Academic Rules
(With effect from 2018-2019)

For
B.E/B.Tech
FOUR YEAR DEGREE COURSE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

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 2018-2019. 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' 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/ Project work/seminars/ Exams/viva/assignments/presentations/self-study etc. or a combination of some of these. The medium of instruction, examinations and project report will be in English
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 O, A++, A, A,B+, B, C etc
8.	Grade Point	It is a numerical weight allotted to each letter grade on a 10-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 Management courses
- Basic Science courses
- Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc
- Professional core courses
- Professional Elective courses relevant to chosen specialization/branch
- Open subjects – Electives from other technical and /or emerging subjects
- Project work, seminar and internship in industry or elsewhere
- Mandatory (non-credit)Courses: Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge

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

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 (10 Credits)				
	English	2		2	3
	Soft Skills			2	1
	Principles of Management	3			3
	Engg. Economics and Accountancy	3			3
2. Basic Science courses (26 Credits)				
	Physics	3	1	3	5.5
	Chemistry	3	1	3	5.5
	Mathematics – I	3	1		4
	Mathematics – II	3	1		4
	Mathematics – III	3	1		4
	Biology	3			3

3. **Engineering Science courses including workshop, drawing, basics of electrical/mechanical/computer etc**				**(23 Credits)**
Workshop/Manufacturing Practice	1		4	3
Engineering Graphics and Design	1		4	3
Engineering Mechanics	3	1		4
Basic Electrical Engineering	3	1	2	5
Programming for Problem Solving	3		4	5
Basics of Data Structures	2		2	3

4.	**Professional core courses**	**(61 Credits)**
	(To be exercised by the respective department Board of Studies)	

5.	**Professional Elective courses relevant to chosen specialization/branch**	**(18 Credits)**
	(Six Electives are possible and each of 3 credits weighatge. To be exercised by the respective department Board of Studies)	

6.	**Open subjects – Electives from other technical and /or emerging subjects**	**(09 Credits)**
	(Three open Electives are possible and each of 3 credits weighatge. To be exercised by the respective department Board of Studies)	

7.	**Project work, seminar and internship in industry or elsewhere**		**(13 Credits)**

Project Part1 -(VII Semester)			4	2
Project Part2 -(VIII Semester)			20	10
Technical Seminar (other than Project)- (VIII Semester)			2	1
Internship – During Semester Break Industry Visits (At least two) During V and VII Semesters				

8. Mandatory Courses (non-credit					
Environmental Sciences	2				-
Indian Constitution	2				-
Essence of Indian Traditional Knowledge	2				-
Induction training : To be conducted for Three weeks before commencement of I-Semester class work					
					Total Credits :160

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 (Civ/EEE/Mech/Prod/Chem/Bio)					
SEMESTER-I					
Sl No	Name of the Course	No . of Hours			Credits
		L	T	P	
1	Mathematics -1*	3	1	-	4
2	Physics	3	1	3	5.5
3	Programming for Problem Solving	3	-	4	5
4	Workshop/ Manufacturing Practice	1	-	4	3
5	English	2	-	2	3
	Total	12	02	13	20.5
Clock Hours per week : 27					

GROUP-1 (Civ/EEE/Mech/Prod/Chem/Bio)					
SEMESTER-II					
Sl No	Name of the Course	No . of Hours			Credits
		L	T	P	
1	Mathematics -2*	3	1	-	4
2	Chemistry	3	1	3	5.5
3	Engineering Mechanics	3	1	-	4
4	Engineering Graphics and Design	1	-	4	3
5	Basic Electrical Engineering	3	1	2	5
	Total	13	04	09	21.5
Clock Hours per week : 26					

*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.

SlNo	Name of the Course	No . of Hours			Credits
		L	T	P	
1	Mathematics -1	3	1	-	4
2	Chemistry	3	1	3	5.5
3	Engineering Mechanics	3	1	-	4
4	Engineering Graphics and Design	1	-	4	3
5	Basic Electrical Engineering	3	1	2	5
Total		13	04	09	21.5
Clock Hours per week : 26					

GROUP-2 (CSE/ECE/IT) — SEMESTER-I

SlNo	Name of the Course	No . of Hours			Credits
		L	T	P	
1	Mathematics -2	3	1	-	4
2	Physics	3	1	3	5.5
3	Programming for Problem Solving	3	-	4	5
4	Workshop/ Manufacturing Practice	1	-	4	3
5	English	2	-	2	3
Total		12	02	13	20.5
Clock Hours per week : 27					

GROUP-2(CSE/ECE/IT) — SEMESTER-II

L : Lecture, T : Tutorial , P : Practical/Drawing/Seminar/Project

SlNo	Name of the Course	L	T	P	Credits
GROUP-1 (Civ/EEE/Mech/Prod/Chem/Bio)
SEMESTER-III
1	Mathematics 3	3	1		4
2	Biology	3			3
3	Core 1	3	1	2	5
4	Core2	3	1	2	5
5	Core3	3			3
6	Indian Constitution	2	-	-	Non-Credit
7	Indian Traditional Knowledge	2	-	-	Non-Credit
	Total	19	03	04	20
Clock Hours per week : 26

SlNo	Name of the Course	L	T	P	Credits
GROUP-1 (Civ/EEE/Mech/Prod/Chem/Bio)
SEMESTER-IV
1	Basics of Data Structures	2	2		3
2	Core4	3	1	2	5
3	Core5	3	1	2	5
4	Core6	3			3
5	Soft Skills			2	1
6	Principles of Management	3			3
7	Environmental Science	2	-	-	Non Credit
	Total	16	04	06	20
Clock Hours per week : 26

8

SlNo	Name of the Course	L	T	P	Credits
	GROUP-2 (CSE/ECE/IT)				
	SEMESTER-III				
1	Mathematics 3	3	1		4
2	Basics of Data Structures	2		2	3
3	Core1	3	1	2	5
4	Core2	3	1	-	4
5	Soft Skills			2	1
6	Principles of Management	3			3
7	Environmental Science	2	-	-	-Non-Credit
	Total	16	03	06	20
	Clock Hours per week : 25				

SlNo	Name of the Course	L	T	P	Credits
	GROUP-2(CSE/ECE/IT)				
	SEMESTER-IV				
1	Biology	3			3
2	Core3	3	1	2	5
3	Core 4	3	1	2	5
4	Core5	3		2	4
5	Core6	3			3
6	Indian Constitution	2	-	-	Non -Credit
7	Indian Traditional Knowledge	2	-	-	Non-Credit
	Total	19	5	06	20
	Clock Hours per week : 27				

L : Lecture, T : Tutorial , P : Practical/Drawing/Seminar/Project

9

SEMESTER- V						SEMESTER-VI				
Sl No	Name of the Course	No . of Hours			Credits	Sl No	Name of the Course	No . of Hours			Credits
		L	T	P				L	T	P	
1	Core 7	3		2	4	1	Core 10	3		2	4
2	Core 8	3		2	4	2	Core 11	3		2	4
3	Core 9	3		2	4	3	Core 12	3		-	3
4	Core Elective 1	3	-	-	3	4	Core Elective 3	3	-	-	3
5	Core Elective 2	3			3	5	Core Elective 4	3	-	-	3
6	Open Elective1/Engg. Economics and Accountancy	3			3	6	Open Elective1/Engg. Economics and Accountancy	3			3
	Total	18	-	06	21		Total	18	-	04	20
Clock Hours per week : 24						Clock Hours per week : 22					

SEMESTER- VII				
Sl No	Name of the Course	No . of Hours		Credits
		L	T	P	

SEMESTER- VII					
Sl No	Name of the Course	L	T	P	Credits
1	Core 13	3	-	3	4.5
2	Core 14	3	-	3	4.5
3	Core 15	3	-	-	3
4	Core Elective 5	3	-	-	3
5	Open Elective 2	3	-	-	3
6	Project Part 1	-	-	4	2
	Total	15	-	10	20
Clock Hours per week : 25					

SEMESTER-VIII					
Sl N o	Name of the Course	L	T	P	Credits
1	Core Elective 6	3	-	-	3
2	Open Elective 3	3	-	-	3
3	Technical Seminar (On the latest trends and other than project)	-	-	2	1
4	Project Part 2	-	-	20	10
	Total	6		22	17
Clock Hours per week : 28					

L : Lecture, T : Tutorial , P : Practical/Drawing/Seminar/Project

Summary...									TOTAL CREDITS
Semester	I	II	III	IV	V	VI	VII	VIII	
Credits	20.5	21.5	20	20	21	20	20	17	160
Credits	21.5	20.5	20	20	21	20	20	17	

The time-table is prepared with the following timings

1st Hour	2nd Hour	3rd Hour	Lunch	4th Hour	5th Hour	6th Hour
09:40- 10:40	10:40- 11:40	11:40- 12:40	12:40- 13:20	13:20- 14:20	14:20- 15:20	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 exam) in a semester. Converting of these marks to letter grades based on absolute and 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 are followed. The same is furnished in the following tables for theory courses and laboratory/project/seminar courses.

For Theory/Engg. Graphics courses...			
% of Marks	Grade points	Letter Grade	Grade description
90.00-100	9.00-10	O	Outstanding
80.00-89.99	8.00-8.99	A++	Excellent
70.00-79.99	7.00-7.99	A+	Very good
60.00-69.99	6.00-6.99	A	Good
55.00-59.99	5.50-5.99	B+	Fair
50.00-54.99	5.00-5.49	B	Above Average
45.00-49.99	4.50-4.99	C+	Average
40.01-44.99	4.01-4.49	C	Below average
40	4.00	D	Pass
<40	0.00	F	Fail
----	0.00	Ab	Absent

For Laboratory/Project/Seminar courses...			
% of Marks	Grade points	Letter Grade	Grade description
90.00-100	9.00-10	O	Outstanding
80.00-89.99	8.00-8.99	A++	Excellent
70.00-79.99	7.00-7.99	A+	Very good
60.00-69.99	6.00-6.99	A	Good
55.00-59.99	5.50-5.99	B+	Fair
50.00-54.99	5.00-5.49	B	Above Average
<50	0.00	F	Fail
----	0.00	Ab	Absent

A student obtaining Grade F shall be considered failed and will be required to reappearing the examination. For non-credit courses 'Satisfactory' or "Unsatisfactory' 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 ' Satisfactory' 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.,

$$\text{SGPA } (S_i) = \Sigma(C_i \times G_i) / \Sigma C_i$$

where **C$_i$** is the number of credits of the ith course and **G$_i$** is the grade point scored by the student in the ith 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.

$$\text{CGPA} = \Sigma(C_i \times S_i) / \Sigma C_i$$

where **S$_i$** is the SGPA of the ith semester and **C$_i$** is 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 by concerned teacher and the Semester end examination shall be as follows:

Course (in terms of credits)	CIE	Semester end Examination(Marks)	Remarks	Duration of Semester End Examination
Three(3) Credits/ Four(4) Credits	30*	70**	Theory Course/Engg . Graphics	3 Hours
Two(2) Credits	20*	50***	Theory	2 Hours
Three (3),Two(2) Credits/One and Half(1.5) Credits	25	50	Lab Course/Workshop	3 Hours
One(1) Credit	15	35	Lab Course	2 Hours
Two(2) Credits	50	---	Project Part 1	--
Ten (10) 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

CIE: Continuous Internal Evaluation

* Out of 30/20 sessional marks(CIE), 10/5 marks are allotted for slip-tests (Two slips tests and two assignments will be conducted, each of 10/5 marks, best three average is considered) and the remaining 20/15 marks are based on the average of two tests, weightage for each test is 20/15 marks.

14

** The question paper will be in two parts, Part-A and Part-B. Part A is for Ten(10) questions and is compulsory, covers the entire syllabus, and carries 20 marks. Part-B carries 50 marks and covers all the units of the syllabus. Student has to answer five questions, each question will have internal choice. (The question paper with five questions is framed from the respective five units).

***The question paper will be in two parts, Part-A and Part-B. Part A is for Ten(10) questions and is compulsory, covers the entire syllabus, and carries 15 marks. Part-B carries 35 marks and covers all the units of the syllabus . Student has to answer five questions and each question will have internal choice. (The question paper with five questions is framed from the respective five units).

> Note: A course that has CIE(sessional marks) but no semester end examination as per scheme, is treated as Pass/Fail for which pass marks are 50% of CIE.

A candidate has earned the credits of a particular course, if he/she secures not less than the minimum marks/ grade as prescribed. Minimum pass marks for theory course is 40% of total marks i.e., CIE plus semester end examinations where as for the lab course/project is 50%.

For non-credit courses also the minimum pass mark is 40% and the students who secures more than are equal to 40% of maximum mark, then the student will be awarded with 'Satisfactory' otherwise they will be awarded with 'Not-satisfactory'. The students must have secured with 'Satisfactory' 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 'Satisfactory' 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. i) A regular course of study for eligibility to appear at the B.E/ B.Tech Examination of any Semester shall mean putting in attendance of not less than 75% aggregate in lectures/theory, Practicals, Drawings, Workshops, Project, Seminars etc.

    ii) Attendance of N.C.C/N.S.S. 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.

    iii) 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 need to pay the required tuition fee for that corresponding semester as per institute rules.**

    iv) 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).

    v) 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. i) 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.

   ii) 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.1000.00.

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 2018-19.

S.No.	Semester	Conditions to be fulfilled
1.	From I-Sem to II-Sem	i) Regular course of study of I-Sem. ii)Student must secure atleast 40% of maximum marks of CIE of I-Semester
2.	From II-Sem to III-Sem	i) Regular course of study of II-Sem. ii) Student must secure atleast 40% of maximum marks of CIE of II-Semester ii) Student Must have earned at least 21 Credits of I& II Semester.
3.	From III-Sem to IV-Sem	i) Regular course of study of III-Semester. ii) Student must secure atleast 40% of maximum marks of CIE of III-Semester
4.	From IV-Sem to V-Sem.	i) Regular course of study of IV-Sem. ii) Student must secure atleast 40% of maximum marks of CIE of IV-Semester iii) Student must have earned atleast 62 Credits of I,II III and IV Semesters.
5.	From V-Sem to VI-Sem	i) Regular course of study of V-Semester. ii) Student must secure atleast 40% of maximum marks of CIE of V-Semester
6.	From VI-Sem to VII-Sem	i) Regular course of study of VI-Sem. ii) Student must secure atleast 40% of maximum marks of CIE of VI-Semester iii) Student must have earned atleast 102 Credits of I,II,III,IV,V and VI Semesters.
7.	From VII-Sem to VIII-Sem	i) Regular course of study of VII Semester. ii) Student must secure atleast 40% of maximum marks of CIE of VII-Semester

The following rules are applicable to the promotion of lateral entry students from one semester to the next semester who will be taking admission of B.E/B.Tech programme in the academic year 2019-20

Sl.No.	Semester	Conditions to be fulfilled
1.	From III-Sem to IV-Sem	i) Regular course of study of III-Sem. ii)Student must secure atleast 40% of maximum marks of CIE of III-Semester
2.	From IV-Sem to V-Sem.	i) Regular course of study of IV-Sem. ii) Student must secure atleast 40% of maximum marks of CIE of IV-Semester ii) Student Must have earned at least 20 Credits of III and IV Semesters.
3.	From V-Sem to VI-Sem	i)Regular course of study of V-Semester. ii) Student must secure atleast 40% of maximum marks of CIE of V-Semester
4.	From VI-Sem to VII-Sem	i)Regular course of study of VI-Semester. ii) Student must secure atleast 40% of maximum marks of CIE of VI-Semester iii)Student must have earned atleast 60 Credits of III, IV,V and VI Semesters.
5.	From VII-Sem to VIII-Sem	i)Regular course of study of VII Semester. ii)Student must secure atleast 40% of maximum marks of CIE of VII-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 the reappear for the same when offered next time by the respect the department.

XII. Industrial Training / Internship

The students may undergo Industrial training/Internship during summer / winter vacation. In this case the training has to be undergone continuously for the entire period.

The students may undergo Internship at Research organization / University (after due approval from the Head of the Department/Principal during summer / winter vacation or during semester break.

Duration of Training/ Internship	Credits
2 Weeks	1
4 Weeks	2
6 Weeks	3

If Industrial Training / Internship are not prescribed in the curriculum, the student may undergo Industrial Training / Internship optionally and the credits earned will be indicated in the grade Sheet. If the student earns three (3) credits in Industrial Training / Internship, the student may drop one 'Open Elective'. **In such cases Industrial Training / Internship needs to be undergone continuously from one organization only**.

Students are permitted to complete online certification courses through Massive Open Online Courses (MOOCs) offered by reputed Universities/ Government Organizations duly approved by the Head of the Department. The Credits allotted for the Certification course is one (1)/ two (2)/three(3) Credit(s) and will be decided by the Head of the Department.

A student will be eligible to get Under Graduate degree with Honours or additional Minor Engineering, if he/she completes an additional 20 credits. These could be acquired through MOOCs.

However, if the number of credits earned is 1 or 2, these credits shall not be considered for dropping any elective or in process of award of degree. The student is allowed to undergo a maximum of 6 weeks Industrial Training / Internship during the entire duration of study, no credits will be allotted for the internship beyond six(6) weeks.

The detailed procedures are furnished in the **ANNEXURE** regarding the earning of credits by the student for **Industrial Training / Internship**

Industrial Visit

Every student is required to go for at least two industrial visits during the IV-semester to VII-semester of the Programme. The Heads of Departments shall ensure that necessary arrangements are made in this regard. **It is non-credit course and is awarded with 'Satisfactory/Un-satisfactory' and will be reflected in grade sheet.**

XIII. 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.

XIV. 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.

XV. 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.

XVI. Eligibility for the award of degree

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 Honours or additional Minor Engineering, if he/she completes an additional 20 credits. These could be acquired through MOOC/NPTEL.

No disciplinary action pending against the student.

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

XVII. 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.

XVIII. Award of Division

CGPA	DIVISION
7.0 and above	First Class with distinction
6.0 and less than 7.0	First Class
5.0 and less than 6. 0	Second Class
4.0 and less than 5.0	Pass

XIX. 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.

XX. 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 2019-2020. 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)

23

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 atleast '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 atleast "D" grade in all the above said bridge courses.

Credit requirement for the award of degree for lateral entry students: 118

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.

XXI. Annexure

Industrial Training / Internship

Guide lines for earning three (3) credits by the student towards the Industrial Training/ Internship:

"If the student earns three (3) credits in Industrial Training / Internship, the student may drop one 'Open Elective'. In such cases Industrial Training / Internship needs to be undergone continuously from one organization only, during the semester break/summer vacation "

Procedure for granting permission to the student to carryout Industrial Training / Internship by the student, continuously for at least for six (6) weeks duration from one organization during the semester break/summer vacation:

1. The student needs to approach the respective Head of the department with a request that he/she is interested to carry out an Industrial Training / Internship, with the details of the industry/organisation

2. A committee is constituted in the department which is preceded by the head of department and head nominates one of the senior faculties as a mentor to that student.

3. The mentor visits the industry/organization and discuss with CEO/Director /Responsible person of that industry/organization on the following points

   - Duration of the Industrial Training / Internship
   - Nature of work to be carried out by the student
   - Facilities to be extended to the student in the industry
   - Requesting the industry personnel to assign a guide or an in-charge to monitor the student's work in the industry
   - Number of man hours to be spend by the student
   - Preparation of documentation/report by the studentTo apprise the industry personnel that the **Industrial Training / Internship** is equivalent to earning of three(3) credits

4. After having all the required details from the industry personnel, the mentor presents the deliberations made with industry and discusses with the committee to draft the necessary recommendations/conclusions.

5. If the committee recommends then the student is permitted to carry out **Industrial Training / Internship** in that particular industry/organization, continuously for a minimum of six(6) weeks during the semester break/summer vacation.

Assessment procedure for earnings three (3) credits:

- A minimum of six(6) weeks continuously to be spend by the student in one industry/organization during the semester break/summer vacation.

- Two (2) midterm evaluations, one at the end of third (3rd) week of Industrial Training / Internship and the other at the end of fifth(5th) week of Industrial Training / Internship are to be carried out by the mentor. The midterm evaluation may be based on oral presentations by the student and a documentary evidence of the work carried out by the student in industry/organization. For awarding marks for midterm evaluations the mentor has to coordinate with the guide/in-charge of the student in the industry. The midterm evaluations are to be carried out for a maximum 30 Marks.

- After Industrial Training / Internship, the student has to submit a hard copy of the Industrial Training / Internship report in a standard format which is prescribed by the department. Finally, the committee evaluates the performance of the student for a maximum of seventy (70) marks which is equivalent to the semester end examination.

- The student has to deliver power point presentation before the committee on the work which is carried out by the student during Industrial Training /Internship. Committee examines the student and the marks (Maximum 70 Marks) are to be awarded on the following aspects.

Power Point Presentation	:	25 Marks
Hard copy of the Report	:	20 Marks
Viva-Voce	:	25 Marks

The department sends the performance of the student to the CoE for awarding Grade/Grade points towards earning of three (3) credits by the student for Industrial Training / Internship. Based on the result declared by the CoE, the student may be permitted to **drop one "Open Elective"**.

Guide lines for earning one(1)/two(2) credit(s) by the student towards the Industrial Training/ Internship for two(2) to four(4) weeks duration during the semester break or summer/winter vacation:

1. The student needs to approach the respective Head of the department with a request that he/she is interested to carry out an Industrial Training / Internship, with the details of the industry/organization.

2. The Head of the department issues a letter to the industry with a request to permit the students for Industrial Training / Internship.

3. On Completion of Industrial Training / Internship by the student, the student is required to submit the following to the respective department.

   - Industrial Training / Internship completion certificate from the industry
   - Hardcopy of the report in a standard format which is prescribed by the department

4. Department committee evaluates the student performance on the Industrial Training / Internship for awarding the credits.

Assessment procedure for earning one (1)/two (2) credit(s):

The student has to deliver power point presentation before the committee on the work which is carried out by the student during Industrial Training /Internship. Committee examines the student and the marks **(Maximum :50 Marks, in case of four weeks Industrial Training / Internship, 25 Marks, in case of two weeks Industrial Training / Internship)** are to be awarded on the following aspects

Description	For Four(4) weeks Industrial Training	For Two(2) weeks Industrial Training
	Max. Marks	Max. Marks
Power Point Presentation	25	10
Hard copy of the Report	15	10
Viva-Voce	10	05
Total	50	25

The department sends the performance of the student to the CoE for awarding Grade/Grade points towards earning one(1)/two(2) credit(s) by the student for Industrial Training / Internship.

Note: The credits earned by the student towards the Industrial Training/ Internship for two(2) to four(4) weeks duration during the semester break or summer/winter vacation shall not be considered for dropping any elective or in process of award of degree.

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