

ORDINANCES
AND
REGULATIONS
for
Bachelor of Technology (B.Tech.)
And
Bachelor of Architecture (B.Arch.)
Programmes

(Applicable for 2012 Admission Onwards)

(Updated upto 39th Senate: 30th Oct 2012)



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

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ORDINANCES

- 0.1. Eligibility for admission, admission policy and procedure shall be decided from time to time by the Senate/Board of Governors (BOG) of the Institute, following the guidelines issued by MHRD, Government of India.
- 0.2. The duration of the B.Tech. programme shall be 4 years (2 semesters per year). The duration of the B.Arch. programme shall be 5 years (2 semesters per year).
- 0.3. Award of B.Tech. and B.Arch degree shall be in accordance with the regulations of the Senate of the Institute.
- 0.4. The Senate /BOG of the Institute has the right to modify any regulations stated from time to time.

REGULATIONS

R1. Admission

- R1.1. The number of seats in each branch of the B.Tech. 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 shall be as per the directives from MHRD, Government of India. Few seats may be allotted by MHRD under DASA or any other category.
- R1.2. At the time of admission the candidates shall have passed/appeared and awaiting results of the final examination of the 10+2 system followed by CBSE or its equivalent with Mathematics, Physics and Chemistry as subjects of study.
- R1.3. 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.
- R1.4. 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.
- R1.5. In all matters related to admission to the B.Tech. or B.Arch. programme, the decision of the Institute or by any other body or organization entrusted by MHRD/ the Institute and its interpretation given by the Chairman of the Senate shall be final and binding.
- R1.6. If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by 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 from time to time.

R2. Structure of the B.Tech. and B.Arch. programme

- R2.1. The programme of instruction shall consist of the following:
- i) general (common) core programme comprising basic sciences, engineering sciences, humanities, technical arts and mathematics;
 - ii) engineering /architectural core programme introducing the student to the foundation of engineering in the respective branch or architecture;
 - iii) elective programme 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).

R2.2. The complete B.Tech. programme will consist of 7 categories: humanities & languages, basic sciences, basic engineering sciences, technical arts, professional theory & practice, global/free electives and others, distributed over eight semesters with two semesters per academic year.

The complete B.Arch. programme will consist of 7 categories: humanities & languages, basic sciences, technology & engineering, architecture, professional electives, global/free electives and others, distributed over ten semesters with two semesters per academic year.

R2.3. Every branch of the B.Tech. and B.Arch. programmes 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.

R2.4. 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;
- 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 one 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.

R2.5. The curriculum of any branch of the B.Tech. programme shall have a minimum total of 160 credits. The curriculum of the B.Arch. programme shall have a minimum total of 200 credits. Students shall earn these minimum credits for their successful completion of the programme.

R2.6. No semester shall have more than six lecture-based courses and two laboratory and/or drawing /seminar/project courses as prescribed, in the curriculum (excluding OT).

R2.7. 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.

R2.8. Every course of the B.Tech. programme shall be placed in one of the 7 categories as listed in Table.1

Table 1

SI. No.	Category	Minimum Credits		Remarks
		for CGPA	for Pass/Fail	

Ordinances & Regulations for B Tech & B Arch programmes at NITC

1	Basic Sciences (BS)	20	-	MA→12, PH→4, CY→4
2	Basic Engineering Sciences (ES)	8	-	EM→3, BES →3, CP→2
3	Humanities & Languages (HL)	9	-	PC→3, ECO→3, MGT→3
4	Technical Arts (TA)	7	-	EG→3, W/S→4
5	Professional Theory& Practice(PT) (Core &Electives, Project, Seminar)	104	-	PT
6	Global Electives (GE)	6	-	GE (courses shall be from other Depts.)
7	Other courses (termed as OT) : [Environmental Studies (ES), Physical Education (Ph.E), Value Education (VE), National Service Scheme (NSS)]	-	6	E.S→3, Ph.E.→1, V.E.→1, NSS→1.
Total		154	6	

MA: Mathematics, PH: Physics, CY: Chemistry, EM-Engineering Mechanics, BES-Basic Electrical Science, CP-Computer Programming, PC –Professional communication, EG-Engineering Graphics, W/S- Work shops, ECO-Economics , MGT- Management

Minimum credits to be earned for the award of B.Tech. Degree are **160** (of which 6 credits of course work done (Sl No 7 in the above table) under OT are of Pass/Fail option and are not counted towards CGPA calculation).

R2.9. Every course of the B.Arch. programme shall be placed in one of the 7 categories as listed in Table.2

Table 2

SI. No.	Category	Minimum Credits		Remarks
		for CGPA	for Pass/Fail	
1	Basic Sciences (BS)	3		MA – 3
2	Humanities and Languages (HL)	3		PC – 3
3	Architecture (AR)	132		AR – 132
4	Technology & Engineering (TE)	35		EM – 3; AR – 25; CE – 7
5	Professional Electives (PE)	15		AR/CE - 15
6	Global Electives (GE)	6		GE (courses shall be from other Depts.)
7	Other courses (termed as OT) : [Environmental Studies (ES), Physical Education (Ph.E), Value Education (VE), National Service Scheme (NSS)]		6	E.S→3, Ph.E.→1, V.E.→1, NSS→1.
Total		194	6	

MA: Mathematics, EM-Engineering Mechanics, PC –Professional communication, CE-Civil Engineering

Minimum credits to be earned for the award of B.Arch. Degree are **200** (of which 6 credits of course work done (Sl No 7 in the above table) under OT are of Pass/Fail option and are not counted towards CGPA calculation).

- R2.10 All courses for 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.
- R2.11. A student who has earned the minimum number of credits required for the award of the degree including the minimum prescribed for each category shall not be permitted to register for more courses to improve his CGPA.
- R2.12. The medium of instruction is English. All examinations, project/seminar reports, presentations and communications will be in English only.

R3. Faculty Advisor (FA)

- R3. 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'. 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.

R4. Class Committee

- R4.1. Every class of the B.Tech.and B.Arch. programme shall have a Class Committee consisting of all course faculty and students' representatives to coordinate academic activities.

For the first & second semester of the B.Tech. programme, there shall be a common Class Committee constituted by the Dean (Academic). For B.Arch. programme and every other

class of the B.Tech. programme, semester wise, branch wise Class Committee shall be constituted by the respective Head of Department (HOD).

R4.2. The constitution of the first/second semester class committee (for B.Tech. programme) is as follows:

- i) One professor or a senior faculty member not associated with teaching the first level classes to be nominated by the Dean (Academic) to act as the Chairperson,
- ii) Course faculty or Course coordinator (one faculty member selected from the faculty members offering the courses by them) of each of the lecture based courses,
- iii) Course faculty or faculty coordinator (one faculty member selected from the faculty members offering the courses by them) of the practical/laboratory/drawing courses,
- iv) One student from each batch or branch nominated by the Chairman of the class committee/elected with representation from all streams/batches
- v) Faculty Advisors of all the first/second semester students.

The Chairperson of the first year class committee may co-opt any course faculty of first/second semester as a member in addition to the course coordinator.

R4.3. The constitution of class committees for all semesters of B.Arch. and third or 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 courses by them) of each of the lecture based courses,
- iii) Course faculty or Course/faculty coordinator (one faculty member selected from the faculty members offering the courses by them) 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.

R4.4. 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 HODs for any further actions.

R4.5. The responsibilities of the Class Committees 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).

- v) Any other academic matters related to the concerned class.
- vi) Arrange/coordinate makeup examinations, if any, by the Chairman of the class committee for students in coordination with the examination cell.
- vii) Finalization of the semester results (without the student members). Final results will be submitted to academic section in the prescribed format, published in the web/notice board, copy given to FA and HOD by the Chairman of the class committee.

The method of evaluation/assessment /course plan will be decided by the concerned course faculty / 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 chairman of the class committee.

R5. Change of Branch –only for B.Tech. Progarmme

- R5.1. 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.
- R5.2. All students who have successfully completed the first two semesters of the courses in the first attempt with CGPA of not less than 8.00 shall be eligible for consideration for change of branch. Eligible students shall apply through the FA on issue of notification.
- R5.3. 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 R5.2 above.
- R5.4. If a student with a higher CGPA is not offered a particular branch because of other constraints, this shall not be offered to any other students with a lower CGPA even if he/she is eligible on the basis of existing norms.
- R5.5. Pass or fail in OT courses will not be considered for change of branch.
- R5.6 Final list of candidates with permitted branch changes will be published by the academic section with copies to the Dept./FA.
- R5.6 Rules for change of branch are subject to revision from time to time and the decision of the Senate shall be final and binding.

R6. Registration & Enrolment

- R6.1. Except for the first and second semesters, 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 rule 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, pre-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 duly filled in, in consultation with his/her Faculty Advisor, fee receipt and registration chit or any other forms in the prescribed format with all necessary enclosures, as required and notified by the academic section.

R6.2. 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.

R6.3 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 rule 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 taken when they are offered next, if they belong to the list of core courses which are compulsory.

R 6.4 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 advise from FA and permission from the course faculty, provided his/her CGPA upto the semester is more than 8.0.

R7. Registration Requirement

R7.1. 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 or 4 credits only.

However for students who are only repeating the failed courses (and not registering for any regular courses), the maximum credits that can be registered is 24.

Minimum credits that can be registered by a B.Tech./B. Arch. student of any semester is 15. However for students who are repeating only the failed courses or who have lesser number of credits to be earned for the successful completion of the programme, there is no such minimum limit.

The above details are also given in Table 3.

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 the courses such 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

R8.1.a). All students admitted in first semester can continue to second semester. A student should earn not less than 20 credits in the first level (first and second semester together), at the end of the second semester for the registration to the third semester.

If any student fails to satisfy the above minimum credit requirement to continue the programme, he/she shall be on academic probation for one year, during which he/she is allowed to register for failed courses only to earn /makeup the deficit credits.

At the end of the academic probation period, if any student still does not qualify to register for the third semester, he/she has to discontinue the programme.

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

R.8.1.b) All students registered for third semester courses and admitted in third semester can continue to fourth semester. A student should credit successfully all the first level (first and second semester together) courses and should earn not less than 24 credits in the second level (third and fourth semester together), at the end of the fourth semester for the registration to the fifth semester.

If any student fails to score the above minimum credit requirement to continue the programme, he/she shall be on academic probation for one year, during which he/she is allowed to register for failed courses only to earn /makeup the deficit credits.

At the end of the academic probation period, if any student still does not qualify to register for the fifth semester, he/she has to discontinue the programme.

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

R.8.1.c) All students registered for fifth semester courses and admitted in fifth semester can continue to sixth semester. A student should have completed successfully all the first and second level (first, second, third and fourth semester) courses and should have earned not less than 24 credits in the third level (fifth and sixth semester together), at the end of the sixth semester for the registration to the seventh semester.

If any student fails to score the above minimum credit requirement to continue the programme, i) he/she has to discontinue the programme, if he/she was already undergone two academic probations earlier. OR

(i) he/she shall be put on academic probation for one year, provided he/she was not on academic probation earlier for more than once. During the academic probation period, he/she is allowed to register for failed courses only to earn /makeup the deficit credits.

At the end of the academic probation period, if any student still does not qualify to register for the seventh semester, he/she has to discontinue the programme.

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

R.8.1.d) All students registered for seventh semester courses and admitted in seventh semester can continue to eight semester.

R.8.1.e) In the case of B.Arch. programme; a student should have completed successfully all the first, second and third level (first, second, third, fourth, fifth and sixth semesters) courses and should have earned not less than 24 credits in the fourth level (seventh and eighth

Ordinances & Regulations for B Tech & B Arch programmes at NITC

Semester 6	all sem 1 + sem 2 + 24	All sem 1	All sem 2	24	0							
Semester 7	all sem 1 + sem 2 + sem 3+ sem 4+ 24	All sem 1	All sem 2	All sem 3	All sem 4	24						
Semester 8	all sem 1 + sem 2 +sem 3+ sem 4+ 24	All sem 1	All sem 2	All sem 3	All sem 4	24	0					
Semester 9 B.Arch only	all sem 1+ sem 2 +sem 3+ sem 4+ sem5+ sem6+24	All sem 1	All sem 2	All sem 3	All sem 4	All sem 5	All sem 6	24				
Semester 10 B.Arch only	all sem 1 + sem2 +sem 3+ sem 4+ sem5+ sem6+ 24	All sem 1	All sem 2	All sem 3	All sem 4	All sem 5	All sem6	24	0			
Total for B.Tech degree	154+6 OT	All sem 1	All sem 2	All sem 3	All sem 4	All sem5	All sem 6	All sem 7	All sem 8	--		--
Total for B.Arch degree	194+6 OT	All sem 1	All sem 2	All sem 3	All sem 4	All sem5	All sem6	All sem 7	All sem 8	All sem 9	All sem 10	

*Minimum credits that can be registered by a B.Tech./B.Arch. student of any semester is 15. However for students who are repeating only the failed courses or who have lesser number of credits to be earned for the successful completion of the programme, there is no such minimum limit.

R.9. Maximum Duration of the Programme

R.9.1. The normal duration of the B.Tech. programme is eight semesters. However a student may complete the programme at a slower pace by taking more time, but in any case not more than 12 semesters excluding the semesters withdrawn (temporary discontinuation as per rule R.10 on medical reasons. However, the students have to satisfy rule R8, 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. However a student may complete the programme at a slower pace by taking more time, but in any case not more than 14 semesters excluding the semesters withdrawn (temporary discontinuation as per rule R.10 on medical reasons.) However, the students have to satisfy rule R8, failing which shall lead to the formalities related to the cancellation of registration

R10. Temporary Discontinuation

R10.1. 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.

In case of ill health or other medical reasons, students must produce a medical certificate from a Registered Medical Practitioner stating that he/she is not in a position to continue with the studies temporarily specifying the period, and the same should be duly endorsed by parent /guardian of the student and also by the Institute medical officer.

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

R.10.2 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.

R11. Discipline

R11.1. Every student is required to observe disciplined 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.

R11.2. 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.

R11.3. The punished students, if any, may appeal to the Chairman, Senate, whose decision shall be final & binding in all respects.

R11.4 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. 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.

R12. Attendance and Leave

R12.1. Students must attend all the classes for the courses which are registered by him/her without fail. If he/she cannot attend any class due to sickness or due to any unavoidable circumstances, same shall be informed to the course faculty and FA in advance, if possible or at the earliest. Student shall submit leave applications with recommendations of FA to the HOD in advance, if possible or at the earliest.

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 seven days after returning from leave or, on or before the last instructional day of the semester, whichever is earlier.

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.

R12.2. 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 rounded to Code

90% and above: H

80% and above but less than 90% :N

Less than 80% :L

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

R12.3. 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 rule R 12.5.

R12.4. 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.

R12.5. Those with L grade, but having 80% or more attendance for the period other than their medical leave may be considered (only leave applications already submitted and approved by HOD will be considered) for condonation of shortage of attendance provided the overall attendance in the course including the period of illness does not fall below 50%. 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. 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. FA shall arrange copies of the same to the concerned course faculty, faculty I/c of examinations and Chairman of the Class committee. All the records shall be kept with FA in the department. A student will be eligible for this concession at most in two semesters during the entire degree programme.

R.12.6 As an incentive to those students who participate in extra curricular activities such as Tathva and Ragam, and those who represent the Institute in sports & games, cultural/technical events or festivals outside the Institute, and those attended in the Institute placement process, a relaxation of up to 5% attendance shall be given, subject to the condition that these students get prior approval from the following faculty

1. Tathva - Faculty Convener (Tathva)
2. Ragam/ cultural events or festivals (inside/outside NITC)– Staff Advisor (Cultural)/Dean (Students Affairs)
3. Presenting Technical Papers/ Attending Technical Festivals- Faculty Advisor/HOD concerned.

4. Sports & Games- Faculty in charge of sports & games (Faculty I/C of Physical Education)
5. Final placement /internship selection process in the Institute through Training & Placement (T & P) (Professor, T &P)

All students participating in extra curricular activities such as Tathva and Ragam, and those who represent the Institute in sports & games, cultural festivals and technical festivals *outside the Institute* and attended final placement / internship selection process in the Institute through T & P, 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.

The students who wish to apply for this condonation 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, which ever is later. 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. FA shall arrange copies of the same to the concerned course faculty, faculty I/c of examinations and Chairman of the Class committee. All the records shall be kept with FA in the department.

R13. Assessment Procedure

- R13. 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

- R14. Minimum two tests (of minimum one hour each) are 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/course projects/reports etc shall be decided by the course faculty

The details of weightage of marks for the two tests and other items like assignments tutorials/presentations/course projects/reports shall 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.

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 chairman of the class committee.

R15. End - Semester Examination

R15.1 There shall be one end semester examination of minimum three hours duration for each lecture based courses 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.

R15.2 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.

R16. Weights

R.16. 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 40-60%) as per the curriculum. The remaining weight is for the other components like tests /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.

R17. Make-up Examination

R17.1. Students who miss the tests or the end-semester examinations for medical or reasons judged to be valid by FA /HOD, are eligible for a make-up examination.

Students who miss the end semester examination and one or more tests shall be permitted to write one make-up examination only, and no marks shall be separately awarded for the missed tests.

Those who miss the tests can also appear for the make up examination and answer the relevant portions of the question paper with appropriate weight as attached to the test(s) based on the instruction from course faculty.

R17.2. Those who miss test(s) and/or end-semester examinations shall apply to the concerned HOD through FA within five days after the missed test/examinations 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.

All applications for make-up examinations when approved by the concerned HOD shall be given to FA and the Class Committee Chairman for arranging the make-up examinations at appropriate time in coordination with the course faculty and Department examination cell. The list of permitted students for make-up examinations shall be published in the department by the FA.

R17.3. 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.

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.

R17.4. 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 makeup) with appropriate recommendations of the FA/HOD.

R.18. Evaluation of Project, Thesis & 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. This will be assessed by a panel of examiners (within the Institute /experts from outside the Institute) 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.

If outside experts are invited, for evaluation, it shall be with the approval of 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 form 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 Digital library.

After the successful presentation of the seminar, the student shall submit a report in the prescribed form 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 Digital library.

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 for the respective course containing the marks scored, proposed grade and attendance code and one copy without the marks, shall be submitted by the course faculty to the Class Committee Chairman for conducting the class committee to finalise the grades. This shall include results of all make-up examinations.

A Class Committee without the student members shall be convened within seven days after the last day of the end-semester examination or 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. Chairman of the class committee shall conduct a detailed analysis of the results and shall submit a copy of the analysis to HOD/Dean (Academic), once the results are finalised.

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:

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

I grade 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 into proper grade before the registration of the next semester and the same shall be informed to the academic section by the course faculty through HOD. Concerned FA and Chairman, class committee shall also be informed about the final result. If it could not be finalized before the registration of the next semester, permission shall be obtained from Dean (Academic).

R.19.4. 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.

R20. Declaration of Results

R20.1. After finalization of the grades in the Class Committee meeting (without students), 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 Chairman to the Dean (Academic) through HOD. The consolidated results shall include results of all makeup examinations.

One set of hard copies of consolidated results shall be sent to the concerned HOD and FA by the Class committee chairman 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 by the Class Committee Chairman, in the web and Notice boards on the time/day as per the academic calendar or as instructed by the Dean (Academic).

R.20.2 FA/HOD shall make arrangements to inform the results to the parents/guardians of students with necessary advice/warnings to the students with failures, if any.

R.21. Supplementary Examinations for First Level (Semester 1 and Semester 2) Theory Courses

R.21.1. There shall be supplementary examinations to the end-semester examinations of first level lecture based courses only and the same shall be conducted once in every year after a period of 30-45 days from the date of declaration of the winter semester results, as indicated in the academic calendar.

R.21.2. The supplementary examination in a first level lecture based course shall be opened to those students who have registered for that course in the earlier semesters and got F grade in the same.

As first level courses are offered in first and second semesters, those students who got F or W grade in any course in the first semester are not allowed to repeat the same in the immediately succeeding second semester, along with their regular second semester courses.

R.21.3. The original results of the eligible students who appear for the supplementary examination in a first level lecture based course shall stand modified by replacing their marks for the end-semester examination alone with that for the supplementary examination whereas the marks obtained in the continuous assessment like tests, assignments etc (other than end semester examination) having a total weightage of 50% and the grading pattern shall remain unaltered. Marks for the tests, assignments etc (other than end semester examination) scored by the student in the subject in his/her last attempt only will be counted. The attendance code already awarded shall not be changed on any count.

R.21.4. The respective departments offering the first level lecture based courses in both the monsoon and winter semester shall arrange for the conduct of the supplementary examinations (in line with the notifications from Dean (Academic), for the eligible students who opt for the same through specified application form with recommendation of FA and make payment of required fees. The modified results after incorporating supplementary results shall be sent to the first year class committee chairman at least 10 days before the date of registration for the immediately succeeding monsoon semester. All these activities shall be coordinated by first year class committee chairman. The first year class committee chairman shall consolidate the modified results for all the first level courses, publish the results and forward the same to the Dean (Academic) at least 5 days before the date of registration for the immediately succeeding monsoon semester.

R.22. Contact Courses

- R.22.1. A contact course for lecture based courses (not for projects, seminar, laboratory, design, drawing and thesis) can be offered to a student who has completed his/her programme of study except for one course already failed (F grade). It shall be offered only during the summer vacation which follows immediately after his/her period of study and to the students having only one course (maximum 4 credits) with F grade to complete the programme. The course shall be offered only to a student who has applied for the same through FA/HOD with the consent of the faculty member willing to offer the course. Fees if any shall be paid by the student. Dean (Academic) will give the formal approval based on the recommendations from DCC.
- R22.2. The total contact hours and assessment procedure for a contact course shall be similar to the procedure for the regular semester course. Once the evaluation of contact course is completed, result shall be intimated to academic section by the course faculty (copy of the approval of Dean (academic) + receipt of fees paid if any, shall be attached) through HOD. Copy of the result shall be given to FA.
- R22.3. Withdrawal from a contact course is not permissible.

R23. Re-evaluation of Answer Sheets & Repetition of a Course

R.23.1 Re-examination of answer sheets prior to re-evaluation

- R.23.1.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 Chairman of the Class Committee with proper justification for the revision on intimation to the concerned FA/HOD.
- R.23.1.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 seven working days after the commencement of the immediately succeeding semester or within seven working days on publication of results, 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 Chairman of the Class Committee with proper justification for the revision on intimation to the concerned FA/HOD.

R.23.2 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.

R.23.2.d Requests received from the student within the stipulated time limits only shall be entertained.

R.23.2.e The decision of the Chairman, Senate will be final & binding for all the clauses above.

R23.3 Repetition of a Course

R.23.3.a) A student who was awarded F and/or W grade in a core course has to repeat it compulsorily.

If the same course (same code/title/credit) is not available due to the change in the curriculum, then the students 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 course if he/she so desires or register for a new elective course based on the advice from FA.

R23.3.b) Student repeating courses with F and/or W grade has to register for the same as per the guidelines of academic section and attend all the classes for the courses registered like regular student and attendance shall be mandatory. No of courses to be registered any semester shall be decided in consultation with FA.

For first level lecture based courses, supplementary examinations are also offered for students with F grade, subjected to the conditions stipulated in rule R 21.

R24. Grade Point Averages

R24. The academic performance of a student in a semester is indicated by the Semester Grade Point Average (SGPA).

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

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 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).

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

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.

R25. Grade Card

R25.1. 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 upto the end of that semester in each category and grand total, and
- f) SGPA & CGPA.

R25.2. 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 25.3 The CGPA can be converted to percentage of marks as follows:

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

R26. Slow- pace Learning

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 rules R7 and R8, if he/she feels an overload with the courses in the semester, in line with the advice of FA.

R27. Permanent Disqualification

R27.1. At the end of the one year academic probation period as per rule R8 , if any student still 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.

R27.2. If a student neither gets permission for temporary discontinuation (see rule R10) nor registers for courses for the minimum credits (see rule R7) 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 27.3 Relaxation of maximum two courses and/or maximum four credits at any stage can be permitted by Dean (Academic), to any student to avoid permanent disqualification. This

will be based on the recommendation of FA & DCC on (i) submission of a detailed course completion plan for completing the programme within the period of maximum duration with permitted overload limits and (ii) information to his/her parent/guardian.

R28. Courses under OT Category

R28. Courses on Environmental Studies, Physical Education, Value Education and NSS 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.

R29. Transfer of Credits

R29. 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

R30. Eligibility for the Award of B.Tech. / B.Arch. Degree

R30.1. 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) completed the normal duration of the programme for B.Tech.,
- iv) no dues to any departments/sections of the Institute including hostels, and
- v) no disciplinary action pending against him/her.

R30.2. 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) completed the normal duration of the programme for B.Arch.,
- iv) no dues to any departments/sections of the Institute including hostels, and
- v) no disciplinary action pending against him/her.

R.30.2 The award of the degree shall be recommended by the Senate and approved by the Board of Governors of the Institute.

R 30.3 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, Migration, 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.

R31. Power to Modify

R31. Notwithstanding all that has been stated above, the Senate /BOG has the right to modify any of the above regulations from time to time.