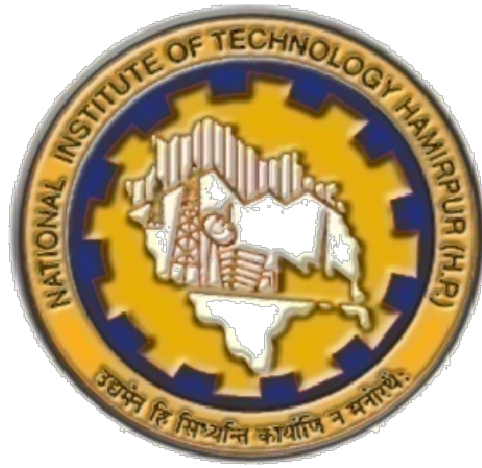# Ordinances

For

Bachelor Programmes
(B.Tech./B.Arch./Dual Degree)

Adopted in the 28th SENATE Meeting Held on 19.07.2019

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7. EVALUATION AND GRADING SYSTEM FOR BACHELOR PROGRAMME

7.1 Evaluation System

The evaluation of students in a particular course shall be based on his/her performance in Continuous Semester Assessment (tutorials, assignments, class test, quizzes, laboratory work, viva, etc.), Mid Semester Examination, and End Semester Examination. The complete transparency shall be maintained in evaluation system. The evaluation of answer sheets of Mid Semester Examination, quizzes and class tests, and home assignments shall be done within reasonable time and shown to the students. The answer sheets of the End Semester Examination will also be shown to the students after evaluation within reasonable time as per the Schedule of Academic Calendar. Similar practices shall also be followed during supplementary examination.

For each course, there will be a Course Coordinator (CC) appointed by Head of respective Department. The course coordinator shall be responsible for setting the question paper, maintaining its secrecy, evaluating and awarding the grades. For the courses, where more than one faculty members are involved in teaching, one of them shall be appointed as course coordinator by Head of respective Department but question paper will be set by Course Coordinator in consultation with associated faculty members and evaluation shall be done by the concerned associated faculty members.

7.1.1 Evaluation of Theory/Practical/Drawing/Studio Courses

The weightage of various components for award of Grades in Theory/Practical/Drawing/Studio Courses shall be as under:

A. Courses Having Lectures and Tutorials

SN	Component	Weightage

1.	Continuous Semester Assessment (Based on performance in assignments/quizzes/tests/tutorials, etc.)	20%
2.	Mid Semester Examination	30% (1½ Hours)
3.	End Semester Examination	50% (03 Hours)

B. Courses Having Practicals

SN	Component	Weightage
1.	Continuous Semester Assessment (Based on quantity and quality of experiments/jobs, skills in handling equipment, performance in viva/tests, accuracy of outcomes/features, etc.)	60%
2.	End Semester Examination (Performance in practical/job/test/quiz/viva, etc.)	40%

C. Courses of Engineering Workshop/Architectural Workshop/Engineering Graphics

SN	Component	Weightage
Continuous Evaluation		
1.	Continuous Semester Assessment (Based on quantity and quality of experiments/jobs/drawings, skills in handling equipment, performance in viva/tests, accuracy of outcomes/features, etc.)	60%
End Semester Evaluation		
1.	Minor Practice Test (Written)	20% (01 Hour)
2.	End Semester Examination (Based on quality of job/drawing/project)	20% (03 Hours)

D. Courses Having Lectures, Tutorials and Practicals

SN	Theory Component (Overall Weightage: 80%)		Practical Component (Overall Weightage: 20%)	
1.	Continuous Semester Assessment (Based on performance in assignments/quizzes/tests/tutorials, etc.)	20%	Continuous Semester Assessment (Based on quantity and quality of experiments/jobs, skills in handling equipment, performance in viva/tests, accuracy of outcomes/features, etc.)	60%
2.	Mid Semester Examination	30% (1½ Hours)	End Semester Examination (Performance in practical/job/test/quiz/viva, etc.)	40%
3.	End Semester Examination	50% (03 Hours)		

E. Studio Courses Having Lectures and Drawings in B.Arch.

SN	Component	Weightage
1.	Continuous Semester Assessment (Based on quantity and quality of experiments/jobs, skills in handling equipment, performance in viva/tests, accuracy of outcomes/features/design problems, etc.)	80%
2.	End Semester Examination (Performance in practical/job/test/quiz/viva, etc.)	20%

The schedule for the Mid Semester Examination and End Semester Examination shall be prepared by Associate Dean (Examination and Evaluation) in consultation with Dean (Academic). All the examinations shall be usually held during the period specified in the Academic Calendar of respective Academic Year.

7.1.2   Evaluation of Major Project

The Major Project (Stage-I and Stage-II) shall normally be evaluated on the basis of quality of work carried out, the reports submitted, contents and presentation. The Convener, DBPC shall act as Coordinator of all project groups. Formation of Major Project (Stage-I) groups shall be done during sixth semester or as per approved scheme by the DBPC along with allotment of guide(s) to each group. Generally, the same group shall continue in the Major Project (Stage-II) during eighth semester or as per approved scheme under the supervision of already allotted guide(s).

Each project group shall be evaluated twice i.e. during Mid Semester and End Semester by a Committee as per the schedule mentioned in Academic Calendar. The Evaluation Committee(s) shall be constituted by the concerned HoD as per modality decided by the concerned Department or at the Institute level.

7.1.3   Evaluation of Industrial/Onsite/Office Training

B.Tech./Dual Degree students are required to undergo 4-6 weeks of Industrial/Onsite Training after the end of sixth semester (during summer vacations). B.Arch. students are required to undergo one semester Office Training outside the Institute but within India as per approved scheme. The evaluation and award of grades for Industrial/Onsite/Office Training shall be done by Evaluation Committee(s) constituted by HoD as per modality decided by the concerned Department or at the Institute level.

The slots for evaluation/presentation for the Industrial Training undertaken by the students shall be mentioned in the Time Table of the concerned Department in the semester immediately following the Training. The Evaluation Committee(s) shall evaluate the students during these slots. Interested B.Tech./B.Arch./Dual Degree students may also undergo Industrial Training/Internship after second/fourth/sixth (for B.Arch. only) semester (during summer vacations) for which No Objection Certificate (NOC) may be obtained from the concerned HoD. However, there shall not be any evaluation for this Industrial Training/Internship and also it will not be mentioned in the Grade Report Card of the student.

7.1.4   Evaluation of General Proficiency

General Proficiency (GP) shall be based on the participation, performance in various co-curricular activities and conduct of the student during the entire duration of the programme. The evaluation and award of grades for General Proficiency (GP) shall be done by Evaluation Committee(s) constituted by HoD as per modality decided by the concerned Department or at the Institute level.

7.2   Grading System

The Institute follows absolute grading system. A student shall be awarded a letter grade in each course he/she is registered for, indicating his/her overall performance in that course. There are eight letter grades: A, AB, B, BC, C, CD, D and F. The correspondence between letter grades, grade points (on a 10 point scale), percentage marks and academic performance is given below:

Letter Grade	A	AB	B	BC	C	CD	D	F
Grade Points	10	9	8	7	6	5	4	0
Marks (%)	$\geq$80	<80 & $\geq$70	<70 & $\geq$60	<60 & $\geq$50	<50 & $\geq$45	<45 & $\geq$40	<40 & $\geq$30	<30
Academic Performance	Outstanding	Excellent	Very Good	Good	Average	Below Average	Marginal	Fail

The following are the general guidelines for the award of grades:

1. All evaluations of different components of a course announced in the Course Plan shall be done in terms of marks for each student.
2. The marks of various components shall be added to get total marks secured on a 100-point scale.
3. For any course, the above table will be used to award grades corresponding to the secured marks.
4. A student, who does not appear in the End Semester Examination for any reason, shall be awarded F grade irrespective of his/her performance in the Continuous Semester Assessment.
5. The concerned teacher shall award and submit the final grades online and also forward a copy of these grades to the HoD/HoC for onward transmission to Academic Section as per the schedule mentioned in Academic Calendar.

7.3   Grade Point Index (GPI)

The method of grading is an integral part of the course structure prescribed for Bachelor Programme. A student shall be issued Grade Point Index (GPI) on the basis of his/her performance in opted courses of study. The GPI shall be computed Semester-wise as well as in a cumulative manner at the end of each semester.

The SGPI (Semester Grade Point Index) is an indicator of the overall academic performance of a student in all the courses he/she has registered during a given semester. For example, if the grades awarded to a student are G_1, G_2,…, G_m in courses (say, m) with corresponding credits C_1, C_2,…, C_m, the SGPI is given by

$$\text{SGPI} = \frac{C_1 G_1 + C_2 G_2 + ... + C_m G_m}{C_1 + C_2 + ... + C_m}$$

Similarly, the CGPI (Cumulative Grade Point Index) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester/supplementary examination. It is computed in the same manner as the SGPI, considering all the courses (say, n), and is given by

$$\text{CGPI} = \frac{\sum_{i=1}^{n} C_i G_i}{\sum_{i=1}^{n} C_i}$$

Note: NIT Hamirpur has not evolved any formula to convert the CGPI into percentage. However, for the purpose of employment or requirement of any external body that NIT Hamirpur Bachelor student wishes to join, the CGPI may be notionally converted to percentage by multiplying the CGPI by a multiplication factor of 10. This is applicable to all Bachelor Students since adoption of Grading System for Bachelor Programmes. Moreover, the Institute shall not issue any separate certificate/document in this regard.

7.4   Improvement in CGPI

A student who has passed all the requisite courses of a programme but fails to score minimum requisite CGPI for the award of degree, may be allowed to improve

1. By appearing in Supplementary Examination in the course(s) where he/she has scored D grade(s), provided he/she is allowed to continue in the programme as per Clauses of Section 8. Marks in Continuous Semester Assessment and Mid Semester Examination shall remain same as per the previous record.
2. Continuous Semester Assessment and Mid Semester Examination of the course (theory, practical, minor/major project, etc.), where he/she has secured D grade and has less than 50% marks in these components (reduced marks in case of attendance is less than 75%). However, the student will only be allowed to register after completion of minimum residential requirement given in Clause 8.2 (four years in case of B.Tech. and five years in case of B.Arch./Dual Degree). This registration will be allowed along with students of regular semester at that

point of time where this course is floated (odd semester or even semester). The requests of the student to resolve any clash in Time Table and allotment of hostel will not be entertained. Marks secured by the student in Continuous Semester Assessment and End Semester Examination during this semester registration will be counted for awarding the grade.

7.5 Supplementary Examination

There shall be a Supplementary Examination every year during June-July as per the schedule mentioned in Academic Calendar. The weightage of Supplementary Examination will be same as for End Semester Examination of respective subject. Following are the eligibility criteria to appear in Supplementary Examination:

1. A student who registered for a course during the regular semester and who got F grade after appearing in the End Semester Examination.
2. A student who registered for a course during the regular semester, but, could not appear in the End Semester Examination.
3. A student who has earned D grade in a course and is eligible for improvement of CGPI as per Clause 7.4.