Rules & Regulations

AICTE - NOTIFICATION ON ANTI RAGGING

Sub: Prevention and prohibition of Ragging in technical Institutions, Universities including Deemed to be Universities imparting technical education.

F.No.37-3/Legal/AICTE/2009

What constitutes Ragging: - Ragging constitutes one or more of any of the following acts:

a. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;

b. Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psycho logical harm or to raise fear or apprehension thereof in any fresher or any other student;

c. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;

d. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;

e. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.

f. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;

g. Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;

h. Any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;

I. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

Actions to be taken against students for indulging and abetting ragging in technical institutions Universities including Deemed to be University imparting technical education:-

1. The punishment to be meted out to the persons indulged in ragging has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.

2. For every single incident of ragging a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities.

3. The Anti-Ragging Committee of the institution shall take an appropriate decision, with regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging.

4. a) Depending upon the nature and gravity of the offence as established the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:-

    (i)   Cancellation of admission

    (ii) Suspension from attending classes

    (iii) Withholding/withdrawing scholarship/fellowship and other benefits

    (iv) Debarring from appearing in any test/examination or other evaluation process

    (v)   Withholding results

    (vi) Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.

    (vii) Suspension/expulsion from the hostel

    (viii) Rustication from the institution for a period ranging from 1 to 4 semesters

    (ix) Expulsion from the institution and consequent debarring from admission to any other institution.

    (x)   Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.

DISCIPLINE

1) All the students should maintain 100% attendance as far as possible.

2) Leave or absence due to.

(I) Sickness (ii) Attending family functions. (iii) Unavoidable requirements should not exceed 25% of the attendance.

3) For sanction of medical leave, application should be submitted to the Principal along with medical certificate recommended by the Group Tutor within 5 working days. Only such medical leave will be considered for condonation of shortage of attendance.

4) Prior sanction should be obtained from the Principal by those students who are eligible for duty leave. After the duty such students should apply for duty leave within 5 working days to the Principal.

5) Any student indulging in ragging (any kind of physical or mental harassment) will be expelled from the college and could be sent to prison for 2 years. (as per the Kerala Prohibition of ragging ordinance 1997).

6) Misbehaviour towards opposite sex, use of threat or violence against the members of staff or fellow students will be considered as a very serious case of misconduct.

7) Smoking, use of drugs and liquor are strictly prohibited.

8) Students are required to maintain not only good academic progress but also high discipline in the campus.

9) Political activity is banned in the college campus. The members of the college community are not allowed to act on behalf of political parties or communal organizations.

10) Students shall not stick or distribute any posters, notices etc. which will adversely affect the discipline and smooth functioning of the college.

11) Students are not allowed to bring Mobilephones to the College.

12) Students who have committed acts of indiscipline and obtained punishment will not be considered for the Placement. They are also not eligible for "Good" conduct certificate.

13) Students should not loiter inside the campus after the commencement of class.

All students should wear uniform on all regular working days except Wednesdays and Saturdays. Students are not allowed to alter the uniform without prior permission from Principal. Student should wear identity card, belt and decent footwear. Use of slippers and flip flops as footwear is not allowed.

All the boy students are strictly advised to come to the campus in tucked-in style for shirt, while wearing pants and shirts. Low waist pants / Jeans, T-Shirts should be avoided in the campus.

On Wednesdays and Saturdays, all girl students are strictly advised to wear only churidar with dupatta on both sides. Sleeveless /short sleeve dresses are not allowed. Leggings and Jeggings should be strictly avoided in the campus. Saree can be worn with prior permission on special occasions.

Uniform is compulsory for all internal examination and university examination days.

14) Separate uniforms are prescribed for lab classes and workshop classes.

15) Damaging furniture, defacing the walls and premises, repeated absence from the class with out leave, mis behaviour in class, general neglect of studies and of other duties will be considered as serious offences and will be dealt with appropriately.

16) In no case shall furniture or equipment belonging to the college be removed from its respective places without prior permission from the authorities.

17) Students should keep the class rooms neat and tidy. Do not throw bits of papers, chocolate wrappers etc. inside class rooms or verandahs. Deposit such used articles inside the waste bins placed on the verandhas.

18) Eatables are strictly prohibited inside the classroom.

19) Use the Special zone marked for parking motor bikes and cars inside the campus.

20) It is mandatory for the students and the staff using 2 wheelers to wear helmets.

LIBRARY

1) Strict and absolute silence shall be observed in the library.

2) Books and other personal belongings should not be taken inside the library.

3) Membership cards are not transferable.

4) Not more than 2 books may be borrowed at a time.

5) Requirement of new books may be intimated to the librarian through the concerned HOD.

6) In case of library cards being lost, the matter should be immediately reported to the Librarian in writing. New library cards will be issued after paying the fine.

7) Library users are strictly prohibited from taking the borrowed and stamped books again inside the library.

8) Books and periodicals should be handled with care. The members will be responsible for any damages and disfigurations caused to the books borrowed by them.

9) All the books should be returned on the date marked on the label affixed on the back page of the book. Absence from college will not be an excuse for not returning the book on time.

10) If a member damages or disfigures a book or periodical, he/ she will have to replace it or pay the cost of the article. In case one book in a set is damaged, the whole set will have to be replaced.

11) Reference books, News papers, Magazines, and Journals should not be taken out.

12) The library timings and details of fine structure are displayed on the library notice board.

13) No student should lend either the borrower's card or the books they have borrowed from the library to fellow students or outsiders.

14) The following conditions are to be followed for the renewal of books.

   a) The book has to be produced in the library for renewal

   b) More than one renewal will not be allowed

FACULTY ADVISORS (CLASS TUTORS /GROUP TUTORS)

Every Class is entrusted to the care of one faculty called class tutor. The class tutors monitor the progress of the students at a closer level. He/she will maintain a record of the academic progress of the students and shall have a closer interaction with the students and provide guidance and counselling. The class tutors can call for a meeting of the students during assigned hours or at the convenience of both faculty and students. He/she can have a meeting of the parents if needed. Normally the guidance and counselling provided by a tutor may include:

● Giving information concerning career opportunities and availability of educational/instructional resources.

● Helping students to cope with any difficulties in learning

● Solving personal problems if any

● Providing help to improve interpersonal relationship and serving as a bridge between parents and the institution.

A record pertaining to the details of each student, guidance and counselling provided by the class tutors from time to time are to be maintained by them.

Kerala Technological University (KTU) B.Tech program Salient Features/ Guidelines

1. **Admission to Bachelor of Technology / B.Tech. / B.Tech. (Honours)**

a. Eligibility for admission to the B.Tech., programme, admission policy and procedure shall be decided from time to time by following the guidelines issued by the Government of Kerala and the Government of India and other statutory body such as AICTE.

b. Subject to Clause 1(a), Admission to B.Tech., shall be based on the guidelines given by the State and Central Governments on reservation. Candidates for admission to B.Tech., programme shall have passed the Higher Secondary Examination, Kerala or 12th Standard V.H.S.E., C.B.S.E., I.S.C or any other examination considered equivalent to the above mentioned ones. Other eligibility criteria for admission is currently prescribed by the Government of Kerala through Government orders which is based on the entrance examination conducted by the Commission for Entrance Examinations, Government of Kerala and the marks in the qualifying examination subject to the relaxations allowed for backward classes and other communities as specified from time to time.

c. The Branches of study and number of students admitted are to be based on the approval by the All India Council for Technical Education and the Kerala Technological University.

d. Notwithstanding all that is stated above, the admission policy may be modified from time to time by the University, particularly to confirm to directions from the Government of Kerala and the Government of India.

e. The B.Tech., / B.Tech. (Honours) programme is a credit based programme. The duration of the B. Tech / B. Tech (Honours) programme will normally be four academic years spanning 8 semesters. The maximum duration shall be six academic years spanning 12 semesters.

f. For lateral entry to B.Tech/B.Tech (Hons.) programme only diploma holders shall be admitted subject to other eligible conditions prescribed by the Govt. of Kerala from time to time.

2. **Examination**

a. At the end of the semester, end semester examination will be conducted in all lecture based courses offered in the semester and will normally be of three hours duration, unless otherwise specified. Supplementary examinations shall be conducted during summer vacation after the even semester examination and before the commencement of the next odd semester, for students who are eligible and have registered for the same.

b. Students, who have completed a course but could not write the end semester examination for valid reasons like illness or personal exigencies, are allowed to write the supplementary examination or the end semester examination at the next opportunity and earn the credits without having to register for the course again provided they meet other eligibility criteria.

c. The main eligibility criteria for the end semester examination are attendance in the course, internal marks and no pending disciplinary action. The minimum attendance for appearing for the end semester examination is 75% in each course. Further, the internal evaluation marks in the course should be 45% or above. Students who do not meet these eligibility criteria are awarded an FE grade and have to register for the course again.

d. Students who could not write the end semester examination due to health reasons or other exigencies can register for the supplementary examination, with the approval of the principal provided they have 45% or above marks in the internal evaluations for the course. Candidates who received F grade can also write the supplementary examination. Grades awarded in the supplementary examination will be taken as the end semester grades in these courses.

3. **Eligibility for Award of Degree**

The award of B. Tech. / B. Tech. (Honours) degree shall be based on the recommendation of the Academic Committee and the approval of the Board of Governors and in accordance with the academic regulations, if any, issued for the said purpose by the University.

Award of B. Tech. Degree

A student will be eligible for the award of B. Tech. Degree of the University on satisfying the following requirements.

i) Earned credits for all the core courses and the Project.

ii) Earned the required minimum credits as specified in the curriculum for the branch of study.

iii) No pending disciplinary action.

4. **Fee charged by the University**

Fee charged for the programme shall be decided by the University from time to time and informed to all concerned for compliance.

5. **Discipline of the student – Action against breach of discipline**

Every college shall have a Student's Welfare Committee and a Disciplinary Action Committee, constituted by the Principal of the college. Each college should have a Grievance Redressal and Appeals

Committee constituted by the Principal to address the grievances of the students and to consider their appeals on any decisions made by the college. Details on the constitution and terms of reference are outlined in 7-x, 7-y, and 7-z.

6. **Breach of guidelines and unfair practices in Examinations These are viewed seriously and appropriate actions are to be taken by the colleges as dtailed in 7-x.**

a. Language of Instruction and Examination.

Unless otherwise stated, the language of instruction and examinations shall be English.

b. Academic Calendar.

The University shall publish in its website the academic calendar for every academic semester indicating the commencement of the semester and beginning of instruction. It will specify the course registration and enrolment dates, the schedule for mandatory internal tests for theory courses, dates by which laboratory/practical evaluations are to be completed, date for finalization of internal marks, last instruction day in the semester, planned schedule of end semester examinations and result declaration as well as approved holidays falling within the semester. Schedules for the supplementary examinations and result declaration dates are to be included in the calendar. Summer course schedule and result declaration have also to be indicated in the calendar. Additionally colleges may publish their academic calendar, in line with the University academic calendar, indicating other schedules and events they plan to conduct during the semester.

c. Branches of B. Tech. Programmes.

The Branches of B. Tech. /B. Tech. (Honours) programme offered by the University are listed separately at the end of this Ordinance

d. B. Tech. Programme Structure

i) B. Tech. / B. Tech. (Honours) programme in all branches of study is structured on a credit based system following the semester pattern with continuous evaluation allowing flexibility for students to decide on the duration of programme completion.

ii) The duration for the B. Tech. /B. Tech. (Honours) programme in all branches of study, will normally be 8 semesters.

iii) The maximum duration shall be six academic years spanning 12 semesters.

iv) Each semester shall have 72 instructional days, followed by end semester examinations.

v) A student can opt for B.Tech. (Honours) at the end of the fourth semester.

vi) The curriculum of any branch of the B. Tech. programme is designed to have a minimum of 180 academic credits and 2 additional pass/fail credits, for the award of the degree.

vii) The University follows Credit System and Credits are apportioned among the following knowledge segments.

B.Tech. Programme.

Knowledge Segments	Credits
Basic Sciences	10 [8 Theory + 2 Labs]
Mathematics	16
Humanities	9
Basic Engineering	29 [25 Theory + 4 Labs]
Professional Engineering	89 [80 Theory + 9 Labs]
Electives	15
Seminar	2
Comprehensive Viva	2
Design Project	2
Project	6
Total Academic Credits:	180
Student's Activities	2 [Audit-Pass/Fail]
Total credits for B.Tech. Degree	182

Credits are assigned to courses based on the following general pattern.

One credit for each lecture hour per week for one semester

One credit for each tutorial hour per week for one semester

One credit for each laboratory/ practical session of 2 or 3 hrs, per week for one semester

viii) In a semester normally up to six lecture based courses and three laboratory/practical courses, carrying a maximum credit of 26, could be offered.

ix) University may allow students to transfer credits they have earned at other Universities and Academic Institutions, as per the guidelines given by the Academic Committee and approved by the Board of Governors.

x) Student Activities Points:

To be an engineer capable of competing globally, in addition to technical knowledge and skills, students should develop excellent soft

skills, nurture team work and leadership qualities and have an entrepreneurial and trail blazing outlook. To achieve this, in addition to academics, students are to actively engage in co-curricular and extra-curricular activities. For such activities, points are allotted. On getting a minimum of 100 activity points the student passes the course and earns 2 credits which do not count for the CGPA but mandatory for the award of the degree. Listing of these activities and the maximum points that could be earned by engaging in them are given at the end of this document. Additional activities could be included in the list with the approval of the Academic Committee.

e. Curriculum, List of Courses and Syllabi

i) Every branch of study in the B.Tech., programme will have a curriculum, list of courses, syllabi and course plans approved by the Academic Committee of the University.

ii) Courses are categorized as Core Theory (CT), Core Practice (CP) and Electives (EL).

iii) Each course has a course number. Course number includes the offering department or knowledge segment code and a three digit number. Knowledge segment code is used when a course is offered by any one or more departments with the same course content and syllabus. Details on this are given under Rule, RU-1.

f. Faculty Advisor/Counsellor

All students shall have faculty advisors whose role will be:-To guide and help students on academics To monitor their progress in academics and advise them To counsel them and hand-hold them in any difficulty

g. Course Registration and Enrolment

It is mandatory for students to register for the courses they want to attend in a semester. Students admitted freshly to the first semester, are advised to register for all courses listed for the semester. However they do not have to enroll for the semester. All other students are required to register and enroll for the courses they desire to take in the coming semester. They have to enroll for these courses at the beginning of the new semester, based on the previous semester results. This allows them to make changes in the list of courses already registered for. Before enrolment, students should clear all dues including any fees to be paid and should not have any disciplinary issues pending. The dates for registration and enrolment will be given in the academic calendar. Any late registration or enrolment, allowed up to 7 working days from the stipulated date, will attract a late fee. A student can withdraw from a course or substitute one

already registered by another on valid reasons with the approval of the faculty advisor. However this has to be done within seven working days from the commencement of the semester. The maximum number of credits a student can register for in a semester is limited to 28 instead of the 26.

h. Course Completion and Earning of Credits

Students registered and later enrolled for a course have to attend the course regularly and meet the attendance rules of the university [RU-2] and appear for all the internal evaluation procedures for the completion of the course. Credits for the course are earned only on getting a pass grade in the composite evaluation. For students admitted under lateral entry scheme, credits for the first and second semester courses are deemed to have been earned from the Diploma programme. Their eligibility criteria for registering for higher semester courses will be same as that for the B.Tech programme.

i) Core courses, Prerequisites and Electives

All courses listed in the curriculum, other than the electives, are core courses. Earning credits in the core courses is mandatory for the B. Tech. degree. For electives, failure to earn credits does not necessarily require repeating the course. Instead another approved elective is permitted as a replacement course by the faculty advisor concerned. For some courses there could be a prerequisite course completion requirement for registration.

J) Summer Courses

Students who could not earn the required minimum credits at the end of the second or fourth semester have two options to continue with the studies. They may register again for the courses, when they are offered in the next academic year. However, there is also a provision to run summer courses in failed courses for these students who may register and attend the course and write the final examination. This provision is only for students who have got 45% or more in the internal evaluation for the courses they attended in the regular semester. Students should have 75% attendance in the summer course to write the examination. For the final grading their internal evaluation marks obtained in the regular semester in which they had undergone the course shall be applicable. Summer courses are to be conducted for a minimum of 20 contact hours for each course. Summer courses are to be offered only at the end of the second and fourth semesters for the courses covered till that semester. They will be conducted either by all colleges or only by some, depending on the number of students registering for them. Details of summer courses

planned will be announced by the colleges after the declaration of the even semester results. Final examination for summer courses will be conducted by the University. Based on the availability of faculty and the number of students opting for courses, it will be the prerogative of the colleges to decide on the summer courses to be offered.

Options for the fifth and higher semesters

For higher semesters, i.e., fifth semester onwards, summer courses are not offered. Failed students who have less than 45% marks in internal assessments have to register again for the course in the regular semester in which it is offered and complete the course as per the regulations and appear for the end semester examination. Failed students having 45% marks or more in internal assessments have the option to register again for the course as mentioned above or register only for the end semester examination without attending the course again. A separate registration format will be available for this. This option is available in all semesters.

The summer courses shall be considered as independent course and students have to register for this course. This provision of summer courses may be extended to students who have got FE grade due to (I) shortage of attendance (ie. having attendance less than 75%) and (ii) shortage of internal evaluation marks (ie. having IA marks less than 45%) with the following conditions.

i.   The students shall have minimum 50% attendance in the specified course of the regular semester. They have to register for the summer course and obtain 75% attendance.

ii. The students shall have a minimum 35% IA marks in the regular semester. During the summer course the student will get a chance to improve the IA marks by writing one IA make up test during the summer course. This will replace the lower of the two marks got in the regular semester. However the IA marks shall be limited to 50%.

k)   Contact Courses

If a student has to earn credits only just for one course to qualify for the degree after completing eight semesters of study, the college concerned may offer a contact course on a written request by the student. The contact course is considered as fresh registration and is to be offered by the teacher concerned who shall conduct the internal evaluation procedures and allot the marks as per the regulations. Minimum contact hours for the course shall be 20. The final examination will be conducted by the college and shall be monitored by the external academic auditor. Question paper for the examination will be given by the Controller of Examination. No grade above C shall be given for a contact course.

I)   Academic Assessment/Evaluation

Academic Evaluation of Courses

University follows a continuous academic evaluation procedure.

Academic evaluation procedure and corresponding weights are as follows:-

a).   For theory courses: -Normally 1/3rd weightage for internal evaluation and 2/3rd for end semester examination.

For convenience, the maximum marks for internal evaluation and end semester examination for theory courses are fixed as 50 and 100 respectively unless otherwise specified through internal circulars for any particular examination.

Scheme of evaluation is as follows.

i)   Two internal tests each of 20 marks and of one hour duration. (Internally by the College)

ii)   Tutorials/Assignments/Mini Projects carrying 10 marks. (Internally by the College)

iii) End Semester examination carrying 100 marks. (Conducted by the University)

All the above evaluations are mandatory requirements to earn credits.

Students who have missed either the first or the second test can register with the consent of the faculty and the Head of the Department (HOD) concerned for a re-test which shall be conducted soon after the completion of the second test, but before the end semester examination. The re-test will cover both first and second test course plans. Those who have missed both the tests are not eligible to appear for the end semester examination. However if one misses both tests due to medical reasons or other personal exigencies, based on genuine evidence, a single test of 2 hour duration for 40 marks will be conducted covering the whole syllabus, before the end semester examinations. Decision on this will be taken by the Principal and verified by the external academic auditor.

b)   For Laboratory /Practical /Workshop courses

I)   Practical records /Outputs 60 marks (Internally by the College)

ii)   Regular class Viva 10 marks (Internally by the College)

iii) Final written test/quiz   30 marks (Internally by the College)

30 marks for final written test /quiz in the evaluation of laboratory /practical courses in 3 to 8 semesters shall be awarded by conducting one end semester internal practical examination.

All the above assessments are mandatory to earn credits. If not, the student has to complete the course/assessments during his free time in consultation with the faculty members. On completion of these, grades will be assigned. In case the Practical /Laboratory/Workshop courses are not completed in the semester, grade I (incomplete) will be awarded against the course and the final grade will be given only after the completion of the course/assessments.

c)   Comprehensive Examination

As students appear for placements from seventh semester onwards, comprehensive examination is to be completed in the sixth semester. This examination will be a written cum oral examination covering broadly all courses so far completed [RU-5].

d)   Seminar

Each student has to give a seminar on a professional topic of current interest in consultation with the faculty member in charge of the seminar in the Department. The seminar will be evaluated based on RU-6

e)   Design Project

Each student or a group of students has to take up a design project. The project topic could be arrived at in consultation with any faculty member in the department. The Evaluation of the project is to be done in two stages. Two project progress evaluations each carrying 20 marks and a final report evaluation and presentation of the project for 60 marks. The project supervisor and two other faculty members from the same or any other department, nominated by the Head of the Department form the evaluation board.

f)   Final Semester Project

Students, either individually or in a small batch not exceeding four, have to do a

project approved by their faculty supervisor.

Evaluation scheme is given below:-

i)   Two progress assessments   20%   by the faculty supervisor/s

ii)   Final Project Report   30%   by the Assessment Board

iii)   Project presentation and Viva   50% by the Assessment Board

If the project work is not completed satisfactorily, the student has to put in more work and appear again for assessment on a specified date, not earlier than one month after the first evaluation. If the student fails in the project, a fresh registration for the project for one semester is mandatory.

The project assessment board shall consist of the following members.

Chairman : Head of the Department

Members : Project supervisor/s of the student

One faculty member from the Department

One faculty member from a sister Department

An external expert, either from an academic/research institute or industry

m) Eligibility to Continue

A student has to earn a minimum number of credits in a semester to be eligible to register for the new courses offered in the next semester. In 1,2&3 semesters if this requirement is not met, the student is to be forewarned and allowed to continue to the next semester. However to register in the 4th,,6th&8th semesters this requirement will be strictly implemented. Summer courses are offered to those who do not satisfy this norm after the 2nd, as well as 4th, semesters. Students who do not meet this requirement are not permitted to register for new courses in the higher semesters . They have to register for the failed courses in normal semesters in which they are offered subject to the limitations imposed by the ordinances and course timetable.

Action plan, for dealing with course arrears in theory courses at the end of each semester to continue with the programme, is given below. Faculty advisors shall monitor advice and support the students in this. Students should be informed about the minimum cumulative credits requirement to register for higher semester courses.

Eligibility Criteria for Registering for Higher Semester Courses

Semester(1)	Allotted credits(2)	Cumulative credits(3)	Minimum cumulative credits required to register for courses in Coloumn (1) (4)
First	24	24	Not applicable
Second	23	47	Not insisted
Third	24	71	Not insisted
Fourth	23	94	26 credits from S1&S2
Fifth	23	117	Not insisted
Sixth `	23	140	71 credits from S1 to S4
Seventh	22	162	Not insisted
Eight	18	180	117 credits from of S1 to S6

n) Course Committees and Class Committees

These committees are to be in place in each college affiliated to the University.

a) Course Committee

This is for common courses (electives are excluded) offered to students admitted for the B. Tech. programme irrespective of their branch of study. Each of such courses will have a course committee constituted by the Principal of the college.

The chairman of the course committee shall be a senior faculty member not offering the course.

Members:-

i) All teachers offering the course.

ii) Four student representatives nominated by the Principal.

b) Class Committee

Beginning from the third semester, all branches of study will have class committees for every semester constituted by the respective Heads of Departments.

The chairman of the committee shall be a senior faculty member who does not offer any course during that semester.

Members:-

i) All faculty members teaching courses in that semester.

ii) Two student representatives nominated by the head of the Department.

The course committees and class committees shall meet at least thrice in a semester – the first at the beginning of the semester, the second and the third after the first and the second internal tests respectively. Both committees should monitor the conduct of the courses, adherence to the course plan and time schedule, completion of the syllabus, standards of internal tests, evaluation process and difficulties faced by the students and take suitable remedial actions at the appropriate time. At the end of the semester, the committee should meet without student representatives to review the conduct of the course and finalize the internal assessment marks and approve them.

o) Eligibility for writing the end semester examination and for grading

Students with 45% or more marks in internal assessment in a course shall only be permitted to write the end semester examination in that course. Those with less than 45% internal marks shall be awarded FE grade and have to register for the course again.

A student should have a minimum of 45% marks in the end semester examination to be eligible for grading in a course. Otherwise he/she will

be considered to have failed in the course and an F grade will be awarded. Internal marks given to the students who got 45% marks or more in the end semester examination shall be regulated in line with the end semester examination performance. Internal mark percentage shall not exceed 25% over the end semester mark %.

(For example if the end semester mark % is 45, then the maximum internal mark % is to be 45+25 = 70 %.)

In case the student writes the supplementary examination, the mark got in that will be taken into consideration for regulating the internal marks.

Those who have more than 45% marks in the end semester examination are awarded the grade based on both internal assessment and end semester examination marks. A student earns credits for a course if the grade is P or above.

p) Award of Grades

Grading is based on the % marks obtained by the student in a course, as given in 7q. The grade card will only give the grades against the courses the student has registered.

Semester grade card will give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA).

q) Grades and Grade Points

Grades and Grade Points followed by the University is as follows.

Grades		Grade Point (GP)	% of Total Marks obtained in the course
O	(Outstanding)	10	90% and above
A+	(Excellent)	9	85% and above but less than 90%
A	(Very Good)	8.5	80% and above but less than 85%
B+	(Good)	8	70% and above but less than 80%
B	(Above Average)	7	60% and above but less than 70%
C	(Average)	6	50% and above but less than 60%
P	(Pass)	5	45% and above but less than 50%
F	(Fail)	0	Less than 45%
FE		0	Failed due to eligibility criteria
I			Course Incomplete

SGPA and CGPA are calculated based on the above grading norms and are explained at the end of this document.

r) Academic Auditing

The University shall have a detailed academic auditing procedure in place comprising of an internal academic auditing cell within the colleges and an external academic auditing for each college. The internal academic auditing cell in each college shall oversee and monitor all the academic activities including all internal evaluations and examinations. This cell is to prepare academic audit statements for each semester at regular intervals. These reports are to be presented to the external academic auditor approved by the University, who will use it as a reference for his independent auditing and for the final report to the University.

Academic auditing shall cover:-

i) Course delivery covering syllabus, adherence to course plan, quality of question papers for internal examinations, internal evaluation, laboratory experiments, practical assignments, mini projects and conduct of practical classes and their evaluation.

ii) Co-curricular and Extra-curricular activities available for students, their organization and the mechanism of monitoring of activities points earned by the students.

iii) Academic functioning of the college encompassing students, faculty and college administration covering punctuality, attendance, discipline, academic environment, academic accountability, academic achievements and benchmarking.

s) Break of Study

A student may break study for a maximum duration of two semesters, preferably in one academic year, to initiate start-up ventures, product development etc. This is however permitted only on successfully completing the courses listed out in the first four semesters. Request for this with ample evidence to the seriousness of the venture should be forwarded to the college principal for approval. [RU-3]

Break of study on serious health reasons is also permitted with the approval of the college Principal. [RU-3]

All such cases of break of study are to be reported to the University. In both the cases, the maximum duration for completing the B. Tech. programme will still be twelve semesters.

t) Revaluation and Grade Improvement

There is no provision for improving the grade. The students can apply for revaluation of the answer books of the end semester examination after

the results are declared. The final mark awarded will be the best of the two marks. If the difference in marks obtained in revaluation and the original valuation is more than 15% of the maximum marks, it will be sent for third valuation. The final mark will then be the average of the closest of the two marks obtained in the three valuations to the advantage of the student or the mark obtained in the original valuation whichever is higher. The Controller of Examination shall examine such cases and conduct proper enquiry to see whether any of the examiners has inadvertently responsible for negligent valuation of answer script and recommend for suitable action.

There is no provision for improving the grades. The student can applyfor revaluation of the end semester examination after the results are published. The answer scripts already valued by two examiners will not be revalued again.

u) Grade Cards

Students who have written the end semester examination will be given the grade cards for the registered courses, in every semester by the University. On earning the required credits for the degree, the University will issue the final consolidated grade sheet for the B. Tech programme including CGPA

v) B. Tech Degree

B.Tech. degree will not have any classifications like distinction or first class. The grade card and degree certificate of students admitted under lateral entry scheme will indicate so.

w) B. Tech. (Honours)

Accredited departments in institutions, having at least two post graduateprogrammes, may offer B. Tech. (Honours). It should be noted that students with a CGPA above 8 at the end of the fourth semester and having no credit arrears only are eligible for this option. As only selected institutions may have this provision, students cannot demand this or move later to an institute where this is available. Students have to earn 12 additional credits to get B. Tech (Honours). Furthermore their CGPA at the end of the programme should be 8 or higher. Those who opted for B. Tech (Honours) but unable to earn the required additional credits in 8 semesters or whose final CGPA is less than 8 shall automatically fall back to the B. Tech. programme. However, additional course credits and the grades thus far earned by them will be shown in the grade card but not included for the CGPA.

x) Academic Discipline and Malpractices in Examinations

Every student is required to observe discipline and decorous behaviour. Any act of indiscipline, misbehaviour and unfair practice in examinations will be referred to the Disciplinary Action Committee (DAC). Malpractices in examinations shall be viewed seriously and any such incident observed or reported by a faculty member or an invigilator associated with the examinations shall be reported to the Principal who in turn shall refer it to DAC. On the basis of the report and evidence available or gathered, DAC shall immediately initiate an enquiry giving the concerned student a chance to explain his/her case. Based on this the committee shall recommend the course of action in line with the guidelines formulated for this by the Controller of Examination of the University and forward it to the Principal for action.

Actions are to be based on the severity of the offence and are to be dealt with, on a course basis. Guidelines on this shall be given by the Controller of Examination which is to be followed by the Disciplinary Action Committee of the college.

The student may appeal to the Grievances and Appeals Committee for a relook on the matter. Based on the committee's report, the Principal shall take a final decision on the matter.

DAC shall be headed by a department head and shall have three other faculty members drawn from different departments as members. In case of malpractices in end semester examinations, the report given by the college DAC and the action taken by the Principal shall be intimated to the Controller of Examination of the University.

In case of malpractices in end semester examinations, the report given by the college DAC and the action taken by the Principal shall be intimated to the Controller of Examination of the University. The Controller of Examinations shall refer the case to the Examination Monitoring Committee. The Controller of Examination will consider the same as a Review.

y) Student's Welfare Committee

Every college shall have a Student's Welfare Committee, constituted by the Principal of the college. This committee shall have at least three faculty members as members and the chairman shall be a senior faculty member in the rank of a Professor. This committee is entrusted with the task of looking after the welfare of the students by taking appropriate steps with the concurrence of the principal.

z) Grievances and Appeals Committee

Each college should have a Grievances Redress Committee constituted by the Principal to address the grievances of the students and to consider their appeals on any decisions made by the college. This committee consisting of at least three faculty members and chaired by a senior professor shall look into student's grievances and appeals and give its recommendations to the Principal for action.

8) Amendment to Ordinance/ Regulations/Rules

Notwithstanding all that has been stated above, the University has the right to modify any of the above Ordinance/Rules/regulations from time to time.

RULES:

RU-1 Course Code and Course Number

Each course is identified by a course code and a three digit number. The two letter code refers to the department offering the course or the knowledge segment of the course. The knowledge segment code is used when the course is to be offered by different departments either individually or together but having the same syllabus and course plan.

Course Number: MA 101 - This refers to a course in Mathematics with the course number 101.

Course Number: BE 102 - This refers to a course in Basic Engineering.

Course Number is a three digit number and the first digit refers to the Academic year in which the course is normally offered, i.e. 1, 2, 3, or 4 for the B. Tech. Programme of four year duration. Of the other two digits, the last digit identifies whether the course is offered normally in the odd (odd number), even (even number) or in both the semesters (zero). The middle number could be any digit.

MA 101 is a course in Mathematics offered in the first semester.

EE 344 is a course in Electrical Engineering offered in the sixth semester.

PH 110 is a course in Physics offered both the first and second semesters.

BE 102 is a course in Basic Engineering offered by one or many departments.

These course numbers are to be given in the curriculum and syllabi.

RU-2 Attendance

Attendance is marked for each course. While 75% attendance is mandatory for writing the end semester examination in that course,

students are expected to have 100% attendance. However under unavoidable circumstances students are permitted to take leave. Leave is normally sanctioned for any approved activity taken up by students outside the college covering sports and other extracurricular activities. Leave is also permitted on medical grounds or on personal exigencies. Leave of absence for all these is limited to 25% of the academic contact hours for the course.

In case of long illness or major personal tragedies/contingencies the college Principal can relax the minimum attendance requirement to 60%, to write the end semester examination. This is permitted for one or more courses registered in the semester. Principal shall keep all records which led to his decision on attendance, for verification by the Academic Auditor. However this concession is applicable only to any two semesters during the entire programme. In case of prolonged illness, break of study is permitted as per RU-3.

RU-3 Break of Study

A student is permitted to have a break of study.

i) In case of accident or serious illness needing prolonged hospitalization and rest.

ii) In case the student has a bright idea and would like to initiate a startup venture or develop a new product.

iii) In case of any personal reasons that need a break in study. For break of study due to illness, student should submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back the student should submit the fitness certificate from the doctor who treated him.

Students who want to initiate a start-up venture or a product development, have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the college Principal. The Principal shall evaluate the proposal by constituting an expert team consisting of a technocrat and a bank executive and take an appropriate decision based on the team's recommendation. In the semester system followed by the University, break of study for an academic year is preferred over a semester break.

Students who want a break in study due to personal reasons shall convince the Principal on the genuine need for it by giving authentic evidence for the same.

RU-4 Leave of Absence

Students who want to take leave under RU2 have to submit a leave letter to the teacher conducting the course. This letter is to be forwarded to the Head of the Department with recommendation of the teacher indicating the total leave of absence the student has so far availed. Leave is to be sanctioned by the Head of the Department. For medical leave over three days, medical certificate indicating the need for leave is required. After any medical leave exceeding five instruction days, on rejoining, the student has to produce the fitness certificate given by the doctor.

RU-5 Comprehensive Examination

This examination consists of two parts. Part one a written test and the other an oral one. The written examination shall be objective type of 1 hour duration and shall have 50 marks and is to be conducted by the concerned department. Chairman of the oral examination board shall be a senior faculty in the department and the members include two other faculty members of the department and an external expert from another academic institute or an industry. Oral examination shall carry 50 marks. Comprehensive examination may be conducted any time during the 6th semester with sufficient notice given to the students.

RU-6 Seminar

Students have to prepare a detailed report on the topic of the seminar and submit it to the teacher concerned. The seminar is to be of 20 minutes duration with another 5 minutes given for questions and answers. All students in the class have to attend the seminar without fail. Evaluation will be based on the report, seminar presentation as well as on the ability of the student to answer the questions put forward. Faculty member in charge of the seminar and another faculty member in the department nominated by the Head of the Department are the evaluators for the seminar. Distribution of marks for the seminar is as follows.

Marks for the report   : 30%

Presentation   : 40%

Ability to answer questions on the topic   : 30%

RU-7 Ragging

Ragging of any nature is a criminal and non-bailable offence. Involvement in ragging shall lead to stringent punishment, including imprisonment as per the law of the land. A student, whose involvement in ragging is established, shall be summarily dismissed from the college. Each student of the Institute, along with his/her parent, is required to give

an undertaking in this regard and the same is to be submitted at the time of registration.

RU : 8 B.Tech (Honours)

The Institutions with at least two NBA accredited B.Tech/M.Tech programmes can offer B.Tech (Honours) degree for the students. To earn 12 additional credits, the student has to take at least four courses of which two should be from the M.Tech specialisation. MOOC courses (Massive open online courses) of relevance offered by Institutions of repute are to be identified by the student in consultation with the faculty advisor and get it approved from the University regarding the credits to be allotted. Additionally, there is an option for the student to join the summer projects offered by IISc & IITs. If a student after registering for the B.Tech(Honours) programme fails in any course, there after, will not be eligible for B.Tech (Honours).

Addendum:-

1. Calculation of SGPA/CGPA

Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.

SGPA = $\acute{O}(C_i \times GP_i)/\acute{O}C_i$ where C_i is the credit assigned for a course and GP_i is the grade point for that course. Summation is done for all courses registered by the student in the semester. Here the failed courses are also accounted.

CGPA = $\acute{O}(C_i \times GP_i)/\acute{O}C_i$ where C_i is the credit assigned for a course and GP_i is the grade point for that course. Summation is done for all courses registered by the student during all the semesters for which the CGPA is needed. Here the failed courses are also accounted. CGPA of all courses passed may also be given.

CGPA for the B. Tech programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.

2. Student Activity Points

Activities that a student can engage in and the maximum quantum of points that can be earned from them are listed below.

i) National Level Activities

Code	Name of activity	Max. Activity Points	Minimum Duration
NA1	N SO	70	Two Semesters
NA2	N CC	70	Two Semesters
NA3	N S S	70	Two Semesters

ii)   College Level Activities

CA1	Active Member/Office bearer of Professional Societies (Student Chapters)	30/40	Four Semesters
CA2	Elected Office bearer of Student forums	30	Two semesters
CA3	Member/Captain- College Athletic/ Games teams	20/30	Two Semesters
CA3	Executive Member of Student Clubs	20	Two Semesters
CA4	Volunteer for important College functions	20	Two Semesters
CA5	Committee member/ Organizer of Tech Fest/ Cultural Fest/ Conference	20/30	Two Semesters
CA6	Placed within top three in Paper presentation/debate/ cultural competitions etc	30	
CA7	Placed within top three in State level Sports/Games/	30	

Additional 20 points are given for CA3/CA7 if the achievement is at the national level.

iii)   Entrepreneurship

EA1	Any Creative Project execution	40
Ea2	Awards for Projects	60
Ea3	Initiation of Start-ups	60
EA4	Attracted Venture Capital	80
EA5	Filed a Patent	80
EA6	Completed Prototype Development	80

iv) Self Initiatives

SA1	Attend a National Conference	20

SA2	Attend an Int. National Conference	30
SA3	Published/ got an Award for a Technical paper.	30/40
SA4	Organiser of student level Technical Conf/Competition	30
SA5	Foreign language skills	50
SA6	Online courses taken& completed	50