Academic Rules for B.E/B.Tech FOUR YEAR DEGREE COURSE

(With effect from 2020-21)

I. Preliminary Definitions and Nomenclature

These rules are applicable to the students who are admitted to BE/B.Tech (Eight Semesters) Programme from the academic year 2020-21. The preliminary definitions and nomenclature are furnished in the following table.

S. No	Keywords	Definition
1.	Programme	An educational Programme leading to award of a Degree **BE/B.Tech**
2.	Admission Procedure	As prescribed by Government of Telangana
3.	Academic Year	Two consecutive (one odd + one even) semesters constitute one academic year.
4.	Semester	Each semester will consist of 15-17 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
5.	Course	Usually referred to, as "papers / subjects" is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives* and learning outcomes*. A course may be designed to comprise Lectures / Tutorials / Laboratory work / Mini Project / Project Work / Seminars / Exams /Viva / Assignments / Presentations / Internship / Activity Point (Non-credit) / Self-study etc. or a combination of some of these. The medium of instruction, examinations and project report will be in English. *As per AICTE Course Objectives and Course Outcomes (COs)
6.	Credit	A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work per week.
7.	Letter Grade	It is an index of the performance of students in a said course. Grades are denoted by letters like S, A, B, C, D, E, F etc.
8.	Grade Point	It is a numerical weight allotted to each letter grade on a10-point scale.
9.	Credit Point	It is the product of grade point and number of credits for a course

10.	SGPA	Semester Grade Point Average (SGPA), it is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
11.	CGPA	Cumulative Grade Point Average (CGPA), it is a measure of overall cumulative performance of a student over all 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.
12.	Grade Sheet	Based on the grades earned, a grade sheet shall be issued to all the registered students after every semester. The grade sheet will display the course details (Course title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.

II. Types of Courses in the Programme

Courses in a programme may be of the following kinds:

- Humanities and Social Sciences including Community Engagement and Management Courses
- Basic Science Courses
- Basic Engineering Science Courses including Engineering Exploration / workshop, drawing, basics of electrical/mechanical/computer etc.
- Professional core courses
- Professional Elective courses relevant to chosen specialization/branch
- Open Electives Courses – Electives from other Technical and Emerging Areas
- Project work, Mini Project, Seminar and Internship in Industry or elsewhere
- Mandatory (non-credit)Courses: Environmental Sciences, Induction Program, Indian Constitution, Essence of Indian Traditional Knowledge, Gender Sensitization and Activity Points

III. Contact hours and credits

The norms for course credits are as follows:
Lecture (L) / Tutorials (T): One (1) hour per week is assigned one (1) credit (C).
Practical (P): Two (2) hours session per week is assigned one (1) credit (C).
For example, a theory course with a L-T-P schedule of 2-1-0 will be assigned three (3) credits.

L	T	P	C
2	1	0	3

A laboratory practical course with a L-T-P schedule of 0-1-3 will be assigned two and half (2.5) credits.

L	T	P	C
0	1	3	2.5

A laboratory practical course with a L-T-P schedule of 0-0-2 will be assigned one (1) credit.

L	T	P	C
0	0	2	1

IV. Course Structure and Sample Scheme for eight semesters

The following table shows the course structure with the credit weightage distribution.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)					
Name of the Program : B.E/B.Tech (Detailed Structure)					
L-Lecture, T-Tutorial, P-Practical / Drawing / Project / Seminar					
Sl. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1. Humanities and Social Sciences including Management courses (11.5Credits)					
1	English	2	0	2	3
2	Employability Skills	0	0	2	1
3	Engg. Economics and Accountancy	3	0	0	3
4	Universal Human Values-2: Universal Harmony	3	0	3	3
5	Community Engagement	0	0	3	1.5
2. Basic Science courses (22 Credits)					
1	Physics	3	0	4	5
2	Chemistry	3	0	4	5
3	Mathematics – I	3	1	0	4
4	Mathematics – II	3	1	0	4
5	Mathematics – III	3	1	0	4
3. Basic Engineering Science Courses (BESC) (21.5 Credits)					
1	Workshop/Manufacturing Practice	0	1	3	2.5
2	Computer Aided Design & Drafting	1	1	3	2.5
3	Engineering Mechanics-I/ Industry 4.0	3	1	0	3
4	Programming for Problem Solving	3	0	4	5
5	Basic Electrical Engineering	3	0	2	4
6	Sensors & Instrumentation / Basic Electronics/ Basics of Data Structures/ Engineering Mechanics-II	2	0	2	3
7	Engineering Exploration	0	0	3	1.5
4. Professional Core Courses (PCC) (48 – 64 Credits) (The Programmes which are offering PCC credits between 48 and 64, the difference credits shall be offered as Professional Elective Credits or Open Elective Credits in addition to the credits allotted under PEC and OEC categories.)					
5. Professional Elective Courses (PEC): Relevant to the chosen specialization/branch (12 - 18 Credits) (Four to Six Electives to be offered by the respective department Board of Studies.)					
6.Open Elective Courses (OEC) –Electives from other technical and /or emerging subjects (15-9 Credits) (Five to three open electives are to be offered by the respective department Board of Studies.) Note: The total number of credits of Serial No's. 4, 5 & 6 should be 91.					
7. Project work, Seminar & internship in industry or elsewhere (14 Credits)					
i	Project Part-1 -(VII Semester)	4 hrs. per week			2
iii	Project Part-2 -(VIII Semester)	8 hrs. Per week/180 hrs. Industry			4
iv	Technical Seminar (VII or VIII Semester)	2 hrs. per week			1
v	**Internship-I:** Industrial/ Inter or Intra-Institutional Training/Internship (after 2nd or during 3rd Semester)	90 hrs.			2
vi	**Internship-II:** Industrial Internship /Rural Internship (after 4th or during 5th Semester)	90 hrs.			2
vii	**Internship-III:** Industrial Internship (after 6th or during 7th Semester)	135 hrs.			3
Total Credits					160
8. Mandatory Courses: Environmental Sciences, Induction program, Indian Constitution, Essence of Indian Traditional Knowledge, Gender Sensitization Induction Program is to be conducted for a period of 3 weeks.					
9. Activity Points: (Mandatory) Communication, Team Work and Leadership skills: 60 to **100 Points e-Portfolio**					

A sample scheme/plan of study from I-semester to VIII-semester is furnished in the following tables and it is common to all the disciplines of B.E/B.Tech.

GROUP-1 (CSE, IT, AI&DS, Bio-Tech)					
SEMESTER-I					
S. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1	Mathematics -1/ Basics of Biology -I	3	0	2	4
2	Physics	3	0	4	5
3	Programming for Problem Solving	2	1	4	5
4	CAD & Drafting		1	3	2.5
5	English	2	-	2	3
6	Community Engagement (30 field+2P/W)			3	1.5
Total		10	02	18	21
Clock Hours per week : 30					

GROUP-1 (CSE, IT, AI&DS, Bio-Tech)					
SEMESTER-II					
S. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1	Mathematics -2/ Basics of Biology -2	3	0	2	4
2	Chemistry	3	0	4	5
3	PPRE	3		-	3
4	Workshop/ Manufacturing Practice			5	2.5
5	OOPs/BEE	3	-	2	4
6	Engineering Exploration			3	1.5
Total		12	0	16	20
Clock Hours per week : 28					

GROUP-2 (CE/ECE/EEE/Mech/Chem)					
SEMESTER-I					
S. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1	Mathematics -1	3	1	0	4
2	Chemistry	3		4	5
3	Engineering Mechanics-I	3		-	3
4	Workshop/ Manufacturing Practice	0	0	5	2.5
5	Programming for Problem Solving	2	1	4	5
6	Engineering Exploration			3	1.5
Total		11	2	16	21
Clock Hours per week : 29					

GROUP-2 (CE/ECE/EEE/Mech/Chem)					
SEMESTER-II					
S. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1	Mathematics -2	3	1	0	4
2	Physics	3	0	4	5
3	Basic Electrical Engineering	3	0	2	4
4	CAD & Drafting	-	1	3	2.5
5	English	2	-	2	3
6	Community Engagement (30 field+2P/W)			3	1.5
Total		11	2	14	20
Clock Hours per week : 27					

GROUP-1 (CSE, IT, AIDS, Bio-Tech)					
SEMESTER-III					
S. No	Name of the Course	No . of Hours			Credits
		L	T	P	
1	BEE./Bio-Tech Basic Sc Course	3		2	4
2	BDS/ S&I/ BE BDS/ S&I/ BE/	3	0	2	4
3	**Core- 2**				**13**
4	**Core- 3**				
5	**Core- 4**				
~~6~~	Indian Constitution	2	-	-	NC
7	Essence of Indian Traditional Knowledge	2	-	-	NC
	MOOCs/Training/Internship	2-3 weeks/90 hours			2
	Total				21+2
Clock Hours per week :					

GROUP-1 (CSE, IT, AIDS, Bio-Tech)					
SEMESTER-IV					
S. No	Name of the Course	No . of Hours			Credits
		L	T	P	
1	Mathematics -III	2	1	2	4
2	**Core - 5**				**12**
3	**Core - 6**				
4	**Core - 7**				
5	PE1	3			3
6	EE&A	3			3
7	Environmental Science	2	-	-	NC
	Total				22
Clock Hours per week :					

GROUP-2 (CE/ECE/ EEE/Mech/Chem)					
SEMESTER-III					
S. No	Name of the Course	No . of Hours			Credits
		L	T	P	
1	Mathematics - 3	3	1	0	4
2	BDS/EM-II/BE/S&I	3	0	0	3
3	**Core- 1**				**14**
4	**Core- 2**				
5	**Core- 3**				
6	EE&A	3			3
7	Environmental Science	2	-	-	NC
	MOOCs/Training/ Internship	2-3 weeks/90 hours			2
	Total				24+2
Clock Hours per week :					

GROUP-2 (CE/ECE/EEE/Mech/Chem)					
SEMESTER-IV					
S. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1	PE1	3	-	-	3
2	**Core -4**				**16**
3	**Core -5**				
4	**Core -6**				
5	**Core -7**				
6	Indian Constitution	2	-	-	NC
7	Indian Traditional Knowledge	2	-	-	NC
	Total				19
Clock Hours per week :					

SEMESTER- V (Both the groups)					
S. No	Name of the Course	No . of Hours			Credits
		L	T	P	
1	**Core – 8**				**16**
2	**Core – 9**				
3	**Core – 10**				
4	**Core – 11**				
5	Professional Elective - 2	3	-	-	3
6	Open Elective- 1	3	-	-	3
	Industrial / Rural Internship	3-4 weeks/ 175 hours			2
Total					22 +2
Clock Hours per week :					

SEMESTER-VI (Both the groups)					
S. No	Name of the Course	No . of Hours			Credits
		L	T	P	
1	**Core 12**				**18**
2	**Core 13**				
3	**Core 14**				
4	**Core 15**				
5	Professional Elective - 3	3	-	-	3
6	Employability Skills (GA-V SEM and GB-VI SEM)	-	-	2	1
Total					22
Clock Hours per week :					

SEMESTER- VII(Both the groups)					
S. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1	Professional Elective -4	3	-	-	3
2	Open Elective - 2	3	-	-	3
3	Professional Elective – 5	3	-	-	3
4	Open Elective - 3	3	-	-	3
5	Gender sensitization	2	-	-	NC
6	Project Part 1	-	-	4	2
	Internship	4-6 weeks / 180 hours			3
Total		12 +2	-	4	14+3
Clock Hours per week : 25					

SEMESTER-VIII(Both the groups)					
S. No	Name of the Course	No. of Hours			Credits
		L	T	P	
1	Open Elective -4	3	-	-	3
2	Technical Seminar	-	-	2	1
4	Project Part 2			12*	4
Total		3		14	8
*180 hrs for the students working on the paid internship during VIII SEM Clock Hours per week : 17					

Credit Summary...									
Semester	I	II	III	IV	V	VI	VII	VIII	Total
Credits	41		45(43+2)		46(44+2)		25(22+3)		157(150+7)
UHV-2								3	3
Total	160								

- In place of 'Mathematics-1 & 2', ' Basics of Biology -1&2' will be introduced for Bio-Tech (MPC) stream, and 'Engineering Mathematics- 1 & 2' will be introduced for Bio-Tech (BiPC) stream.

The time-table is prepared with the following timings

1st Hour	2nd Hour	3rd Hour	Lunch	4th Hour	5th Hour	6th Hour
09:10-10:10	10:10-11:10	11:15-12:15	12.15-13.15	13:15 14:15	14:15-15:15	15:20-16:20

V. Examination, Assessment and Letter Grades/Grade Points

In assessing the performance of the students in examinations, the approach is to award marks based on the examinations conducted at various stages (CIE and Semester End Examination) in a semester. These marks are converted to letter grades based on absolute grading system to award the grades.

As per the UGC recommendations, the following system will be implemented in awarding the grades and CGPA.

Letter Grades and Grade Points:

The absolute grading mechanism is followed in mapping the letter grades. The marks are converted to grades based on pre-determined class interval. As per the UGC recommendations, a 10-point grading system with the following letter grades is followed. The same is furnished in the following table for theory courses and laboratory/project/seminar courses.

Theory Courses…..			
Academic Performance	Letter grade	Grade points	Performance
90% ≤ Marks ≤ 100%	S	10	Outstanding
80% ≤ Marks < 90%	A	9	Excellent
70% ≤ Marks < 80%	B	8	Very Good
60% ≤ Marks <70%	C	7	Good
50% ≤ Marks < 60%	D	6	Average
40% ≤ Marks<50%	E	5	Pass
0% ≤ Marks < 40%	F	0	Fail
	Ab	0	Absent

Laboratory/Projects/ Seminars/Internships…….			
Academic Performance	Letter grade	Grade points	Performance
90% ≤ Marks ≤ 100%	S	10	Outstanding
80% ≤ Marks < 90%	A	9	Excellent
70% ≤ Marks < 80%	B	8	Very Good
60% ≤ Marks <70%	C	7	Good
50% ≤ Marks < 60%	D	6	Average/Pass
0% ≤ Marks < 50%	F	0	Fail
	Ab	0	Absent

A student obtaining Grade F shall be considered failed and will be required to reappear for the examination. 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. For the non-credit courses, the students must have secured 'Pass' for the award of degree along with other requirements.

VI. Computation of **SGPA** and **CGPA**

The computations of **SGPA** and **CGPA** are followed as per the UGC guidelines.
The **SGPA** is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$\mathbf{SGPA\ (Si) = \Sigma(Ci \times Gi) / \Sigma Ci}$$

Where **Ci**is the number of credits of the i^{th} course and **Gi** is the grade point scored by the student in the i^{th} course

The **CGPA** is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e

$$\mathbf{CGPA = \Sigma(Ci \times Si) / \Sigma\ Ci}$$

Where **Si** is the **SGPA** of the i^{th} semester and Ciis the total number of credits in that semester.
The **SGPA** and **CGPA** shall be rounded off to 2 decimal points and reported in the transcripts.

Grade Sheet: Based on the above guidelines on Letter grades, Grade points and SGPA and CCPA, the institute issues the grade sheet for each semester and a consolidated grade sheet indicating the performance in all semesters.

VII. Assessment Procedures for Awarding Marks

The distribution of marks is based on CIE and the Semester End Examination shall be as follows:

Course (in terms of credits)	CIE	Semester End Examination(SEE)	Remarks	Duration of Semester End Examination
Three(3) Credits/ Four(4) Credits	40	60	Theory Course	3 Hours
Two and Half Credits(2.5)	50	50	CAD& Drafting/Workshop	3 Hours
Two(2) Credits	40	60	Theory	3 Hours
Three (3),Two(2) Credits/One and Half(1.5) Credits	50	50	Lab Course/Workshop	3 Hours
One(1) Credit	50	50	Lab Course	3 Hours
Two(2) Credits	50	---	Project Part 1	----
Four (4) Credits	100	100	Project Part 2	Viva
One (1) Credit	50	---	Technical Seminar	----
One(1) Credit	50	---	Mini Project	----
Non- Credit	---	50*	Environmental Sciences, Indian Constitution and Essence of Indian Traditional Knowledge	2 Hours

*Pass/Fail**CIE: Continuous Internal Evaluation (Max. Marks: 40)**

S. No	Assessment Tool	No. of tests	Description	Max. Marks	Remarks
1	Class Tests	2	Average of two tests, each of 20 marks	20	
2	a) Course end project/ Open ended problem/ Case Study	1	Evaluation as per the assessment rubrics (minimum 2 reviews)	10	Assessment methods either (a) or (b) can be opted as per the scope.
	b) Assignments(should be from BL4 and BL5)	2	Average of two assignments, each of 10 marks		
3	Slip Tests	3	Three slip tests and average of the best two slip tests	5	
4	Attendance	5	5 marks >=85% ; 4 marks >=80%; 3 marks >=75%; 2 marks >=70%; 1 marks >=65%.	5	
	Total marks			40	

The SEE question paper will contain two parts, Part-A and Part-B. Part- A contains five (5)*questions (15 marks), one from each unit carrying a weightage of 3 marks. Part-B carries 45

marks with five questions (each 9 marks) covering all the five units with internal choice. Questions in Part-A and part-B may have subdivision

Note: Student has to secure minimum 50% of the marks of the courses having only CIE. If student fails to secure 50% of marks, then he/she has to re-register for the course in the subsequent semesters whenever it is offered.

Minimum pass marks for theory course is 40% of total CIE and SEE marks where as for the lab course/project it is 50%.

For non-credit courses also the minimum pass mark is 40% and the students who secure more than or equal to 40% of maximum marks will be awarded with 'PASS' otherwise they will be awarded with 'FAIL'. The students must have secured with 'PASS' in these non-credit courses for the award of degree.

VIII. Duration of the Programmes and Credit Requirements for the award of degree

A student is normally expected to complete the B.E. / B.Tech. Programme in eight(8) Semesters but in any case not more than **Twelve(12) semesters**. Each semester shall normally consist of 90 teaching days (including examination days). The Head of the Department shall ensure that every teacher imparts instruction as per the number of hours specified in the syllabus covering the full content of the syllabus for the course being taught.

A student has to earn the total number of credits specified in the curriculum of the respective Programme of study in order to be eligible to obtain the degree. Credit Requirement for the award of B.E/B.Tech degree is 160 and in the non-credit courses, the student must have secured with 'PASS' grade.

IX. Rules and Regulations of Attendance

1. The Degree of Bachelor of Engineering / Technology will be conferred on a candidate who has pursued a "Regular Course of Study" for Eight Semesters (six semesters for candidates admitted under Lateral Entry scheme) as hereinafter prescribed in the scheme of instruction and has earned the required credits.

2 A regular course of study for eligibility to appear for the B.E/ B.Tech Examination of any Semester shall mean putting in attendance of not less than 75% aggregate in lectures/theory, Practical's, Drawings, Workshops, Project, Seminars, etc.

   a. Attendance of NCC/NSS Camps or Inter collegiate or Inter University or Inter State or International matches or debates or Educational Excursion or such other Inter University activities as approved by the authorities involving journeys outside the city in which the college is situated will not be counted as absence. However, such absence shall not exceed four (4) weeks per semester of the total period of instructions. Such facility should not be availed twice during the course of study.

   b. In any semester of the course if a candidate fails to secure the minimum percentage of attendance, he/she shall not be eligible to appear in the examination of that semester and he/she shall have to enroll himself/ herself to undergo afresh a "Regular Course of Study" of the corresponding semester in subsequent academic session, in order to become eligible to appear for the examination. **The student needs to pay the required tuition fee for that corresponding semester as per institute rules**.

c. The attendance shall be calculated on the aggregate of the courses/ subjects from the date of commencement of classes / date of readmission in case of detained candidates as per the almanac communicated by the Chaitanya Bharathi Institute of Technology (Autonomous).

d. Candidates admitted to the first semester through an entrance test and do not have the requisite attendance but have not less than **40% attendance** can seek readmission without once again appearing for the entrance test again in respect of candidates of such courses where the admissions are governed through an entrance test. Candidates of I-Semester who do not have the minimum 40% attendance would lose their seat.

3 a. In special cases and for sufficient cause shown, the Principal may, on the specific recommendation of the Head of the Department, condone the deficiency in attendance to the extent of 10% on medical grounds subject to submission of medical certificate and payment of condonation fee.

b. However, in respect of women candidates who seek condonation of attendance due to pregnancy, the Principal may condone the deficiency in attendance to the extent of 15% (as against 10% condonation for others) on medical grounds subject to submission of medical certificate to this effect. Such condonation shall not be availed twice during the course of study.

4. The fee for condonation of attendance on medical grounds shall be Rs.2,000.00.

X. Promotion Rules

The following rules are applicable to the students who are taking admission into first year of B.E/B.Tech programme in the academic year 2020-21.

S. No.	Semester	a) Conditions to be fulfilled
1.	From I-Semester to II-Semester	a Regular course of study of I-Sem. b)Student must secure at least 40% of maximum marks of CIE of I-Semester
2.	From II-Semester to III-Semester	a)Regular program of study of B.E./B.Tech II-Semester b) Student must secure at least 40% of maximum marks of CIE of II-Semester c) Must have earned at least 50% of credits (rounded to the next nearest integer) prescribed for B.E./B.Tech I-Semester and II-Semester.
3.	From III-Semester to IV-Semester	a) Regular course of study of III-Semester b) Student must secure at least 40% of maximum marks of CIE of III-Semester
4.	From IV-Semester to V-Semester	a) Regular program of study of B.E./B.Tech IV-Semester b) Student must secure at least 40% of maximum marks of CIE of IV-Semester c) No. of backlog credits, if any of B.E. I, II, III and IV-Semester put together shall not exceed 50% (rounded to the next nearest integer) of the total number of credits prescribed for the B.E. III & IV-Semester
5.	From V-Semester to VI-Semester	a) Regular course of study of V-Semester. b) Student must secure at least 40% of maximum marks of CIE of VI-Semester

6.	From VI-Semester to VII- Semester	a) Regular program of study of B.E./B.Tech VI-Semester b) Student must secure at least 40% of maximum marks of CIE of VI-Semester c) No. of backlogs, if any of B.E./B.Tech I to VI-Semester put together shall not exceed to 50% (rounded to the next nearest integer) of the total number of credits prescribed for the B.E./B.Tech. V & VI-Semester.
7.	From VII-Semester to VIII- Semester	a) Regular course study of VII Semester. b) Student must secure atleast 40% of maximum marks of CIE of VII-Semester
8.	To attend SEE of VIII Semester	a) Regular course study of VIII Semester. Student must secure at least 40% of maximum marks of CIE of VIII-Semester

XI. Reappearing/Readmission/Revaluation/Physical Verification of answer scripts

If a student fails in a theory course/lab course, the student has to appear for semester end exam in the subsequent semester for earning the credits for that failed course.

If a student is prevented from writing end semester examination due to lack of attendance, the student has to take re-admission of that particular semester (by paying appropriate tuition fee as prescribed by the institute) when offered next and must attend the classes and fulfill the attendance requirements.

A student can apply for revaluation of the student's semester examination answer paper in a theory course, within two(2) weeks from the declaration of results, on payment of a prescribed fee along with prescribed application.
After the declaration of results, the interested student(s) can go through/evidence their semester end theory examination answer scripts (by paying the prescribed fee) physically on issuing of the notification by the respective authorities.

The student(s) who have failed in the courses for which there is only internal evaluation, such students are required to reappear for the same, when offered next time, by the respective department.

If a student is detained due to non-earning of required credit(s), such student(s) are eligible for re-admission after earning the required number of credits only. Further, if any student is detained due non-earning of required credit(s) and wants to repeat the semester class work, such students are eligible for re-admission in the odd semesters only. Such students are required pay tuition fee as per the institute rules

The student who has failed the course for which there is only CIE, such students required to reappear for the same when offered next time by the respect the department.

XII. Credit framework for the online courses through SWAYAM/any other MOOC courses.

Students are permitted to complete online certification courses through MOOCs (Proctored exam only) for academic credit transfer. This may be allowed from I semester to VIII semesters for a maximum of 20% of the credits in each semester, which will be included in the academic credits within the frame work of 160. These equivalent courses shall be identified and notified by the respective departments at least 2 weeks before the commencement of the semester. Department shall nominate faculty coordinator to look after the student registration process and update the same to the Director AEC-COE.

The responsibility of earning the credits through online MOOCs courses lies entirely on the respective students. The students who choose to appear for both online and regular semester course work, must fulfill the minimum attendance criteria, and also attend for CIE and SEE as per the rules.
The student who opted for MOOCs online courses has to re-register the same course or its equivalent if he/she could not secure the required credits.

Student shall submit an affidavit to the department at the time of registration for online courses and abide by the rules and regulations.

XIII. Industrial Training /Internships - Duration and Academic Credentials

As per the AICTE Internship Policy Guidelines & Procedures (April 2019), CBIT implements mandatory internships in R-20. The following framework is proposed to give academic credits for the internships undergone as part of the B.E/B.Tech program under the regulation R-20.

- A student has to undergo a minimum of THREE internship Program during the 4 years study of BE / B.Tech degree program. The internship Program may include the activities of Industrial training/Govt./NGO/ MSME/Rural Internship/ Innovation/ Entrepreneurship/ NSQF level 3, 4,5 and intra/inter institutional training or workshops.
- One(1) credit is equivalent to minimum 45 hours of work. i.e. a full-time intern is expected to spend 45 hours per week on Internship/Training/ Project work/Seminar activities etc.
- Internship may be full-time or part-time. It may be full-time in the summer/winter vacations and part-time during the academic sessions.
- Schedule for the internship will be given in a flexible manner according to the availability of opportunities. The minimum and maximum requirement regarding Internship duration and credits is given in Table-1

- If a student fails to fulfill the internship requirements during summer vacation, then he/she has to carry out in the subsequent semester.

Table 1: Internship/Projects Frame work

S. No	Schedule	Activities	Duration	Credits
1	Summer / Winter vacation (2^{nd}/ 3^{rd} Semester)	Inter/ Intra Institutional Activities	3-4 weeks or 90 hrs	2 Credits
2	Summer / Winter vacation (4^{th}/ 5^{th} Semester)	Industrial / Govt. /NGO / MSME / Rural Internship / Innovation / Entrepreneurship / NSQF level 3, 4,5	3-4 weeks or 90 hrs	2 Credits
3	Summer / Winter vacation after (6^{th} Semester)	Industrial / Govt. /NGO / MSME / Rural Internship / Innovation / Entrepreneurship / NSQF level 3, 4,5	4-6 weeks or 135 hrs	3 Credits

The internship guidelines, procedures, assessment methods and the templates are provided in ANNEXURE-I

XIV. Activity Points:

1. Apart from technical knowledge and skills, to be successful professionals, students should have excellent *soft skills, leadership qualities* and *team spirit.* They should have *entrepreneurial capabilities* and *societal commitment*. In order to match these multifarious requirements, every student who is admitted to the 4 years Degree programme is required to earn 100 Activity Points and Lateral entry students are required to earn 75 Activity Points in addition to the academic grades and given as e-portfolio.
2. For earning the required Activity Points, student has to spend 300-400 hours Activity Programme for Community service and allied activities. 40-45 hours are equivalent to 1 week. The Table-2 shows the Activity points requirements of regular and Lateral Entry students
3. These points must be earned on the basis of active participation in Co-Curricular and extracurricular activities spanning through all the semesters of study. Every student may choose, as per his/her interest, activities in no order to achieve the mandatory points (as per the Table 2.), depending on his/her entry level), before becoming, eligible for award of the Degree. These activity points spread over all the years, as per convenience of the student.

Table 2: Activity Points requirement for the student admitted after 2020-21

Level entry in Degree Course	**Total Years for Points**	**Activity Points**	
		Min	**Max**
Degree Program			
1st Year Regular	1st to 4thYear	60	100
2nd Year 3rd Semester through Lateral Entry (2021-2022 onwards)	2nd to 4th Year	45	75

F

The complete guidelines, procedures for earning the Activity points are provided in ANNEXURE-II

XV. Common Course Committee

A theory course handled by more than one teacher shall have a "Common Course Committee" comprising of all teachers teaching that course and students who have registered for that course. There shall be at least one/two student representatives from each class of that course. One of the teachers shall be nominated as Course Coordinator by the Head of the Department.

The first meeting of the Common Course Committee shall be held within fifteen days from the date of commencement of the semester. The nature and weight-age of the continuous assessments like CIE and syllabus coverage schedules shall be decided in the first meeting, within the framework of the Regulations.

Two or three subsequent meetings in a semester may be held at suitable intervals**.** During these meetings, the student members shall meaningfully interact and express their opinions and suggestions of all the students to improve the effectiveness of the teaching-learning process. It is the responsibility of the student representatives to convey the proceedings of these meetings to their respective class. In addition the "Common Course Committee" (without the student representatives) shall meet to ensure uniform evaluation of continuous assessments after arriving at a common scheme of evaluation for the assessments. Wherever

feasible, the common course committee (without the student representatives) shall prepare a common question paper for the continuous internal evaluation.

XVI. Multiple Courses Committee and Overall Monitoring Committee

Course(s) handled by a single teacher, there will be a "Multiple Courses Committee" comprising of all the above teachers and two student representatives from each course. One of the above teachers, nominated by the Head of the Department shall coordinate the activities of this committee. The functions of this committee are similar to that of the common course committee.

In addition, there shall be an overall monitoring committee for each semester of a programme which comprises of the Course Coordinators / Course teachers (as applicable), the Head of Department. This overall monitoring committee shall meet periodically to discuss academic related matters, progress and status of the students of the semester concerned. The overall monitoring committee can invite the students of the semester concerned for any of the committee meetings if necessary.

XVII. Revision of Regulations, Curriculum and Syllabi

The institute may revise from time to time, amend or change the Rules & Regulations, Syllabus and Scheme of examinations after obtaining approval by Academic Council.

XVIII. Eligibility for the award of Degree(Major/Additional Minor/Honor)

A student shall be declared to be eligible for the award of the B.E/B.Tech, provided the student has successfully gained the required number of total credits and other requirements as specified in the curriculum corresponding to the student's programme within the stipulated time.

Successfully completed the course requirements, appeared for the Semester End Examinations and passed all the subjects prescribed in all the eight(8) semesters within a maximum period of six(6) academic years considered from the commencement of the first semester to which the candidate was admitted.

Successfully passed, any additional courses prescribed by the institute whenever readmitted under regulation.

A student will be eligible to get Under Graduate degree with Honors or additional Minor Engineering, if he/she completes an additional 20 credits. These could be acquired through MOOC'S/SWAYAM-NPTEL.

The Credit requirement for award of the Regular B.E/B.Tech. Degree is 160. A student will be eligible to get Under Graduate Degree with "Honours" or "Additional Minor Engineering", if he/she completes an additional 20 Credits in each case of Honours Degree and Minor Engineering Degree. These could be acquired through MOOCs.

Honours : In addition to their primary Program(B.E/B.Tech.), an Engineering Student has the opportunity to award with 'Honours' Degree.

(i) By opting for 'Honours', the student shall earn at least Twenty (20) additional Credits of Professional Courses.
(ii) These additional Twenty (20) Credit Courses shall not be part of the regular Curriculum. Eligibility:
(iii) "Honours"is open to all current Engineering/ Technology Undergraduates who have taken admission under AICTE Model Curriculum i.e., for the Students who have taken

admission on or after 2018-19 Academic Year.

(iv) Award of an "Honours" Degree is subject to the following conditions:
   a. The Student has to earn at least twenty (20) additional Credits.
   b. Earning of these additional credits shall be through MOOCs/NPTEL/any other on-line Courses, which are approved by the respective BoS.
   c. Twenty(20) Credits respective Engineering discipline Courses.
   d. The list of Courses is subject to the approval of respective BoS.
   e. A Student must ensure that the Student shall earn these additional Credits before the completion of the regular Course.
   f. It is the Student's responsibility for registering the Courses through ONLINE and the required Registration Fee shall be borne by the respective Student.

Additional Minor Engineering:

In addition to their primary Program (B.E/B.Tech.), an Engineering Student has the opportunity to study one 'Additional Minor Engineering', and the interesting areas are listed below. This list is prepared based on the information provided by AICTE Model Curriculum.

'Additional Minor Engineering' allows a Student to gain interdisciplinary experience and exposure to concepts and perspectives which may not be a part of their regular Degree Program, thus widening their understanding of the Engineering Profession.

Upon completion of an "Additional Minor Engineering", a Student shall be better equipped to perform interdisciplinary research.

Eligibility:

"Additional Minor Engineering" is open to all current Engineering/Technology Undergraduates who have taken admission under AICTE Model Curriculum i.e., for the Students who have taken admission on or after 2018-19.

Award of an "Additional Minor Engineering" Degree is subject to the following conditions:

a) The Student must earn at least twenty(20) additional Credits.
b) Earning of these additional credits shall be through MOOCs/NPTEL/any other on-line Courses, which are approved by the respective BoS.
c) The list of Courses is subject to the approval of respective BoS.
d) These additional twenty (20) Credit Courses shall not be part of the regular Curriculum.
e) A student must ensure that he/she shall earn the required Credits for the award of respective "Additional Minor Engineering" Degree, before the completion of the regular Course.
f) It is the Student's responsibility for registering the Courses through ONLINE and the required Registration Fee shall be borne by the respective Student.

Other information:

i. Students shall obtain approval(s) from their parent Department and Principal before opting for "Additional Minor Engineering" or "Honours".
ii. A Student is eligible to opt either for "Honours" or "Additional Minor Engineering".
iii. A student is not eligible to opt for both the said Degrees.

No disciplinary action pending against the student.

The award of Degree must have been approved by the University.

XIX. Improvement of overall score

A candidate who wishes to improve his/her overall score may do so within one academic year immediately after having passed all the examinations of the B.E/B.Tech degree course by reappearing to all courses/subjects of any one semester as prescribed by the syllabus and curriculum.

XX. Award of Division

CGPA	DIVISION
7.5 and above	First Class with distinction
6.5 and less than 7.5	First Class
5.0 and less than 6.5	Second Class
4.0 and less than 5.0	Pass

XXI. Award of Gold Medal

A student securing highest CGPA in single attempt is eligible for award of Gold Medal in the course of B.E/B.Tech for each specialization/Branch.

XXII. Additional rules for lateral entry students

These are applicable to the students who are admitted directly through ECET to the III semester of BE/B.Tech programme from the academic year 2021-2022. These students are admitted as per the rules governed by Telangana State government. These students are waived with all the courses of I-semester and II-Semester curriculum of regular eight semesters B.E/B.Tech programme. All the rules except the '**promotion rules** and **credit requirement for the award of degree** are same as that of eight semesters B.E/B.Tech programme under CBCS. However, the students need to undergo two(2) bridge courses and are furnished below:

1. C- programming Lab (Lab Course)
2. English Language Lab (Lab Course)

The above said course(s) will be offered by the respective departments of the institute and they are mandatory for every student. The students need to secure at least 'D' grade in all the above two(2) courses. The grades secured in these courses shall not be considered for dropping any elective/core course or in the process of award of degree. It is a pre requisite for the award of Degree for securing at least “D" grade in all the above said bridge courses.

Credit requirement for the award of degree for lateral entry students: 119

XXIII. Annexure(Industrial Training / Internship, Guide lines for earning internship credits)

All the rules and regulations, specified herein after shall be read as whole for the purpose of interpretation and when a doubt arises, the interpretation of the Chairman, Academic Council, Chaitanya Bharathi Institute of Technology (Autonomous) is final. As per the requirements of the Statutory Bodies, Principal, Chaitanya Bharathi Institute of Technology (Autonomous), shall be the Chairman of the College Academic Council.