



## **Modified Regulations for Four -Year Bachelor of Technology (B. Tech) Programme of Dibrugarh University 2009 (amended on dd/mm/2018)**

1. These Regulations shall be known as Dibrugarh University Regulations for Four Year Bachelor of Technology (B. Tech.) Programmes in the Credit Based System (CBS), 2009, hereinafter referred to as the B. Tech. Programme.
2. There shall be a Programme of study in Engineering and Technology leading to the B. Tech. Degree.
3. These Regulations shall be applicable to the students enrolled for the B. Tech. Programme of studies of Dibrugarh University Institute of Engineering & Technology of Dibrugarh University shall come into force from the Academic **Session 2018-2019**.

### **4. Definitions:**

- a) **Technical Institute /Campus:** The term 'Technical Institute/Campus' in the course of these regulation is used to mean the Dibrugarh University Institute of Engineering and Technology (or DUIET in short) for imparting the study in Engineering & Technology under the Dibrugarh University.
- b) **Branch:** The term 'Branch' of study of these regulations is used to mean a branch/ specialized programme of study with reference to the B. Tech. Programme.
- c) **Division:** The term 'Division' in a course of study of this regulation in a particular branch/department is as approved by the AICTE. The division in a programme of study (for example say Mechanical Engineering programme) in the B. Tech programme shall mean a unit comprising of certain number students as approved by the AICTE. Usually, a division comprises of 60 students as intake at the first semester level to a programme of study as approved by the AICTE. Subject to AICTE-approval a particular programme of study may have more than one division.
- d) **Govt.:** The term 'Govt.' in the course of these Regulations shall mean the Government of Assam.
- e) **AICTE:** In the course of these Regulations shall mean the All India Council for Technical Education, New Delhi.
- f) **Programme** The term 'Programme' is used to mean the whole learning experience or combination of courses in a particular field of study.
- g) **Course:** A Programme is divided into a number of courses, a course may be considered as a paper/subject in conventional education system.
- h) **Academic Year:** An academic year means a period of twelve months consisting of two semesters [e.g. 1<sup>st</sup> year comprising 1<sup>st</sup> & 2<sup>nd</sup> semesters]
- i) **Semester:** The term 'Semester' is used to mean a half-yearly course or term of studies including examinations, vacations and semester breaks. Each academic year consists of two semesters.
- j) **Semester Duration:** A semester normally extends over a period of 17/18 class weeks with a minimum of 30 hours of instruction spread over the week.

- k) In-semester: The word 'In-semester' is used to refer to the continuous studies and evaluations within the semester.
- l) End-semester: The word 'End-semester' is used to refer to the terminal process of examinations and evaluations at the end of but within the Semester.
- m) Credits: The term 'Credits' defines the quantum of contents/ syllabus prescribed for a course and determines the number of hours of instruction required per week. Thus, normally in each of the courses, credits will be assigned on the basis of number of contact hours in terms of lectures/ tutorials/ laboratory work and other forms of learning required to complete the course contents in a 15/16 week schedule:
- i) 1 Lecture per week = 1 Hour duration per week = 1Credit
  - ii) 1 Tutorials per week= 2 Hours duration per week = 1Credit
  - iii) 1 Practical per week = 2 Hours duration per week = 1Credit
- n) Course Teacher: The Director or a Professor/Associate Professor/Assistant Professor of the Institute shall be called a Course teacher. He/she shall perform the following functions.
- i) Preparing and offering a course with due approval from the statutory authorities.
  - ii) Preparing and/or teaching the core course along with other faculty members, wherever necessary
  - iii) Maintaining attendance and performance sheets of all the students registered for the course(s) he/she offers.
  - iv) Conducting of all In-semester and End-semester examinations including preparation of question papers, evaluation, scrutiny and finalization of results of the course(s) he/she offers
- o) Student Advisor: The Institute CBS Board shall appoint a 'Student Advisor' from amongst the faculty members for each group comprising a maximum of 15 students of the Department. A student advisor shall perform the following function.
- i) Counselling the students in choosing Elective, Optional Courses.
  - ii) Offering all possible student support services relevant to the programmes of study.
- p) CBS Board for the Institute: The 'CBS Board' for the Institute shall be constituted as below:
- i) Head of the Institute –Chairperson.
  - ii) All the course teachers –Members.
- q) Dibrugarh University CBS Board : There shall be a Dibrugarh University CBS Board and shall be constituted as below:
- i) Vice- Chancellor –Chairperson.
  - ii) Registrar –Member.
  - iii) Seven Chairpersons of the CBS Board of the Institute/Departments/Centres to be nominated by the Vice-Chancellor for a period of two years by rotation.
  - iv) Two members from the Examination Committee.
  - v) Controller of Examinations – Member Secretary.

5. The duration of the B. Tech Programme shall be of four academic years consisting of eight Semesters.

6. The four-year B. Tech. Programme is a full-time degree programme and no student shall be permitted to pursue simultaneously any other degree programme.

7. The medium of instruction and of examination of the B. Tech. Programme shall be English.

### 8. Admission Notification & Eligibility

- a. Newspaper notice inviting applications for admission into the different programmes of studies leading to the B. Tech degree shall be issued by the Registrar or any other person authorized for the purpose at least six weeks in advance of the date of admission. A student seeking admission in DUIET must fill in the DUIET application form for admission with photocopies of all relevant documents.

There will be three (03) categories of students who shall be eligible for admission to the B. Tech programme as stated below:-

**A) Eligibility Criterion I** *(for candidates seeking admission to the First Semester B. Tech Programme shall have to fulfill the following norms)*

- i) Passed the higher secondary examination (10+2) of AHSEC or any other recognized Board with English, Physics, Chemistry and Mathematics.
- ii) Must have secured at least 45% marks in aggregate in Physics, Chemistry and Mathematics (with 5% relaxation in aggregate marks for candidates belonging to the reserved categories of SC & ST).
- iii) Must be medically fit and should possess a good moral character.
- iv) Shall have to produce the citizenship certificate at the time of admission. Students from abroad shall have to fulfill the requisite conditions prescribed by the Govt. of India.

**B) Eligibility Criterion II** *[ for seeking admission to the 3<sup>rd</sup> semester of B. Tech programme through lateral entry for diploma holders (in Engineering)]*

- i) Must have passed the diploma examination of the State/Central Council/AICTE or any other equivalent examination in the same branch/course of study in which he/she wishes to pursue B. Tech degree programme. However, for joining the B. Tech degree programme in Petroleum Engineering through lateral entry at 3<sup>rd</sup> semester level a student who has passed the diploma examination in Petroleum Engineering, Mechanical Engineering or Chemical Engineering or from CIPET will also be eligible.
- ii) Must have secured at least 45% marks (with 5% relaxation for reserved categories of SC & ST) in aggregate in the diploma examination. However, such candidates must appear in a State level entrance test conducted by the University or a body recognized by the University. Admission will be given on the basis on the admission test. The admission test will have the following two compulsory components (1) Mathematics, (2) Aptitude Test and six optional components (1) Physics, (2) Chemistry, (3) IT & Computer and (4) Basics of Electronics & Electrical.
- iii) The candidates must be physically fit and possess a good moral character.
- iv) The student will have to produce the citizenship certificate at the time of admission. Students from abroad shall have to fulfill the requisite conditions as prescribed by the Govt. of India.

**C) Eligibility Criterion III** *(for admission at the 3<sup>rd</sup> semester B. Tech degree programme through lateral entry for B.Sc. candidates).*

A candidate seeking admission at the 3<sup>rd</sup> Semester level of a B. Tech degree programme through lateral entry in any branch must fulfill the following conditions.

- i) Must have passed B. Sc. Examination from a recognized University as defined by UGC and passed 10+2 with Mathematics as one of the subjects. Must have secured at least 45% marks (40% in case of candidates belonging to the reserved categories of SC & ST) in aggregate or in the major subject.
- ii) However, such a candidate must appear in a state level entrance examination conducted by the University or a body recognized by the University. Admission will

be given on the basis of the admission test. The admission test will have the following two compulsory components (1) Mathematics, (2) Aptitude Test and six optional components (1) Physics, (2) Chemistry, (3) IT & Computer and (4) Basic Electronics & Electrical.

- iii) Provided that the students belonging to B.Sc. Stream, shall clear the subjects Engineering Graphics/ Engineering Drawing and Engineering Mechanics of the First Year Engineering Programme along with the Second year subjects.
- iv) The candidates must be physically fit and should possess a good moral character.
- v) The student will have to produce the citizenship certificate at the time of admission. Students from abroad must fulfill the requisite conditions as prescribed by the Govt. of India.
- vi) In the above cases, suitable bridge courses, if required such as in Mathematics/ Physics/ Chemistry/ Engineering Graphics/ Engineering Mechanics/ Engineering Workshop/ Programming to problem Solving may be suitably designed and implemented.

- 9. The Institute/campus shall submit the list of admitted students along with all testimonials to the University within 30 days from the last date of admission for its approval, otherwise admitted students shall not be allowed to appear in the examination.
- 10. The last date of admission: No student shall be admitted to the First Semester [or Third Semester for lateral entry] after 15 days of the date of commencement of classes.

#### 11. Break-up of intake capacity

The intake capacity for admission at first semester level to any branch of study for B. Tech degree programme will be divided as follows.

- a) 25% of the total intake in each branch of studies will be admitted from the JEE (main) qualified candidates of the year in which admission is sought.
- b) 75% of the total intake in each branch of studies will be admitted from the CEE, Assam qualified candidates of the year in which admission is sought.

*Note: If a vacancy remains in category (a) it will be added to category (b) and vice-versa.*

- 12. Statutory reservation policy for the Govt. for SC/ST/OBC/MOBC shall be followed in admission to the First Semester of each programme of study individually. However, should a vacancy remain in any of the reserved category seats, these will be converted to general category seats.

#### 13. Course duration, structure and credit:

##### 13.1

- a) Each semester shall consist of 15/16 (fifteen/sixteen) weeks of teaching and approximately 4/3 (four/three) weeks for academic as well as other formalities including the semester examinations. Each week will have a minimum of 30 (thirty) contact hours
- b) The B. Tech programme shall be divided into the following two broad groups.
  - i) Odd semesters : comprising of 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> Semester
  - ii) Even semesters : comprising of 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> Semester
- c) A course offered in the B. Tech programme shall be any one of the following type-
  - i) Theory.
  - ii) Practical.
  - iii) Field Work/Project Work

##### 13.2

Course structures for various B. Tech programmes and the detailed syllabii of various courses for such programmes shall be mentioned in the syllabi of courses for all the B. Tech programmes

offered.

The total course package for B. Tech Degree Program will typically consist of the following components.

Structure of Undergraduate Engineering program		
Sl. No.	Category	Credit Break Up
1	Humanities and Social Sciences including Management courses	12
2	Basic Science courses	22
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc	24
4	Professional core courses	58
5	Professional Elective courses relevant to chosen specialization/branch	18
6	Open subjects – Electives from other technical and /or emerging subjects	12
7	Project work, seminar and internship in industry or elsewhere	16
8	Mandatory Courses [Environmental Sciences, Induction Program, Indian Constitution]	0
	<b>Total</b>	162

Each student should have cleared, with **C** or better grade, at least **162** credits to be Eligible for the award of the B. Tech. Degree.

There shall be a compulsory course on Environmental Studies in the 3<sup>rd</sup> semester B. Tech. programme. The procedure for this examination shall be as laid down in **Annexure I**. A student has to pass this course in order to qualify for the award of B. Tech Degree. However, no credit for this course shall be considered towards the calculation for SGPA and CGPA.

### 13.3

Credit: The term **credit** defines the quantum of contents/ syllabus prescribed for a course and determines the number of hours of instruction required per week. Thus, normally each course, credits will be assigned on the basis of number of contact hours in the form of lectures/ tutorials/ laboratory work and other forms of learning required to complete the course contents in a 15/16 week schedule:

- i) 1 Lecture per week = 1 Hour duration per week = 1 Credit
- ii) Tutorials per week = 2 Hours duration per week = 1 Credit
- iii) 1 Practical per week = 2 Hours duration per week = 1 Credit

## 14. DEGREE REQUIREMENTS:

The requirements for a student of B. Tech degree program are as follows:

(a) **Credit Requirements:** Minimum Earned Credit Requirements for the award of Degree is **162** with a CGPA of not less than **5**. This may be modified depending on the requirement in each semester. However total credit for all the branches should be the same and it is proposed here that the total credit requirement should be around 160 -162 for award of degree.

(b) The minimum duration for a student for complying with the Degree requirement is **FOUR** academic years from the date of first registration for his/her first semester.

(c) The maximum duration for a student for complying with the Degree requirement is **6 (Six)** academic years from the date of first registration for his/her first semester.

**15. ACADEMIC CALENDAR:**

The academic year is divided into two semesters.

The Board of Studies (BoS) shall approve the schedule of academic activities for an academic year including the dates of registration and End semester examinations. Each semester will normally be of **21 weeks**, which includes End semester examination. It may be ensured that the number of effective teaching days in a semester is **90**.

Teaching days in an academic year in the institute shall be as follows:

	<b>Number of weeks (5 day a week pattern)</b>
<b>Teaching and Learning Process</b>	<b>36 weeks (180 days)</b>
<b>Admission/ Examination / Preparation for examination</b>	<b>6</b>
<b>Vacation</b>	<b>8</b>
<b>Public holidays</b>	<b>2</b>
<b>Total</b>	<b>52</b>

Academic calendar declared by the institute in the beginning of each academic year shall also suggest Fest dates during which the co-curricular and extra-curricular programs like Technical seminars /Spring Spree/Institute Fest etc. are to be organized.

**16. Attendance:**

Following are the rules relating to attendance requirements:

- 16.1. Every student is expected to have 100% attendance in each course in which he/she has registered in the beginning of the semester. However, condonation for shortage of attendance up to 25% may be granted on On-duty, Medical or other genuine grounds. Such students must submit to the Director/Head of the Department, a medical/relevant certificate/document from the appropriate authority, within a week after they return to the Institute. Certificates submitted after one week shall not be entertained on any account.
- 16.2. Students not having the mandatory requirement of attendance in any course, shall not be permitted to appear for the end semester examination in that course and is awarded ‘R’ Grade in that course. Such student has to register for the course in which he / she has shortage of attendance, as and when the course is offered next.
- 16.3. a) If the period of absence is for a short duration (of not more than two weeks), application for leave shall have to be submitted to the Director, DUIET stating fully the reasons for the leave requested for along with supporting document (s). The Director, DUIET will grant such leave.  
 b) Absence for a period not exceeding two weeks in a semester due to sickness or any other

unavoidable reason for which prior application could not be made, may be condoned by the Director provided he/she is satisfied with the explanation.

- 16.4. If the period of absence exceeds two weeks, a prior application for grant of leave will have to be submitted to the Director with the supporting documents. The decision to grant or condone such leave shall be taken by the Director of the institute, if the attendance is at least 75%.
- 16.5. However, as per the new innovation and startup policy released by the MHRD in 2019, a student (3<sup>rd</sup> Semester onwards) involved in startup/innovative activities may be relaxed up to 60% in his/her percentage of attendance depending on the validity of the documents.
- 16.6. A resident student must take prior permission from the corresponding warden before proceeding on leave. Failing to do so will be construed as breach of discipline and will be dealt with as per provisions.

The percentage of attendance is calculated up to the last working day, and the percentage will be indicated by a Letter Code in Grade Sheet for the semester against each course as follows:

Sl. No	Attendance	Remarks	Code
1	95% and above	Very Good	VG
2	85% to 94%	Good	G
3	75% to 84%	Normal	N
4	Below 75%	Repeat	R

A student representing the Institute in approved extracurricular activities such as Sports, Games, Cultural meets, Seminar, Workshop, Conference and Interview arranged through Training & Placement Department, shall be considered as on-duty subject to a maximum of five days in a semester. Prior permission from competent authority is required for availing on-duty permission. However, this period of absence shall be counted as present for the purpose of computation of attendance letter grade only.

## **17. PROMOTION RULES:**

**For promotion to the next higher semester, a student (i) must be a regular student of the concerned semester (ii) must appear in the examination of the concerned semester and also**

**(iv) fulfill the following conditions:**

**17.1.** A student has to clear all the 1st semester subjects including laboratory, workshop, project etc. at least with P grade for attending the classes in the 5th Semester.

**17.2.** A student has to clear all the 2<sup>nd</sup> semester subjects including laboratory, workshop, project etc. at least with P grade for attending the classes in the 6th Semester.

**17.3.** A student has to clear all the 3rd semester subjects including laboratory, workshop, project etc. at least with P grade for attending the classes in the 7th Semester.

**17.4.** A student has to clear all the 4<sup>th</sup> semester subjects including laboratory, workshop, project etc. at

least with P grade for attending the classes in the 8th Semester.

**17.5.** If a student is unable to qualify the course within six (6) years then he/she will be declared as *not eligible for B. Tech programme offered by Dibrugarh University.*

## **18. Examination:**

### **(I) General Remarks**

- i) There shall be one end-semester examination to be held towards the end of the semester.
- ii) The course teacher shall evaluate the answer scripts and submit the marks as well as letter grades to the Chairperson of the Institute CBS Board.
- iii) The Institute CBS Board shall prepare the results of each examination and notify the same before sending these to the Controller of Examinations for declaration of results and preparation of Grade sheet.
- iv) For End-semester examination (i.e. viva voce/oral examination) for field work/project work an examination board shall be constituted with the project supervisor/course teacher, other teachers of the department and an external examiner appointed by the Controller of Examination on recommendation of the course teacher through the Chairperson of the Institute CBS Board. The modalities and timing of viva-voce examination shall be decided by the Institute CBS Board.
- v) The Institute CBS Board shall forward the results prepared for each semester examination for declaration of results by the Controller of Examinations.
- vi) Before declaring the results of End-semester examinations, the Controller of Examinations shall convene a meeting of the University CBS Board to scrutinize the results of both In-Semester and End-Semester examinations. The Board may seek clarification or call for answer scripts if it feels necessary from the course teacher(s) concerned in the matter of over-marking or under-marking during examination(s).
- vii) The Controller of Examinations shall declare the results of the Institute CBS programmes and issue Grade-sheets.
- viii) The first rank holder of a programme may be decided on the basis of Overall Weighted Percentage of Marks (OWPM) of the core and the elective courses considered for calculation of CGPA.

### **(II) Examination for various types of courses:**

Evaluation will be done on a continuous basis throughout the entire semester for all the three (03) types of courses, namely,

Theory,

Practical &

Courses related to Project work/field work

#### **a) For Theory Courses**

1. 70% of the total marks for the concerned theory shall be reserved for the End-semester examination. This component will be known as Theory component. The End-semester examination will be a written examination for such courses. Percentage of marks allotted on the basis of difficulty level is as follows:  
Easy-60%, Moderate-30% and Difficult-10% (Easy: Remember/Understanding; Moderate: Apply/Analyze; Difficult: Evaluate/Create)
2. 30% of the total marks for the course concerned shall be reserved for **Continuous Evaluation (CE)**. This process comprises of two parts:



- (i) Mid-semester Examination/Quiz (10 Marks; 33.33%)  
(Remember/Understanding)
- (ii) Any two of the following assessments:  
Assignment/ Presentation/ Group Discussion/ Case Study/ Mini Project (10+10 marks; 33.33%+ 33.33%) (Analyse/Evaluate/Create)

This component of the course will be known as sessional component.

- 3. A student shall be declared to have passed a course provided he/she has secured 40% marks in overall in that course out of which he/she must score at least 40% in the end semester examination of that course.
- 4. The mode and nature of the evaluation and the corresponding weightages, for the **Continuous Evaluation (CE)** process shall be intimated to the students at the beginning of the semester along with the lecture schedule.

**b) For Practical Courses**

- i) 70% of the total marks for the concerned practical shall be allotted for the End-semester examination. The End-semester examination for such a course has the following mark distribution:
  - (a) Viva-Voce (20 marks (28.5%))
  - (b) Logic/ Theory Writing of Experiment Performed (20-25 marks (28.5%-35.7%))
  - (c) Execution/Laboratory Performance (25-30 marks (35.7%- 42.8%))
- ii) 30% of the total marks for the concerned course under the category of practical courses shall be reserved for **Continuous Evaluation** throughout the entire semester. This component of the course will also be known as sessional component. This evaluation process includes three components,
  - (a) Viva-Voce / Demonstration / Mini project / Mid-Sem Exam (10 marks (33.33%)) (Understanding/Apply/ Analyse)
  - (b) Lab Copy (10 marks (33.33%))
  - (c) Physical Involvement in the lab experiments (10 marks (33.33%))
- iii) A student shall be declared to have passed a course provided he/she has secured at least 50% of total marks (50) in overall, out of which he/she must have secured 50% in the end semester component.

**(c) For Course relating to field/project work**

- i) For this type of courses 30% of the total marks for the concerned course shall be reserved for the End-semester examination. The end-semester examinations for such a course has the following parts,
  - (a) Demonstration/Presentation (20 marks (28.5%))
  - (b) Panel/External Evaluation (10 marks (14.3%))
- ii) For this type of courses 70% marks for the concerned course shall be reserved as sessional component which includes,
  - (a) 1st Review (20 marks (28.5%))
  - (b) 2nd Review (20 marks (28.5%))
  - (c) Evaluation by Supervisor (Project Report Evaluation) (30 marks (42.8%))
- iii) A student shall be declared to have passed the field/project work provided he/she has secured at least 50% of total marks (100).

**(III) Examination Schedule:**

- i) The End-Semester Examination schedule shall be notified by the Institute CBS Board with intimation to the Controller of Examinations. The date and schedule shall be notified at least twenty days in advance by the Institute.

- ii) End-semester Practical examinations shall normally be held before the theory examinations.
- iii) A Compartmental examination for odd semester courses shall be held during the Semester Break following the even semester courses (i.e during the 2<sup>nd</sup> half of the month of July). Similarly, another Compartmental examination for even semester courses shall be held during the Semester Break following the odd semester courses (i.e. during 2<sup>nd</sup> half of the month of January)

### 19. Marks and Grading

- i) The absolute grading shall be applied in the marking and grading system.
- ii) Both the marks secured in the End-semester examination and the sessional component of a course shall be considered for declaration of result.
- iii) The following scale of grading system shall be applied to indicate the performances of students in terms of letter grades and grade points is as indicated below:

Marks obtained in a Course (End Semester Exam & Sessional component Cumulative)	Letter Grade	Grade Point, G	Description Performance of
90-100	O	10	Outstanding
80-89	A+	9	Excellent
70-79	A	8	Very Good
60-69	B+	7	Good
50-59	B	6	Average
40-49	C	5	Below Average
<40	F	0	Fail

- iv) The percentage of marks obtained by a candidate in a course shall be indicated in a letter grade. A student is considered to have completed a course successfully and earned the prescribed credits if he/she secures a letter grade other than F (Failed).
- v) If a candidate secures 'F', he/she shall have to clear it in the compartmental examination.
- vi) A student is awarded grade 'R' for 'Insufficient attendance' in a particular course. (See rule 16.2).
- vii) A student is declared as "**B. Tech with Honours**" if he/she
  - (a) has CGPA  $\geq 8.5$  and passed each semester from 1st to 8<sup>th</sup> in a single attempt.
  - OR
  - (b) passed each semester from 1st to 8<sup>th</sup> in a single attempt and completed online course of 20 credits (in addition to the total course credit 162) through MOOCS platform (such as SWAYAM, NPTEL etc. as recognized by AICTE ).
 And is mentioned as 1<sup>st</sup> Class (Hons.) in grade sheet and B. Tech (Hons.) in result sheet as well as in pass certificate.
- viii) Results of the candidates appeared in the 'Compartmental/Betterment examinations of eighth semester shall not be counted for the award of Prizes/Medals, Rank or Distinction.
- ix) A candidate shall have to pay a prescribed fee to appear in the 'Compartmental/Betterment examinations' fixed by the University from time to time.
- x) The total performance within a semester shall be indicated by a Semester Grade Point Average (SPGA) as follows

$$SGPA = \frac{\sum C_i G_i}{\sum C_i}$$

Where,  $C_i$  = No. of credits for the  $i^{\text{th}}$  course of the semester

$G_i$  = Grade points obtained by a student in the  $i^{\text{th}}$  course of the semester

Individual SGPA will be computed and communicated to the students on their performances in all the eight semester courses.

- xi) The continuous performance starting from the 3<sup>rd</sup> semester onwards only shall be indicated by a Cumulative Grade Point Average (C.G.P.A) and this will be the real indicator of a student's performance under the B. Tech programme of the University.

C.G.P.A. will be computed and communicated to the students on their performances beyond third semester courses only. In other words, S.G.P.As of first and second semester courses will not be considered while computing C.G.P.A. in higher semester courses beyond third semester.

As performance of a student starting from 3<sup>rd</sup> semester onwards only will be considered for the calculation of C.G.P.A, the following formulation for the calculation of C.G.P.A. will be used.

$$\text{C.G.P.A} = \frac{\sum_{n=3}^n \sum C_{ni} G_{ni}}{\sum_{n=3}^n \sum C_{ni}}$$

Where,  $C_{ni}$  = No. of Credit of the  $i^{\text{th}}$  course in the  $n^{\text{th}}$  semester

$G_{ni}$  = Grade point earned by a student in the  $i^{\text{th}}$  course in the  $n^{\text{th}}$  semester.

CGPA will be computed on the basis of the formula mentioned above for each semester starting from Third semester onwards and will be communicated to the students along with the SGPA for that semester.

The degree will be awarded on the basis of the Cumulative Grade Point Average at the end of the 8<sup>th</sup> semester examination as calculated below.

$$\text{C.G.P.A} = \frac{\sum_{n=3}^8 \sum C_{ni} G_{ni}}{\sum_{n=3}^8 \sum C_{ni}}$$

A scale of 10 will be used in the computation of SGPA or CGPA for finding the performance of a student in various semester courses.

Both SGPA and CGPA will be rounded off to second place of decimal and recorded as such. Whenever these CGPA are to be used for the purpose of determining the merit ranking of a group of students, only the rounded off values will be used.

C.G.P.A at the end of Eighth Semester	Description of performance	Class
9.00 – 10.00	Outstanding	1 <sup>st</sup> Class
8.00 – 8.99	Excellent	
7.00 – 7.99	Very Good	
6.50 – 6.99	Good	
5.50 – 6.49	Average	2 <sup>nd</sup> Class
5.00 – 5.49	Below Average	
0 – 3.99		Failed

20. For the B.Sc. students joining directly at 3<sup>rd</sup> semester of B. Tech programme through lateral entry must pass the following additional courses of first and second semester syllabi along with the courses/subjects of 3<sup>rd</sup> and 4<sup>th</sup> semester syllabi respectively. However credits for these courses will not be considered in the computations of SGPA and CGPA.

Course No.	Name of the Subject	To appear in the examination of:-
ESC 102	Engineering Graphics	3 <sup>rd</sup> Semester
ESC 202	Engineering Mechanics	4 <sup>th</sup> Semester
ESC 212	Engineering Mechanics Lab.	4 <sup>th</sup> Semester

**Note:**

- i) The grade-sheets of B. Tech 3<sup>rd</sup> Semester Examination (Regular/Compartmental) of the students admitted at 3<sup>rd</sup> semester level through Lateral entry should reflect the Subject '**Engineering Graphics**'.
- ii) The grade-sheets of B. Tech 4<sup>th</sup> Semester Examination (Regular/Compartmental) of the students admitted at 3<sup>rd</sup> semester level through Lateral entry should reflect the Subject '**Engineering Mechanics & Engineering Mechanical Lab.**'

## 21 Change of Branch

Normally a student admitted to a particular branch of B. Tech programme will continue studying in that branch till the completion of the course.

However, subject to availability of a vacancy in a branch, limited branch transfer from one branch to another may be allowed after the completion of 2<sup>nd</sup> semester and before the start of the 3<sup>rd</sup> semester classes on the basis of average SGPA of 1<sup>st</sup> and 2<sup>nd</sup> semesters. Such a limited branch-transfer will be subject to the following conditions.

- i) Vacancy in the branch exists if the number of students currently studying in second semester in a branch is less than the sanctioned intake strength by the AICTE in that branch. The number of such a vacancy will equal the number by which the number of students studying in the second semester in that branch falls short of its sanctioned intake strength.
- ii) A student will be eligible for consideration of a change of branch after the 2<sup>nd</sup> semester if he/she has successfully completed the first semester course with minimum SGPA 7.5 in his/her first attempt without having any backlogs in the first semester examination.
- iii) Applications for a change in branch must be made by filling up a form by intending eligible students towards the end of 2<sup>nd</sup> semester in response to a notification.
- iv) A committee duly constituted by Director, DUIET having one member from each Department as "Branch-transfer Committee at 3<sup>rd</sup> Semester" will select students for change of branch through an open counseling.
- v) Change of branch will be allowed strictly on merit judged on the basis of performance in the 1<sup>st</sup> year examination. In case of a tie, the grades secured in "Mathematics-I" in the first semester examination will be considered. In case of the tie the grades secured in 'Physics-I' of 2<sup>nd</sup> semester will be considered.
- vi) Change of branch once allowed will be final and will be binding on the student and no further change will be permitted.

## 22 Student Redressal

- i) A candidate may apply to the Institute CBS Board for scrutiny/revision of the grades awarded in any of the courses within one week of the declaration of the results on payment of a prescribed fee as may be fixed by the University from time to time.  
Provided that revision should be done before the document reaches the Controller of Examinations, DU.
- ii) The Institute CBS board may have the answer scripts of the aggrieved candidates re-examined by the course teacher, if the appeal of the candidate(s) is found to be genuine.

- iii) An aggrieved candidate may be allowed to have a look on his/her answer script(s) by the Institute CBS Board, if the appeal of the candidate(s) is found to be genuine.

### 23 Fees

The Admission, Course and other fees for B. Tech. Programme shall be notified as prescribed by the University from time to time.

### 24 Any other Matter

- i) For any matter not covered under these Regulations for the Institute CBS Programmes, the existing University Rules, Ordinances and the Dibrugarh University Act, 1965 (as amended) shall be applicable.
- ii) Any difficulty which may arise in the course of operation of these Regulations relating to holding of the examinations shall be removed by the Examination Committee of the University.
- iii) Provisions in the relevant existing Rules and Regulations of the University which are not in conformity with these Regulations shall stand repealed to the extent of their inconsistencies with these Regulation.

## ANNEXURE - I

### RULES FOR CONDUCT OF THE EXAMINATION ON THE PAPER 'ENVIRONMENTAL STUDIES IN THE B.TECHCOURSES

1. There shall be a compulsory paper on Environmental Studies to be offered by the students in the Third semester of the B. Tech programme and the examination for the same shall be held along with the B.A./B.Sc./B.Com programmes.
2. The total marks for the paper shall be 100 and the lectures and marks for the units in the course shall be as per the syllabus approved by the Under Graduate Board Dibrugarh University.
3. A student must secure 30% marks in order to pass in the paper.

## ANNEXURE - II

### PROCEDURE FOR ASSESSMENT

1. For each theory course, break up of marks shall be as follows
  - a) End-Semester Examination - 70marks
  - b) **Continuous Evaluation- (Tutorial/Home Assignment/Seminar/Quizzes/Class Test) - 30marks**
2. For each practical course, break up of marks shall be as follows
  - a) End-semester Examination - 30marks
  - b) Report Writing/Skill Test - 20marks

**DIBRUGARH UNIVERSITY  
MODIFIED REGULATIONS FOR FOUR YEAR BACHELOR OF  
TECHNOLOGY (B.TECH.) PROGRAMME**



**DIBRUGARH UNIVERSITY  
DIBRUGARH-786004**

