

**PRASAD V POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
AUTONOMOUS**

**AICTE approved, NBA & NAAC accredited, ISO 9001 – 2008 certified Institution
& Permanent affiliation to JNTUK Kakinada**

**HAND BOOK OF ACADEMIC REGULATIONS (PVP14)
and
FOUR YEAR B.Tech Course Structure**



Sponsored by
Siddhartha Academy of General & Technical Education
Vijayawada

Our other Institutions :

1. Parvathaneni Brahmayya Siddhartha College of Arts & Science
2. Parvathaneni Brahmayya Siddhartha Junior College of Arts & Science
3. Veeramachaneni Paddayya Siddhartha Public School
4. Velagapudi Ramakrishna Siddhartha Engineering College
5. Sri Durga Malleswara Siddhartha Mahila Kalasala
6. Sri Durga Malleswara Siddhartha Mahila Junior Kalasala
7. Y.V. Rao Siddhartha College of Education
8. Sri Velagapudi Durgamba Siddhartha Law College
9. KCP Siddhartha Adarsh Residential Public School
10. K.V. Sadasiva Rao Siddhartha College of Pharmaceutical Sciences
11. A.G. & S.G. Siddhartha Arts & Science College
12. A.G. & S.G. Siddhartha Arts & Science Junior College
13. Siddhartha Institute of Hotel Management & Catering Technology
14. Dr. Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation
15. Siddhartha School of Nursing
16. Drs. Sudha & Nageswara Rao Siddhartha Institute of Dental Sciences
17. Dr. C. Sobhanadri Siddhartha College of Nursing

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY

SIDDHARTHA ACADEMY

Siddhartha Nagar, Moghalrajpuram, Vijayawada -10.

Tel: 0866 - 2475866, 2476026 ; Tele Fax : 091 – 866 – 2476086 ;

E – mail: Siddhartha.academy@yahoo.in

President	-	Sri N. Venkateswarlu, MA, BL
Vice-President	-	Sri M. Rajayya, BSc
Vice-President	-	Dr. C. Nageswara Rao, MS, FRCSC, FACS
Secretary	-	Sri P. Lakshmana Rao, BCom, FCA
Joint Secretary	-	Sri N. Lalitha Prasad
Joint Secretary	-	Sri Chanumolu Krishna Rao
Treasurer	-	Sri Sureddi Venkateswara Rao

COLLEGE COMMITTEE

Kanuru, Vijayawada – 520 007

Ph: 0866 – 2581699, e-mail: principal@pvpsiddhartha.ac.in,

Web: www.pvpsiddhartha.ac.in

Convenor:	Sri B. Sri Ramulu,	Ph: 9949303322
Members:	Sri K. Keshav	Ph: 9848123546
	Sri T. Raghava Prasad	Ph: 9849558000
	Sri L. Ravindra Rao	Ph: 9849529297
	Sri M. Surendranath	Ph: 9849082838

COLLEGE GOVERNING BODY			
S.No.	Name	Address	Designation
1	Sri N. Venkateswarlu	President, Siddhartha Academy of General & Technical Education	Chairman
2	Sri P. Lakshmana Rao	Secretary, Siddhartha Academy of General & Technical Education	Member
3	Dr. C. Nageswara Rao	Vice President, Siddhartha Academy of General & Technical Education	Member
4	Sri Sureddi Venkateswara Rao	Treasurer, Siddhartha Academy of General & Technical Education	Member
5	Sri B. Sree Ramulu	College Convenor	Member
6	Dr. B. Prabhakara Rao	Professor of ECE, Rector, JNTUK, Kakinada	Member, JNTUK Nominee
7	Sri M. Seshagiri Rao	Principal, Government Polytechnic, Vijayawada	Member, Govt. Nominee
8	Sri D. Ramakrishna	MD, Effotronics Systems Private Ltd., Vijayawada	Member, Industry Nominee
9	Dr. S. A. Suryanwanshi	SRTM University, Nanded, Maharashtra (Former VC)	Member, UGC Nominee
10	Regional Officer	AICTE Regional Office, Hyderabad	Member, AICTE Nominee
11	Dr. J. Rajendra Prasad	Department of Information Technology	Member, Faculty Representative
12	Dr. K. Sivaji Babu	Department of Mechanical Engineering	Member, Faculty Representative
13	Dr. S.V.M. Bhuvanaika Rao	Principal	Member Secretary

ACADEMIC COUNCIL			
S.No.	Name	Address	Designation
1	Dr. S.V.M. Bhuvanaika	Principal	Chairman
2	Dr. K.V.G.K. Rao	Professor & Head, Civil, Vice Principal	Member
3	Dr. T. Venkateswara Rao	Professor & Head, CSE	Member
4	Dr. J. Rajendra Prasad	Professor & Head, IT	Member
5	Dr. P. Rajesh Kumar	Professor & Head, ECE	Member
6	Dr. V. Vasudeva Rao	Professor & Head, ECM	Member
7	Sri S.V. Rao	Associate Professor & I/c Head, EEE	Member
8	Dr. K. Sivaji Babu	Professor & Head, ME	Member
9	Dr. K. Ravi	Professor & Head, AE	Member
10	Dr. P. Adi Lakshmi	Professor & Head, MBA	Member
11	Dr. B.D.C.N. Prasad	Professor & Head, MCA	Member
12	Dr. Ch.Padmanabha Raju	Professor & Head, FE	Member
13	Dr. M.V. Ramakrishna	Professor in CSE	Member, Teacher Nominee
13	Sri C. Subba Rao	Associate Professor, ECE	Member, Teacher Nominee
14	Sri Y. Ramakrishna	Associate Professor, ECE	Member, Teacher Nominee
15	Sri Ch. Murali Mohan	Sr. Asst. Professor, Physics	Member, Teacher Nominee
16	Dr.P. Uday Bhaskar	Professor in Civil Dept., Director Academic Planning, JNTUK, Kakinada	Member, University Nominee
17	Dr. Ch. Sai Babu	Professor in EEE Engineering, Director of Evaluation, JNTUK, Kakinada	Member, University Nominee

18	Dr. B. Prabhakara Rao	Professor in ECE, Rector,JNTUK, Kakinada	Member, University Nominee
19	Sri Srikanth Surmapudi	Head, HR, TCS Hyderabad	Member, Educationalist
20	Dr. G. Kesava Rao	Professor in EEE, VVIT, Nambur, Guntur Dist.	Member, Educationalist
21	Dr. N. Siva Prasad	Director, GITAM,Hyderabad	Member, Educationalist
22	Sri Raparla Chandra Mohan	Proprietor,Resins & Allied Products, Plot No. 176/2A,	Member, Industry Nominee
23	Sri Jammula SRK Prasad	CEO, Better Castings, JRD Tata Industrial Estate,	Member, Industry Nominee
24	Dr. B.V. Subba Rao	Professor in IT, PVP Siddhartha Institute of Technology	Member Secretary

ADMINISTRATION

S.No.	Name	Designation	Phone Number
1	Dr.S.V.M.Bhuvanaika Rao	Principal	9490958212
2	Dr.K.V.G.K. Rao	Head, Department of Civil Engineering, Vice Principal	9849045342
3	Dr. T. Venkateswara Rao	Head, Department of CSE	9849650210
4	Dr. P. Rajesh Kumar	Head, Department of ECE	9000264840
5	Sri S.V. Rao	I/c Head, Department of EEE	9441200442
6	Dr. J. Rajendra Prasad	Head, Department of IT, Chairman, Grievance Redressal Cell	9440463351
7	Dr. K. Sivaji Babu	Head, Department of ME	9490217899
8	Dr. K. Ravi	Head, Department of AE	8332867299
9	Dr. B.D.C.N. Prasad	Head, Department of MCA	9848458937

10	Dr. P. Adi Lakshmi	Head, Department of MBA, Chairman, Women's Grievance Cell	9491348818
11	Dr. V. Vasudeva Rao	Head, Department of ECM	8019521851
12	Dr. Ch. Padmanabha Raju	Head, Department of FE Chair man, Disciplinary & Anti Ragging Committee	9246400881
13	Dr. M.S.R. Niranjan Kumar	Controller of Examinations	9440491356
14	Sri R. Madhava Rao	Administrative Officer	9985882742
15	Sri A. Sudhakara Rao	Physical Director	9490958288
16	Sri G. Ramesh Babu	Training & Placement Officer	9640424777
17	Smt. T. Preethi Rangamani	Ladies Hostel Warden	9885029497
18	Sri J. Venkateswara Rao	Gents Hostel Warden	9394317177
19	Dr. A. Sudheer Babu	Chairman, Anti Ragging Squad	9490686868
20	Dr. B.V. Subba Rao	Chairman, Literary & Cultural Committee	9440109139
21	Sri M.V. Sekhar	Assistant Librarian	9440356984
22	Dr. C. Subba Rao	Alumni Association	9290876076
23	Sri B.V.R.V. Prasad	Management Representative, ISO	9948592702
24	Dr. K. Syam Sundar	NSS Co-ordinator	9963501295
25	Sri M. Dhadurya Naik	NCC Co-ordinator	9848280815

ACADEMIC REGULATIONS (PVP 14)

1. INTRODUCTION

Academic programs of the College are governed by rules and regulations as approved by the Academic Council (AC), the highest academic body of the College. The PVP14 academic rules and regulations are based on outcome based engineering education system as suggested by AC. The PVP14 academic rules and regulations are effective from the academic year 2014-15 for students admitted into four year under graduate programs offered by the college leading to Bachelor of Technology (B.Tech.)

2. PROGRAMMES OFFERED

Currently, the college is offering B.Tech. degree programs in the following disciplines:

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

3. DURATION OF THE PROGRAM

The duration of the program is four academic years consisting of eight semesters. A student is permitted to complete the B.Tech. program in a stipulated time frame of EIGHT years from the date of joining. The students joining in the third semester of B.Tech. program directly, through Lateral Entry (LE), shall have to complete the program in a stipulated time frame of SIX years from the date of joining. Otherwise they shall forfeit their seats in B.Tech. program and their admission shall stand cancelled.

4. MINIMUM INSTRUCTION DAYS

Each academic year shall be divided into two semesters. Each semester normally consists of a minimum of ninety instruction days.

5. 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.

5.1 CATEGORY- A Seats:

- These seats will be filled by the Convener, EAMCET admissions conducted by Government of Andhra Pradesh.

5.2 CATEGORY- B Seats:

- These seats will be filled by the college as per the guidelines of Andhra Pradesh State Council of Higher Education.

5.3 CATEGORY – Lateral Entry Seats:

- Additional seats of 20% 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.

6. PROGRAM STRUCTURE

Every course of the B.Tech. program will be placed in one of the categories listed in Table No - 1

Table - 1: Categories of courses

S.No.	Courses	Weightage
1	Basic Science Courses	10-15%
2	Basic Engineering Science Course	12 - 20%
3	Humanities and Social Science Courses	2 - 5%
4	Professional Core Courses and Electives	55 - 65%
5	Major Project	4 - 6%
6	Mandatory Learning Courses (Environmental Sciences, Ethics etc.)	2 - 3%
7	<u>Personality Development Course and Soft Skill Course:</u> Personality development course and Soft Skill course will be offered. Each course may carry one credit or audit course. The students have to participate and achieve satisfactory level of performance in these courses.	1%
8	<u>Student Practice Courses:</u> Student practice courses are offered from 2 nd year onwards and to be completed before 7 th semester of B.Tech. ➤ <u>Industry practice:</u> Student should undergo summer training for a minimum of two weeks or ➤ <u>Self learning:</u> Student should prepare and submit a report on a new topic relevant to the program or ➤ <u>Seminar:</u> Student should prepare and submit a report on a topic relevant to the program or <u>Extension:</u> Students undertake advisory Services to the surrounding society on efficient engineering practices in their relevant areas of specialty.	1%

9	<p>Co-curricular participation: Students will be encouraged to participate in Technical Quizzes / Student paper contest / Seminars / Conferences etc.</p> <p>Extra- curricular participation: Students will be encouraged to participate in Sports & Games/Cultural activities/ Drawing/Photography etc.</p> <p>National Service Scheme (NSS): Students will be encouraged to enroll as members of NSS at least for one semester.</p> <p>National Cadet Corps (NCC): The students will be encouraged to be cadets of NCC.</p>	Non credit
10	<p>Four core electives will be offered by the respective departments to students in fourth year. In addition to the core electives, a free elective is to be offered in 6th Semester by all branches of B.Tech. program.</p>	

6.1 Course Code and Course Numbering

Course code consists of five characters in which the first, second and fourth characters are alphabets and the rest are numerals. First two characters are described in Table - 2.

Table - 2: First and Second Character Description

First two characters	Name of the Department
AE	Aeronautical Engineering
CE	Civil Engineering
CS	Computer Science and Engineering
EC	Electronics & Communication Engineering
EE	Electrical & Electronics Engineering
IT	Information Technology
ME	Mechanical Engineering

Third character represents the semester in which the course is offered as mentioned in Table No – 3

Table - 3: Third character description

Third 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

Fourth character represents course type, as described in Table - 4.

Table - 4: Course type description

Fourth character	Description
T	Theory course
L	Laboratory /Practice course

Fifth character represents course number as described in Figure 1.

For example: **CS 4L1** course is offered in Computer Science and Engineering Department (**CS**) in the fourth semester (**4**). The course is of laboratory type 'L' and the course number is '1', as given in figure 1 below.

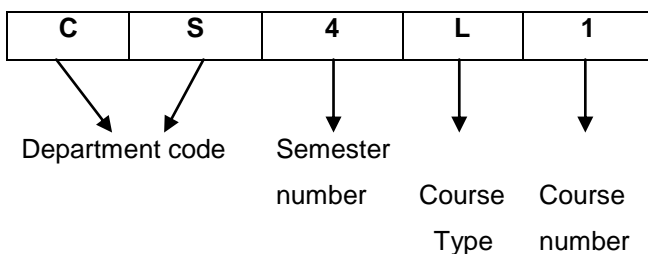


Figure 1: Course code description

6.2 Course Structure

- The course structures of all B.Tech. programs are given separately.

6.3 Contact Hours and Credits

The Course Credits are broadly fixed based on the following norms.

- Lectures – One lecture period per week is assigned one credit.
- Practical – Three periods per week are assigned two credits.
- Practice course: Mini project /Term paper + Seminar are assigned two credits.
- A separate seminar if offered may carry one credit.
- Personality development and soft skills courses may be assigned one credit each.
- Major project shall have nine credits.
- However, some courses are prescribed with fixed number of credits depending on the complexity of the course and relative significance, irrespective of number of contact periods.

6.4 Theory / Tutorial classes / Interactive Sessions

Each course is prescribed with fixed number of lecture periods per week. During lecture periods, the course instructor shall deal with the concepts of the course. For certain courses, tutorial and interactive periods are prescribed in order to give exercises to the students and to closely monitor their learning ability and achievement.

6.5 Laboratory / Drawing Courses

A minimum prescribed number of experiments / drawings / jobs / programs have to be performed by the students in all respects and get each experiment/ drawing sheet evaluated by teacher concerned and certified by the Head of the Department concerned at the end of the semester.

6.6 Program Credits

- Each discipline of the B.Tech. program is designed to have a total of 180 credits and the student shall have to complete the courses and earn 180 credits as per the requirements for award of the degree.
- Students joining the undergraduate program in the third semester directly through Lateral Entry (LE) scheme shall have to complete the courses, excluding first year courses and earn credits 132 academic credits as per the requirements for award of the degree.

7. MEDIUM OF INSTRUCTION

The medium of instruction and examination is English.

8. SYLLABUS

As approved by the concerned Boards of Studies and the Academic Council.

9. ELIGIBILITY REQUIREMENT FOR APPEARING AT END SEMESTER EXAMINATION AND CONDONATION

- 9.1** A minimum attendance of 75% shall be secured by the student in a semester. The attendance is computed by totaling 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.
- 9.2** 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. Student, having shortage of attendance, shall have to pay requisite fee towards condonation.

- 9.3** A student, who does not satisfy the attendance requirement, shall be detained and have to repeat that semester.

10. EXAMINATIONS AND SCHEME OF EVALUATION

10.1 INTERNAL EXAMINATIONS:

10.1.1 Theory Courses 30 marks

- Each course is evaluated for **30** marks (a+b+c).

a) Two midterm examinations each for 15 marks will be conducted for 90 min duration in every theory course in a semester. The internal marks will be awarded by the average of two examinations.

b) Two objective type tests each for 10 marks are to be conducted for 20 minutes duration in every department for each subject. The internal marks will be awarded by the average of two objective examinations.

Note: First midterm examination and objective test will be conducted after completion of first two units of syllabus. Second midterm examination and objective test will be conducted from third and fourth units. The test paper consists of three questions without choice.

The schedule of examinations and tests will be declared by the Controller of Examinations.

c) Five marks are allocated for one home assignment, to be completed before the last class work day of the semester.

Note: A student who is absent for any midterm examination/ objective test and non-submission of assignment for any reason whatsoever, shall be deemed to have scored zero marks in that midterm examination/ objective test/ assignment.

10.1.2 Drawing Based Subjects: 30 marks

For the subjects having drawing such as Engineering Drawing, Machine Drawing, Building Planning & Drawing, Design and Drawing of Hydraulic Structures the internal marks distribution is as given below:

Table - 5: Distribution of marks

Criteria	Marks
Continuous evaluation	20
Internal examination	10

10.1.3 Laboratory Courses: 25 marks

For Laboratory courses including Engineering Graphics, there shall be continuous evaluation during the semester for 25 internal marks. The distribution of internal marks is given below:

Table - 6: Distribution of marks

Criteria	Marks
Continuous evaluation & record	15
Internal examination	10

10.1.4 Mini Project / Term Paper and Seminar: 75 marks

The distribution of internal marks for Mini project / Term paper/ Seminar is given below:

Table - 7: Distribution of Marks

Criteria	Marks
Report	50
Seminar & viva-voce	25

10.1.5 Major Project: 100 marks

The internal evaluation shall be on the basis of two seminars by each student & viva-voce examination on the topic of his/her project and evaluated by project review committee. The project review committee consists of Head of Department, respective internal guide and a senior faculty member, either next to HOD or appointed by the Principal. The distribution of marks is as follows.

Table - 8: Distribution of marks

Criteria	Marks
Two seminars & viva-voce	30+30
Continuous evaluation	40

10.1.6 Personality Development and Soft Skills: 50 marks

The marks shall be awarded on the basis of internal tests.

10.1.7 Seminar: 50 marks

The marks shall be awarded on the basis of viva voce and internal evaluation.

Criteria	Marks
Report	20
Seminar & viva-voce	30

10.2 END SEMESTER EXAMINATIONS

10.2.1 Theory Courses: 70 marks

- The end semester examinations shall be conducted for THREE hour duration at the end of the semester. Each course shall consist of five units of syllabus. The question paper shall be given in the following pattern:

- Each question paper shall consist of two parts.
 - **Part A:** Consists of 11 questions each carrying 2 marks covering all units of syllabus. **All questions should be answered** (11 x 2 =22 Marks).
 - **Part B:** Consists of 5 questions each carrying 16 marks, one from each unit of the syllabus. Any **Three** of the five questions have to be answered (3 x 16 = 48 Marks).

10.2.2 Drawing Based Subjects: 70 marks

- The end semester Drawing Based Subject examination shall be conducted for THREE hour duration at the end of the semester. The question paper shall be given in the following pattern:
- Each course shall consist of five units of syllabus.
- The pattern of examination will be mentioned in the course structure of the respective branches.

10.2.3 Laboratory Courses (Practical / Practice / Workshop): 50 marks

- 40 marks are allotted for experiments/job works and 10 marks are allotted for viva-voce examination.
- Each end semester laboratory examination shall be evaluated by an External examiner along with an Internal examiner.

10.2.4 Major Project: 200 marks

The major project work shall be evaluated by a committee consisting 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 VIII Semester.

11. CONDITIONS FOR PASS AND AWARD OF CREDITS FOR A COURSE

11.1 Conditions for Pass and award of Grades and Credits:

- a) A student shall be declared to have passed in individual theory/drawing course if he/she secures a minimum of 40% aggregate marks (internal & end semester examination marks put together), subject to a minimum of 35% marks in end semester examination.
- b) A student shall be declared to have passed in individual laboratory/project course if he/she secures a minimum of 50% aggregate marks (Internal & end semester examination marks put together), subject to a minimum of 40% marks in end semester examination.
- c) The student has to pass the failed course by appearing in supplementary examination.
- d) On passing a course of a program, the student shall earn assigned credits in that course.

11.2 Method of Awarding Letter Grades and Grade Points for a Course.

A letter grade and grade points will be awarded to a student in each course based on his/her performance as per the grading system given below.

Table - 10: Grading system for B.Tech. Program

Theory/Drawing	Laboratory/Project	Grade points	Letter grade
85-100%	85-100%	10	S
75-84%	75-84%	9	A+
70 – 74%	70 – 74%	8	A
65 – 69%	65 – 69%	7	B+
60 – 64%	60 – 64%	6	B
50 – 59%	55 – 59%	5	C
40 – 49%	50 – 54%	4	D
< 40%	< 50%	0	F (Fail)

11.3 Calculation of Semester Grade Points Average (SGPA)* for semester

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

$$\text{SGPA} = \frac{\sum (\text{CR} \times \text{GP})}{\sum \text{CR}}$$

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.

11.4 Calculation of Cumulative Grade Point Average (CGPA) and Award of Division for Entire Program

The CGPA is calculated as below:

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

where CR= Credits of a course

GP = Grade points awarded for a course

11.5 Conditions for Promotion

A student shall be eligible for promotion to next semester of B.Tech. program, if he/she satisfies the conditions as stipulated in Regulation 9.

11.5.1 Promotion to Fifth Semester

For Four Year B.Tech. Course candidates: A four year program student shall be promoted from fourth semester to fifth semester only if he/she earns

50% credits of the designed program credits from first semester to third semester or first semester to fourth semester.

11.5.2 Promotion to Seventh Semester

i) For Four Year B.Tech. Course candidates

A four year program student shall be promoted from sixth semester to seventh semester only if he/she earns 50% credits of the designed program credits from first semester to fifth semester or first semester to sixth semester.

ii) For Lateral Entry candidates

A lateral entry student shall be promoted from sixth semester to seventh semester only if he/she earns 50% credits of the designed program credits from third semester to fifth semester or third semester to sixth semester.

11.6 Consolidated Grade Card

A consolidated grade card containing credits & grades obtained by the student will be issued after completion of the four year B.Tech. program.

11.7 Award of Rank

The rank shall be awarded based on the following:

- Ranks shall be awarded in each branch of study for the top ten percent of the students appearing for the regular end semester examinations.
- The rank will be awarded only to those students who complete their degree within four academic years as regular student.
- For the purpose of awarding rank in each branch, the CGPA calculated based on the grades secured at the first attempt only shall be considered.
- Award of prizes, scholarships, or any other honors shall be based on the rank secured by a candidate, consistent with the desire of the donor, wherever applicable.

12. SUPPLEMENTARY EXAMINATIONS

- Supplementary examinations will be conducted along with regular end semester examinations.
- Students have to pass the supplementary exams within 8 years from the year of admission. For the lateral entry students the period is 6 years.

13. REVALUATION

- As per the notification issued by the Controller of Examinations, the students can submit the applications for revaluation, along with the prescribed fee receipt for revaluation of his/her answer script(s) of theory course(s).
- The Controller of Examinations shall arrange for revaluation of those answer script(s).
- A new external examiner, other than the first examiner, shall reevaluate the answer script(s).
- Revaluation marks will taken into consideration only if the difference between the two valuations is more than or equal to 15%, and the revaluation marks is final. However if the revaluation marks are facilitating passing of the candidate then the revaluation marks will be considered even if the difference of marks are less than 15%,

14. 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/-.

15. 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 program only with the prior permission of the Principal of the College. However the

academic regulations under which he was first admitted shall continue to be applicable to him. An administrative fee of Rs. 2000/- per each year of break in study in addition to the prescribed tuition and special fees has to be paid by the candidate to condone his/her break in study.

16. ELIGIBILITY FOR AWARD OF B.Tech. DEGREE

The B.Tech. degree shall be conferred on a student who has satisfied the following requirements.

- A regular student (four year program) should register himself for 180 credits. The student has to secure all the 180 credits in order to become eligible for the award of B.Tech. degree.
- A Lateral Entry student should register himself for 132 credits. The student has to secure all 132 academic credits in order to become eligible for the award of B.Tech. degree.

17. ADVANCED SUPPLIMENTARY 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.

18. 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 2013-14(PVP-12 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 PVP-14 regulations. However, the decision of the Academic Council will be final.

19. CONDUCT AND DISCIPLINE

- Students shall conduct themselves within and outside the premises of the College in a manner befitting the students of the College.
- 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.

Table – 10 : Punishments for Ragging

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.50,000/-
-----------------------------------	--

- 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.

- i. Lack of courtesy and decorum; indecent behavior any where within or outside the campus.
- ii. 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.

20. MALPRACTICES

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. Heads of Department (Three)
2. Controller of Examinations
3. Deputy Controller of Examinations

Table – 11: Disciplinary action for malpractices/improper conduct in examinations

	Nature of Malpractices/Improper conduct	Punishment
1 (a)	If the candidate possesses or keeps accessible, 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 the examination hall but has not made use of (material shall include any marks on the student's body that 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)	If the candidate 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	If the candidate 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. He 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.
3	If the candidate 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	If the candidate smuggles in an answer book or additional sheet or takes out or arranges to send out	Expulsion from the examination hall and cancellation of performance in that subject and all the other

	the question paper during the examination or answer book or additional sheet, during or after the examination.	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 other examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5	If the candidate 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	If the candidate 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 results 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	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.

	or has the tendency to disrupt the orderly conduct of the examination.	
7	If the candidate 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 other examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8	If the candidate possesses 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 college: 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. He 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	If the candidate 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. He 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 awarded suitable punishment.	

*Special squads may be formed to oversee the proper conduct of examinations.

21. OTHER MATTERS

- 21.1** 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.
- 21.2** Students who are suffering from contagious diseases are not allowed to appear for internal or end semester examinations.
- 21.3** 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.
- 21.4** 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.

22. GENERAL

1. The Academic Council may, from time to time, revise, amend or change the regulations, schemes of examination and/or syllabi.
2. Wherever the words “he”, “him”, “his”, occur in the regulations, they may include “she”, “her”, “hers”.
3. The academic regulations should be read as a whole for the purpose of any interpretation.
4. In case of any doubt or ambiguity in the interpretation of above rules, the decision of the principal is final.

23. COLLEGE RULES AND REGULATIONS

1. Use of **Mobile phones** is strictly prohibited inside the college academic area.
2. Students should come to college in **proper dress**.
3. All students should wear **identity cards** in the college campus.
4. Students should be present in their respective classrooms by **start time of class sharply**.
5. Students should not leave the college campus without prior permission of their respective Heads during college hours.
6. Students should maintain silence in the class rooms during working periods.
7. Sitting / wandering of the students at the stair cases, corridors, cycle stands or the areas within the college premises is strictly prohibited.
8. Vehicle horn inside the college campus is prohibited.