



GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED
An ISO 9001:2015 Certified

Academic Regulations for Bachelor of Technology (*B.Tech.*) Programmes

(With effect from Academic Year 2026-27)

*(Chemical Engineering,
Computer Science & Engineering,
Electronics & Communication Engineering,
Fire, Environment, Health and Safety Engineering)*

**School of Technology,
GSFC University
Vadodara 391750, Gujarat, India**



Revision Details

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Table of Content

Sr. No.	Regulation No.	Title	Page No.
1	—	Preliminary Definitions and Nomenclature	4
2	R.1.0	Admission for B.Tech Programme	5
3	R.2.0	Structure of B.Tech Programme	6
4	R.3.0	Registration / Enrolment of Courses	15
5	R.4.0	Duration of the Programme	17
6	R.5.0	Attendance Requirement	17
7	R.6.0	Assessment and Evaluation	18
8	R.7.0	Promotion Criteria	20
9	R.8.0	Course-wise Grading of Students	22
10	R.9.0	Revaluation	23
11	R.10.0	Grade Card	23
12	R.11.0	Award of Degree	25
13	R.12.0	Conduct and Discipline	26
14	R.13.0	Programme Suspension and Withdrawal	27
15	R.14.0	Multidisciplinary and Choice Based Credit Framework	28
16	R.15.0	Change of Regulation	29

These Regulations are applicable to the students admitted to B. Tech Programme at GSFC University, Vadodara.

Preliminary Definitions and Nomenclature

- a. **Degree:** It is that academic award conferred upon a student on successful completion of a four-year programme designed to achieve the defined attributes. It is referred to as an Under-Graduate (UG) Degree, which is “Bachelor of Technology”.
- b. **Programme:** It is a cohesive arrangement of courses, co-curricular and extra-curricular activities to accomplish predetermined objectives leading to the awarding of a degree.
- c. **Course:** It is a combination of theory, tutorials and practical sessions of a subject studied in a semester, like Mathematics, Physics, etc.
- d. **Academic Year:** It is the period necessary to complete an actual course of study within a year. It comprises two main semesters i.e., consisting of one odd and one even semester.
- e. **Registration:** Process of enrolling into a set of courses in a semester of a program.
- f. **Evaluation:** Evaluation is the process of assessment of academic attainment of the student in her/his courses. It is done through a combination of continuous internal assessment and semester end examinations.
- g. **Credit:** A credit is a unit that gives weight to the value, level or time requirements of an academic course. The number of 'Contact Hours' in a week of a particular course determines its credit value (1 credit = 15 hours theory/15 hours Tutorial/30 hours practical)
- h. **Credit Point:** It is the product of grade point and number of credits for a course.
- i. **Grade:** It is an index of the performance of the students in a said course. Grades are indicated by alphabets.
- j. **Grade Point:** It is a numerical weight allotted to each letter grade on a 10 - point scale.
- k. **Cumulative Grade Point Average (CGPA):** It is a measure of cumulative performance of a student over all the completed semesters. The CGPA is the ratio of



total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

1. **Project work:** It is a design or research-based work to be taken up by a student during his/her final year to achieve a particular aim. It is a credit-based course and is to be planned carefully by the student.

R.1.0 Admission for B. Tech Programme

R 1.1 Number of Seats: The number of seats in each branch of the B.Tech. Programme for which admission is to be made in the School of Technology. The seat distribution of the total seat is decided by the Board of Management, GSFC University.

R 1.2 Minimum Eligibility: The All India quota Seats of the B. Tech. Programmes will be filled by the School of Technology (SOT), GSFC University with the following eligibility criteria:

- a) Candidates should have cleared JEE (Main) or GUJCET. Merit List for these seats shall be based on Final NTA Score obtained in JEE (Main) or Percentile Rank in GUJCET examination of respective year.
- b) The candidate should have passed H.S.C. (Science Stream) with A group, the Qualifying Examination with minimum 45% marks (40% in case of SC/ST/SEBC) in any three of the subjects as aggregate in theory or theory and practical with of Physics, Mathematics and Chemistry or Biology or Biotechnology along with Computer Science / Information Technology / Electronics / Business Studies / Entrepreneurship / Technical Vocational from a recognized single examination board.

R 1.3 Seat Allocation: The admission committee will prepare a merit list based on JEE- Main or GUJCET of the respective year with the performance of 12th standard or equivalent examination and call the applicants in the merit order for counselling.



The admission will be offered on the basis of Merit, Category of the candidate and availability of the seats.

- R 1.4 Admissions under Lateral Entry Scheme:** The candidates are eligible for admission directly to the 3rd semester of any B.Tech. Programme offered by GSFCU under lateral entry scheme as per the statutory norms.
- R 1.5 Fees for Admission:** The selected candidate will be admitted to the B.Tech. Programme after he/she fulfils all the admission requirements as indicated in the letter of admission after making the payment of the prescribed fees within the due date announced.
- R 1.6 Authority for Admission:** Any matter related to admission to the B.Tech. Programme, the decision of the Admission Committee is final.
- R 1.7** If, at any time after admission, it is found that a candidate has not fulfilled the requirements stipulated in the offer of admission, the Provost / Director may revoke the admission of the candidate.

R.2.0 Structure of B. Tech Programme

- R 2.1 List of Programmes:** The B. Tech Degree Programme offered by GSFCU are as follows:

No.	Programme Offered
1	Chemical Engineering (CH)
2	Computer Science & Engineering (CSE)
3	Electronics & Communication Engineering (ECE)
4	Fire & Environment, Health, Safety (F & EHS)



R 2.2 **Category of Courses:** The Programme of study will consist of 10 categories of courses distributed over eight semesters (6 semesters for lateral entry students) with two semesters per year as listed below:

No.	Category Code	Course Category
1	HSMC	Humanities and Social Sciences including Management Courses
2	BSC	Basic Science Courses
3	ESC	Engineering Science Courses
4	PCC	Professional Core Courses (Compulsory) includes Drills for FEHS
5	PEC	Professional Elective Courses (Optional Courses relevant to chosen branch)
6	OEC	Open Elective Courses (Optional Courses from other technical and/or emerging subject)
7	PROJ	Project Work (Major/Minor)
8	MC	Mandatory Courses
9	NC	Non Credit Courses
10	VAC	Value Added Courses

R 2.3 The B. Tech. programmes have well defined Academic Framework Components as per follows:

Sr. No.	Framework Components
1	Programme Educational Objectives (PEOs)
2	Programme Outcomes (POs)
3	Structure of Undergraduate Engineering Programme
4	Categorization of Courses (for all 4 years)
5	Program Articulation Matrix (for all 4 years)



And, every course has following framework:

No.	Framework Components
1	Course Learning Outcomes
2	Learning Assessment Scheme
3	Course Description
4	Course Designer Details

The details should be proposed by the respective Board of Studies and approved by the Academic Council.

R 2.4 Curriculum: The curriculum is comprised of appropriate combination of Theory, Tutorial and Practical sessions

R 2.5 Credits: Credits are earned by the student based on the following pattern:

Sessions	Credits (C)
1 Hour* of Lecture Session per Week (L)	1
1 Hour* of Tutorial Session per Week (T)	1
2 Hours* of Practical Session per Week (P)	1

(* 1 Hour of Learning is usually a 50-60 minute period)

R 2.6 Graduation Requirement: The following academic requirements shall be met for the award of the B.Tech degree.

- Students shall register and acquire minimum attendance in all courses and secure minimum credits as defined for the program.
- A student of a regular program, who fails to earn minimum credit requirement within six consecutive academic years from the year of his/her admission with a minimum CGPA of 5.0, shall forfeit his/her degree and his/her admission stands cancelled.



R 2.7 Courses in a programme may be of 8 kinds: **Humanities and Social Sciences including Management Courses, Basic Science Courses, Engineering Science Courses, Professional Core Courses, Project Work, Mandatory Courses, Non-Credit Courses, Value Added Courses.**

1. Humanities and Social Sciences including Management Courses (HSMC)

The purpose of these courses is to provide students with knowledge of humanities, social sciences, economics, management, ethics, and communication. They help develop critical thinking, leadership qualities, social awareness, and professional competence required for holistic development.

2. Basic Science Courses (BSC)

Basic Science Courses provide a strong foundation in scientific principles and analytical methods. These courses enable students to understand and apply concepts of mathematics, physics, chemistry, and other fundamental sciences that support engineering education.

3. Engineering Science Courses (ESC)

Engineering Science Courses introduce the fundamental engineering concepts, principles, tools, and techniques that form the basis for advanced study in engineering disciplines. These courses bridge basic sciences and professional engineering subjects.

4. Professional Core Courses (PCC)

Professional Core Courses are compulsory courses that provide in-depth knowledge and skills in the chosen discipline of study. These courses constitute the essential body of knowledge required to achieve the programme outcomes and professional competence in the respective branch.

5. Project Work (PROJ)



Project Work provides students with opportunities to apply theoretical knowledge and practical skills to solve real-world engineering problems. It promotes innovation, research aptitude, teamwork, project management, and independent learning through major or minor projects.

6. Mandatory Courses (MC)

Mandatory Courses are compulsory courses prescribed by the institution or regulatory bodies to ensure the development of essential knowledge, values, professional ethics, environmental awareness, constitutional responsibilities, and other competencies required for all students. These courses may or may not carry academic credits but must be successfully completed.

7. Non-Credit Courses (NC)

Non-Credit Courses are courses that do not contribute to the credit requirements of the programme. They are intended to enhance students' personal, professional, or technical development through additional learning experiences, training, workshops, or activities, and may require satisfactory completion.

8. Value Added Courses (VAC)

Value Added Courses are designed to supplement the regular curriculum by providing additional knowledge, practical skills, and industry-relevant competencies. These courses enhance employability, entrepreneurship, innovation, and lifelong learning capabilities beyond the prescribed programme requirements.

R 2.8 Types of Elective Courses

(a) Professional Electives (PE) are elective programs enabling the students to take up a group of courses for specialization/ interest to him/her in his/her program of study.



(b) **Open Electives (OE)** are Courses offered by other programs etc.). Generally all the elective courses which are from other disciplines are included under this category.

R 2.9 Category Wise Distribution of Credits

As per NEP guidelines, a student is required to earn approximately 40–44 credits per academic year, leading to 160–176 credits for a four-year undergraduate degree. Considering the industry-oriented nature of GSFC University programmes, a marginal increase in credits has been incorporated to provide additional practical training, skill-based courses, internships, projects, and industry exposure, thereby enhancing students' employability and professional competence.

The details of Course Category and credit offered is mentioned as per below:

A. Chemical Engineering

Sr. No.	Category	Subject Area and % of Credits	Avg. No. of Credits
1	Humanities and Social Sciences Courses including Management (HSMC)	HSMC (05% to 10%)	12
2	Basic Sciences Courses (BSC) including Mathematics, Physics and Chemistry	BSC (15% to 20%)	27
3	Engineering Sciences Courses (ESC), including Workshop, Drawing, Basics of Electrical / Electronics / Mechanical Courses	ESC (10% to 20%)	17
4	Professional Subjects - Core Courses (PCC), relevant to the chosen specialization/ branch.	PCC (30% to 40%)	86
5	Professional Subjects - Electives Courses (PEC), relevant to the chosen specialization/branch.	PEC (5% to 15%)	6
6	Open Subjects - Electives Courses (OEC), from other technical and/or emerging subject areas. (includes EE & SEC)/NPTEL	OE, EE & SEC (5% to 15%)	5



7	Project Work or Semester Internship	10% to 15%	22
8	Value Added Courses (VAC)	5% to 10%	5
Total			180

B. Fire, Environment & Health Safety

Sr. No.	Category	Subject Area and % of Credits	Avg. No. of Credits
1	Humanities and Social Sciences Courses including Management (HSMC)	HSMC (05% to 10%)	12
2	Basic Sciences Courses (BSC) including Mathematics, Physics and Chemistry	BSC (10% to 15%)	22
3	Engineering Sciences Courses (ESC), including Workshop, Drawing, Basics of Electrical / Electronics / Mechanical Courses	ESC (10% to 15%)	22
4	Professional Subjects - Core Courses (PCC), relevant to the chosen specialization/ branch.	PCC (40% to 50%)	89
5	Professional Subjects - Electives Courses (PEC), relevant to the chosen specialization/branch.	PEC (5% to 10%)	6
6	Open Subjects - Electives Courses (OEC), from other technical and/or emerging subject areas. (includes EE & SEC)/NPTEL	OEC, EE & SEC (5% to 10%)	5
7	Project Work or Semester Internship	10% to 15%	22
8	Value Added Courses (VAC)	5% to 10%	5
Total			183

C. Computer Science & Engineering



Sr No.	Category	Subject Area and % of Credits	Avg. No. of Credits
1	Humanities and Social Sciences Courses including Management (HSMC)	HSMC (05% to 10%)	14
2	Basic Sciences Courses (BSC) including Mathematics, Physics and Chemistry	BSC (10% to 15%)	20
3	Engineering Sciences Courses (ESC), including Workshop, Drawing, Basics of Electrical / Electronics / Mechanical Courses	ESC (05% to 10%)	16
4	Professional Subjects - Core Courses (PCC), relevant to the chosen specialization/ branch.	PCC (40% to 50%)	79
5	Professional Subjects - Electives Courses (PEC), relevant to the chosen specialization/branch.	PEC (05% to 10%)	16
6	Open Subjects - Electives Courses (OEC), from other technical and/or emerging subject areas. (includes EE & SEC)/NPTEL	OEC, EE & SEC (02% to 05%)	2
7	Project Work or Semester Internship	10% to 20%	33
8	Value Added Courses (VAC)	5% to 10%	5
Total			185



D. Electronics & Communication Engineering

Sr. No.	Category	Subject Area and % of Credits	Avg. No. of Credits
1	Humanities and Social Sciences Courses including Management (HSMC)	HSMC (05% to 10%)	12
2	Basic Sciences Courses (BSC) including Mathematics, Physics and Chemistry	BSMC (10% to 15%)	27
3	Engineering Sciences Courses (ESC), including Workshop, Drawing, Basics of Electrical / Electronics / Mechanical Courses	ESC (05% to 10%)	17
4	Professional Subjects - Core Courses (PCC), relevant to the chosen specialization/ branch.	PCC (40% to 50%)	65*
5	Professional Subjects - Electives Courses (PEC), relevant to the chosen specialization/branch.	PEC (05% to 10%)	16*
6	Open Subjects - Electives Courses (OEC), from other technical and/or emerging subject areas. (includes EE & SEC)/NPTEL	OEC, EE & SEC (02% to 05%)	2
7	Project Work or Semester Internship	10% to 20%	35
8	Value Added Courses (VAC)	5% to 10%	5
Total			179*

*The Course Matrix for the B.Tech. (Electronics and Communication Engineering) programme is provisional and subject to the recommendations and approval of the concerned BoS, which is yet to be convened. Any approved modifications shall be incorporated in the final version of the Academic Regulations.



The above credit structure for various programmes shall be applicable for students admitted from the Academic Year 2026–27 onwards. The University reserves the right to review, revise, or modify the credit structure from time to time based on academic requirements, regulatory guidelines, industry needs, and the recommendations of the Board of Studies (BoS) and other statutory bodies.

R 2.9.1 Classification and Numbering of courses: The 9-digit Course Code Structure is provided below (eg. BTCS302):

PP	DD	S	CN
2 Digits	2 Digits	1 Digit	2 Digits
Program Code	Course Offering Department	Semester	Serial No. of the Course
BT – Bachelor of Technology	CH – Chemical Engineering	1 -1 st Semester	01
	FS – Fire & EHS Engineering	2 – 2 nd Semester	02
	CS – Computer Science & Engineering	3 – 3 rd Semester	03
	EC- Electronics & Communication Engineering	etc.	etc.

R 2.9.2 Medium of Instruction: The medium of instruction, examination and project report will be in English.

R.3.0 Registration/Enrolment of the Courses

The process of enrolling for courses of a Programme is called ‘Registration’. Students are enrolled after they pay the prescribed fees. All students shall formally register for the courses every semester to undergo their learning course work.

R 3.1 Course Registration: Each student has to compulsorily register for course work at the beginning of each semester as per the schedule mentioned in the Academic Calendar.



- (a) It is compulsory for the student to register for courses in time. The registration will be organized departmentally by the Program coordinator under the supervision of the Dean/HoD.
- (b) In absentia, registration will not be permitted under any circumstances.
- (c) At the time of registration, students should have cleared all the dues of Institute and Hostel for the previous semesters, paid the prescribed fees for the current semester and not been debarred from the institute for a specified period on disciplinary or any other grounds.

R 3.2 Dropping of Courses: This is applicable only to Professional Elective and Open Elective Courses:

- (a) A student may withdraw from an elective course without academic penalty only during the first week of the semester only.
- (b) If an elective course is dropped within the first week of the commencement of classes, it does not appear on the academic transcript. In case, the course is dropped any time after 2 weeks unilaterally by the student, for reasons whatsoever, it will be recorded with a mark of “Ab” .
- (c) When a course is added within the permissible timeframe, the attendance will be calculated from the date of registering the newly added course. No make-up classes need be conducted for the individual student to compensate for the missed classes.

R 3.3 A student will not be allowed to enrol for current semester if he/she:

- (a) Has not cleared pending fees/dues to GSFCU, Hostel, Library, etc. in the previous semester.
- (b) Has been ‘Debarred from study’ due to any stipulated reason in the previous semester
- (c) Has any ‘Pending Disciplinary Actions’ against him/her in the previous semester



R.4.0 Duration of the Program

- R 4.1 Semester Duration:** Each semester of study shall normally consist of 90 working days or 450 hours exclusive of mid semester/end semester examinations. A student is ordinarily expected to complete the B.Tech. Programme in eight semesters for regular programme and in 6 semesters under lateral entry scheme.
- R 4.2** The regular students and lateral entry students will not be allowed to complete the B.Tech. Degree in less than 8 full-semesters and 6 full semesters respectively.
- R 4.3 Temporary withdrawal from the Programme:** A student may be permitted by Provost to withdraw from the programme for a semester or longer for reasons of ill health or other valid reasons. Normally a student will be permitted to discontinue from the programme only for a maximum continuous period of two semesters or the aggregate of individual discontinuation not exceeding two semesters.

R.5.0 Attendance Requirement

- R 5.1** A student must maintain an attendance record of at least 80% in individual courses. Without the minimum attendance of 80%, in any course, students become ineligible to appear for the end semester examination in that course.
- R 5.2** A student must strive to attend all the classes without fail. However, the minimum attendance requirement of 80% allows a student the facility to use the balance 20% to account for illnesses, permitted assignments such as inter university sports meets, inter-collegiate/inter-university competitions, accidents, unforeseen emergencies etc. Minimum 80% attendance in a course is mandatory for a student to be eligible to appear in the end semester examination.

It is the responsibility of each and every student to keep track / monitor his / her percentage of attendance for each course and ensure that he / she satisfies the



attendance norms prescribed by GSFC University. If the student finds any discrepancy / error in the attendance status, he /she should immediately bring it to the attention of the concerned faculty member and seek redressal.

R 5.3 The teacher shall prepare the particulars of all students who have attendance less than 80% in his / her course. Copies of the same should also be sent to the course coordinator, Head of the Department and Dean of SoT.

R 5.4 **Condonation of Attendance:** In rare and genuine cases, a committee comprising the Dean of the School , Head of the department and the concerned Course Coordinator shall examine the case based on the documents and circumstances submitted by the student. On merit, the committee may recommend attendance condonation to the Provost, who may approve condonation up to a maximum of 10%, if deemed fit.

R.6.0 Assessment

R 6.1 The learning of a student is assessed and evaluated in-house by the course faculty except in the case of internship/project work where an external examiner shall be nominated for conducting the viva-voce.

(a) **Theory Evaluation:** Each theory course will be evaluated for a total of 100 marks, with **20** marks for mid semester examination (MSE), 40 marks for continuous evaluation (CE) and 40 marks for end semester examination.

(i) **Mid Semester Examination:** The MSE carries 20 marks, is conducted for 60 minutes, and is held after 8 weeks from the commencement of the semester.

(ii) **End Semester Examination (ESE):** The ESE carries 40 marks, is conducted for 2 hours, and is usually held after the last working day of the semester.



- (iii) Continuous Evaluation Component (CEC):** The CEC carries 40 marks and is conducted throughout the duration of the course by the faculty member facilitating the course.

(b) Practical Evaluation:

- (i) Each laboratory course shall be evaluated for 50 marks, comprising 30 marks for internal assessment and 20 marks for the semester-end laboratory examination.
- (ii) All drawing-related courses shall be evaluated for 100 marks, comprising 30 marks for internal evaluation and 70 marks for the end-semester laboratory examination.

R 6.2 A minimum of 36% marks must be obtained individually in both components — (1) Mid-Semester Examination (out of 20 marks) & Continuous Evaluation (CE) (out of 40 marks) and (2) End Semester Examination (out of 40). Additionally, a student must secure at least 40% marks overall in the subject i.e. by combining both internal and external examinations.

R 6.3 If a course has both theory and practical components, then the student shall appear in the end-semester examinations for both the theory and practical components duly.

R 6.4 The students have to secure a minimum 40 % in theory and practical evaluation (wherever applicable) to pass the course.

R 6.5 Students securing less than 40% in the Mid Semester Examination shall undergo two weeks of remedial classes, followed by a remedial examination.

R 6.6 In the case of ATK T, the marks obtained in the regular examination components (i.e., Mid-Term, Continuous Evaluation Component, and End-Term) for the respective subject will not be carried forward. Only the marks secured in the ATK T examination will be considered for the declaration of the grade in that subject.



- R 6.7** Faculty members may adopt innovative alternative assessment methods with prior approval from the concerned Board of Studies and must inform students of the assessment pattern before commencement of classes.
- R 6.8** **Final Semester Project Work:** B.Tech. projects should be socially relevant and design/product/process-oriented. Projects may be undertaken individually or in groups (up to four students), as decided by the Project Supervisor and Co-supervisor.
- R 6.9** The progress of project work shall be monitored, reviewed, and assessed by an Internal Project Committee comprising faculty members of the concerned discipline and headed by the Dean. This shall constitute 50% of the continuous assessment component.

The Project Supervisor and Co-supervisor shall assess the individual performance of each student, carrying 20% weightage in each assessment phase, based on predefined and documented parameters.

A committee headed by the Head of Department, comprising two faculty members from each discipline, shall define the project assessment parameters namely Project Policy duly recommended by the Board of Studies. The recommendations shall be submitted to the Provost through the Dean (School of Technology). The approved parameters shall remain valid for one academic year or until amended.

R.7.0 Promotion Criteria:

- R 7.1** Students may have a maximum backlog of 4 courses from Semester 1 for promotion to Semester 3, and a combined maximum backlog of 4 courses from Semesters 1, 2, and 3 for promotion to the second year.
- R 7.2** At any point of time, a student can have a maximum of 4 pending backlogs. Backlogs of Immediate Previous Semester will not be counted for Determination of Detention. If the number of backlogs is more than 04 (Four)



then new subjects will not be allocated and the student will be detained for one year.

- R 7.3** For the ATKT examination, full weightage (100%) shall be assigned to marks scored in the end semester examinations and the internal assessment marks they have scored during the regular course of study will be ignored
- R 7.4** Students securing 'F' (Fail) or 'Ab' (Absent) grades in a course may reappear for the End Semester Examination when it is conducted again in the subsequent semester as an ATKT examination.
- R 7.5** The first attempt is that which corresponds to the first registration for the course. If a student gets 'F' or 'Ab' in an attempt that is treated as an attempt.
- R 7.6** If the students fail to clear their backlogs in additional two years after their respective program duration (including detention period), he / she will be declared failed i.e. not entitled for any award of degree.
- R 7.7** Students may be given two options to repeat the semester during detention period:

(a) By attending Regular Classes for pending ATKT subjects without paying any Tuition Fees

OR

(b) By Self Study of the ATKT Backlogs. However, students are advised to attend the classes of their ATKT subjects. In both the options, the student will be allowed to appear in the ATKT exam by paying necessary Examination Fees.

Re-joining Process:

- R 7.8** Upon completing the one-year detention period and successfully clearing the required ATKT/Backlog Courses/Subjects, the student shall rejoin the regular



semester with the current academic year's batch, following the curriculum applicable to that batch.

Upon rejoining, the student must fulfil all academic requirements of the respective semester in order to be eligible to appear in the regular end-semester examination.

R 7.9 All applicable fees charged for the purpose of examination will apply for re-appearance for the course.

R.8.0 Course Wise Grading of Students

R 8.1 Letter Grades and Grade Points (GP) are earned by the student for each course based on the aggregate of marks obtained through examination. The letter grades and the corresponding grade points, are as follows:

Letter Grade	Grade Points	Normalised Mark Range
O (Outstanding)	10	91-100
A+ (Excellent)	9	81-90
A (Very Good)	8	71-80
B+ (Good)	7	61-70
B (Above Average)	6	51-60
C (Average)	5	46-50
P (Pass)	4	40-45
F (Fail)	0	00-39
Ab (Absent)	0	Failure due to non-appearance in examinations without notification



For non-credit courses 'PASS' or 'FAIL' shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA.

R 8.2 A student is considered to have successfully completed a course and earned the credits if he / she secured a letter grade other than 'F' or 'Ab' in that course. A letter grade 'F' or 'Ab' or in any course implies a failure to have completed the course.

R 8.3 A course successfully completed cannot be repeated.

R.9.0 Revaluation

R 9.1 In case a candidate at a University Examination is not satisfied with the assessment of his / her answer-book/s in any paper/s in the end semester examination, he/she may apply for Re-Totalling or Re-Assessment as per the University policy.

R 9.2 If any discrepancy is noticed during Re-Totalling or Re-Assessment, the same shall be rectified and the originally awarded grade would be accordingly amended.

Revaluation is not applicable for End Semester Practical Examination and Final semester Project.

R.10.0 Grade Card

R 10.1 The grade card issued by the Registrar/Controller of Examinations to each student, after the announcement of the results will contain the following:

- a) The credits for each course registered for that semester.
- b) The letter grade obtained in each course
- c) The total number of credits earned by the student up to the end of that semester in each of the course categories



- d) The Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA) of all the courses taken from the 1st semester onwards for regular students and from 3rd semester onwards for lateral entry students.
- e) The final semester Grade Card shall reflect the SGPA of all semesters along with the Division awarded.

R 10.2 Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

SGPA is calculated using:

$$\frac{\sum_i^n C_i \times (GP)_i}{\sum_i^n C_i}$$

Where C_i = credit for the i^{th} course, $(GP)_i$ = the grade point obtained for the i^{th} course, n = total number of courses and the sum is over all the courses taken in that semester, including those in which the student has secured F grades

(a) CGPA is calculated using:

$$\frac{\sum_1^r S_i \times (SGPA)_i}{\sum_1^r S_i}$$

Where S_i = Sum of credit in i^{th} semester, $(SGPA)_i$ = Semester Grade Point Average earned in i^{th} semester and r = number of semester and the sum is over all the semester under consideration

R 10.3 The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

R 10.4 Conversion of CGPA to % can be done by multiplying with 10 (i.e. $10 * \text{CGPA}$).



R 10.5 If the candidate has not paid any dues to the institute / if any case of indiscipline / malpractice is pending against him, the results and the degree of the candidate will be withheld.

R 10.6 The institute shall have its own annual Graduation Day for the award of degrees to the students completing the prescribed academic requirements

R11.0 Award of Degree

R 11.1 A student shall be declared to be eligible for the award of the B.Tech degree, if he/she has

- (a) Registered and successfully completed the courses and projects as per the curriculum.
- (b) Successfully acquired, the required credits as specified in the curriculum corresponding to the branch of his/her study within the stipulated time duration.
- (c) No disciplinary action is pending against him/her.
- (d) A minimum cumulative Grade Point Average of 5.00 is required for obtaining the degree.

R 11.2 Class/Distinction will be awarded to the students after they successfully complete the B.Tech. programme as per the norms stipulated in the following table:

CGPA	Class/Distinction
≥ 5.0 & < 5.5	Pass
≥ 5.5 & < 6.5	Second Class
≥ 6.5 & < 8.0	First Class
≥ 8.0	First Class with Distinction

R.12.0 Conduct & Discipline

R 12.1 Expected Conduct and Discipline: Every student is required to:

- (a) Demonstrate ethical, professional and exemplary conduct and decorous behaviour inside GSFCU campus and not to indulge in any activity that will tend to bring down the prestige of the GSFCU.
- (b) Be self-motivated and to be self-disciplined.
- (c) Students shall strive to contribute to the happiness and well-being of the GSFCU community by supporting others to the best of their abilities.
- (d) Abide by the orders of the Honourable Supreme Court of India, and not to get involved in any acts of ragging in any form. Ragging is absolutely and completely prohibited in GSFCU.
- (e) Plagiarism, academic misconduct, and all forms of malpractice in assignments, projects, and reports shall be strictly prohibited.

R 12.2 Student discipline matters shall be dealt with in accordance with the Student Code of Ethics and other policies/guidelines issued and enforced by the University from time to time. Appropriate action shall be taken by the competent authority as per the provisions in force.

R 12.3 Any unfair means practiced during internal or end-semester examinations shall be dealt with in accordance with the GSFC University UFM Policy.

R 12.4 The admission of a student to the programme may be terminated and the student is asked to leave the University in the following circumstances:

- (a) the student fails to satisfy the program requirements within the stipulated maximum duration; or
- (b) the student fails to comply with the disciplinary norms prescribed by the University from time to time.

Any disciplinary matter related to students shall be dealt with in accordance with the University Code of Conduct and disciplinary policies in force from time to time.

R.13.0 Programme Suspension and Withdrawal

R 13.1 Suspension

- (1) A student may apply to the Registrar for suspension of studies until the end of the current or following term due to health, financial, or other valid reasons.
- (2) The student shall obtain the application form from the Registrar Office, complete it, and submit it along with the relevant supporting documents to the Registrar.
- (3) The Registrar, in consultation with the concerned Dean, shall decide whether to approve the application or not.
- (4) The suspension period shall normally not exceed two terms. Failure to resume studies after the approved suspension period shall result in the student being deemed to have unofficially withdrawn from the University.

R 13.2 Withdrawal

- (1) A student intending to leave the University before graduation shall obtain official withdrawal approval from the University, in alignment with the NEP 2020 provisions on multiple entry and exit.
- (2) The student shall complete and submit the prescribed application form available with the Registrar, in accordance with NEP 2020 provisions on structured student mobility and exit.
- (3) Withdrawal approval shall be granted by the Registrar only after obtaining clearance from the relevant units.
- (4) A student who leaves the University without going through the proper procedures will be considered as having unofficially withdrawn from



the University effective on the last day of the teaching term concerned.
An unofficially withdrawn student will not be issued any official documents of the University and will not be re-admitted.

R 14 Multidisciplinary and Choice Based Credit Framework

The University follows a flexible and multidisciplinary academic framework based on the Choice Based Credit System (CBCS) in alignment with the provisions of the National Education Policy 2020. The framework provides students with opportunities to learn at their own pace, undertake interdisciplinary and multidisciplinary courses, earn additional credits, and pursue academic flexibility through elective and skill-based learning pathways.

R 14.1 In addition to the regular curriculum requirements, students may opt for Generic Elective (GE), Multidisciplinary, Skill Enhancement, Ability Enhancement, Value Added, or other approved courses offered by the University from time to time. The credit structure and eligibility criteria for such courses shall be notified by the University.

R 14.2 Generic Elective or Multidisciplinary courses are generally offered from disciplines other than the student's parent programme with the objective of providing broader exposure and interdisciplinary learning opportunities.

Such courses may include, but are not limited to:

- Life Skill Courses
- Humanities and Social Science Courses
- Science and Technology Electives
- Management and Entrepreneurship Courses
- Skill Enhancement Courses
- Indian Knowledge System (IKS) Courses
- Environmental and Sustainability Courses



- R 14.3** The credits earned through additional or optional courses shall be reflected in the student's academic records/transcript. The applicability of such credits towards SGPA, CGPA, degree requirements, or Academic Bank of Credits (ABC) shall be governed by the applicable University regulations.
- R 14.4** Students have flexibility to change elective courses in the first week of semester. After one week, no changes will be accepted
- R 14.5** The University may specify the minimum and maximum intake requirements for offering any elective or multidisciplinary course.

R15.0 Change of Regulation

- R 15.1** Any clause of this regulation can be modified / changed/ amended by the President / Provost as may be expedient, provided that the same is placed before the academic council / Board of Management for ratification in the subsequent meeting.
- R 15.2** In case of any ambiguity or question of interpretation arises during the implementation of this regulation, the decision of the Provost shall be final.