3 Thereafter supplementary examinations will be conducted in the equivalent courses as prescribed by concerned BOS.

### **10.2 Advance Supplementary Exams**

Candidate(s), who failed in Theory or Lab courses of 8<sup>th</sup> semester, can appear for advanced supplementary examination conducted within one month after declaration of the revaluation results. However, those candidates that fail in this advanced supplementary examinations of 8<sup>th</sup> shall appear for subsequent examination along with regular candidates in the examinations conducted at the end of the respective academic year.

## **11. READMISSION CRITERIA**

A candidate, who is detained in a semester due to lack of attendance / marks /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/-

### **11.1 Rules for Calculation of Attendance for Re-Admitted students:**

- (a) No. of classes conducted will be counted from the day 1 of the semester concerned, irrespective of the date of payment of tuition fee.
- (b) They should submit a written request to the principal of the college, along with a challan paid towards tuition and other fee, for re-admission before the commencement of class-work.
- (c) Student should come to know about the date of commencement of class-work of the semester in to which he/she wishes to get re-admission. The information regarding date of commencement of class-work for each semester is available in the college notice boards / website.

## **12. BREAK IN STUDY**

Student, who discontinues the studies for what so ever may be the reason, can get readmission into appropriate semester of B.Tech programme after break-in study only with the prior permission of the Principal of the College provided such candidate shall follow the transitory regulations applicable to such batch in which he/she joins. An administrative fee of Rs. 2,000/- per each year of break in study in addition to the prescribed tuition and special fee has to be paid by the candidate to condone his/her break in study.

## **13. TRANSITORY REGULATIONS**

For the candidates, who are detained or discontinued in the semester, on readmission "VR14" rules and regulations shall apply. The candidates shall pass all the courses in the curriculum of "VR14". However, Board of studies may prescribe equivalent courses if it deems necessary and same shall be approved/ ratified by academic council.

## **14. ELIGIBILITY FOR AWARD OF B.Tech. DEGREE**

14.1 The B.Tech Degree shall be conferred on a candidate who has satisfied the following requirements.

### 14.1.1 Regular Students

- (a) A Regular student (four year programme) should register himself/herself for 200 Credits from the categories 7.2.1 to 7.2.6, and shall secure 200 credits.
- (b) Student shall register for courses categories 7.2.7 and 7.2.8 and successfully complete as given in 8.3.7 and 8.3.8.

### 14.1.2 Lateral Entry Students

- (a) A lateral entry student (three year programme) should register himself for 150 Credits from the categories 7.2.1 to 7.2.6, and shall secure 150 credits.
- (b) A lateral entry Student shall register for courses categories 7.2.7 and 7.2.8 and successfully complete as given in 8.3.7 and 8.3.8.

## **14.2 Award of Division**

The criteria for award of division, after completion of program as per section 14.1, is as shown in Table 11.

Table 11: Criteria for award of division

CGPA	DIVISION
$\geq 7.75$	First class With Distinction
$\geq 6.5 - < 7.75$	First Class
$\geq 5.5 - < 6.5$	Second Class
$\geq 4 - < 5.5$	Pass Class
$< 4$	Fail

For the purpose of awarding First Class with Distinction CGPA obtained

- (a) **within 4 years** - in case of candidates admitted through EAMCET and Management Quota
- (b) **within 3 years** - in case of Lateral Entry candidates admitted through ECET.

Detained and break-in study candidates are not eligible for the award of First Class with Distinction.

For the purpose of awarding First, Second and pass Class. CGPA obtained in the examinations appeared within the maximum period allowed for the completion of course shall be considered.

### 14.3 Consolidated Grade Card

A consolidated grade card containing credits and grades obtained by the candidates and the average semester attendance will be issued after completion of the four year B.Tech Program.

## **15. IMPROVEMENT OF CUMULATIVE GRADE POINT AVERAGE**

15.1 A candidate, after becoming eligible for the award of the Degree, may reappear for the semester end Examination in any of the theory courses as and when conducted, for the purpose of improving the aggregate and the class. But this reappearance shall be within a period of two academic years after becoming eligible for the award of the Degree subject to fulfilment of section 14.

15.2 However, this facility shall not be availed of by a candidate who has taken the Provisional Certificate. Candidate shall be permitted to reappear for semester end examinations only for theory courses.

15.3 Modified Grade Cards and New Consolidated Grade Card will be issued after incorporating new Grades and Credits.

## **16. CONDUCT AND DISCIPLINE**

16.1 Students shall conduct themselves within and outside the premises of the Institute in a manner befitting the students of our Institution.

16.2 As per the order of Honorable Supreme Court of India, ragging in any form is considered a criminal offence and is banned. Any form of ragging will be severely dealt with.

16.3 The following acts of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures with regard to ragging.

- (a) Lack of courtesy and decorum; indecent behavior anywhere within or outside the campus.
- (b) Willful distribution of alcoholic drinks or any kind of narcotics to fellow students/citizens.



16.4 The following activities are not allowed within the campus

- (a) Possession, consumption or distribution of alcoholic drinks or any kind of narcotics or hallucinogenic drugs.
- (b) Mutilation or unauthorized possession of library books.
- (c) Noisy and unseemly behavior, disturbing studies of fellow students.
- (d) 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 cybercrime etc.
- (e) Use of cell phones in the campus.
- (f) Plagiarism of any nature.
- (g) Any other act of gross indiscipline as decided by the college from time to time.

16.5 Commensurate with the gravity of offense, the punishment may be reprimand, fine, expulsion from the institute / hostel, debarment from an 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.

16.6 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.

16.7 Cases of adoption of unfair means and/or any malpractice in an examination shall be reported to the Principal for taking appropriate action.

16.8 Un-authorized collection of money in any form is strictly prohibited.

16.9 Detained and Break-in-Study candidates are allowed into the campus for academic purposes only with permission from Authorities.

16.10 Misconduct committed by a student outside the college campus but having the effect of damaging, undermining and tarnishing the image and reputation of the institution will make the student concerned liable for disciplinary action commensurate with the nature and gravity of such misconduct.

16.11 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.

16.12 "Grievance Appeal Committee" (General) constituted by the Principal shall deal with all grievances pertaining to the academic / administrative /disciplinary matters.

16.13 All the students must abide by the code and conduct rules of the college.

## **17. MALPRACTICES**

17.1 The Principal shall refer the cases of malpractices in Continuous Evaluation and Semester-End Examinations, to a Malpractice Enquiry Committee, constituted by him/her for the purpose. Such committee shall follow the approved scales of punishment. The Principal shall take necessary action, against the erring students based on the recommendations of the committee.

17.2 Any action on the part of student at an examination 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 hereunder. The involvement of the Staff, who are in charge of conducting examinations, valuing examination papers and preparing/keeping records of documents relating to the examinations in such acts (inclusive of providing incorrect or misleading information) that infringe upon the course of natural justice to one and all concerned at the examination shall be viewed seriously and recommended for award of appropriate punishment after thorough enquiry.

## **18. OTHER MATTERS**

18.1 The physically challenged candidates who have availed additional examination time and a scribe during their Intermediate /EAMCET examinations will be given similar concessions on production of relevant proof /documents.

18.2 Students who are suffering from contagious diseases are not allowed to appear either internal or semester end examinations.

18.3 The students who participated in coaching/tournaments held at State/ National /International levels through University / Indian Olympic Association during semester end 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.

18.4 The Principal shall deal with any academic problem, which is not covered under these rules and regulations, in consultation with the administrative colleagues and Heads of the Departments in an appropriate manner, and subsequently such actions shall be placed before the academic council for ratification.

## **19. AMENDMENTS TO REGULATIONS**

The Academic Council may, from time to time, revise, amend or change the regulations, schemes of examination and/or syllabi.