

# **ORDINANCES AND REGULATIONS**

**For**

**Bachelor of Technology (B.Tech.)  
and  
Bachelor of Architecture (B.Arch.)**

**Programmes**

**(Applicable to 2019 Admission Onwards)**

**(Approved by 71<sup>st</sup> meeting of the Senate held on 16<sup>th</sup> July 2019)**



**NATIONAL INSTITUTE OF TECHNOLOGY CALICUT  
NIT Campus (P.O), Kozhikode, Kerala-673601**

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## **ORDINANCES**

- O.1 Eligibility for admission, admission policy and procedure shall be decided from time to time by the Senate/Board of Governors (BoG) of National Institute of Technology Calicut (Institute), following the guidelines issued by the Ministry of Human Resource Development (MHRD), Government of India.
- O.2 NIT Calicut offers regular full-time B. Tech. and B.Arch. Programmes. The duration of the B. Tech. programme shall be 4 years (8 semesters). The duration of the B. Arch. programme shall be 5 years (10 semesters). Every academic year consists of two semesters-Monsoon Semester (July-August to November-December) and Winter Semester (December-January to April-May).
- O.3 Award of B. Tech. and B. Arch. degree shall be in accordance with the regulations of the Senate of the Institute.
- O.4 The Senate/BoG of the Institute has the right to modify any regulations stated from time to time.

## **REGULATIONS**

### **R.1 Admission**

- R.1.1 Admission to the B.Tech.and B.Arch. programmes of the National Institute of Technology Calicut will be in accordance with the instructions received from the MHRD, Government of India from time to time.The number of seats in each branch of the B.Tech. programme and B.Arch.programme will be decided by the Senate/BoG of the Institute following the instructions from MHRD, Government of India. Reservation of seats to various categories shall be as per the directives from MHRD, Government of India, from time to time. A limited number of seats may be offered to Foreign Nationals and Indians living abroad, in accordance with the rules and procedures issued by the MHRD from time to time.
- R.1.2 Eligibility for admission shall be as per the criteria issued by the admission authority entrusted by the MHRD, Government of India, from time to time.
- R.1.3 Candidates have to fulfill the medical standards required for admission as set out in the Information Brochure of the Institute or by any other body or organization entrusted by MHRD/the Institute.
- R.1.4 The selected candidates shall be admitted to the B.Tech. or B.Arch. programme after he/she fulfills all the admission requirements set by the Institute after payment of the prescribed fees.
- R.1.5 In all matters related to admission to the B.Tech. or B.Arch. programme, the decision by the Institute or by any other body/organization entrusted by MHRD/ the Institute and its interpretation given by the Chairman of the Senate shall be final and binding.
- R.1.6 If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the Institute or any other body or organization entrusted for the admission by MHRD/the Institute, the Dean (Academic) may revoke the admission of the candidate and report the matter to the Senate.
- R.1.7 The fee structure is as decided by the BoG following the directives of MHRD, Government of India, from time to time.

### **R.2 Structure of the B.Tech.and B.Arch. Programmes**

- R.2.1 The programme shall consist of the following:
- i) General (common) core courses comprising mathematics, science, humanities and basic engineering;
  - ii) Engineering/Architecture core courses introducing the student to the foundation of engineering in the respective branch or architecture;
  - iii) Elective courses enabling the student to opt and undergo a set of courses of interest to him/her;
  - iv) Professional practice including project, seminar and industrial training and

v) Courses such as Environmental Studies, Physical Education, Value Education and National Service Scheme (termed as OT).

R.2.2 The complete B.Tech. programme will consist of 8 categories: Mathematics, Science, Humanities, Basic Engineering, Professional Core, Departmental Electives, Open Electives and Other Courses, distributed over eight semesters with two semesters per academic year.

The complete B.Arch. programme will consist of 8 categories: Mathematics, Science, Humanities, Basic Engineering, Professional Core (Architecture), Departmental Electives, Open Electives and Other Courses, distributed over ten semesters with two semesters per academic year.

R.2.3 Every branch of the B.Tech. programme and B.Arch. programme shall have a curriculum and syllabi for the courses approved by the Senate. Syllabus for any course can be modified/updated by the respective department with recommendations from Department Consultative Committee (DCC) and approval from Senate. Curriculum revisions, when required, will be proposed by a committee nominated by the Dean (Academic). All revisions shall be recommended by DCC of the concerned departments and approved by the Senate.

R.2.4 The academic programmes of the Institute follow the credit system. The general pattern is:

- (i) One credit for each lecture hour per week per semester (Though one credit is given to one lecture hour per week as per curriculum, minimum two more hours are essentially required to support every contact hour);
- (ii) One (or two) credits for each laboratory practical course of two (or three) hours per week per semester;
- (iii) Two (or three) credits for drawing courses of two lecture plus two (or three) hours of drawing classes per week per semester.
- (iv) Design, seminar, thesis and project courses with appropriate credits.
- (v) Courses with only lectures or lectures clubbed either with practical or drawing or projects etc., and with appropriate credits.

Exact details of the courses and credits will be as per the approved curriculum.

R.2.5 The curriculum of any branch of the B.Tech. programme shall have a total of 160 credits. The curriculum of the B.Arch. programme shall have a total of 210 credits.

Students shall earn the above minimum total credits and score CGPA of 5.0 or above for their successful completion of the programme to receive the Degree.

R.2.6 Departments have to offer all the core courses prescribed in the curriculum for any semester. Sufficient number of elective courses shall also be offered in line with the curriculum. Number of elective courses and other courses, if any, from the curriculum, to be offered in any semester can be decided by the DCC, based on the requirement/pre-registration data.

- R.2.7 Every course of the B.Tech. programme shall be placed in one of the 8 categories as listed in Table 1.

**Table 1**

<b>Sl. No.</b>	<b>Course Category</b>	<b>Number of Courses</b>	<b>Credits</b>
1.	Mathematics (MA)	4	12
2.	Science (BS)	5	10
3.	Humanities (HL)	3	9
4.	Basic Engineering(BE)	6	15
5.	Professional Core (PC)	27	81
6.	Open Electives (OE)	2	6
7.	Departmental Electives (DE)	7	21
8.	Other Courses (OT)	4	6
	<b>Total</b>	<b>58</b>	<b>160</b>

Minimum credits to be earned for the course completion of B.Tech. Degree programme are **160**(of which 6 credits of course work done (Sl. No. 8 in the above table) under OT are of Pass/Fail category and are not counted towards CGPA calculation).

- R.2.9 Every course of the B.Arch. programme shall be placed in one of the 8 categories as listed in Table 2.

**Table 2**

<b>Sl. No.</b>	<b>Course Category</b>	<b>Number of Courses</b>	<b>Credits</b>
1.	Mathematics (MA)	1	3
2.	Science (BS)	1	2
3.	Humanities (HL)	1	3
4.	Basic Engineering(BE)	3	8
5.	Professional Core (PC)- Architecture (AR)	49	170
6.	Open Electives (OE)	2	6
7.	Departmental Electives (DE)	4	12
8.	Other Courses (OT)	4	6
	<b>Total</b>	<b>65</b>	<b>210</b>

Minimum credits to be earned for the course completion of B.Arch. Degree programme are **210** (of which 6 credits of course work done (Sl. No.8 in the above table) under OT are of Pass/Fail category and are not counted towards CGPA calculation).

- R.2.10 Courses in the first and second semesters are normally referred as first level courses. In a similar manner, there are second, third, fourth and fifth level courses (fifth level is only for B. Arch. programme) for higher semesters.
- R. 2.11 A student who has earned the minimum number of credits and minimum CGPA (5.0) required for the award of the degree including the minimum credits prescribed for each category shall not be permitted to register for more courses to improve his/her CGPA.
- R.2.12 The medium of instruction is English. All examinations, project/seminar reports, presentations and communications will be in English only.

### R.3 **Faculty Advisor**

- R.3.1 To help the students in planning their courses of study and for getting general advice on the academic programme, the concerned department will assign a certain number of students to a permanent faculty member who will be called their 'Faculty Advisor (FA)'. One faculty advisor will act as the coordinating faculty advisor when more than one faculty advisors are assigned for a class of students.

Students shall first approach their faculty advisor for all kinds of academic advices, course registrations, leave and all academic/study related matters in the Institute. Whenever required, he/she shall provide necessary advice to the students. FA shall make appropriate recommendations or remarks on the applications submitted by the students before forwarding to HoD/other concerned officials.

Faculty advisor will keep the complete record of academics, attendance /leave, disciplinary actions if any, contact details of parents/local guardians if any and any other relevant data of the students assigned to him/her.

If the performance of the students is found poor in class tests or if the student is not regular in the class as informed by the course faculty in the class committee, FA shall give necessary motivation/advice or warning to the concerned students. If the student still does not show any improvement, matter shall be reported to HoD. Information about the progress/performance may be intimated to their local guardian/parents by the HoD/FA.

Local guardian/parents shall be informed to maintain contact with the FA of his/her ward for seeking information on performance of their ward.

#### **R.4 Class Committee**

R.4.1 Every class of the B. Tech. programme and B. Arch. programme shall have a Class Committee consisting of all course faculty and students' representatives to coordinate the academic activities.

For B. Arch and every B. Tech. programme, semester wise, programme wise Class Committee shall be constituted by the respective Head of Department (HoD).

R.4.2 The class committee meetings for the First year B.Tech batches shall be conducted as follows.

i) Minimum two class committee meetings shall be conducted in the concerned Departments, with members as Course Faculty, Faculty Advisors and Student Representatives, with the respective Head of the Department as Chairperson.

ii) In case of batches having students from multiple programmes, the First Year B. Tech Coordinator shall be the Chairperson of the class committee for the department level meeting/s.

iii) In the first meeting of the class committee conducted at the Department, the course plan / method of evaluation / assessment will be presented by the concerned course faculty. This meeting should be conducted within two weeks from the beginning of the semester. All such records shall be filed and kept by the Chairperson of the Class Committee. The Second meeting of the class committee at the Department shall be conducted mainly for the analysis of the performance of the students in the midterm test. Minutes of these department level class committee meetings shall be forwarded to the First Year B.Tech. Coordinator.

iv) In addition to the above department level class committee meetings, the First Year Coordinator shall convene meetings of all Course Coordinators and faculty advisors, for the analysis of midterm test results and finalisation of grades.

R.4.3 The constitution of class committees for all semesters of B.Arch. and third and higher semesters of B. Tech. programme is as follows:

i) One professor or a senior faculty of the department, not engaging the concerned class to be nominated by the respective HoD to act as the Chairperson,

ii) Course faculty or Course coordinator (one faculty member selected from the faculty members offering the same course to different batches) of each of the lecture based courses,

iii) Course faculty or Course coordinator (one faculty member selected from the faculty members offering the same course to different batches) of the practical/laboratory/drawing/seminar/project courses,

iv) Two students of the class/batch nominated by the FA/HoD,

v) Faculty Advisors of all the students in the concerned class.



The Chairperson of the class committee may co-opt any course faculty of the concerned class as a member in addition to the course coordinator.

- R.4.4 Term of the Class Committee shall be one semester. The Committee shall meet at least thrice during the semester.

The Director and Dean (Academic) or his/her nominee or HoD shall have the right to be present in any class committee meetings. The Chairman of the committee shall record the proceedings of each meeting and communicate a copy of each meeting to the concerned HoD for any further actions.

- R.4.5 The responsibilities of the Class Committee include the following:

- i) Finalise the evaluation/assessment/course plan submitted by the course faculty
- ii) Review periodically the progress of the classes, attendance of the students,
- iii) Identify students with poor performance in the tests and low attendance. List of such students shall be reported to FA. These students shall be motivated or given necessary advice/warning through FA/HoD.
- iv) Discuss problems concerning conduct of the classes with reference to the curriculum and syllabi and make suitable suggestions and recommendations. These points shall be communicated to Dean (Academic).
- (vi) Finalization of the semester results (without the student members). Final results will be submitted to the HoD in the prescribed format for publishing in the web/notice board, with a copy given to the FA.

The method of evaluation/assessment/course plan will be decided by the concerned course faculty/course coordinator and will be announced in the class in the beginning of the semester. These details will be presented/discussed in the first class committee (to be conducted within two weeks from the beginning of the semester) by the course faculty and modifications if any, based on the discussions shall be made. All such records shall be filed and kept by the Chairperson of the class committee.

## **R.5 Change of Branch—only for B. Tech. Programme**

- R.5.1 As an incentive for excellent academic performance in the first two semesters, a limited number of students shall be allowed transfer to the branches of their choice.

- R.5.2 All students who have successfully completed the first two semesters of the courses in the first attempt with CGPA of not less than 9.00 shall be eligible for consideration for change of branch. Eligible students shall apply through the FA on issue of notification.

- R.5.3 Maximum number of inward transfers allowed to a branch is two while the maximum number of outward transfers from a branch is also two, as per R.5.2 above.

- R.5.4 Pass or fail in OT courses will not be considered for change of branch.

R.5.5 Final list of candidates with permitted branch changes will be published by the academic section with copies to the Department/FA.

R.5.5 Rules for change of branch are subject to revision from time to time and the decision of the Senate shall be final and binding.

## **R.6 Registration and Enrolment**

R.6.1 Except for the first semester, registration and enrolment shall be done at the beginning of the semester as per the schedule and procedure announced by the academic section.

A student shall be eligible for enrolment only if he/she completely satisfies the minimum requirement to continue the programme as per regulation R.8 and shall be permitted to enroll only if (i) he/she has cleared all the dues in the Institute, hostel & library up to the end of the previous semester and (ii) he/she is not debarred from enrolment by a disciplinary action of the Institute, (iii) he/she has paid all the tuition fees and all other relevant fees, if any, prescribed by the Institute.

Students shall complete formalities like teaching evaluation of the courses registered in the previous semester, per-registration etc., if any, as notified by the academic section before the registration into the next semester.

Registration for the first semester is automatic for all the students admitted and for the second semester, registration will be as per the procedure announced by the academic section.

Students shall submit the course registration form and acknowledgement receipt to the Faculty Advisor.

R.6.2 Student has to ensure that his/her name is included in the list of registered students with each course faculty at the beginning of the semester on the first instructional day itself. If not, he/she has to contact FA.

R.6.3 Course adjustment by adding/dropping course(s) to/from the initial registration is permitted on valid reasons, within three weeks of the commencement of the semester *or as mentioned in the academic calendar, whichever is earlier*, with the written approval of his/her Faculty Advisor and HoD

However, the student should ensure that the total number of credits registered for in any semester should satisfy the maximum and minimum credits limits as per R.7.1 and also should enable him/her to earn the minimum number of credits per semester as per R.8.

Courses dropped will have to be registered when they are offered next, if they belong to the list of core courses which are compulsory.

R.6.4 Students can register for 2 (two) courses from a pool of Open Electives. Open Electives of a department are the elective courses offered by the same department

or the core or elective courses offered by other departments of the Institute at the UG level, which are announced in every semester as Open Electives.

- R.6.5 A B. Tech./B. Arch. student may be allowed to register for an elective course from the PG curriculum during the final year based on the advice from the FA and permission from the course faculty, provided his/her CGPA upto the semester is 7.5 or above.

## **R.7 Registration Requirement**

- R.7.1 Maximum credits that can be registered by a B.Tech./B.Arch. student of any semester is the normal credits of the concerned semester (as per the approved curriculum) plus the credits of one more course.  
However, for students who are only repeating the failed courses/crediting the dropped courses, the maximum credits that can be registered is 24.

Minimum credits to be registered by a B.Tech./B. Arch. student of any semester is 14, except in the 8<sup>th</sup> semester of B.Tech. and 7<sup>th</sup> semester of B.Arch. However, for students who are repeating only the failed courses/crediting the dropped courses who have lesser number of credits to be earned for the successful completion of the programme, there is no such minimum limit.

- R.7.2 Registration for higher semester courses is permissible only after registering for all the core courses from lower semesters that are being offered at the time, subject to the maximum number of credits permitted. During the registration, preference shall be given to such courses that the credit requirements of lower semesters will be met. Courses with prerequisites indicated in the curriculum/syllabus can be registered only after satisfying the prerequisites.

## **R.8 Minimum Requirement to Continue the Programme**

- R.8.1 A student admitted to B Tech/B Arch programme in the first semester can continue up to 8<sup>th</sup>/10<sup>th</sup> semester, in the ascending order, subject to the conditions that he/she shall become eligible for registration to (i) 3<sup>rd</sup> semester, only on earning 15 credits, (ii) 5<sup>th</sup> semester, only on earning 40 credits, (iii) 7<sup>th</sup> semester, only on crediting all 1<sup>st</sup> level courses and earning 65/70 credits as per the relevant curriculum and (iv) 9<sup>th</sup> semester, only on crediting all 1<sup>st</sup> and 2<sup>nd</sup> level courses and earning 90 credits for B Arch as per the relevant curriculum. When a student fails to satisfy the above mentioned stipulations at any stage, he/she has to discontinue the programme and leave the Institute.

The credit requirements mentioned above do not include OT courses, which are Pass/Fail courses and are not considered for CGPA calculation.

## **R.9 Maximum Duration of the Programme**

- R.9.1 The normal duration of the B. Tech. programme is Eight semesters (Four years). However, a student may complete the programme at a slower pace by taking more time, but in any case not more than Sixteen semesters (Eight years) excluding the semesters withdrawn (temporary discontinuation as per R.10 on medical reasons).

However, the students have to satisfy R.8, failing which shall lead to the formalities related to the cancellation of registration.

- R.9.2 The normal duration of the B.Arch. programme is Ten semesters (Five years). However a student may complete the programme at a slower pace by taking more time, but in any case not more than Twenty semesters (Ten years) excluding the semesters withdrawn (temporary discontinuation as per R.10 on medical reasons). However, the students have to satisfy R.8, failing which shall lead to the formalities related to the cancellation of registration

## **R.10 Temporary Discontinuation**

- R.10.1 A student may be permitted by the Dean (Academic) to discontinue temporarily from the programme for a semester or a longer period for reasons of ill health or other medical reasons, based on the recommendation from FA and HoD.

For break of study due to illness, student should submit all necessary medical reports together with the Medical Certificate from the doctor treating him/her giving definite reasons for break of study and its duration. The Medical Certificate should be duly endorsed by the Institute Medical Officer. Before joining back, the student should submit the fitness certificate from the doctor who treated him/her, with endorsement from the Institute Medical Officer.

- R.10.2 B. Tech./B. Arch. students desirous of initiating a start-up venture or developing a new product during the course of the programme can apply for temporary discontinuation of the programme. Such students will have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the Dean (Academic) with recommendation from the FA/HoD and DCC. The Dean (Academic) shall evaluate the proposal by constituting an expert committee and take an appropriate decision based on the committee's recommendation. The students shall give a comprehensive presentation about their project proposal in front of the expert committee constituted by the Dean (Academic).

Normally, a student shall be permitted to discontinue from the programme only for a maximum duration of two semesters, continuous or with break.

- R.10.3 In case of change in the curriculum/syllabus, a student has to register for the approved equivalent courses (meeting the same credits) as per the revised curriculum/syllabus in line with the advice of FA, whenever he/she is allowed to continue the programme after the period of discontinuation.

## **R.11 Discipline**

- R.11.1 Every student is required to observe discipline and decorous behavior both inside and outside the campus and not to indulge in any activities, which shall tend to bring down the prestige of the Institute.
- R.11.2 Any act of indiscipline or misbehavior of a student reported to the Dean (Academic) shall be referred to a Discipline & Welfare Committee constituted by the Chairman,

Senate. The Committee shall enquire into the charges and decide suitable punishment, if the charges are substantiated. The Committee will also authorize the Dean (Academic) to implement the decision.

- R.11.3 The punished students, if any, may appeal to the Chairman, Senate, whose decision shall be final & binding in all respects.
- R.11.4 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 Institute. In all cases of harassment, if any, of the junior students by the seniors, the Institute level Anti-Ragging Committee will take appropriate decisions for immediate implementation by the Institute. 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.

## **R.12 Attendance and Leave**

- R.12.1 Students must attend all the classes for the courses which are registered by him/her without fail. If a student cannot attend any of the classes due to sickness or any compelling reasons judged to be valid by the FA/HoD, same shall be informed to the course faculty and FA in advance, if possible or at the earliest. Student shall submit leave application with recommendations of FA to the HoD in advance, if possible or at the earliest.

If the number of days of absence due to medical reasons, as stated above, does not exceed 10 consecutive days, application for medical leave, supported by medical certificate from a registered medical officer with the endorsement by the Institute Medical Officer, shall reach the HoD with recommendations from FA, within five instructional days after returning from leave or, on or before the last instructional day of the semester, whichever is earlier. Application for Medical Leave will be considered only in cases where the student is not in a position to attend any of the classes during the period mentioned in the Medical Certificate.

Medical Leave for a period of more than 10 consecutive days shall be admissible only in the case of ill-health requiring hospitalization /physical indisposition with inability to move, such that the student is not in a position to attend any of the classes during the period of Medical Leave applied for. In such cases, the application for Medical Leave should be accompanied by appropriate supporting documents (such as Discharge Summary/treatment records), in addition to the medical certificate obtained from a registered medical practitioner. All the supporting documents and medical certificate are to be endorsed by the Institute Medical Officer. The application for Medical Leave, along with the above documents, should be submitted to the Dean (Academic) with recommendation from the FA and HoD. Decision on granting the Medical Leave will be taken by a sub-committee constituted by the Dean (Academic).

The students who are granted Medical Leave for more than 10 days consecutively shall produce Medical Fitness Certificate after returning from leave, for continuing the programme.

If the Medical Leave is granted by the HoD/Dean (Academic), the student has to keep the relevant records (Eg: The leave application with the “Medical Leave Granted” remark by the HoD/Dean-Academic) with him/her for the purpose of producing at the time of applying for condonation of shortage of attendance, if such a situation arises in due course, as mentioned in R.12.6.

In any case, the total number of days of leave (all the leaves put together) in a semester should not exceed 50% of the total instructional days in the semester.

Every member of the faculty handling a class shall record attendance on all hours of instruction. The course faculty of the course is required to finalise the attendance on the last instructional day of the course in the semester.

- R.12.2 The percentage of attendance calculated on the last instructional day shall be indicated by a letter code as given below and shall be reported to the class committee.

**Attendance Code**

90% and above: H

80% and above but less than 90%: N

Less than 80%: L

The percentage of attendance shall be calculated for the classes conducted from the date of commencement of the classes in the semester as per the academic calendar. This is applicable in the case of late registrations also. In case of late admission of first semester students, it may be counted from the date of his/her admission.

- R.12.3 A student whose attendance is less than 80% for a course (L grade) is not eligible to appear for the end semester examination for that course, if he/she has not been sanctioned condonation of shortage of attendance as per R.12.6.
- R.12.4 The details of all students who have attendance less than 80% in a course (L grade) shall be announced by the course faculty on the last instructional day in the class. These details shall be sent to the concerned FA/HoDs.
- R.12.5 Those students having overall attendance of less than 80% (L grade) but having 80% or more attendance for the period other than their Medical Leave, as stated in R.12.1, may be considered for condonation of shortage of attendance subject to the following conditions:
- (i) The overall attendance in the course including the period of illness should not fall below 50%.
  - (ii) Medical Leave should have been granted by the competent authority, in response to the application for Medical Leave submitted within the stipulated time (within five instructional days after returning from leave or, on or before the last instructional day of the semester, whichever is earlier), as stated in R.12.1.

Application for condonation recommended by the Faculty Advisor and concerned faculty is to be submitted to the HoD on or before the last instructional day of the

semester/or on a date indicated by the department. The application for condonation should be accompanied by the proof of approval of the Medical Leave by the competent authority, obtained within the stipulated time (as stated in R.12.1). The HoD, depending on the merit of the case, may permit the student to appear for the end semester examination. List of such students permitted to appear for the end semester examination will be published in the department. The details of approval of condonation will be intimated to FA, Course Faculty, Faculty in charge of Examinations, Chairman of the Class committee and Dean (Academic). All the related records shall be kept with concerned FA in the department. **A student shall be eligible for this concession at most in two semesters during the entire duration of the degree programme.**

R.12.6 Students are expected to attend all the classes of theory and practical/drawing/seminar courses. As an incentive to those students who participate in extra-curricular activities such as Tathva and Ragam/Cultural events inside or outside institute and those who represent the Institute in sports & games, cultural/technical events or festivals outside the Institute, a relaxation of up to 5% attendance shall be given, subject to the condition that these students get prior approval from the following officials:

1. Tathva: Faculty Convener, Tathva
2. Ragam/Cultural events or festivals inside/outside the Institute): Faculty Convener, Ragam/Dean (Students Welfare)
3. Presenting Technical Papers/Attending Technical Conferences/Workshops: Faculty Advisor/HoD concerned
4. Sports & Games (inside or outside the Institute: Faculty in charge of the concerned event (Faculty in charge of Physical Education)

All students participating in extra-curricular activities (mentioned above) are advised to get approval for their duty period from the concerned officials, prior to the programme or event. Students participating/attending in the above are advised to collect the duty/attendance certificates (if any) from the above appropriate authority immediately after the activity/programme.

Students who have enrolled to Training and Placement (T & P) for placement / internship related activities are eligible for duty leave upto a maximum of ten days per semester, subject to the actual absence from class for these activities. The attendance details on day / company basis shall be provided by the Department of T & P, to the concerned departments to verify the claims from the students.

The students who wish to apply for condonation due to loss of class by participating in extra-curricular activities are required to fill up the necessary form and get it signed by the above appropriate authority. All such applications recommended by the concerned FA shall be submitted to HoD on or before the last day for the application for condonation in the semester as per the academic calendar or on a date indicated by the Department for the same, whichever is later. The HoD, depending on the merit of the case may permit the student to appear for the end semester examination. List of such students permitted to appear for the end semester examination will be published in the department (by HoD) with details to FA, Course Faculty, Faculty in charge of Examinations and Chairperson of the Class committee.

All the records shall be kept with FA in the department.

Those students who have attendance less than 50% in any course are not eligible for condonation on any grounds and hence not eligible for appearing for the end semester examination of the course.

### **R.13 Assessment Procedure**

- R.13.1 The Senate shall decide the assessment procedure from time to time. It shall be based on the system of tests/assignments/tutorials/presentations/course projects/reports etc. and end semester examinations in each course in each semester.

### **R.14 System of Tests/Assignments/Tutorials**

- R.14.1 Minimum one mid-term test (of 90 minutes duration) is mandatory for lecture based courses and for courses where lectures are clubbed either with practical or drawing or projects etc. Number of assignments/tutorials/presentations/quizzes/course projects/reports etc. shall be decided by the course faculty.

The details of weightage of marks for the mid-term test and other items like assignments tutorials/presentations/quizzes/course projects/reports shall be decided by the course faculty as per the following guidelines:

Mid-term Test: 20% - 40%

Assignments/Tutorials/Presentations/Quizzes/Course projects etc: 10 % - 30%

End Semester Examination : 40% - 50%

This will be announced in the class at the beginning of the semester and will be presented in the Class Committee and modifications, if any, based on the discussions shall be made by the course faculty.

For laboratory/practical/drawing courses, the method of assessment shall be based on tests and the performance of students in the regular laboratory/practical/drawing classes and will be decided by the course faculty. This will be announced in the class at the beginning of the semester and will be presented in the Class Committee and modifications if any based on the discussions shall be made by the course faculty. All such records shall be filed and kept by the Chairperson of the Class Committee.

### **R.15 End Semester Examination**

- R.15.1 There shall be an end-semester examination of minimum three hours duration for each lecture based course and for each course where lectures are clubbed either with practical or drawing or projects etc. For laboratory/practical/drawing courses, end semester examination is not mandatory.
- R.15.2 End semester examination of Architectural Design courses will be conducted by a panel of examiners (Course Faculty as the Internal Examiner and Expert(s) within the Institute/outside the Institute as External Examiners) constituted by the HoD.



## **R.16 Weights**

For all lecture based courses and for all courses where lectures are clubbed either with practical or drawing or projects etc., the end semester examination shall carry appropriate weight (normally between 40-50%) as per the curriculum. The remaining weight is for the other components like test/assignments/tutorials/course projects etc. For courses where lectures clubbed either with practical or drawing or projects etc. assessment procedure shall be a properly weighted combination of those for lectures and those for practical or drawing or project components etc., and shall be decided by the course faculty in consultation with the class committee.

If end semester examination is planned for a laboratory/practical/drawing course, it shall be conducted before the last instructional day and the weightage for it should not exceed 40%.

For courses on physical education, value education and NSS, the concerned instructors, in consultation with the Dean (Academic) shall decide the assessment procedure.

## **R.17 Make-up Examination**

R.17.1 Students who miss the mid-term test or end-semester examination due to ill-health requiring hospitalization /physical indisposition with inability to move or any other compelling reason judged to be valid by the FA/HoD, are eligible for a make-up examination.

R.17.2 Those who miss test or end semester examinations shall apply to the concerned HoD through FA within five instructional/working days after the missed test/examination or before the prescribed date indicated in the academic calendar whichever is earlier, giving the reasons/proofs for the absence. Applications received after this period will not be entertained. Students residing in the hostels should produce a medical certificate (as the proof for absence) issued by the Institute Medical Officer certifying that he/she was admitted to hospital during the period of examination or he/she was not in a condition to write the examination. Requirement of hospitalized treatment is not applicable in the case of contagious disease like chicken pox.

Students residing outside the campus must produce a medical certificate (as the proof for absence) from a Registered Medical Practitioner certifying that he/she was admitted to hospital during the period of examination or he/she was not in a condition to write the examination, and the same should be duly endorsed by parent/guardian of the student and also by the Institute Medical Officer.

All applications for make-up examinations when approved by the concerned HoD shall be given to FA and the Class Committee Chairperson. The FA shall inform the same to the course faculty concerned. The list of students permitted to appear for the make-up examinations of mid-term test and end-semester examination shall be published in the department.

The list of students permitted to appear for the make-up examinations of mid-term test and end-semester examination of first year B.Tech courses shall be published by the First Year B.Tech coordinator.

R.17.3 Make-up examination for Mid-term test and End semester examination shall be conducted by the course faculty concerned during appropriate slots as per the schedule published in the academic calendar. Record of the corrected marks shall be kept by the concerned faculty, with appropriate entries in the institute DSS. The same shall be informed to the FA and the Class Committee Chairperson.

R.17.4 A student who misses the make-up examination will not normally be given another make-up examination. However, in exceptional cases of prolonged illness resulting in the student missing a make-up examination, Dean (Academic) as the nominee of the Chairman of the Senate, may permit the student to appear for a second make-up examination based on the request from the student (enclosing proof for the reasons for missing the make-up) with appropriate recommendations of the FA/HoD.

### **R.18 Evaluation of Project/Thesis and Seminar**

R.18.1 Project/Thesis work in the curriculum can be done individually or by a group of students as decided by the Department. The Project work in the seventh semester/ninth semester is pre-requisite of the Project work in the eighth semester/tenth semester as the project work in the latter semester is continuation of the former one. The project work will be assessed by a panel of examiners (within the Department/within the Institute/experts from outside the Institute) decided by the HoD. Method of assessment/evaluation will be decided by the panel of examiners and will be announced in the class committee.

If outside experts are invited for evaluation, it shall be with the approval of the Dean (academic).

Seminar (s) as per the curriculum shall be presented by individual student. This will be assessed by a panel of examiners within the department decided by the HoD. Method of assessment/evaluation will be decided by the panel of examiners and will be announced in the class committee.

R.18.2 On completion of the project/thesis, the student shall submit a report in the prescribed format to the department. Number of copies and the format will be as per the department guidelines. Soft copy of the report shall be submitted to the Institute Digital Library.

After the successful presentation of the seminar, the student shall submit a report in the prescribed format to the department. Number of copies and the format will be as per the department guidelines.

### **R.19 Method of Grading**

R.19.1 The faculty will return evaluated assignments, tutorials, term papers, test papers etc., in reasonable time after the respective test/examination/submission.

Course Faculty/Coordinators shall publish the total marks for the assessment other than that for the end semester examination, for all students registered for the course by the last instructional day. Any clarification on these marks shall be done by the student with the concerned course faculty before the end semester examination.

- R.19.2 After the valuation of end semester examination, two copies of the results sheets of the respective course containing the marks scored, proposed grade and attendance code shall be submitted by the Course Faculty to the Class Committee Chairperson for conducting the class committee to finalize the grades. This shall include results of all make-up examinations.

A Class Committee without the student members shall be convened on a convenient date before the date of declaration of results as per the approved academic calendar. The letter grades to be awarded to the students for different courses shall be verified and finalized at the meeting. Chairperson of the Class Committee shall submit the final results to the HoD for forwarding to the Dean (Academic).

- R.19.3 Based on the semester performance, each student is awarded a final letter grade in each course. The letter grades and the grade points are as follows:

<b>Grade</b>	<b>Grade points</b>
<b>S</b>	<b>10</b>
<b>A</b>	<b>9</b>
<b>B</b>	<b>8</b>
<b>C</b>	<b>7</b>
<b>D</b>	<b>6</b>
<b>E</b>	<b>5</b>
<b>F</b>	<b>0 (Failure)</b>
<b>W</b>	<b>0 (Failure due to insufficient attendance)</b>
<b>I</b>	<b>0 Incomplete (evaluation not completed and actual grade to be awarded later)</b>

- R.19.4 Grade I (English Alphabetic Letter I) will be awarded by a course faculty for a course to any student when the final evaluation could not be completed before the final class committee due to valid reasons. I-Grade shall be converted to proper grade before the next academic year and the same shall be informed to the academic section by the course faculty through HoD. Concerned FA and Chairperson, Class Committee shall also be informed about the final result. If it could not be finalized before the registration of the next academic year, subsequent registration shall be done only with the permission from the Dean (Academic).
- R.19.5 A student is considered to have credited a course or earned credits in respect of a course if he/she secures a grade other than F, W or I for that course.

## **R.20 Declaration of Results**

- R.20.1 After finalization of the grades in the Class Committee meeting (without the presence of the student representatives), hard and soft copies of consolidated results with marks, final grades and the attendance codes (in a prescribed form, if any, specified by the academic section) shall be forwarded by the Class Committee

Chairperson to the Dean (Academic) through HoD. The consolidated results shall include results of all make-up examinations.

One set of hard copies of consolidated results shall be sent to the concerned HoD and FA by the Class committee Chairperson for their reference and records.

Results (without marks but having the final grades and the attendance codes against Roll number of students without names) will be published in the respective Department Notice Boards and in the Institute website on the time/day as per the academic calendar or as instructed by the Dean (Academic).

## **R.21 Re-examination**

R.21.1 If a student appears for the End Semester Examination and earns 'F' grade in a course in the Monsoon semester or Winter Semester, he/she can appear for a Re-examination (REX) for the course, or repeat the course next time when it is offered. If a student opts for REX, he/she should submit an application in the prescribed format to the concerned HoD within five days after publication of the results of the respective semester by paying a fee of Rs. 1000/- per course. The REX will be conducted by the course faculty for the End Semester Component (40-50%) only [while the marks of the continuous evaluation component will be retained]. This examination will be conducted within 10 days of the results publication of the semester. The makeup examination for eligible students (if any) will also be conducted along with the REX. The student will be awarded a grade as per the grading criteria followed for the course during the semester. The result will be published within five days from the conduct of the REX and will be communicated to the Academic Section.

R.21.2 In case, a student gets F grade again in REX, he/she can appear for SAY (Save A Year) examination, or repeat the course next time when it is offered. If the student opts for SAY, he/she should submit an application in the prescribed format to the concerned HoD within five days after publication of the result of REX, by paying a fee of Rs. 2000/- per course. The course faculty concerned will mentor the student to prepare for the SAY examination. The SAY examination will be conducted by the course faculty for the End Semester Component (40-50%) only [while the marks of the continuous evaluation component will be retained]. In the SAY examination, the student will be awarded ONLY E/F grade. The results of SAY examination will be communicated to Academic Section, within ten days after the last day of SAY examination.

SAY examination for the courses in Monsoon Semester can be conducted either in the following Winter Semester or during the summer vacation.

R.21.3 In the case of Winter Semester, the same procedure for REX/SAY examination will be followed. However, SAY examination can be conducted towards the end of the summer vacation and before the date of late registration for the next Monsoon Semester, so that the student will not lose a year/semester.

R.21.4 In case, a student gets an F grade again, the student will have to repeat the course (if eligible to do so) or discontinue the programme, as per the clause R.8.1.

R.21.5 Separate Grade Cards will be issued for REX and SAY examinations. If a student gets 'F' grade in a course in any of the attempts (including REX and SAY), the same will be highlighted with a "\*" mark in the respective Grade Cards, as well as, in the final Transcript.

## **R.22 Re-evaluation of Answer Sheets & Repetition of a Course**

R.22.1 Re-examination of answer sheets prior to re-evaluation

- a In case any student needs clarification on his/her grade or wishes his/her answer sheets of end semester examinations of any lecture based courses (other than projects, laboratory, design, thesis, drawing and seminars) to be re-examined, he/she can contact the course faculty concerned within five working days after the commencement of the immediately succeeding semester or within five working days on publication of results, whichever is later. The student shall have access to his/her answer paper(s) in the end semester examination which may be shown to him/her by the faculty concerned. If the faculty feels that the case is genuine, he/she may reexamine the case and forward a revised grade, if any, to the Dean (Academic) through the Chairperson of the Class Committee with proper justification for the revision on intimation to the concerned FA/HoD.
- b If the student genuinely feels that he/she has grievance which is not yet sorted out with the course faculty, he/she may represent the matter to the concerned HoD (Head of the Department to which the course faculty concerned belongs) through his/her FA/HoD (Head of the Department to which the student belongs) within five working days on publication of results or within five instructional days after the commencement of the immediately succeeding semester, whichever is later. The HoD shall examine the case, take suitable decision and communicate the same to the student in writing. (If the concerned faculty is the HoD, then HoD may refer the matter to one of the senior faculty members of the department). Revised result, if any, shall be sent to the Dean (Academic) through the Chairperson of the Class Committee with proper justification for the revision on intimation to the concerned FA/HoD.

R.22.2 Re-evaluation of answer sheets

If the student is not satisfied with the decision of the HoD, he/she may appeal to the Dean (Academic) (through FA & HoD) within ten working days on receipt of the communication from the HoD, for the re-evaluation of the answer papers. The student has to make necessary payment for the re-evaluation and attach receipt along with application. Dean (Academic) may arrange for the re-evaluation of the answer papers in deserving cases by another faculty (from a panel of minimum 2 examiners proposed by the HoD) within the Institute. Once the re-evaluation of answer sheets is completed, the result will be intimated by the faculty who re-examined the answer sheets to Dean (Academic) through the HoD. For all such cases, the results obtained for the re-evaluation will replace the earlier results, only if the difference is more than 5% of the maximum marks.

- a Requests received from the student within the stipulated time limits only shall be entertained.
- b The decision of the Chairman, Senate will be final & binding for all the clauses above.

R.22.3 Repetition of a Course

- a A student who was awarded W grade in a core course has to repeat it compulsorily. Students with 'F' grade in any lecture-based course(s) can appear for the REX/SAY examination for clearing such course(s), subject to the conditions stipulated in Regulation R.21. If a student is not interested to appear for the REX/SAY examination or he/she fails in the REX/SAY examination also, he/she has to repeat the course.

If the same course (same code/title/credit) is not available due to the change in the curriculum, then the student shall register for the approved equivalent course(s) (meeting the same credits) of the new curriculum as per the advice of FA.

If the course is an elective course, the student may repeat the same course if he/she so desires or register for a new elective course based on the advice from FA.

- b Students repeating courses with F and/or W grade have to register for the same as per the guidelines of academic section and attend all the classes for the courses registered like regular students and attendance shall be mandatory. Number of courses to be registered in any of the semesters shall be decided in consultation with FA.

The students who got F or W Grade in any course in the first semester are not allowed to repeat the same course in the immediately succeeding second semester, along with the regular second semester courses.

**R.23 Grade Point Average**

- R.23.1 The academic performance of a student in a semester is indicated by the Semester Grade Point Average (SGPA).

$$SGPA = \frac{\sum(C*GP)}{\sum C}$$

where the summation is taken over all the courses registered for by the student in the semester, except Pass/Fail courses and C indicates the number of credits for the course and GP is the grade point scored by the student for the course.

The performance of a student up to and including a particular semester is indicated by the earned credits and the Cumulative Grade Point Average (CGPA).

$$CGPA = \frac{\sum(C*GP)}{\sum C}$$

where the summation is taken for all the courses registered for by the student except Pass/Fail courses, up to and including the recently completed semester.

## **R.24 Grade Card**

R.24.1 The semester wise Grade Cards will be issued to each student through FA by the academic section normally within a month from the completion of finalization of the results and shall contain the following details:

- a) code, title, credit and category of each course registered in the semester,
- b) letter grade obtained,
- c) \* indication for subjects with more than one appearance,
- d) attendance code,
- e) total number of credits earned by the student up to the end of that semester in each category and grand total, and
- f) SGPA & CGPA.

R.24.2 Class/Division

Classification is based on CGPA and is as follows:

CGPA 8 and above: **First Class with Distinction**

CGPA 6.5 and above, but less than 8: **First Class**

CGPA 5 and above, but less than 6.5: **Second Class**

R.24.3 The CGPA can be converted to percentage of marks as follows:

$$(\text{CGPA} - 0.5) \times 10 = \text{Percentage of marks.}$$

## **R.25 Slow-pace Learning**

R.25.1 Courses to be registered in each semester are specified in the curriculum. However, a student may register for a lesser number of credits than specified in the curriculum subject to satisfying R.7 and R.8, if he/she feels an overload with the courses in the semester, in line with the advice of FA.

## **R.26 Permanent Disqualification**

R.26.1 As per R.8, if any student does not qualify to register for the higher semester, he/she is not eligible to continue the programme in the Institute and has to discontinue the programme.

All such candidates stand disqualified permanently for the B.Tech. or B.Arch. Degree of the Institute. FA/HoD shall inform the parents/guardians of such students immediately on declaration of results of the previous semester, about the status of their ward.

R.26.2 If a student neither gets permission for temporary discontinuation (see R.10) nor registers for courses for the minimum credits (see R.7) during any semester, before earning the minimum credit requirements for the award of the degree as per the approved curriculum, then he/she is deemed to have discontinued the programme permanently and shall not be permitted to continue the programme.

## **R.27 Courses under OT Category**

- R.27.1 Courses on Environmental Studies, Physical Education, Value Education and National Service Scheme are to be credited compulsorily during the programme. These courses belong to Pass/Fail category and are not included in the computation of SGPA/CGPA.

## **R.28 Transfer of Credits**

- R.28.1 Within the broad frame work of these regulations, the Senate, on the recommendation of the concerned DCC and Board of Academic Council (BoAC) may permit students to earn part of the credit requirements in other approved Institutes of repute and status in the country or abroad. The Senate may, in other exceptional cases, approve admission with advance credit of candidates earned from other approved Institutes of repute and status in the country or abroad, recommended by the DCC and BoAC

## **R.29 Eligibility for the Award of B.Tech./B.Arch. Degree**

- R.29.1a A student shall be declared to be eligible for the award of the B. Tech. Degree if he/she has
- i) registered and successfully credited all the core courses of B. Tech.,
  - ii) successfully acquired the credits in the different categories, as specified in the approved curriculum of B. Tech. corresponding to the discipline (branch) of his/her study within the stipulated time;
  - iii) earned a CGPA score of 5.0 or above.
  - iv) completed the normal duration of the programme for B. Tech.,
  - v) no dues to any departments/sections of the Institute including hostels, and
  - vi) no disciplinary action pending against him/her.
- R.29.1b A student shall be declared to be eligible for the award of the B. Arch Degree if he/she has
- i) registered and successfully credited all the core courses of B. Arch;
  - ii) successfully acquired the credits in the different categories, as specified in the approved curriculum of B. Arch within the stipulated time;
  - iii) earned a CGPA score of 5.0 or above.
  - iv) completed the normal duration of the programme for B.Arch.,
  - v) no dues to any departments/sections of the Institute including hostels, and
  - vi) no disciplinary action pending against him/her.
- R.29.1c Students who completed the programme and are eligible for the award of the Degree can get following documents on application from the academic section within two weeks of declaration of results:

Transfer certificate, Migration certificate, Provisional degree certificates, Course completion certificate and consolidated grade card.

Degree certificate will be issued during convocation as per the notifications issued by the Institute. The degree certificate shall be sent by registered post to the



graduands who have paid the fee for degree certificate and unable to attend the convocation.

R.29.2 The award of the degree shall be recommended by the Senate and approved by the Board of Governors of the Institute.

**R.30 Power to Modify**

R.30.1 Notwithstanding all that has been stated above, the Senate has the right to modify any of the above regulations from time to time.

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