



**NRI INSTITUTE OF TECHNOLOGY(AUTONOMOUS)**  
**(Permanently Affiliated to JNTUK, Kakinada)**  
**(Accredited by NAAC with 'A' Grade, ISO 9001 : 2015 Certified)**  
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**ACADEMIC REGULATIONS (NRIA18) B.TECH. (REGULAR)**  
**(CHOICE BASED CREDIT SYSTEM)**

Academic Program of the College is governed by rules and regulations as approved by the Academic Council (AC), the highest academic body of the College. The NRIA18 academic rules and regulations are effective from the academic year 2018-19 for students admitted into four years under graduate Programmes offered by the college leading to Bachelor of Technology (B.Tech.)

**1. ELIGIBILITY CRITERIA FOR ADMISSION**

The eligibility criteria for admission into B. Tech Programme shall be as per the guidelines issued by the Andhra Pradesh State Council of Higher Education (APSCH) or by any other competent authority.

**2. PROGRAMMES OFFERED (UNDER GRADUATE)**

The following B. Tech Programmes are offered at present

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

**3. AWARD OF B. TECH DEGREE**

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

**i) 4 Year B. Tech Programme:**

- a) Pursued a course of study for not less than four academic years and not more than eight academic years.
- b) Registered for prescribed **160** credits and secured **160** credits.
- c) Students, who fail to complete their Four years Course of study within Eight years or fail to acquire the **160** Credits for the award of the degree

within eight academic years from the year of their admission shall forfeit their seat in B. Tech course and their admission shall stand cancelled.

**ii) 3 Year B. Tech Programme under Lateral Entry Scheme (LES):**

- a) Pursued a course of study for not less than three academic years and not more than six academic years.
- b) Registered for prescribed **120** credits and secured **120** credits.
- c) Students, who fail to complete their Three years Course of study within Six years or fail to acquire the **120** Credits for the award of the degree within six academic years from the year of their admission shall forfeit their seat in B. Tech course and their admission shall stand cancelled.

**3.2 Award of Minor or Honours Degree:**

A student will be eligible to get Under Graduate degree with Honours or additional Minor Engineering, if he/she completes an additional 20 credits. These could be acquired through MOOCs.

**4. DURATION OF THE PROGRAMME**

The duration of the Programme is four academic years consisting of eight semesters. However, a student is permitted to complete the course work of B. Tech Programme in the stipulated time frame of **EIGHT** years from the date of joining. Students admitted into third semester of B. Tech Programme directly, through Lateral Entry (LE) scheme, shall have to complete the course work of B. Tech Programme in the stipulated time frame of **SIX** years from the date of joining.

**5. MEDIUM OF INSTRUCTION**

The medium of instruction is English in all academic activities.

**6. MINIMUM INSTRUCTION DAYS**

Each academic year shall be divided into two semesters. The minimum instruction days for each semester shall be 90 days.

**7. CATEGORIZATION OF COURSES**

The curriculum of each Programme shall contain various courses indicated in the following categories to train the students for employment, higher learning & research and entrepreneurship.

- i) **Humanities and Social Sciences (HS):** These courses include professional English, Industrial Management, Managerial Economics & Financial Accountancy, Communication skills etc.
- ii) **Basic Sciences (BS):** These courses include Mathematics, Physics, Chemistry, etc.

- iii) **Engineering Sciences (ES):** These courses include Basics of Electrical / Electronics /Mechanical / Civil / Computer Engineering / Instrumentation and Engineering practices/Engineering Graphics.
- iv) **Professional Core (PC):** These courses are the core courses that provide the requisite foundation in the chosen branch of engineering.
- v) **Professional Elective (PE):** These courses are the elective courses opted by the students relevant to the chosen branch of engineering that provides the requisite foundation in a specific area of specialization.
- vi) **Open Elective (OE):** These courses are inter-disciplinary in nature offered by other departments. The department offers an elective course (OE/PE), if the number of students registered in such a course is a minimum of 30 or more.
- vii) **Personality Development (PD):** These courses include Integrated Learning Practices (ILPs), Mandatory Courses (MCs) & Extra-curricular/Co-curricular activities and help the students into a well-trained professionals and good human beings with a high employability potential, good communication skills, soft skills, good engineering practices, personality transformation, professional presentation skills and networking skills.
  - a) **Integrated Learning Practices:** These courses include Mini project, Seminar, Internship, and Project work. These courses are intended to provide students with specific learning outcomes in a branch of engineering, apart from broad skills are necessary for enhancing professional skills among the future engineers.
  - b) **Mandatory Non-credit Courses:** The Environmental Studies, Professional Ethics & Human Values, Employability Enhancement Skills, Problem-assisted learning and Problem-based learning are non-credit courses and relevant for value education and for enhancing employability skills.
  - c) **Extra and Co- Curricular Activities:** In addition to the above courses to enhance the overall personality & character of students and make them aware of societal needs, the extra-curricular/co-curricular activities are included, which do not carry any credits. These activities include National Service Scheme (NSS), National Cadet Corps (NCC), Yoga & Meditation, Sports & Games and Professional club activities.
  - d) **Industrial Training:** The students shall undergo Internship/ Industrial training / In-house training to expose them to the practical environment.
- Viii) **Online / Self Learning courses (Optional):** An opportunity is given to the students to choose online course offered by premier institutions like IITs/ Foreign institutions/ reputed universities /NPTEL (SWAYAM) /MOOCS to enhance the learning skills or a self-study course under a guidance of the faculty advisor to enhance the self-learning capabilities.

The student registering for online courses shall be permitted to seek exemption from as many electives that are offered in the VIII semester to focus more on the project work. A student shall undertake the project work, either within the college or premier institutions/ research laboratories/industries.

### 8. SEMESTER –WISE CREDITS

The entire course of study is for four academic years (three academic years in case of LES), all the years are on semester pattern. The distribution of credits in each semester is as follows.

Semester	Credits	
	Regular	Lateral Entry
I	18	--
II	22	--
III	23	23
IV	25	25
V	20	20
VI	21	21
VII	18	18
VIII	13	13
<b>Total</b>	<b>160</b>	<b>120</b>

### 9. ASSESSMENT AND EVALUATION

The performance of a student in each course shall be evaluated based on Continuous Internal Assessment (CIA) and Semester End Assessment (EA) or only Continuous Internal Assessment as indicated in the following table.

S. No	Category of Course	Marks	
		CIA	SEA
1	Theory Course (core, electives)	40	60
2	Laboratory Courses	40	60
3	Mandatory non-credit courses	40	60
	Environmental Studies, Professional ethics, Employability enhancement skills, Indian Constitution and IPR, Research Methodologies, Design thinking and innovation.		
4	Mini Project	100	--
5	Seminar	100	--
6	Internship	100	--
7	Project work	40	60

## 9.1 THEORY COURSES

### 9.1.1 Continuous Internal Assessment (CIA):

The performance of the student in each theory course is evaluated by the faculty/course coordinator all through the semester; with two Class Tests, mid-term-I (Subjective –I and Online Objective –I), Mid-term exam-II (Subjective – II and Online Objective –II) and two Assignments. The Continuous Internal Assessment of a theory course consists of four components as indicated in the following table.

S. No	Component	Marks
1	Class Tests	10
2	Subjective examinations	15
3	Online Objective examinations	10
4	Assignments	5
<b>Total</b>		<b>40</b>

#### i) Class Tests (10 Marks):

Two class tests each for 10 marks will be conducted for 45 minutes duration. The class tests shall be conducted with syllabi from units I for the first and units III for the second.

Sum of 80% marks of better scored class test and 20% of less scored are considered for final assessment.

Question bank with minimum six comprehensive questions from the concerned UNIT of the syllabus will be given at least a week in advance before the commencement of class Test.

The question paper shall contain two comprehensive questions, each one for Five Marks. The student is required to answer all the questions.

#### ii) Subjective Examinations (15 marks):

Each Subjective examination is conducted for 30 marks with 1½ hours duration. The Subjective examinations shall be conducted with syllabi from units I & II for the first and units III & IV for the second.

Sum of 80% marks of better scored Subjective examination and 20% of less scored are considered for final assessment. Subjective examination marks scale down for 15 marks.

Each Subjective examination consists of Part –A and Part-B.

**Part-A** contains ‘four’ questions of two mark each. The student shall answer three questions.

**Part-B** contains ‘two’ questions one from each unit with “either” / “or” option, carrying 12 marks.

**iii) Online Objective Examinations (10 marks):**

Two online Objective examinations of 20 minutes each shall be conducted with syllabi from units I & II for the first and units III & IV for the second.

Sum of 80% marks of better scored online objective examination and 20% of less scored are considered for final assessment.

The each online Objective examination shall have 20 multiple choice questions and each question carries  $\frac{1}{2}$  mark.

**iv) Assignments (5 marks):**

Two assignments each shall be conducted with syllabi from units II for the first and units IV for the second.

Separate problems are to be given for each group (3 to 4 students).

The assignments for five marks to provide broadened exposure to the course.

The questions shall include problem solving approach, problem analysis & design, implementation, case studies etc.

The average of two assignment marks shall be considered for awarding marks.

**Note:**For the subjects such as Engineering Graphics, Engineering Drawing, Machine Drawing, Design & Drawing of R.C., Structures, Steel Structures, Irrigation Structures, Estimation Cost and Valuation, Building Planning and Drawing etc., the distribution of 40 marks for internal assessment shall be 20 marks for day-to-day work, 20 marks based on two Subjective examinations. Each Subjective examination is conducted for 40 marks with two hours duration. Sum of 80% marks of better scored subjective examination and 20% of less scored are considered for final assessment. Subjective examination marks are scale down for 20 marks.

**9.1.2 Semester End Assessment (SEA)**

It shall be conducted by chief controller of examinations at the end of each semester, as per the academic calendar and with a written examination for theory courses.

Semester end Assessment will have questions under Part-A and Part-B with three hours duration. **Part-A** is compulsory and consists of four 3 marks questions. Part-B consists of four questions one from each unit with “either” / “or” option, carrying 12 marks.

- Note:** 1. For subjects like Professional English, Engineering Graphics, Engineering Drawing, Machine Drawing, Design & Drawing of R.C., Structures, Steel Structures, Irrigation Structures, Estimation Cost and Valuation, Building Planning and Drawing etc., the pattern of semester end assessment is given along with the syllabus of respective subject.
2. **However, the paper setting and assessment for Engineering Graphics is only internal.**

## 9.2 LABORATORY COURSES

### 9.2.1 Continuous Internal Assessment (CIA)

The continuous internal assessment for laboratory courses is based on the following parameters:

Parameter	Marks
Day-to-day work	10
Record and observation	10
Internal test	20
<b>Total</b>	<b>40</b>

### 9.2.2 Semester End Assessment (SEA)

It shall be conducted by chief controller of examinations at the end of each semester, as per the academic calendar. The performance of the student in laboratory courses shall be evaluated jointly by internal and external examiners for 3 hours duration as per the parameters indicated below:

Parameter	Marks
Procedure	20
Experimentation / Program	20
Result	10
Viva voce	10
<b>Total</b>	<b>60</b>

## 9.3 MANDATORY NON CREDIT COURSES

The question paper pattern is similar to that of any other theory course. **However, the paper setting and assessment is only internal.** A student shall secure a minimum 35% marks exclusively at the SEA and a minimum 40% of marks in both CIA and SEA to award grade. The grades earned by the students from Mandatory Learning Courses will not be considered for the calculation of CGPA.

**For Induction program,** student is required to submit comprehensive report about the program. Concerned faculty members shall evaluate the report and rate the performance of the student as satisfactory or not-satisfactory.

#### 9.4 MINI PROJECT

A student is required to undergo a mini project of his/her choice by applying theoretical concepts to develop a practical component /element/system that includes design/ testing/ analysis. The performance of a student in the mini project shall be assessed in reviews by a Departmental Review committee consisting of HOD and two senior faculty members of the department.

The performance of a student in mini project shall be evaluated based on two reviews. However, a student who fails to secure minimum 50% marks will be permitted to reappear in the subsequent semester(s). There shall be no Semester end Assessment.

#### 9.5 SEMINAR

A student shall deliver a seminar on any emerging topic of his/her choice from the core technical domain. The student shall submit a duly-certified seminar report. A Departmental Review Committee consisting of HOD and two senior faculty members of the department is constituted for evaluation.

A student who fails to secure minimum 50% marks will be permitted to reappear in the subsequent semester(s). There shall be no semester end Assessment.

#### 9.6 INTERNSHIP

Internship must involve practical work related to systems engineering, industry practices etc. The students shall undergo internship for a period of minimum 4 weeks continuously at the end of IV or VI semester and shall be evaluated in VII semester. The internship can be carried out at premier institutions/ research laboratories/industries.

A student shall submit a report on the training undergone, along with a certificate from the organization. A Departmental review Committee consisting of HOD and two senior faculty members of the department is constituted for evaluation.

A student, who fails to secure minimum 50% marks, will be permitted to reappear in the subsequent semester(s). There shall be no Semester End Assessment.

#### 9.7 PROJECT WORK

A student is required to undertake a project work by using the knowledge acquired by him/her during study. The student is expected to design and build a complete system or subsystem on an area of interest. A project work shall be carried out by a batch of students not exceeding 4 members, under a faculty supervisor.



### 9.7.1 Continuous Internal Assessment (CIA)

The CIA for project work shall be based on project survey and project implementation and is evaluated by a departmental review committee consisting of two senior faculty, project supervisor and HOD.

### 9.7.2 Semester end Assessment (SEA)

A batch of students shall submit a duly-certified project report to the department on a specified time. They shall make a presentation on the project work before a three-member committee consisting of external examiner, project supervisor and HOD.

A student who fails to secure minimum 50% marks or abstains is permitted to reappear in the advanced supplementary examinations or when offered next.

## 9.8 EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES

The participation of a student is compulsory in any one of the extra-curricular/co-curricular activities (non-credit) such as NSS, NCC, Yoga & Meditation, Sports & Games, Professional club activities during the semesters I to VII. The performance of a student in the extra-curricular/co-curricular activities is evaluated during VII semester by a three-member committee consisting of HOD and two senior faculty members of the department as per the following parameters:

A student shall secure a satisfactory grade (SA) which will be indicated in the VII semester grade card, if he/she obtains the following certificates.

- i) NSS/ NCC/ Yoga & Meditation certificate (20 contact hours) - 1 No.
- ii) Sports & games certificate (20 contact hours)-1 No.
- iii) Co-curricular activity certificates - 2 No.

For physically disabled students, the satisfactory grade (SA) will be awarded, if he/she obtains 4 certificates in co-curricular activities and/or Extra Curricular activities (essay writing, debate competitions, technical & general quizzes, symposia etc).

However, a student who secures unsatisfactory grade (US) shall reappear in the subsequent semester(s).

## 9.9 ONLINE COURSES LIKE MOOCS/SWAYAM (NPTEL) / SELF LEARNING COURSES

A student shall be permitted to register for online / self-learning course either in VII or VIII semesters as approved by the Departmental Academic Committee (DAC) and BOS.

- A student is permitted to register for an online course offered by JNTUs/IITs/NITs/SWAYAM/MOOCs. The HOD shall appoint a faculty member as coordinator for such courses. The evaluation done by the external agencies shall be converted into suitable grades as per the evaluation methodology approved by a committee constituted by the head of the institution.
- A student is permitted to register for a self-study course. A self-study course shall be department concerned or inter-disciplinary. No formal lectures will be delivered for a self-learning course. The syllabus of the course shall be approved by BOS. One faculty member for each course will be nominated by HOD to monitor the progress made by the student. The question paper pattern and evaluation process are similar to that of any other theory course.

## 10. ATTENDANCE REQUIREMENTS

- i) A student shall be eligible to appear for End Semester Examinations if he acquires a minimum of 75% of attendance in aggregate of all the subjects.
- ii) Condoning of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester will be considered for genuine reasons such as medical grounds and participation in co-curricular and extra-curricular activities and shall be granted only after approval by a committee duly appointed by the college. The student should submit application for medical leave along with medical certificate from a registered medical practitioner within three days from reporting to the class work after the expiry of the Medical Leave. In case of participation in co-curricular and extra-curricular activities, either in the college or other colleges, students must take prior written permission from HOD concerned and should also submit the certificate of participation from the organizer of the event within three days after the completion of the event. Only such cases will be considered for condoning attendance shortage.
- iii) A student shall be eligible to claim for condonation of attendance shortage for a maximum of two times during the four-year (eight semesters) course work of B. Tech / three year (six semesters) course work of B. Tech, Lateral Entry. However, additional one-time condonation exclusively for IV Year shall be considered on genuine valid reasons.
- iv) A student will not be promoted to the next semester unless he satisfies the attendance requirement of the current semester. He may seek re-admission for that semester when offered next.

- v) Shortage of Attendance below 65% in aggregate shall in *NO* case be condoned.
- vi) Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examination of that class and their registration shall stand cancelled.
- vii) A fee stipulated by the college shall be payable towards condonation of attendance shortage.

## 11. MINIMUM ACADEMIC REQUIREMENTS

### i) Pass requirement:

- a) A candidate shall be declared to have passed in individual theory if he/she secures a minimum of 40% aggregate marks (CIA & SEA marks put together), subject to securing a minimum of 35% marks in the Semester End Assessment. If he fails to fulfill above requirements, candidate shall be given "F" grade and no credits will be awarded to the candidate.
- b) A candidate shall be declared to have passed for all laboratory/ project work if he/she secures a minimum of 50% aggregate marks (CIA & SEA marks put together), subject to securing a minimum of 40% marks in the Semester End Assessment.
- c) On passing a course of a Programme, the student shall earn the credits assigned to that course.

### ii) PROMOTION RULE

- i) A student shall be eligible for promotion to next Semester of B. Tech Programme, if he/she satisfies the conditions.
- ii) The following academic requirements must be satisfied in addition to the attendance requirements mentioned in Regulation (10) for promotion into III Year I semester and IV year I semester.

#### a) 4 Year B. Tech Programme:

- i) A student shall be promoted from II year to III year only if he/she acquires the academic requirement of a minimum of 50% credits up to second year second semester.
- ii) A student shall be promoted from III year to IV year only if he acquires the academic requirement of a minimum of 50% of credits up to third year second semester.

**b) 3 Year B. Tech Programme under Lateral Entry Scheme:**

A student shall be promoted from III to IV year only if he acquires the academic requirement of a minimum of 50% credits up to third year second semester.

**12. PROCEDURES FOR SEMESTER END EXAMINATIONS****i) Supplementary Examinations**

- a) Supplementary examinations of even semester will be conducted after the odd semester end examinations and vice versa
- b) Semester end supplementary examinations shall be conducted till next regulation comes into force for that semester.
- c) Thereafter, supplementary examinations will be conducted in the equivalent courses of new regulations as decided by the Board of Studies concerned subject to the maximum course period.

**ii) Advanced Supplementary Examinations**

Student(s), who failed in theory/ laboratory courses of 4/4 B.Tech. in Eighth semester, can appear for advanced supplementary examinations to be conducted within 15 days after the publication of result.

In case the revaluation process is not complete before the date of Advanced Supplementary Examination the candidate be allowed to take Advanced Supplementary Examination. After writing the examination, if the candidate passes the examination in revaluation or gets higher grade in revaluation and wishes to retain the grade in revaluation, the fee paid for writing the examinations will be refunded. If the candidate chooses to retain the marks obtained in the examination, he/she will be allowed to do so in which case examination fee paid need not be refunded.

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 to be conducted at the end of the respective academic semester.

**iii) Revaluation**

- a) Students can submit the applications for revaluation, along with the prescribed fee receipt for revaluation of his answer script(s) of theory course(s) as per the notification issued by the Controller of Examinations.
- b) The Controller of Examinations shall arrange for revaluation of such answer script(s).

- c) An examiner, other than the first examiner, shall reevaluate the answer script(s).
- d) If the variation in marks of two evaluations is less than 15% of total mark, the benefit in reevaluation will be treated as “Not Benefited” and the marks obtained in the first valuation will only be awarded to the candidate. However, if the marks obtained in reevaluation is less than 15% of marks obtained in first valuation but it leads to a “Pass” in the examination or leads to “Change of Grade”, the marks obtained in the reevaluation will be awarded to the candidate.
- e) If the variation in marks of two evaluations is more than 15% of total marks, there shall be a second reevaluation and in such case the highest marks secured in any two valuations shall be averaged for award of grade to the candidate.

### 13. AWARD OF LETTER GRADES

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

Theory/ Drawing/Elective/ Self Study Course (%)	Laboratory / Seminar / Internship/ Mini Project / Project Work (%)	Grade Points	Letter Grade
≥ 90	≥ 90	10	O(Outstanding)
≥ 80 & < 90	≥ 80 & < 90	9	A+ (Excellent)
≥ 70 & < 80	≥ 70 & < 80	8	A (Very Good)
≥ 60 & < 70	≥ 60 & < 70	7	B (Good)
≥ 50 & < 60	≥ 50 & < 60	6	C (Average)
≥ 40 & < 50	–	5	D (Pass)
< 40	< 50	0	F (Fail)
ABSENT	≥ 50 < 50 ABSENT	SA US AB	Satisfactory Un Satisfactory Absent

### 14. COMPUTATION OF SGPA & CGPA

#### a) Semester Grade Point Average (SGPA)\* for semester

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

$$\text{SGPA} = \frac{\sum(CR \times GP)}{\sum CR} \text{ for each semester.}$$

where CR = Credits of a course

GP = Grade Points awarded for a course

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

**b) Cumulative Grade Point Average (CGPA) for Entire Programme:**

The CGPA is calculated as given below

$$\text{CGPA} = \frac{\Sigma(\text{CR} \times \text{GP})}{\Sigma \text{CR}} \text{ for Entire Programme.}$$

where CR = Credits of a course

GP = Grade points awarded for a course

**c) Conversion Formula for CGPA to Marks in Percentage**

The approximate equivalence of marks to a given CGPA is calculated by using the formula:

$$\text{Percentage Equivalence of CGPA} = [\text{CGPA} - 0.5] \times 10$$

**15. AWARD OF CLASS**

After satisfying the requirements prescribed for the completion of the Programme, the student shall be eligible for the award of B. Tech Degree and shall be placed in one of the following grades

CGPA	Class
≥7.5	First Class with Distinction*
≥6.5 & < 7.5	First Class
≥5.5 & < 6.5	Second Class
≥5 & < 5.5	Pass Class
< 5	Fail

\* With no subject failures

**16. ACADEMIC FLEXIBILITY**

- i) A student shall be permitted to take up only project work either within the college or at any premier institutions/ research laboratories/ industries, if students to choose and completes online course offered by premier institutions like IITs/ Foreign institutions/ reputed universities/NPTEL(SWAYAM)/MOOCS
- ii) A student is permitted to register, after completion of IV semester, for online courses / self-study courses in lieu of electives offered in the VIII semester.
- iii) Scope is provided to the students for choosing the programme electives of their choice and to enhance their knowledge subsequently.

- iv) Scope is provided to the students for choosing the open electives of their choice and to enhance their knowledge in inter-disciplinary areas.
- v) Scope is provided for the students to opt for on-line/self-study course of their choice to enhance their self-learning capabilities.
- vi) Gap year facility is provided to merit students to undergo training programs at premier institutions/ research laboratories/industries.

### 17. AWARD OF RANK

The rank shall be awarded based on the following:

- i) Ranks shall be awarded in each branch of study for the top 10% percent of the students appearing for the regular end semester examinations.
- ii) The rank will be awarded only to those students who complete their degree within four academic years as regular student.
- iii) For awarding rank in each branch, the CGPA calculated based on the grades secured at the first attempt only shall be considered.
- iv) 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.

### 18. RE-ADMISSION CRITERIA

- i) A candidate, who is detained in a semester due to lack of attendance must obtain written permission from the Principal for readmission into the same semester after duly fulfilling the required norms stipulated by the college and by paying the required tuition fee and special fee in addition to paying an administrative fee of Rs.1,000/-.
- ii) A candidate, who is not promoted either to III year or IV year due to lack of required credits can seek admission into III / IV year in subsequent years after obtaining the required credits as stipulated in regulation 13 by paying the required tuition fee and special fee in addition to paying an administrative fee of Rs. 1,000/-.

### 19. GAP YEAR - CONCEPT OF STUDENT ENTREPRENEURSHIP IN RESIDENCE

Gap Year facility is extended by the committee chaired by the Principal to the outstanding students who wish to pursue entrepreneurship during their course of study with a break of one year or two years. This is extended to two years at the most and these two years would not be counted for the maximum time period of graduation. The gap year facility is given to ensure syllabus continuity at the time of joining back and after an appraisal process by an incubator where the

student is attached. Students who avail gap Year facility should follow transitory regulations.

First class with distinction will be awarded to those students who availed themselves of gap year facility to pursue entrepreneurship subject to fulfilment of all conditions stipulated in academic regulations for the award of first class with distinction.

## 20. BREAK IN STUDY

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

## 21. TRANSITORY REGULATIONS

A candidate, who is detained or discontinued in a semester, on readmission shall be required to do all the courses in the curriculum prescribed for the batch of students in which the student joins subsequently. However, exemption will be given to those candidates who have already passed such courses in the earlier semester(s) he was originally admitted into and substitute subjects are offered in place of them as decided by the Board of Studies. However, the decision of the Board of Studies will be final.

### a) Transfer Candidates (From Non-Autonomous college affiliated to JNTUK)

A student who is following JNTUK curriculum, transferred from other college to this college in second year first semester or subsequent semesters shall join with the autonomous batch in the appropriate semester. Such candidates shall be required to pass in all the courses in the Programme prescribed by the Board of Studies concerned for that batch of students from that semester onwards to be eligible for the award of degree. However, exemption will be given in the courses of the semester(s) of the batch which he had passed earlier, and substitute subjects are offered in their place as decided by the Board of Studies. The student must clear all his backlog subjects up to previous semester by appearing for the supplementary examinations conducted by JNTUK for the award of degree. The total number of credits to be secured for the award of the degree will be the sum of



the credits up to previous semester under JNTUK regulations and the credits prescribed for the semester in which a candidate joined after transfer and subsequent semesters under the autonomous stream. The class will be awarded based on the academic performance of a student in the autonomous pattern.

**b) Transfer Candidates (From an Autonomous college affiliated to JNTUK)**

A student who has secured the required credits up to previous semesters as per the regulations of other autonomous institutions shall also be permitted to be transferred to this college. A student who is transferred from the other autonomous colleges to this college in second year first semester or subsequent semesters shall join with the autonomous batch in the appropriate semester. Such candidates shall be required to pass in all the courses in the Programme prescribed by the Board of Studies concerned for that batch of students from that semester onwards to be eligible for the award of degree. However, exemption will be given in the courses of the semester(s) of the batch which he had passed earlier, and substitute subjects are offered in their place as decided by the Board of Studies. The total number of credits to be secured for the award of the degree will be the sum of the credits up to previous semester as per the regulations of the college from which he is transferred, and the credits prescribed for the semester in which a candidate joined after transfer and subsequent semesters under the autonomous stream. In case the candidate is having less number of credits for the period of study at the previous institution / college, it is mandatory that such candidate shall fulfill the requirement of credits earned as per this Institution/College by making up through NPTEL(SWAYAM)/MOOCS for awarding degree. In case the candidate earns more number of credits in the previous institution during that period, such candidate should earn the prescribed credits in the remaining course period in this institution even if the total credits are more than required for award of degree. The class will be awarded based on the academic performance of a student in the autonomous pattern.

**22. WITHHOLDING OF RESULTS**

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

**23. MALPRACTICES:**

- i) The Principal shall refer the cases of malpractices in internal assessment tests and semester end Assessments to a malpractice enquiry committee constituted by him for the purpose. Such committee shall follow the approved levels of punishment. The Principal shall take necessary action against the erring students based on the recommendations of the committee.
- ii) Any action by the candidate trying to get undue advantage in the performance or trying to help another or derive the same through unfair means is punishable according to the provisions contained hereunder.

**24. OTHER MATTERS**

- i) 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. Students who are suffering from contagious diseases are not allowed to appear either for internal or semester end Assessments.
- ii) 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 as per the guidelines of University Grants Commission Letter No. F.1-5/88 (SPE/PES), dated 18-08-1994 and other subsequent guidelines that may be issued by UGC / AICTE from time to time.
- iii) The Principal shall deal in an appropriate manner with any academic problem which is not covered under these rules and regulations, in consultation with the Heads of the Departments 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 Academic Council for ratification.

**25. GENERAL**

- i) The Academic Council may, from time to time, revise, amend or change the regulations, schemes of examination and /or syllabi.
- ii) The academic regulations should be read as a whole for the purpose of any interpretation.
- iii) In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Chairman of the Academic Council is final.
- iv) Wherever the word he, him or his occurs, it will also include she, her and hers.

**ANNEXURE-I****MALPRACTICE RULES****DISCIPLINARY ACTION FOR MALPRACTICE/ IMPROPER CONDUCT IN EXAMINATIONS**

	<b>Nature of Malpractices / Improper conduct</b>	<b>Punishment</b>
<b>1(a)</b>	If a student possesses or tries to access any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with correlated 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>(b)</b>	If a student gives assistance or guidance or receives any such help from any other candidate orally or through gestures, communicates through cell phones with any candidate or persons in or outside the exam hall.	Expulsion of all the candidates involved from the examination hall and cancellation of the performance in that subject. In case of an outsider, he will be handed over to the police and a case will be registered against him.
<b>2.</b>	If a student is found to have 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 he/she is appearing.	Expulsion from the examination hall and cancellation of the performance in that subjects well as all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear in the remaining examinations of that Semester. The Hall Ticket of the candidate will be cancelled.
<b>3.</b>	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 from the

		college and forfeits his seat. The performance of the original candidate Who has been impersonated, shall be cancelled in all the subjects of the examination (including practical's and project work) already appeared and shall not be allowed to appear in examinations of the remaining subjects of that semester. The candidate is also debarred for two consecutive semesters from class work and all 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 out- sider, he will be handed over to the police and a case is registered against him.
4.	If a student smuggles inside the examination hall an Answer book or additional sheet or takes out or arranges to send out the question paper, 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. The candidate is also debarred from class work for two consecutive semesters and all examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	If a student uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting/threatening him/her to award pass marks	Cancellation of the performance in that subject
6.	If a student refuses to obey the orders of the Chief Superintendent / COE /	Such a student(s) shall be expelled from the examination hall along with

	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 causes injury to his person or to any other persons whether by words, either r 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 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.	cancellation of their performance in that subject and all other subject she candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester. The candidate(s) will be debarred from the college 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.	If a student leaves the exam hall taking away answer script or intentionally tears/mutilates/deforms 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. The candidate is also debarred from class work and examinations for two consecutive semesters. The continuation of the Course by the candidate is subject to the academic regulations.
8.	If a student is in possession of 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. The candidate is also debarred and forfeits the seat. Candidate will be handed over to police and, a police case will be registered against him/her.
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 subject she 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. 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 a student comes to the examination hall in a drunken condition	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 that semester.
11.	If copying is 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 examinations.
12.	Any other malpractice not covered in the above clauses i.e. from 1 to 11 reported to the Principal for further action/ suitable punishment.	As decided by Academic Council