

USHARAMA

COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

(Approved by A.I.C.T.E & Permanently Affiliated to JNTU, Kakinada)

Accredited by NAAC with “A” Grade

on NH 16, Telaprolu, Krishna Dist – 521109

UR19 CBCS REGULATIONS **with amendments regarding Mandatory Courses**

(Applicable for the batches admitted from the Academic Year 2019-20)

UR19 CBCS REGULATIONS

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1. PREAMBLE

Usha Rama College of Engineering and Technology (URCET) aims at achieving academic excellence by implementing new initiatives in teaching-learning and evaluation processes. Based on the directions of the University Grants Commission (UGC), New Delhi, All India Council for Technical Education (AICTE), New Delhi and Jawaharlal Nehru Technological University (JNTUK) Kakinada, URCET introduced the Credit Based Semester System (CBSS) in under-graduate programmes offered from the academic year 2019 – 20. Keeping in view of the standardization of the higher education system in India, URCET is going to implement Choice Based Credit System (CBCS).

2. ADMISSION CRITERIA

The eligibility criteria for admission into engineering programmes offered at URCET shall be as prescribed by the Government of Andhra Pradesh. The criteria are given below:

- The candidate shall be an Indian National / NRI.
- The candidate should have completed 18 years of age as on 31st December of the academic year for which the admissions are being conducted.
- The candidate should have passed the qualifying examination (10+2) or equivalent as on the date of admission recognized by BIE, Andhra Pradesh State.
- Seats in each programme in the Institute are classified into three categories i.e., Category – A, Category – B
- Category – Lateral Entry seats as per the GOs.

2.1 Category – A Seats

These seats shall be filled through counseling by convener as per the rank secured by a candidate in the Common Entrance Test (EAMCET) conducted by the Government of Andhra Pradesh and as per other admission criteria laid down in the GOs.

2.2 Category – B Seats

These seats shall be filled by the Institute as per the GOs issued by the Government of Andhra Pradesh from time to time.

2.3 Category – Lateral Entry seats

Direct Admission to Second Year: (Lateral Entry Scheme)

A candidate shall be admitted into the third semester (II year I semester) based on the rank secured by the candidate in the Engineering Common Entrance Test [ECET (For Diploma Holders)] by the Government of Andhra Pradesh and as per other admission criteria laid down in the GOs.

3. UNDER-GRADUATE DEGREE PROGRAMMES OFFERED

The following courses of study are offered at present as specializations for the B. Tech. Courses:

Table 1: Under graduate degree programs offered

S.No	Branch
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)

4. AWARD OF B.TECH DEGREE

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

1. A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than four and not more than eight academic years
2. The candidate shall register for 160 credits and secure all the 160 credits.

NOTE: Students, who fail to fulfill all the academic requirements for the award of the degree within eight academic years from the year of their admission, shall forfeit their seat in B.Tech. programme.

3. In case of Lateral Entry students, the candidate shall register for 120 credits and secure all the 120 credits.

NOTE: Students, who fail to fulfill all the academic requirements for the award of the degree within six academic years from the year of their admission, shall forfeit their seat in B.Tech. programme.

5. DURATION OF THE ACADEMIC PROGRAMMES

Under CBCS, it is possible for an outstanding student to qualify for the award of degree in a shorter time than that of the duration specified for the concerned programme. However, the B.Tech. degree shall be issued at the end of normal duration of the programme.

Normal Duration:

The duration of the B.Tech. degree programme shall be four (4) years. The duration of the B.Tech Lateral Entry Scheme (LES) degree programme shall be three (3) years.

Maximum Duration:

The maximum period in which a student can complete a full time B.Tech. degree programme shall be twice the normal duration of the programme, i.e., eight years (16 semesters) for B.Tech. degree and six years (12 semesters) for B.Tech. lateral entry scheme degree (For Diploma Holders).

The maximum period for a programme shall also be dictated by the fact that a student has to demonstrate the prescribed minimum academic performance by registering for the prescribed minimum number of credits in every semester, for continuing in the programme. This period can be equal to or lesser than the maximum period.

6. B.TECH. PROGRAMME COURSE STRUCTURE

6.1 Medium of Instruction And Examination

The medium of instruction shall be English for all the courses including their content delivery and examinations, seminars, presentations and project evaluation as prescribed in the programme curriculum.

6.2 Scheme of Instruction And Examination:

The scheme of instruction and examination of all B. Tech programs are given separately.

6.3 Minimum Instruction Days

Each semester shall consist of 16 weeks of academic work excluding examination and evaluation. The minimum instruction days for each semester shall be 90 working days.

7. COURSES AND CREDIT STRUCTURE

Table 2: Course Code and Definitions

Course Code	Definitions
L	Lecture
T	Tutorial
P	Practical
BSC	Basic Science Courses
ESC	Engineering Science Courses
HMC	Humanities and social sciences including Management Courses
PCC	Professinal Core Courses
PEC	Professinal Elective Courses
OEC	Open Elective Courses
LC	Laboratory Courses
MC	Mandatory Courses
PROJ	Project

Table 3: Description of Courses

Broad Course Classification	Course Category	Description of Courses
Foundation Courses	Basic Science courses	Includes mathematics, physics, chemistry and biology courses
	Engineering Science courses	Includes fundamental engineering courses
	Humanities and Social Science courses including Management courses	Includes courses related to humanities, social sciences and management
Core courses	Professional Core courses	Includes core courses related to the parent discipline / department / branch of Engineering
	Project Work	B.Tech. project stage-I and stage-II
	Mini- project	Internship / Industry oriented mini-project
Elective courses	Professional Elective courses	Includes elective courses related to the parent discipline / department t/ branch of Engineering
	Open Elective courses	Elective courses which include inter – disciplinary courses or courses in an area outside the parent discipline / department / branch of Engineering
Mandatory courses		Mandatory non-credit courses

Table 4: Category of Courses, their Codes and Distribution of Credits

Type of Courses		Course Category	Code	Range of Credits
Compulsory Courses	Foundation courses	Engineering Science courses	ESC	14-20
		Basic Science courses	BSC	17-25
		Humanities & Social Science Incl. Management	HM	09-16
	Core courses	Professional Core courses	PC	70-75
	Project	Project	PROJ	12-13
Elective Courses		Professional Elective	PE	15-20
		Open Elective	OE	09-12
Mandatory Courses		Mandatory courses MC		Non- Credit
Total Credits				160

Engineering Exploration Project

Engineering Exploration Project is offered to the First year students of all engineering disciplines. The motivation of including this project is to make the students practice creative problem solving method - Design Thinking which fosters collaboration and solve problems in human-centered ways. It enables the students to exercise and identify design opportunities through various phases with the help of hands-on activities. Obtaining a best solution for an identified problem involves a non-linear, iterative process which seeks to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test. The students are encouraged to explore real-world problems and expected to take charge of their own learning, work together in teams towards the problem.

The evaluation of the Engineering Exploration Project involves in writing their observations in Activity Cards at the end of each task given in syllabus and submitting a final report along with working prototype.

8. CHOICE BASED CREDIT SYSTEM

Flexibility is extended to the fast learning students to take the courses of higher semesters in advance as per their convenience to concentrate on their placement activity/ project work etc., during the seventh/eighth semesters.

8.1 CBCS Course Registration policy

Fast learning students can register for additional courses from higher semesters by satisfying the pre-requisite course(s) to a maximum of 6 credits in each of the semesters from 3rd semester onwards along with the regular semester courses as prescribed. There is no minimum limit on the credits for taking additional courses.

8.2 Eligibility for choosing CBCS flexibility

Regular Students (4 Year duration), entering the nth semester must pass all the subjects in single attempt as on date and with CGPA ≥ 7.75 up to (n-2)th semester, are only eligible to opt for this flexibility.

Lateral entry students (3 year duration) with 70% Marks in their Diploma are eligible to opt for this flexibility during 3rd and 4th Semesters. Those students entering into V/ VI /VII semester with no backlog courses as on date and with CGPA ≥ 7.75 up to (n-2)th semester, are only eligible to opt for this flexibility

- List of additional courses offered in the even & odd semesters, registration dates will be notified by the respective departments well in advance.
- Withdrawal from the respective course by the student may be permitted within 10 days after the commencement of the course.
- Choice of opting this flexibility is purely optional to the students.
- Minimum number of students required to register for an additional course shall be twenty (20). In case the registered strength for the additional course is less than twenty (20), the course may be

offered on the recommendation of the Head of the Department and subsequent approval of the Principal.

9. EXAMINATIONS AND SCHEME OF EVALUATION

9.1 Description of Evaluation

9.1.1 Internal Evaluation

The performance of the student in each course is evaluated by the faculty/course coordinator all through the semester with mid-term examinations, assignments, Online quiz, project reviews, viva voce, laboratory assessment and other means covering the entire syllabus of the course.

9.1.2 Semester End Evaluation (SEE)

Semester End Examination (SEE) shall be conducted by the Controller of Examinations (COE) by inviting Question Papers from the External Examiners. Question papers may be moderated for the coverage of syllabus, pattern of questions by an examiner appointed by the COE. The appointed examiner shall prepare a detailed answer key and scheme of valuation and submit it to the COE. Laboratory SEE shall be conducted involving internal and external examiners. The controller of examinations must use the panel of examiners for question paper setting/evaluation approved by concerned BOS. At present, Question paper setting and evaluation shall be external (IIT/NIT/Central University/State University/Reputed Autonomous Colleges).

9.2 CONTINUOUS INTERNAL EVALUATION

9.2.1 Theory Courses

Each course is evaluated for 30 marks. For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term exam consists of one objective paper, one descriptive paper and one assignment. The midterm marks shall be awarded giving a weightage of 75% in the midterm examination in which the student scores more marks and 25% for the midterm examination in which the student scores less marks.

- (a) Two assignment tests each for 5 marks will be conducted for 60 minutes duration. 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 Assignment Test.
- (b) Two descriptive type mid-term examinations each for 15 Marks will be conducted for 90 minutes duration.
- (c) Two Online Quizzes (Objective type mid-term exam) for 10 marks will be conducted for 20 minutes duration.
- (d) For the subject having design and/or drawing (such as Engineering Graphics & Drafting, Machine Drawing) and

Estimation, there is no online quiz. The distribution of internal marks shall be as given below.

Day to day performance – 15M

Midterm exam – 15M

- (e) **Mandatory Courses (Non Credit):** Environmental Sciences, Universal Human Values, Ethics, Indian Constitution and Essence of Indian Traditional Knowledge etc are non-credit (zero credits) mandatory courses. Environmental Sciences shall be offered compulsorily as Mandatory Course for all branches. There shall be Semester End Examination for 70 marks and it shall be conducted by the college internally. Two internal examinations shall be conducted for 30 marks. Internal marks can be calculated with 75% weightage for best performance internal exam and 25% weightage for least performance internal exam. Student has to secure 35% of marks in the Semester End Examination and minimum 40% marks in the sum total of the internal marks and Semester End Examination marks putting together for passing the course. There is no online internal exam for mandatory courses. No marks or letter grade shall be printed in the transcripts for all mandatory non-credit courses, but only Completed (Y)/Not-completed (N) will be specified. A student who failed to complete the course can appear for a supplementary examination as per the schedule announced by URCET.

9.2.2 Lab Courses

For Laboratory courses there shall be continuous internal evaluation during the semester for 20 marks (Day to day work 10M + Record 5M + Internal laboratory test 5M) and semester end evaluation for 30 marks.

9.2.3 Engineering Exploration Project / Engineering Project for Community Services /Mini Project

For Engineering Exploration Project /Engineering Project for Community services / Mini Project, there shall be Internal evaluation during the semester for 20 marks and semester end evaluation for 30 marks.

9.2.4 Project: 80 Marks

Project work shall be carried out in two stages. The Project stage 1 during the VII semester and Project stage 2 during the VIII semester. Project stage 1 shall be evaluated for 50 marks and Project stage 2 shall be evaluated for 150 marks.

For Project stage 1, there shall be an internal evaluation during the VII semester for 20 marks and semester end evaluation for 30 marks. The internal evaluation for project stage 1 shall be on the basis of project reviews conducted by the Project Review Committee (PRC). The PRC consists of HOD, Project coordinator, two senior faculty members of the department and project guide. Students have to submit a report containing introduction

to the project work, literature survey and problem definition for the project stage 1 at the end of VII semester.

For Project stage 2, there shall be an internal evaluation during the VIII semester for 60 marks and semester end evaluation for 90 marks. The internal evaluation for Project stage 2 shall be on the basis of project reviews conducted by the Project Review Committee (PRC). Students have to submit a report containing the project work carried out during Project stage 1 and Project stage 2 putting together at the end of VIII semester.

9.3 SEMESTER END EXAMINATIONS

9.3.1 Theory Courses (70M)

The Semester End Examination shall be conducted for 3 hours duration at the end of the semester. The question paper shall be given in the prescribed pattern. Each course shall consist of 5 units of syllabus. The questions shall be framed in line with the Course Outcomes defined and Blooms Taxonomy levels.

9.3.2 Laboratory Courses

The semester end examination for laboratory courses shall be conducted for three hour duration at the end of semester for 30 marks. Each Semester-end Laboratory Examination shall be conducted by an External Examiner along with an Internal Examiner. The average of the marks awarded by Internal and External Examiners shall be taken into consideration in case of difference of opinion.

9.3.3 Engineering Exploration Project/ Engineering Project For Community Services/Mini Project: 30 Marks

The distribution of semester end examination marks for Engineering Exploration Project / Engineering Project for Community services and Mini Project is given below

Report – 20 Marks

Presentation and Viva Voce – 10 Marks

The semester end examination shall be conducted and evaluated by the Committee nominated by the Head of the Department.

9.3.4 Project: 120 Marks

The semester end examination for project stage 1 shall be held for 30 marks and project stage 2 shall be for 90 marks (Evaluation, Presentation and Viva Voce) by a committee consisting of an external examiner, Head of the Department and Project coordinator. The evaluation of project stage 1 shall be conducted at the end of VII semester and project stage 2 at the end of VIII semester. The average of marks awarded by the committee members shall be taken in to consideration. The semester end examination for both project stages shall be completed before the commencement of semester end theory examinations.

9.3.5 Self-Learning Courses:

(Prescribed from the existing open courseware)

Students who have qualified in the examination conducted by the MOOCs providers are exempted from appearing in the internal and semester end evaluations conducted by the institution in that category.

In case a student fails to complete the MOOCs course offered by MOOCs providers, he/she may be allowed to register again for the same with any of the providers from the list approved by the department.

For the courses under this category, those students who have not registered under MOOCs platform and are able to learn by themselves shall appear for internal evaluation for 20 marks and semester end examination for 30 marks in the VIII semester

The distribution of marks for internal evaluation is given below

Home assignment - 5M

Assignment test - 5M

Midterm Examination – 10M

9.3.6 Industry Interaction / Internships: 100M

Students have to register for an Internship in collaboration with an Industry of their specialization during summer.

The candidate shall submit the comprehensive report to the department. The report will be evaluated for 100 marks by the Review Committee consisting of Head of the department, Program Coordinator and Industry Institute Interaction Coordinator.

9.3.7 Induction Program:

Induction program is mandatory for all the first year B.Tech students and shall be conducted as per Semester – 0 course structure.

9.4 MINIMUM ACADEMIC REQUIREMENTS

In addition to the attendance requirements mentioned in these regulations for the award of B.Tech Degree, a student must satisfy the minimum academic requirements as given below:

A student shall be deemed to have satisfied the minimum academic requirements and earn the credits for each theory or practical or design or drawing course in B.Tech programme, if he secures

9.4.1 A minimum of 35% marks for each theory course and Mandatory Course in the semester end examinations and a minimum of 40% marks for each theory course and Mandatory Course considering both IE and SEE taken together.

9.4.2 A minimum of 50% marks for lab courses, internship, industry oriented mini-project and project.

9.4.3 A student shall be treated as failed, if he does not submit a report on internship, industry oriented mini-project, project or does not make a presentation of the same before the evaluation committee as per the schedule, or secures less than 50% marks in evaluation.

9.4.4 In case of a student not meeting any of the above points, student may re-appear for each of the evaluation of internship, industry oriented mini-project, project, design sensitization, design thinking courses, as scheduled by the evaluation committee until he/she meets the requirement.

9.4.5 A student shall register for all the courses covering 160 credits as specified and listed in the course structure of the B.Tech programme, fulfills all the attendance and academic requirements for 160 credits, 'earn all 160 credits' by securing SGPA ≥ 5.0 (in each semester) and CGPA (at the end of each successive semester) ≥ 5.0 to successfully complete the under-graduate programme.

9.4.6 If a student fails to secure a pass grade in a particular course, he shall register and reappear for the supplementary examination in that course. It is mandatory that he should continue to register and reappear for the examination till he secures a pass grade.

9.4.7 A student eligible to appear in SEE of any course, but remains absent from it or gets failed (failing to secure 'D' grade or above) may reappear for that course in the supplementary SEE as and when conducted. In such cases, IE assessed earlier for that course shall be carried over, and added to the marks to be obtained in the supplementary SEE examination for evaluating the performance in that course.

9.4.8 A student detained in a semester due to shortage of attendance, may be re-admitted into the same semester in the next academic year for fulfillment of the academic requirements.

9.4.9 Academic regulations applicable to the semester in which re-admission is sought shall be applicable to the re-admitted student. However, no grade allotments or SGPA/ CGPA calculations shall be done for the entire semester in which the student has been detained.

9.4.10 A student detained due to lack of credits, shall be promoted to the next year only after acquiring the required academic credits. Academic regulations applicable to the semester in which re-admission is sought shall be applicable to the re-admitted student.

9.4.11 The student shall be qualified in two certificate courses not less than 40 hours duration each during his course of study. Out of the two certificate courses, atleast one certificate course shall be pursued through MOOCs platform like SWAYAM-NPTEL online courses, Coursera online courses, BEC certification courses etc.

9.4.12 Students who fail to earn 160 credits(LEs 120 Credits) as indicated in the course structure within eight academic years(LEs 6) counting from the year of their admission shall forfeit their seat in B.Tech programme and their admission stands cancelled.

9.5 REVALUATION AND PERSONAL VERIFICATION

9.5.1 Internal Evaluation

The Internal Evaluation scripts shall be shown to the students before finalizing the marks.

9.5.2 Semester End Evaluation

1. As per the notification issued by the Controller of Examinations, the students can submit the application form along with the requisite fee receipt for revaluation 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 examiner, other than the first examiner, shall re-evaluate the answer script(s).
4. Best out of the two will be taken into consideration.

9.5.3 Personal verification

On payment of special fee, the Semester End Examination answer scripts shall be shown to the candidate in front of the Controller of Examinations.

9.6 PERFORMANCE AND GRADING SYSTEM

Marks Range (% of marks)	Letter Grade	Level	Grade Points
≥ 90	O	Outstanding	10.00
≥80 to <90	S	Excellent	9.00
≥70 to <80	A	Very Good	8.00
≥60 to <70	B	Good	7.00
≥50 to <60	C	Fair	6.00
≥40 to <50	D	Satisfactory	5.00
<40	F	Fail	0
	AB	Absent	0

9.7 COMPUTATION OF SGPA AND CGPA

Computation of SGPA

The following procedure is to be adopted to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

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

Where C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course.

Computation of CGPA

The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semester of a programme, i.e.

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

Where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

$$\text{Equivalent Percentage} = (\text{CGPA} - 0.75) \times 10$$

9.8 Award of Class

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

Class Awarded	CGPA to be secured	From the CGPA secured from 160 Credits (120 credits incase of LEs)
First Class with Distinction	≥ 7.75 with no subject failures	
First Class	≥ 6.75 with subject failures	
Second Class	≥ 5.75 to < 6.75	
Pass Class	≥ 4.75 to < 5.75	

9.9 WITH HOLDING RESULTS

If the student has any dues, to the institute or if any case of indiscipline is pending against him, the result of the student will be withheld. His degree will be withheld in such cases.

9.10 MALPRACTICES:

Institution implements JNTUK guide lines for malpractices and improper conduct in examinations.

Disciplinary Action for Malpractices/Improper Conduct in Examinations

S.No	Nature of Malpractices/Improper conduct	Punishment
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm	Expulsion from the examination hall and cancellation of the performance in that subject only.

	computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the Controller of Examinations.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all semester end examinations. The continuation of the course by the candidate is

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		subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all semester end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Controller of Examinations / Additional Controller of Examinations – 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	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.

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	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.	
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all semester end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the 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 and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.

		Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the Principal for further action to award suitable punishment.	

10. ATTENDANCE REQUIREMENTS AND DETENTION POLICY

Student has to maintain a minimum of 50% in each subject and 75% of attendance in aggregate to be eligible for appearing the Semester End Examinations. Students who do not meet this requirement shall be detained in that semester.

However, the following are the special cases where the lack of attendance can be condoned.

- (i) Shortage of attendance up to 10% on medical grounds in which case the student must submit the medical certificate from any recognized medical practitioner on the day of reporting back to the class work after recovery from ill health.
- (ii) Up to a maximum of 10% if the student represents the university/state/country in any extra /co-curricular activities.

Shortage of attendance below 65 % shall in no case be condoned.

- A stipulated fee shall be payable towards condonation of shortage of attendance.
- Students, who do not meet the minimum required attendance in a semester, shall be detained in that semester and their registration for that semester shall stand cancelled. They shall not be promoted to the next semester.
- Students detained in a semester shall seek re-admission into that semester as and when offered.
- Academic regulations applicable to the semester in which re-

admission is sought shall be applicable to the re-admitted student. In case if there are any professional electives and/or open electives, the same may also be re- registered if offered. However, if those electives are not offered in the later semesters, then alternate electives may be chosen from the same set of elective courses offered under that category.

- A student fulfilling the attendance requirement in the present semester shall not be eligible for re-admission into the same class.

11. ELIGIBILITY CRITERIA FOR SEMESTER END EXAMINATIONS

- i) Minimum required attendance 75%
- ii) No dues

12. PROMOTION RULES

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.8 for promotion to higher classes

- a. A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement as per norms of the college.
- b. A student will be promoted from II to III year if he fulfills the minimum attendance requirements in II year II semester and also the academic requirement of 40% of credits up to II year II Semester from all the examinations, whether or not the candidate takes the examinations. Due to any reason, if II Year II Semester results are not declared/delayed, student must have secured 40% of total credits up to II Year I semester of the respective programme from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
- c. A student shall be promoted from III year to IV year if he fulfills the minimum attendance requirements in III year II semester as per the norms of the college and also the academic requirements of 40% of the credits up to III year II semester from all the examinations, whether or not the candidate takes the examinations. Due to any reason, if III Year II Semester results are not declared/delayed, student must have secured 40% of total credits up to III Year I semester of the respective programme from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.

13. DISCIPLINE

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

13.1 Ragging:

As per the order of Honorable Supreme Court of India, ragging in any form is considered as criminal offence and is banned. Any form of ragging will be severely dealt with the institute implements anti ragging regulations of UGC.

URCET - ANTI RAGGING REGULATIONS

According to UGC Anti Ragging Regulations 2009

UGC REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS, 2009

In exercise of the powers conferred by clause (g) of Sub-Section (1) of Section 26 of the University Grants Commission Act, 1956, the University Grants Commission, hereby, makes the following Regulations, namely

Title, commencement and applicability:-

1. These regulations shall be called the "UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009".
2. They shall come into force with immediate effect.
3. They shall apply to all the Universities established or incorporated by or under a Central Act, a Provincial Act or a State Act, to all Institutions deemed to be University under Section 3 of UGC Act, 1956, to all other higher Educational Institutions, Including the departments, constituent units and all the premises (academic, residential, sports, canteen, etc.) of such Universities, deemed University and other Higher Educational Institutions, whether located within the campus or outside, and to all means of transportation of students whether public or private.

Objective:

To root out raging in all its forms from Universities, Colleges and other educational institutions in the country by prohibiting it by law, preventing its occurrence by following the provision of these regulations and punishing those who indulge in ragging as provided for in these regulations and the appropriate law in force.

"Ragging" means the following:

Any conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness any other student, indulging in rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which such student will not in the ordinary course and which has the effect of causing or generating a

sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

Punishable ingredients or Ragging:

- Abetment to ragging;
- Criminal conspiracy to ragging;
- Unlawful assembly and rioting while ragging;
- Public nuisance created during ragging;
- Violation of decency and morals through ragging;
- Injury to body, causing hurt or grievous hurt;
- Wrongful restraint;
- Wrongful confinement;
- Use of criminal force;
- Assault as well as sexual offences or unnatural offences;
- Extortion;
- Criminal trespass;
- Offences against property;
- Criminal intimidation;
- Attempts to commit any or all of the above mentioned offences against the victim(s);
- Physical or psychological humiliation;
- All other offences following from the definition of "Ragging".

Punishments:**At the institution level:**

Depending upon the nature and gravity of the offence as established by the Anti-Ragging Committee of the institution, the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:

- Suspension from attending classes and academic privileges.
- Withholding/Withdrawing scholarship/fellowship and other benefits.
- Debarring from appearing in any test/examination or other evaluation process.
- Withholding results.
- Debarring from representing the institution in any regional, National or International meet, tournament, Youth festival, etc.
- Suspension/ Expulsion from the hostel.
- Cancellation of Admission.
- Rustication from the Institution for period ranging from 1 to 4 semesters.
- Expulsion from the Institution and consequent debarring from admission to any other institution for specified period.
- Fine ranging between Rupees 25,000/- and Rupees 1 Lakh.

Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment.

13.2 Eve Teasing

- i) Definition: “Eve teasing” means any indecent conduct or act by a man which causes or likely to cause intimidation, fear, shame or embarrassment to a woman, including abusing or causing hurt or nuisance to or assault, use of force on a woman.
- ii) Eve teasing at any place is prohibited.
- iii) Whoever commits or participates in or abets Eve teasing in or within the precincts of the institute shall be punished.

14. LATERAL ENTRY SCHEME ACADEMIC REGULATIONS

UR 19 CBCS regulations are applicable for lateral entry students admitted into 2nd year B.Tech from the Academic Year 2020-2021. All the regulations applicable to B.Tech 4-year degree course (Regular) will hold good for B.Tech Lateral Entry Scheme unless otherwise mentioned.

15. TRANSITORY REGULATIONS

1. Discontinued or detained candidates are eligible for readmission as and when next offered.
2. The readmitted students will be governed by the current regulations under which the candidate has been readmitted.
3. Transfer from other universities is permitted with the approval of Academic Council/APSHEC. Equivalent subjects and credits will be calculated with the approval of Board of Studies (BOS) chairman.

16. GENERAL

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

17. AMENDMENTS TO REGULATIONS

The Academic council of Usha Rama College of Engineering and Technology (Autonomous) reserves the right to revise, amend or change the regulations, scheme of examinations and/or syllabi or any other matter pertained suitable to the needs of the students, society, industry without any notice.