

# ADICHUNCHANAGIRI UNIVERSITY



**REGULATIONS GOVERNING  
THE DEGREE OF BACHELOR OF ENGINEERING (BE)  
UNDER CHOICE BASED CREDIT SYSTEM (CBCS) SCHEME**

**Effective from the academic year 2018 -19**

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# Adichunchanagiri University, BG Nagara

## Regulations Governing the Degree of BE

### Under Choice Based Credit System (CBCS) Scheme

Effective from academic year 2018-19

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**Adichunchanagiri University, BG Nagara**

**REGULATIONS GOVERNING**

**THE DEGREE OF BACHELOR OF ENGINEERING (BE)**

**UNDER CHOICE BASED CREDIT SYSTEM (CBCS)**

**Effective from the academic year 2018 – 19**

**Definitions of Keywords**

The following are the definitions/descriptions that have been followed for the different terms used in the Regulations of BE Programme:

- 1) **Programme:** It is an educational programme in a particular stream/ branch of Engineering/branch of specialization leading to award of Degree. It involves events/activities, comprising of lectures/ tutorials/ laboratory work/ field work, outreach activities/ project work/ vocational training/ viva/ seminars/ internship/ assignments/ presentations/ self-study etc., or a combination of some of these.
- 2) **Branch:** Means specialization or discipline of BE Degree Programme, such as Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Information Science & Engineering.
- 3) **Register Number:** It is the unique identification number assigned to all the admitted students of the University.
- 4) **Semester:** Refers to one of the two sessions of an academic year (vide: serial number 5), each session being of sixteen weeks duration (with working days greater than or equal to ninety). The odd semester may be scheduled from August and even semester from February of the academic year.
- 5) **Academic Year:** Refers to the sessions of two consecutive semesters (odd followed by an even) including periods of vacation.
- 6) **Course:** Refers to usually referred to as 'papers' and is a component of a programme. All courses need not carry the same weightage (credit). The courses should define course objectives and course outcomes. A course may be designed to comprise lectures/ tutorials/ laboratory work/ field work/ outreach activities/ project work/ vocational training/ viva/ seminars/ term papers/ assignments/ presentations/ self-study, etc., or a combination of some of these.
- 7) **Credit:** Refers to 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 lecture or two hours of laboratory/ practical courses/ tutorials/ fieldwork per week, etc.
- 8) **Audit Courses:** Means knowledge/ skill enhancing courses without the benefit of a grade (vide: serial number 18) or credit for a course.
- 9) **Choice Based Credit System (CBCS):** Refers to customizing the course work, through Core, Elective and Soft skill courses, to provide necessary support for the students to achieve their goals.
- 10) **Course Registration:** Refers to formal registration for the courses of a semester (Credits) by every student under the supervision of a Faculty Advisor (also called Mentor, Counsellor etc.,) in each Semester for the Institution to maintain proper record.

- 11) Course Evaluation:** Means Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE) to constitute the major evaluations prescribed for each course. CIE and SEE to carry 40% and 60% respectively, to enable each course to be evaluated for 100 marks, irrespective of its Credits.
- 12) Continuous Internal Evaluation (CIE):** Refers to evaluation of students' achievement in the learning process. CIE shall be by the Course Instructor and includes tests, homework, problem solving, group discussion, quiz, mini-project and seminar throughout the Semester, with weightage for the different components being fixed at the University level.
- 13) Semester End Examination (SEE):** Refers to examination conducted at the University level covering the entire course syllabus. For this purpose, syllabi to be modularized and SEE questions to be set from each module, with a choice confined to the concerned module only. SEE is also termed as University examination.
- 14) First Attempt:** Refers to a student who has completed all formalities and has become eligible to attend the SEE and has attended at least one head of passing, such attempt shall be considered as first attempt.
- 15) Make up Examination:** It is the examination conducted to the failed / rejected courses after Even Semester as specified by the calendar of events of the University.
- 16) Credit Based System (CBS):** Refers to quantification of course work, after a student completes teaching – learning process, followed by passing in both CIE and SEE. Under CBS, the requirement for awarding degree is prescribed in terms of total number of credits to be earned by the students.
- 17) Credit Representation:** Refers to Credit values for different academic activities considered, as per the Table-1. Credits for seminar, project phases, project viva-voce and internship shall be as specified in the Scheme of Teaching and Examination (Annexure -1).

| <b>Table-1: Credit Values</b>                        |  |   |                            |                          |
|--|--|---|----------------------------|--------------------------|
| <b>Theory/Lectures (L)<br/>(hours/week/Semester)</b> | <b>Tutorials (T)<br/>(hours/week/Semester)</b> | <b>Laboratory/Practical (P)<br/>(hours/week/Semester)</b> | <b>Credits<br/>(L:T:P)</b> | <b>Total<br/>Credits</b> |
| 4  | 0  | 0   | 4:0:0                      | 4                        |
| 3  | 0  | 0   | 3:0:0                      | 3                        |
| 2  | 2  | 0   | 2:1:0                      | 3                        |
| 2  | 0  | 2   | 2:0:1                      | 3                        |
| 2  | 2  | 2   | 2:1:1                      | 4                        |
| 0  | 0  | 6   | 0:0:3                      | 3                        |

**NOTE:** Activities like practical training, study tour and participation in guest lectures not to carry Credits.

- 18) Letter Grade:** It is an index of the performance of students in a said Course. Grades are denoted by letters S, A, B, C, D, E and F.
- 19) Grading:** Grade refers to qualitative measure of achievement of a student in each course, based on the percentage of marks secured in (CIE plus SEE). Grading is done by Absolute Grading [Refer: 18BE6.0]. The rubrics attached to letter grades are as follows: S – Outstanding, A – Excellent, B – Very Good, C – Good, D – Above Average, E – Average and F – Fail.
- 20) Grade Point (GP):** Refers to a numerical weightage allotted to each letter grade on a 10-point scale as under:

| <b>Letter Grade and corresponding Grade Points on a typical 10 – Point scale</b> |          |          |          |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|
| <b>Letter Grade</b>  | <b>S</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> |
| <b>Grade Point</b>   | 10       | 09       | 08       | 07       | 06       | 04       | 00       |

- 21) Passing Standards:** Refers to passing a course only when getting GP greater than or equal to 04 (as per serial number 18).
- 22) Credit Point:** It is the product of grade point (GP) and number of credits for a Course i.e.,  
**Credit Point (CrP) = GP × Credits for the Course**

- 23) Semester Grade Point Average (SGPA):** Refers to a measure of academic performance of student/s in a semester. It is the ratio of total credit points secured by a student in various Courses of a semester and the total course credits taken during that semester. [Refer:18BE6.0]
- 24) Cumulative Grade Point Average (CGPA):** Refers to a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points earned 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. [Refer: 18BE6.0]
- 25) Transcript or Grade Card or Certificate:** Refers to a certificate showing the grades earned by a student. A grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the programme details (Course code, title, number of credits, grades secured) along with SGPA of that semester and CGPA earned till that semester.
- 26) University:** Adichunchanagiri University (ACU), BG Nagara.

## Adichunchanagiri University, BG Nagara

### Regulations Governing the Degree of Bachelor of Engineering (BE)

#### Under Choice Based Credit System (CBCS)

(With effective from the academic year 2018 – 19)

|                 |  |
|-----------------|--|
| <b>18BE 1.0</b> | <b>Title, Duration and Credits of the Programme of Study</b>   |
| <b>18BE 1.1</b> | The programme of study shall be called the degree of Bachelor of Engineering abbreviated as BE (Subject of Specialization).  |
| <b>18BE 1.2</b> | <p>The programme to which students are admitted to I Semester of the programme shall be of four academic years duration divided into eight semesters and each semester is of 16 weeks duration.</p> <p>The programme to which students are admitted to III Semester of the programme under lateral entry shall be of three academic year duration divided into six semesters and each semester is of 16 weeks duration.</p> <p>The programme (conducted during evening) to which students are admitted to III semester of the programme under lateral entry shall be of three academic year duration divided into six semesters and each semester is of 16 weeks duration. The deficit contact hours of the programme, conducted during evening on all working days, shall be compensated on all Sundays (except on general holidays).</p>   |
| <b>18BE 1.3</b> | The calendar of events in respect of the programme of study shall be notified by the University in advance.  |
| <b>18BE 1.4</b> | The University examination in all programmes of study shall be conducted at the end of each semester for all the eight semesters.  |
| <b>18BE 1.5</b> | <p><b>Maximum Duration for Programme Completion:</b></p> <p>a)</p> <ol style="list-style-type: none"> <li>i. Students admitted to I Year BE shall complete the programme within a period of eight academic years from the date of first admission, failing which they have to discontinue the course.</li> <li>ii. Students admitted to II Year BE under lateral entry scheme shall complete the programme within a period of six academic years from the date of first admission, failing which he/she has to discontinue the Course.</li> </ol> <p>b)</p> <ol style="list-style-type: none"> <li>i. A student who has not obtained the eligibility for III Semester even after three academic years from the date of admission to I Semester shall discontinue the programme or get readmitted to I Semester of IYear BE with a new University Seat Number but retaining the same year of admission.</li> <li>ii. A student (under lateral entry scheme) who has not obtained the eligibility for V Semester even after three academic years from the date of admission to III Semester shall discontinue the Programme or get readmitted to III Semester of II Year BE with a new University Seat Number but retaining the same year of admission.</li> </ol> |
| <b>18BE 1.6</b> | <p><b>Prescribed number of Credits for the Programme:</b></p> <p>(a) The number of credits to be completed by students admitted to I year Semester of BE programme shall be 160.</p> <p>(b) The number of credits to be completed by students admitted to III Semester of BE programme under lateral entry scheme shall be 117.</p>  |
| <b>18BE 1.7</b> | <b>Definition of credits</b>   |

|  |   |
|--|---|
|  | 1 hour Lecture(L) per week per semester=1 credit<br>2 hour Tutorial(T) per week per semester=1 credit<br>2 hour Practical/Laboratory/Drawing (P) per week per semester=1 credit   |
| <b>18BE 2.0</b>                                    | <b>Eligibility for Admission (As per the Government orders issued from time to time)</b>  |
| <b>18BE 2.1</b><br><br><b>18BE 2.1 (continued)</b> | <p>Admission to I Year/ I Semester Bachelor Degree in Engineering shall be open to the students who have passed the II PUC/ XII Standard/ Equivalent Examination with English as one of the Languages and obtained a Minimum of 45% of Marks in aggregate in Physics and Mathematics along with Chemistry / Bio-Technology / Biology / Electronics / Computer.</p> <p>In case of SC/ST, Category-1 and OBC (2A, 2B, 3A and 3B) category students from Karnataka (Karnataka candidates), the minimum marks for eligibility shall be 40%. With regard to the qualification earned from foreign countries, Equivalence Certificate from the Association of Indian Universities is Mandatory for admission to BE programme. In case of any dispute about the equivalence in qualification earned from foreign countries, the decision of the Equivalence Committee shall be the final in establishing the eligibility of the student.</p> <p>Admission to II Year/ III Semester Bachelor Degree in Engineering (Lateral Entry) shall be open to the Diploma holders and B.Sc. graduates.</p>  |
| <b>18BE 2.2</b>                                    | <p><b>(i)Diploma Holders</b></p> <p>(a) Must have passed diploma or equivalent examination as recognized by University and secured not less than forty five percentage (45%) marks in the final year examination (fifth and sixth semesters) in the appropriate branch of engineering. In case of SC/ST and OBC students from Karnataka, the minimum marks for eligibility shall be forty percent (40%).</p> <p>(b) Those candidates who have completed Diploma from other than Karnataka State shall provide the Equivalence/ Eligibility Certificate from the Director of Technical Education, Karnataka.</p> <p><b>(ii)B.Sc. Graduates</b></p> <p>Must have passed B.Sc. degree from a recognized University under the UGC or equivalent qualification as recognized by University and secured not less than forty five percentage (45%) marks in aggregate (considering the marks of all six semesters). In case of SC/ST and OBC students from Karnataka (Karnataka candidates) the minimum marks for eligibility shall be forty percent (40%). Candidates must have studied Mathematics as subject of study at XII Standard.</p> <p><b>(i) Diploma Holders for the programme conducted during evening:</b></p> <p>A candidate who has passed diploma examination or equivalent examination and obtained an aggregate minimum of 45% marks taken together in all the subjects of the final year (fifth and sixth semesters) diploma examination is eligible to BE Courses, and 40% of marks in case of SC/ST and backward classes of Karnataka candidates.</p> <p>In addition to this, a candidate after passing the diploma, must have minimum of two years full-time professional experience as on first September of the year of admission, in a registered firm/company/industry/ educational / Government / Autonomous organizations in the branch of Engineering/ Technology, in which the candidates hold a diploma, and in which admission is sought by him/her.</p> <p>Further that employment shall be in an establishment situated within the 100 km from the place of the institution to which the candidate is seeking admission. Professional experience refers to the experience earned as an employee on regular basis in,</p> |

|   |  |
|---|--|
| <b>18BE 2.2</b><br><b>(continued)</b><br><b>)</b> | <p>(a) Government, Government Undertaking, Public Sector Undertaking, Corporation or,</p> <p>(b) In a private company registered under the Directorate of Industries and Commerce or the Directorate of Small Scale Industries or,</p> <p>(c) Government, Government recognized Institutions as technical staff. Provided that the period of apprenticeship undergone shall also be treated as professional experience, if sponsored by the Board of Apprenticeship Training, Southern Region, Chennai or by Government, Government undertakings and Public Sector undertakings.</p> <p>Further, those candidates who have completed Diploma from other than Karnataka state shall provide the Equivalence/ Eligibility Certificate from the Director of Technical Education, Karnataka.</p>   |
| <b>18BE 2.3</b>                                   | <p>Those students, who have passed a qualifying examination other than the PUC II examination of the Pre-University Education Board of Karnataka, have to obtain Eligibility Certificate for seeking admission to BE Degree Programme from Adichunchanagiri University, BG Nagara.</p>   |
| <b>18BE 3.0</b>                                   | <b>Courses</b>   |
| <b>18BE 3.1</b>                                   | <p>There shall be the following types of Courses:</p> <p>a) Humanities and Social Sciences (HSS) including Management. These are mandatory for all disciplines.</p> <p>b) Basic Sciences (BS): Physics, Chemistry and Mathematics. These are mandatory for all disciplines.</p> <p>c) Engineering Sciences (ES): Materials, Drawing, and Basics of Electrical/ Electronics/ Instrumentation/ Civil/ Mechanical/ Computer Engineering. These are mandatory for all disciplines.</p> <p>d) Professional Subjects (PS) - Core: These are the Professional Core (PC) courses, relevant to the chosen specialization/ branch. The core Courses are to be compulsorily studied by a student and are mandatory to complete them to fulfil the requirements of a programme.</p> <p>e) Professional Subjects (PS) - Elective: These are the Professional Electives (PE), relevant to the chosen specialization/ branch and can be chosen from the pool of papers. It shall be supportive to the discipline providing extended scope/enabling an exposure to some other discipline /domain and nurturing student proficiency skills.</p> <p>f) Open Subjects - Electives (OE): These are from other technical areas and/ or from emerging fields.</p> <p>g) Mini Project and Main Project: Carried out at the Institution or at an Industry.</p> <p>h) Seminar: Deliverable at the Institution under the supervision of a Faculty.</p> <p>i) Internship: Preferably at an industry/R &amp; D organization/IT company/ Government organization of significant repute for a specified period mentioned in the Scheme of Teaching and Examination.</p> <p>j) Mandatory Courses (MC): These courses are mandatory, without the benefit of a grade or credit, for students admitted to BE programme. A pass in each mandatory course is required to qualify for Degree award from the University.</p> <p>k) Audit Courses (AC): Knowledge/ skill enhancement courses without the benefit of a grade or credit for a course.</p> <p>i) The Audit Course/s (other than the Course/s considered for completing the prescribed programme credits) can be any Course offered by the programme to which the student is admitted to other programmes offered in the institution, where</p> |



|                                      |   |
|--------------------------------------|---|
| <b>18BE 3.1<br/>(continued<br/>)</b> | <p>the student is studying.</p> <p>ii) The students who are interested in audit courses can register for one audit course at a time during III to VIII Semesters. Students, who have opted for audit courses and considered on par with students registered for credit courses, have to satisfy the attendance and CIE requirements. However, they need not have to appear for SEE.</p> <p>The number of registrations to an audit Course is restricted to 10% of the AICTE intake.</p> <p>iii) Registration for any audit course, in writing, shall be completed at the beginning of semesters. The Institution should intimate the Registrar (Evaluation) about the registration at the beginning of the semester and obtain a formal approval for inclusion of the audit Course/s in the Grade cards/ Transcripts issued to the students.</p>  |
| <b>18BE 3.2</b>                      | The minimum number of students registered to any Elective offered by the Departments shall be not less than fifteen.  |
| <b>18BE3.3</b>                       | <p>A student shall exercise his option in respect of Elective Courses and register for the same at the beginning of the concerned semester.</p> <p>The student may be permitted to opt for a change of Elective Course within 15 days from the date of commencement of the semester as per the calendar of the University.</p>  |
| <b>18BE3.4</b>                       | <b>Course Registration:</b> Every student shall register for the Courses of a semester(Credits) under the supervision of a Faculty Advisor (also called Mentor, Counsellor etc.) in each Semester for the Institution to maintain proper record.  |
| <b>18BE4.0</b>                       | <b>Internship/Professional Practice</b>   |
| <b>18BE4.1</b>                       | <p><b>Internship / Professional Practice:</b></p> <ol style="list-style-type: none"> <li>1) The Internship shall be completed during the period specified for four weeks during the vacation of VI and VII semesters and/or VII and VIII Semester</li> <li>2) The internship can be carried out in any industry/R &amp; D Organization/Research Institute/Educational institute of repute.</li> <li>3) The Department/college shall nominate staff member/s to facilitate, guide and supervise students under internship.</li> <li>4) The students shall report the progress of the internship to the guide in regular intervals and seek his/her advice.</li> <li>5) After the completion of internship, students shall submit a report with completion and attendance certificates to the Head of the Department with the approval of both internal and external guides.</li> <li>6) There will be 50 marks for CIE (Seminar: 25&amp; Internship Report: 25) and 50 marks for Viva-voce conducted during SEE. The minimum requirement of CIE marks shall be 50% of the maximum marks. [To be read along with 18BE8.6 ]</li> <li>7) The internal guide shall award the marks for Seminar and Internship Report after evaluation. He/she will also be the internal examiner for Viva-voce conducted during SEE.</li> <li>8) The external guide from the industry shall be an examiner for the Viva-voce on internship. Viva-voce on internship shall be conducted at the college and the date of Viva-voce shall be fixed in consultation with the external guide. The Examiners shall jointly award the Viva-voce marks.</li> <li>9) In case the external guide expresses his/her inability to conduct viva-voce, the Chief Superintendentof the institution shall appoint a senior faculty of the Department to conduct viva-voce along with the internal guide. The same shall be</li> </ol> |

|  | informed in writing to the concerned Chairperson of Board of Examiners (BOE).<br>10) The students are permitted to carry out the internship anywhere in India or abroad. The University will not provide any kind of financial assistance to any student for carrying out the Internship.   |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
|--|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------|---------|------|--------------|---|---|---|---|---|---|---|--------------|----|---|---|---|---|---|---|--|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------|
| 18BE4.2                                | <b>Failing to undergo Internship:</b> Internship is one of the head of passing. Completion of internship is mandatory. If any student fails to undergo /complete the internship, he/she shall be considered as failed in that Course and shall not be permitted to appear for SEE in that Course. However, student shall appear for SEE after satisfying the conditions prescribed for Internship. The reappearance shall be considered as an attempt.  |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| 18BE5.0                                | <b>Seminar and Project Work</b>   |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| 18BE 5.1<br>18BE 5.1<br>(continued )   | <b>Seminar:</b> Seminar is one of the head of passing:<br>i) Each candidate shall deliver Seminar as per the Scheme of Teaching and Examination on the topics chosen from the relevant fields with latest topics for about 20 minutes.<br>ii) The Head of the Department shall make arrangements for conducting seminars through concerned faculty members of the Department. The committee constituted for the purpose by the Head of the Department shall award the CIE marks for the seminar. The committee shall consist of three faculties from the Department and the senior most acting as the Chairman/Chairperson. [To be read along with 18BE8.6].  |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| 18BE 5.2                               | <b>Project Work:</b> Project (Mini and Main) Work is one of the head of passing: Mini Project work and Main Project work shall preferably be batch wise, the strength of each batch shall not exceed maximum of four students (minimum of 2).   |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| 18BE 5.3                               | Viva-voce examination in Mini Project work and Main Project work shall be conducted batch-wise.   |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| 18BE 6.0                               | <b>Computation of SGPA and CGPA</b>   |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| 18BE 6.1                               | <p>i) The University adopts absolute grading system wherein the marks are converted to grades, and every semester results will be declared with semester grade point average (SGPA) and Cumulative Grade Point Average (CGPA). The CGPA will be calculated for every semester, except for the first semester.</p> <p>ii) The grading system with the letter grades and the assigned range of marks under absolute grading system are as given below:</p> <table><tr><th>Level</th><th>Outstanding</th><th>Excellent</th><th>Very Good</th><th>Good</th><th>Above Average</th><th>Average</th><th>Fail</th></tr><tr><td>Letter Grade</td><td>S</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td>Grade Points</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>4</td><td>0</td></tr><tr><td>Percentage of Marks Scored in a Course</td><td><math>\geq 90</math><br/>(90 -100)</td><td><math>&lt;90 \geq 80</math><br/>(80 - 89)</td><td><math>&lt;80 \geq 70</math><br/>(70 - 79)</td><td><math>&lt;70 \geq 60</math><br/>(60 - 69)</td><td><math>&lt;60 \geq 45</math><br/>(45 - 59)</td><td><math>&lt;45 \geq 40</math><br/>(40 - 44)</td><td><math>&lt;40</math><br/>(0-39)</td></tr></table> <p>iii) A student obtaining Grade ‘F’ in a course shall be considered failed and is required to reappear in subsequent SEE. Whatever the letter grade secured by the student during his / her reappearance shall be retained. The failed student shall take make up examinations as per the calendar of events issued by the university.</p> | Level                      | Outstanding                | Excellent                  | Very Good                  | Good                       | Above Average   | Average | Fail | Letter Grade | S | A | B | C | D | E | F | Grade Points | 10 | 9 | 8 | 7 | 6 | 4 | 0 | Percentage of Marks Scored in a Course | $\geq 90$<br>(90 -100) | $<90 \geq 80$<br>(80 - 89) | $<80 \geq 70$<br>(70 - 79) | $<70 \geq 60$<br>(60 - 69) | $<60 \geq 45$<br>(45 - 59) | $<45 \geq 40$<br>(40 - 44) | $<40$<br>(0-39) |
| Level                                  | Outstanding   | Excellent                  | Very Good                  | Good                       | Above Average              | Average                    | Fail            |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| Letter Grade                           | S   | A                          | B                          | C                          | D                          | E                          | F               |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| Grade Points                           | 10  | 9                          | 8                          | 7                          | 6                          | 4                          | 0               |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| Percentage of Marks Scored in a Course | $\geq 90$<br>(90 -100)  | $<90 \geq 80$<br>(80 - 89) | $<80 \geq 70$<br>(70 - 79) | $<70 \geq 60$<br>(60 - 69) | $<60 \geq 45$<br>(45 - 59) | $<45 \geq 40$<br>(40 - 44) | $<40$<br>(0-39) |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |
| 18BE 6.2                               | <b>Computation of SGPA and CGPA (as per UGC Guidelines)</b><br>The following procedures shall be used to compute the SGPA and CGPA respectively:<br>i) The SGPA is the ratio of sum of the product of the number of credits with the grade points secured by a student in all the courses taken by him/her and the sum of the number of credits of all the courses undergone by a student, i.e.,<br>$SGPA = \frac{\sum(C_i \times G_i)}{\sum C_i}$  |                            |                            |                            |                            |                            |                 |         |      |              |   |   |   |   |   |   |   |              |    |   |   |   |   |   |   |  |                        |                            |                            |                            |                            |                            |                 |

18BE 6.2  
(continued  
)

Where  $C_i$  is the number of credits of the  $i^{\text{th}}$  course and  $G_i$  is the grade point scored by the student in the  $i^{\text{th}}$  course.

- ii) 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.,

$$\text{CGPA} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

where  $S_i$  is the SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is the total number of credits in that semester.

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

### Illustration for Computation of SGPA and CGPA

#### Computation of SGPA

| Illustration No.1            |        |              |             |                                 |
|------------------------------|--------|--------------|-------------|---------------------------------|
| Course                       | Credit | Grade letter | Grade point | Credit Point = (Credit × Grade) |
| Course 1                     | 4      | B            | 08          | $4 \times 08 = 32$              |
| Course 2                     | 4      | D            | 06          | $4 \times 06 = 24$              |
| Course 3                     | 4      | C            | 07          | $4 \times 07 = 28$              |
| Course 4                     | 3      | S            | 10          | $3 \times 10 = 30$              |
| Course 5                     | 3      | E            | 04          | $3 \times 04 = 12$              |
| Course 6                     | 3      | D            | 06          | $3 \times 06 = 18$              |
| Course 7                     | 2      | A            | 09          | $2 \times 09 = 18$              |
| Course 8                     | 2      | D            | 06          | $2 \times 06 = 12$              |
| Total                        | 25     | --           | --          | 174                             |
| Thus, SGPA = $174/25 = 6.96$ |        |              |             |                                 |

| Illustration No.2            |        |              |             |                                 |
|------------------------------|--------|--------------|-------------|---------------------------------|
| Course                       | Credit | Grade letter | Grade point | Credit Point = (Credit × Grade) |
| Course 1                     | 4      | B            | 08          | $4 \times 08 = 32$              |
| Course 2                     | 4      | D            | 06          | $4 \times 06 = 24$              |
| Course 3                     | 4      | C            | 07          | $4 \times 07 = 28$              |
| Course 4                     | 3      | S            | 10          | $3 \times 10 = 30$              |
| Course 5                     | 3      | F            | 00          | $3 \times 00 = 00$              |
| Course 6                     | 3      | D            | 06          | $3 \times 06 = 18$              |
| Course 7                     | 2      | A            | 09          | $2 \times 09 = 18$              |
| Course 8                     | 2      | D            | 06          | $2 \times 06 = 12$              |
| Total                        | 25     | --           | --          | 162                             |
| Thus, SGPA = $162/25 = 6.48$ |        |              |             |                                 |

If a Student secures letter grade C during reappearance then the SGPA is Calculated as shown below.

#### Illustration No. 2(a)

| Course  | Credit | Grade letter | Grade point | Credit Point = (Credit × Grade) |
|---|--------|--------------|-------------|---------------------------------|
| Course 5  | 3      | C            | 07          | $3 \times 07 = 21$              |
| Total Credit Points = Credit Points of first Attempt + Credit Points of subsequent attempt = $162 + 21 = 183$ |        |              |             |                                 |
| Total credits of the semester = 25  |        |              |             |                                 |
| Thus, SGPA = $183/25 = 7.32$  |        |              |             |                                 |

| Illustration No.3 |        |              |             |                                 |
|-------------------|--------|--------------|-------------|---------------------------------|
| Course            | Credit | Grade letter | Grade point | Credit Point = (Credit × Grade) |
| Course 1          | 4      | B            | 08          | $4 \times 08 = 32$              |
| Course 2          | 4      | D            | 06          | $4 \times 06 = 24$              |
| Course 3          | 4      | C            | 07          | $4 \times 07 = 28$              |
| Course 4          | 3      | S            | 10          | $3 \times 10 = 30$              |
| Course 5          | 3      | A            | 09          | $3 \times 09 = 27$              |

|   |  |      |      |      |             |      |      |      |      |
|---|--|------|------|------|-------------|------|------|------|------|
| 18BE 6.2<br>(continued)<br>)  | Course 6   | 3    | D    | 06   | 3 × 06 = 18 |      |      |      |      |
|   | Course 7   | 2    | A    | 09   | 2 × 09 = 18 |      |      |      |      |
|   | Course 8   | 2    | D    | 06   | 2 × 06 = 12 |      |      |      |      |
|   | Total  | 25   | --   | --   | 189         |      |      |      |      |
|   | Thus, SGPA= 189/25 = 7.56  |      |      |      |             |      |      |      |      |
|   | <b>CGPA(for Illustrations 2 &amp; 3) = <math>\frac{25 \times 7.32 + 25 \times 7.56}{50} = 7.44</math></b>  |      |      |      |             |      |      |      |      |
|   |  |      |      |      |             |      |      |      |      |
|   | Semester   | I    | II   | III  | IV          | V    | VI   | VII  | VIII |
|   | Credits of the semester  | 24   | 24   | 27   | 27          | 24   | 24   | 24   | 26   |
|   | SGPA   | 7.00 | 8.50 | 9.20 | 6.86        | 8.18 | 7.73 | 8.68 | 9.40 |
| <b>Thus CGPA</b><br><br><b>= <math>\frac{24 \times 7.00 + 24 \times 8.50 + 27 \times 9.20 + 27 \times 6.86 + 24 \times 8.18 + 24 \times 7.73 + 24 \times 8.68 + 26 \times 9.40}{200} = 8.2</math></b> |  |      |      |      |             |      |      |      |      |
| 18BE 6.3  | <b>Grade Card:</b> Based on the secured letter grades, grade points, SGPA and CGPA, a grade card for each semester and a consolidated grade card indicating the performance in all semesters shall be issued.  |      |      |      |             |      |      |      |      |
| 18BE 7.0  | <b>Conversions of Grades into Percentage and Declaration of Class</b>  |      |      |      |             |      |      |      |      |
| 18BE 7.1  | Conversion formula for the conversion of CGPA into Percentage is given below:<br><br>Percentage of marks secured, P = [CGPA Earned – 0.75] × 10<br><br><b>Illustration for a CGPA of 8.20:</b><br>P = [8.2 – 0.75] × 10 = 74.5%  |      |      |      |             |      |      |      |      |
| 18BE 7.2  | <b>Class Declaration:</b><br><br>After the conversion of final CGPA into percentage of marks (P), a graduating student is declared to have passed in<br><br>(i) First Class with Distinction (FCD) if P ≥ 70%<br>(ii) First Class (FC) if P ≥ 60% but <70% and<br>(iii) Second Class (SC) if P < 60%.  |      |      |      |             |      |      |      |      |
| 18BE 8.0  | <b>Continuous Internal Evaluation</b>  |      |      |      |             |      |      |      |      |
| 18BE 8.1  | For each theory and practical paper, the CIE marks shall be 40.<br>For Technical Seminar, the CIE marks shall be 100.<br>For Internship/ Professional Practice, the CIE marks shall be 50.<br>For Project Phase –I and Project Seminar and Project phase –II, the CIE shall be 100 respectively.   |      |      |      |             |      |      |      |      |
| 18BE 8.2  | In case of theory, the CIE marks in each theory course shall be the sum of marks prescribed for test and assignment.<br>Marks prescribed for test shall be 30 and that for assignment is 10.<br>The CIE marks for test in a theory course shall be based on three tests generally conducted at the end of fifth, tenth and fourteenth week of each semester. Each test shall be conducted for a maximum of 30 marks and the final marks shall be the average of two best tests among the three tests.<br><br>The remaining 10 marks shall be awarded based on the evaluation of Assignments/ Unit tests/written quizzes that support to cover some of the course/programme outcomes. Final CIE marks awarded shall be the sum of these two out of maximum of 40 marks.<br><br>For English – I, English – II, Constitution of India, Environmental Studies and other audit courses CIE is conducted for 40 marks.<br><br>The candidates shall write the Internal Assessment Tests and Assignments/Unit- |      |      |      |             |      |      |      |      |

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|  | Tests/ written quizzes in Blue Books which shall be preserved by the Principal / Head of the Department for at least three years after the announcement of University results and shall be made available for verification.  |
| <b>18BE 8.3</b>                                    | In the case of a Practical, the CIE marks shall be based on the laboratory journals / records (30 marks on continuous evaluation based on conduct of experiment, viva and report writing) and one practical test (10 Marks) to be conducted at the end of the semester.  |
| <b>18BE 8.4</b><br><br><b>18BE 8.4 (continued)</b> | (i)The CIE marks for I Year Computer Aided Engineering / Drawing:<br>a) 30 marks for class work (sketching and Computer Aided Engineering Drawing).<br>b) 10 marks for test conducted in the same pattern as that of SEE.<br>(ii)The CIE marks for other Drawings/ Design Drawings offered by various branches shall be based on the evaluation of the sheets and one test in the ratio 60:40.<br>(iii) The CIE marks awarded for field work (like surveying Practice) shall be based on the evaluation of the associated field work and one test in the ratio 60:40.  |
| <b>18BE 8.5</b>                                    | The CIE marks in the case of projects and seminars in the final year shall be based on the evaluation at the end of VIII Semester by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom shall be the project / seminar guide.  |
| <b>18BE 8.6</b>                                    | i) Minimum CIE marks for all theory courses shall be 40% of the marks prescribed for continuous internal evaluation i.e. 16 marks.<br>ii) Minimum requirement of CIE marks for Practical / Mini-Project / Internship / Technical Seminar / Project work Phase 2 shall be 50% of the maximum marks.<br>iii) Minimum requirement of CIE marks for Technical Seminar shall be 40% of the maximum marks i.e. 40 marks.<br>iv) Minimum CIE marks for Project work Phase 1 shall be 50% of the maximum marks i.e. 50 marks.<br>v) Minimum CIE marks for Additional Mathematics and the courses (Computer Aided Engineering Drawing and Elements of Civil Engineering & Mechanics of the first year Engineering) to be completed by B.Sc. graduates under lateral entry shall be 40% of the marks prescribed for Continuous Internal Evaluation i.e.16 marks.   |
| <b>18BE 8.7</b>                                    | i) Students failing to secure the minimum percentage of CIE marks of any course/s shall not be eligible for the SEE conducted by the university and they shall be considered as fail in that course/s. However they can appear for University Examinations conducted in other courses of the same semester and backlog course/s if any.<br>ii) Students who satisfied the attendance requirement but not the CIE requirements are permitted to register afresh and appear for SEE after satisfying CIE requirements in same course/s (with or without satisfying the attendance requirement) when offered during subsequent semester/s.<br>iii) If any student fails to secure a minimum of 40% of the maximum CIE marks in seminar / fails to deliver the seminar, he/she shall be considered as failed in that course and shall not be eligible for the award of degree. However, the student shall become eligible for the award of degree after satisfying the requirements prescribed for seminar during the subsequent semester/s. |
| <b>18BE 8.8</b>                                    | CIE marks of those students, who come under 18BE8.7, shall be sent separately to the Registrar (Evaluation).   |
| <b>18BE 8.9</b>                                    | If a student remains absent for all the CIE tests conducted, the CIE Marks shall be marked as AB for the courses against the Register Number of the student in the marks sheet submitted to the University by the Principal of the College.  |
| <b>18BE 8.10</b>                                   | Improvement of CIE marks shall not be allowed in:  |

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|                  | <p>a. Theory Courses where the student has already secured the minimum required marks.</p> <p>b. Laboratory/Workshop/Seminar/Internship/Project where the student has already secured the minimum required marks.</p>  |
| <b>18BE 8.11</b> | The final list, incorporating corrections (if any) of CIE marks awarded to the students in the Theory/Practical/Internship/Project work/ Seminar, shall be displayed on the notice board of the college at least seven days before the closure of the semester and a certified copy of the same shall be sent by the Principal to the University Examination Section within the stipulated date. Every page of the CIE marks sheet shall bear the signatures of the concerned Teacher/Teachers, Head of the Department and Principal.  |
| <b>18BE 8.12</b> | Any corrections or overwriting of CIE marks shall bear the signature(s) of concerned Teacher(s) and in such cases the Head of the Department shall indicate the number of corrections on every sheet and attest it with his/her signature.   |
| <b>18BE 8.13</b> | CIE marks shall reach the University before the commencement of examination as per the notification issued from the office of the Registrar (Evaluation) from time to time. After the submission of CIE marks to the University, any request under any circumstances for change of CIE marks may be considered.  |
| <b>18BE 9.0</b>  | <b>Eligibility for Passing and Award of Degree (To be read along with 18BE4.2, 5.1, 5.2, 8.6 and 8.7)</b>  |
| <b>18BE 9.1</b>  | <p>a) For a pass in a theory Course/Drawing, the student shall secure minimum of 35% of the maximum marks prescribed in the University examination and in total 40% of the maximum marks (i.e., prescribed for SEE and CIE) including the CIE marks secured by the student.</p> <p>b) The minimum passing letter grade in a course is 'E'.</p> <p>c) For a pass in a Practical/Internship/Project (Mini &amp; Main) /Viva-voce examination, a student shall secure a minimum of 40% of the maximum marks prescribed for the University Examination. The minimum passing grade in a course is 'E'.</p>  |
| <b>18BE 9.2</b>  | <p>1) A student who obtain any grade from 'S' to 'E' shall be considered as passed.</p> <p>2) If a student secures 'F' grade in any of the head of passing (18BE 4.2, 18BE 5.1, 18BE 5.2 and 18BE 11.2), he/she has to reappear in that head in the Make-up Examination and further if 'F' is secured, then he/she has to reappear for the SEE.</p> <p>3) A student will be declared successful at the end of programme, when he/she has none of the courses remaining with 'F' grade and shall have CGPA of greater than or equal to 5.00.</p> <p>4) In case, the CGPA falls below 5.00 at the end of the programme, the student shall be permitted to appear again for SEE in full or part of the previous semester courses by rejecting the performance for required number of course/s (other than seminar, project and practical) and times, subject to the provision of 18BE 1.5, to make up CGPA equal to or greater than 5.0. The student should reject the SEE results of the previous attempt and obtain written permission from the Registrar (Evaluation) to reappear in the subsequent SEE.</p> |
| <b>18BE 9.3</b>  | <p>The student who do not satisfy the provision 18BE 9.2 (1) and the student who remain absent for the University examinations shall be deemed to have failed in that course/s. He/she has to reappear for the University examination in the subsequent examinations. The CIE marks awarded to the student at first attempt in the concerned theory Course/s will be carried forward.</p> <p>Revised CIE marks are considered only in cases under the provisions of 18BE8.7.</p>   |
| <b>18BE 9.4</b>  | Student who passes a course of a semester as per 18BE 9.1 and has earned CGPA equal to or greater than 5.00 shall not be allowed to appear for any individual Course/s again, unless they opt for rejection of results of entire semester as per 18BE 9.5.   |
| <b>18BE 9.5</b>  | A student may, at his/her desire, reject the total performance of a semester (including  |

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|--|--|
|  | CIE marks) or reject only the result of his/her performance in SEE of a semester. The rejection is permitted only once during the entire programme of study.   |
| <b>18BE 9.6</b>  | The student who desires to reject the results of a semester shall reject performance in all the courses of the semester, irrespective of whether the student has passed or failed in any course. However, the rejection of performance of VIII Semester project shall not be permitted.  |
| <b>18BE 9.7</b><br><b>18BE 9.7</b><br><b>(continued)</b><br><b>)</b> | A student, who desires to reject the total performance of a semester including CIE marks, has to take readmission for that semester.<br>Application for approval of readmission shall be sent to the Registrar through the Principal of College within 30 days from the date of the announcement of the results. Readmission to first semester in such cases shall not be considered as fresh admission and therefore the student will continue to have the same Register Number, which was allotted earlier. The Course duration (as per 18BE 1.5) will be counted with reference to old Register Number.   |
| <b>18BE 9.8</b>  | The student, who rejects only the results of University examination of a semester, shall be permitted to reappear for University examinations of all the Courses of that semester in the subsequent examinations. However, the CIE marks obtained by the student in the rejected semester shall be retained.<br>Applications for rejection and approval to reappear for University examination shall be sent to the Registrar (Evaluation) through the Principal of the College within 30 days from the date of announcement of the results. If the rejection of results of University examination is of odd semester, the student shall be allowed to take admission to the immediate next even semester. However, if the rejection of results of University examination is of even semester, then the student shall not be allowed to take admission to the next odd semester (as per 18BE 11.2).                        |
| <b>18BE 9.9</b>  | Students who opt for rejection of results of University examinations are eligible for the award of class and distinction, but are not eligible for the award of ranks.   |
| <b>18BE 9.10</b>   | A student shall be declared to have completed the programme of BE degree, provided the student has undergone the stipulated Course work as per the Scheme of Teaching and Examination and has earned the prescribed number of credits as per the provision 18BE1.6, having CGPA $\geq 5$ with none of the registered courses remaining with 'F' grade.   |
| <b>18BE 9.11</b>   | Student who find it too difficult to pass a course can drop the course/s after CIE-I the total number of credits registered even after dropping a course/s shall be at least 20.<br>i) A specific period shall be fixed for dropping courses in a given Semester after the announcement of CIE-I result based on the recommendations of the Mentor in consultation with the course teacher. The same shall be recommended by the concerned Head of the Department. Dropping of courses/s shall not appear in the Grade Card.<br>ii) If core course/s are dropped, such course/s are to be reregistered whenever the course/s are offered. However, if the dropped course/s are electives, then students have an option to reregister either for the same or an equivalent course/s later, depending on the availability of course/s with the consent of the Mentor and approval from the concerned Head of the Department. |
| <b>18BE 9.12</b>   | i) A student shall be permitted to withdraw temporarily from the programme on grounds like, prolonged illness, calamity in the family or any other serious happening. The withdrawal shall be for periods which are integral multiples of a Semester provided:   |

|                                       |   |
|---------------------------------------|---|
| <b>18BE 9.12<br/>(continued<br/>)</b> | <p>a) The student shall present the facts to the college within 6 weeks from the date; he/she has last attended the classes stating fully the reasons for such a withdrawal, together with supporting documents and endorsement of his/her parent or guardian. Further, the Principal has to forward to the University and get the approval.</p> <p>b) The student shall not have any dues to the College.</p> <p>ii) A student availing temporary withdrawal from the programme of study under above provision shall be required to pay such fees and/or charges as may be fixed by the University at the time of reporting to the College to continue the programme. The fees/charges once paid shall not be refunded.</p> <p>iii) A student shall be entitled to avail the temporary withdrawal facility only once during his/her studentship of the programme at the University. The withdrawal period shall be such that the candidate can complete the programme requirement (160 credits for students admitted in I Year and 117 credits for Lateral entry students) within the time limits specified by the University. However, any other permissible concession requested by the concerned student shall have to be at the discretion of the Registrar.</p> |
| <b>18BE 10.0</b>                      | <b>Attendance Requirement</b>   |
| <b>18BE 10.1</b>                      | <p>Courses of each semester shall be treated as a separate unit for calculation of the attendance. The candidate has to put in a minimum attendance of 75% in each course with a provision to condone 10% of the attendance by the Dean on the specific recommendations of the Head of the Department where the student is studying, based on medical grounds, participation in University/State/ National/ International level sports and cultural activities, seminars, workshops, paper presentation, etc., of significant value. The supporting documents for condoning the shortage of attendance are to be submitted along with the specific recommendations.</p>   |
| <b>18BE 10.2</b>                      | <p>a) The basis for calculation of attendance shall be the period prescribed by the university by its calendar events.</p> <p>b) For course/s having lecture and tutorial hours, attendance shall be with respect to 75% of attendance in lecture hour and 75% of attendance in tutorial hours. If the attendance requirement is not satisfied in any one of them, the candidate shall be considered as not satisfied the attendance condition. Condonation of 10% shall be applied separately to lecture and tutorial hour to make up the deficiency in attendance. Faculties shall also maintain the attendance of students of lecture and tutorial hours separately in the same register or in separate registers.</p> <p>c) In case of late admission, approved by competent authority (ACU), to I Semester/III semester (lateral entry scheme)/ III semester (lateral entry scheme) of Engineering programme conducted during evening the attendance shall be reckoned from the date of admission to the programme.</p>  |
| <b>18BE 10.3</b>                      | <p>The Course Instructor/ Mentor/College shall inform the students as well as their parents about the attendance status periodically. Students who are facing the shortage of attendance be mentored to make up the shortage.</p>   |
| <b>18BE 10.4</b>                      | <p>A candidate, who does not satisfy the attendance requirement (in one or more courses) as mentioned in 18BE10.1 shall not be eligible to appear for the SEE &amp; Make up examinations of that semester and shall not be permitted to take admission to next higher semester. The candidate shall be required to repeat that semester during the subsequent year.</p>   |
| <b>18BE 10.5</b>                      | <p>The detained list shall be sent to Registrar (Evaluation) one week prior to the</p>  |



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|                  | commencement of the examination.<br>The detained students should obtain permission from Registrar, ACU for readmission to the semester concerned as a repeater.   |
| <b>18BE 11.0</b> | <b>Vertical Progression (Promotion / Eligibility to higher Semesters)</b>   |
| <b>18BE 11.1</b> | There shall be no restriction for promotion from an odd semester to the next even semester, provided the student has fulfilled the attendance requirement.  |
| <b>18BE 11.2</b> | A student shall be declared failed if the candidate<br>i) Fail to satisfy the condition 18BE 9.1.<br>ii) Absent himself / herself to the university examinations.<br>iii) Is held guilty of examination malpractice and for any other reasons and declared the performance of any course/s null and void by a competent authority.<br>iv) Has not satisfied the CIE requirements of any credit course/s<br>v) Has not registered for the SEE even after satisfying the attendance and CIE requirements.   |
| <b>18BE 11.3</b> | <p>A) Vertical Progression in case of students admitted to I Year.</p> <p>a) A student with <math>CGPA \geq 5</math> at the end of first academic year and having no 'F' grade or having not more than four 'F' grades in the two semesters of I Year of the program shall be eligible to move to II Year.</p> <p>i) A student with <math>CGPA \geq 5</math> at the end of second academic year and having no 'F' grade or having not more than four 'F' grades in the four semesters of I &amp; II Year of the program shall be eligible to move to III Year.</p> <p>ii) A student with <math>CGPA \geq 5</math> at the end of third academic year and has earned all the prescribed credits of I Year and having no 'F' grade or having not more than four 'F' grades in the four semesters of II &amp; III Year of the program shall be eligible to move to IV Year.</p> <p>b) A student shall also be eligible for the first time, with a warning to move higher odd semester if he/she has failed to secure a minimum <math>CGPA = 5</math> at the end of any academic year.</p> <p>c) For the award of degree a <math>CGPA \geq 5</math> at the end of program shall be mandatory.</p> <p>B) Vertical progression in case of students admitted to II Year (Lateral entry)</p> <p>a) A student with <math>CGPA \geq 5</math> at the end of second academic year and having no 'F' grade or having not more than four 'F' grades (excluding the fail or pass status of Additional Mathematics) in the two semesters of II Year of the program shall be eligible to move to III Year.</p> <p>i) A student with <math>CGPA \geq 5</math> at the end of third academic year and having no 'F' grade or having not more than four 'F' grades (including the fail status of Additional mathematics, if any) in the four semesters of II &amp; III Year of the program shall be eligible to move to IV Year.</p> <p>b) A student shall also be eligible for the first time, with a warning to move higher odd semester if he/she has failed to secure a minimum <math>CGPA = 5</math> at the end of any academic year.</p> <p>The mandatory non-credit courses Additional Mathematics prescribed at II Year, to lateral entry diploma holders admitted to third Semester of BE programs, shall compulsorily be registered during the respective Semesters to complete all the formalities of the course and appear for the University examination. Additional Mathematics shall be completed before completion of eighth Semester.</p> <p>c) For the award of degree a <math>CGPA \geq 5</math> at the end of program shall be mandatory.</p> <p>C) Vertical Progression in case B.Sc. students admitted to II Year (Lateral Entry)</p> |

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| <b>18BE 11.3</b><br><b>(continued</b><br><b>)</b> | <p>a) A student with <math>CGPA \geq 5</math> at the end of second academic year and having no 'F' grade or having not more than four 'F' grades (excluding the fail or pass status of Computer Aided Engineering Drawing and Elements of Civil Engineering &amp; Mechanics of I Year Engineering Program) in the two semesters of II Year of the program shall be eligible to move to III Year.</p> <p>i) A student with <math>CGPA \geq 5</math> at the end of third academic year and having no 'F' grade or having not more than four 'F' grades (including the fail status of Computer Aided Engineering Drawing and Elements of Civil Engineering &amp; Mechanics, if any) in the four semesters of II &amp; III Year of the program shall be eligible to move to IV Year.</p> <p>b) A student shall also be eligible for the first time, with a warning to move higher odd semester if he/she has failed to secure a minimum <math>CGPA = 5</math> at the end of any academic year.</p> <p>Lateral entrant students from B.Sc. stream shall clear the non-credit courses Computer Aided Engineering Drawing and Elements of Civil Engineering &amp; Mechanics of the I Year Engineering Program. These courses shall not be considered for vertical progression from II Year to III Year. These courses shall be completed before eighth Semester.</p> <p>c) For the award of degree a <math>CGPA \geq 5</math> at the end of program shall be mandatory.</p>   |
| <b>18BE 11.4</b>                                  | <p>1) Noncompliance of <math>CGPA \geq 5</math> at the end of an academic year.</p> <p>i) In case the <math>CGPA</math> falls below 5 at the end of an academic year for the second time during the subsequent academic year the student shall not be permitted for the next higher odd Semester.</p> <p>ii) In case of 18BE 11.4 (1) (i), the students are permitted to appear again for SEE in full or part of the corresponding previous course/s by rejecting the performance of them (other than internship, technical seminar, project (mini &amp; main) and laboratories) for any number of times subject to the provision of 18BE 1.5 to make up the <math>CGPA</math> equal to or greater than 5 for enrolment to next higher odd semester or for the award of degree.</p> <p>iii) The student should reject the SEE result of the previous attempt and obtain written permission from the Registrar (Evaluation) to reappear in the subsequent SEE.</p> <p>2) Noncompliance of Mini Project:</p> <p>a) The mini project shall be considered as a head of passing and shall be considered for the award of degree, those who do not take up/complete the mini project shall be declared as failed and shall have to complete the same during subsequent university examination after satisfying the mini project requirement, also mini project shall be considered for eligibility to VII Semester.</p> <p>3. Noncompliance of Internship:</p> <p>a) All the students admitted to III year of BE shall have to undergo mandatory internship of four weeks during the vacation of VI and VII semesters and/or VII and VIII Semester. A university examination shall be conducted during VIII Semester and the prescribed credits shall be included with the credits of VIII semester. Internship shall be considered as a head of passing and shall be considered for the award of degree. Those who do not take up / complete the internship shall be declared as fail and shall have to complete the same during subsequent University Examination after satisfying the internship requirement.</p> |
| <b>18BE 12.0</b>                                  | <b>Award of Prizes, Medals and Ranks</b>   |

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| <b>18BE 12.1</b> | For the award of Prizes and Medals, the conditions stipulated by the donor shall be considered subject to the provisions of the statutes framed by the University for such awards.   |
| <b>18BE 12.2</b> | <ol style="list-style-type: none"> <li>1) For award of rank in a specialization of Bachelor of Engineering, the CGPA secured by the students from III to VIII Semesters is considered.</li> <li>2) A student shall be eligible for a rank at the time of award of degree of Bachelor of Engineering, provided the student, <ol style="list-style-type: none"> <li>a) <ol style="list-style-type: none"> <li>(i) Has passed I to VIII Semester in all the credit courses in first attempt only in case of candidates admitted I Year.</li> <li>(ii) Has passed III to VIII Semester in all the credit courses in first attempt only in case of candidates admitted under lateral entry scheme.</li> <li>(iii) Has completed all the prescribed Audit/Mandatory Courses.</li> </ol> </li> <li>b) Is not a repeater in any semester because of rejection of result of a semester/shortage of attendance etc.</li> <li>c) Has completed all the semesters without any break/discontinuity.</li> <li>d) Has completed all the semesters (I to VIII/III to VIII) in ACU constituent college only.</li> <li>e) Has not been transferred from any other University.</li> </ol> </li> <li>3) The total number of ranks awarded shall be in the ratio of 10% of the total candidates for each course and up to a maximum of 10 ranks only in a discipline.</li> </ol>  |
| <b>18BE 12.3</b> | Ranks are awarded based on the merit of the students as determined CGPA. If two or more students get the same CGPA, the tie shall be resolved by considering the number of times a student has obtained higher SGPA. If it is not resolved even at this stage, the number of times a student has obtained higher grades like S, A, B etc., shall be taken into account to decide the order of the rank.  |
| <b>18BE 13.0</b> | <b>Transfers of Students</b>   |
| <b>18BE 13.1</b> | <p>Transfer of students from one college to another college affiliated to other universities, within Karnataka State shall be permitted only at the beginning of third, fifth, and seventh semesters, subject to availability of seats within the permitted intake in the College and subject to the prior approval of the University. Further, the students must have passed in all the Courses of I and II Semesters for admission to III semester and all the Courses of I to IV Semesters for admission to V Semester and all the Courses of I to VI Semesters for admission to VII semester.</p> <p>The students seeking admission shall have to,</p> <ol style="list-style-type: none"> <li>i) Apply for establishment of equivalence with prescribed fees as notified by the ACU and obtain No Objection Certificate (NOC) for admission from the University before commencement of term as notified by ACU.</li> <li>ii) Produce NOC for admission from both the colleges before commencement of term as notified by ACU.</li> <li>iii) Complete additional Course/s, if any, as per the decision of concerned Board of Studies and approval of Dean, Faculty of Engineering, Technology &amp; Management, on establishing equivalence between two schemes. A Grade card shall be issued to that effect.</li> </ol> <p>Additional Course/s shall not be considered for the eligibility criterion prescribed for promotion, class, calculation of SGPA and CGPA. However, a pass in the additional Courses, if any, is mandatory before the completion of Degree.</p> |
| <b>18BE 13.2</b> | Transfer of students within the college from one branch to another branch at the start of III Semester shall be permitted with the approval of the Registrar, ACU subject to the   |

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| <b>18BE 13.2</b><br><b>(continued</b><br><b>)</b> | <p>provisions made by the Government of Karnataka and AICTE in this behalf.</p> <p>Guidelines for change of branch are:</p> <ul style="list-style-type: none"> <li>i) Branch change at the college level shall be carried out by the Principal of the college.</li> <li>ii) Facility of branch change at the II Year (III Semester) level shall be available only to meritorious students and shall not to be considered as a matter of right.</li> <li>iii) Branch change is permitted at II Year (III Semester) only.</li> <li>iv) For the purpose of branch change, the “prescribed intake” shall be the intake prescribed by AICTE for the previous academic session when the students were admitted at I Semester level. Subsequent variations in intake shall have no bearings on the students eligible for branch change.</li> <li>v) Branch change is permitted, if strength in any Branch is not falling below 50% of the prescribed intake.</li> <li>vi) Branch change can be made against clear vacancy in a particular branch vacancy (V) being defined as: <math display="block">V = I - (\text{Reg.} + \text{Rep.})</math> <p>Where I = The prescribed Intake for the branch.</p> <p>Reg. = No. of regular students who become eligible to be promoted to III Semester.</p> <p>Rep. = No. of students from previous batches who become eligible to join III Semester (along with regular students).</p> </li> <li>vii) Branch change shall be strictly according to the Merit list prepared by the college on the basis of total marks obtained by a student in I Year University Examinations.</li> <li>viii) Change of branch should be completed within 10 days of announcement of I &amp; II Semester (I Year) results.</li> <li>ix) Consolidated list showing the branch change as per above guidelines be sent to the University.</li> </ul> |
| <b>18BE 13.3</b>                                  | The University may prescribe fee for administrative purpose, which shall be notified from time to time, for transfer from one discipline to another discipline (change of branch within the College).  |
| <b>18BE 14.0</b>                                  | <b>Applicability and Power to Modify</b>   |
| <b>18BE 14.1</b>                                  | The regulations governing the Degree of Bachelor of Engineering of Adichunchanagiri University shall be a binding on all concerned.  |
| <b>18BE 14.2</b>                                  | <ul style="list-style-type: none"> <li>i) Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/ orders to address any difficulty.</li> <li>ii) Nothing in the foregoing may be construed as limiting the power of the University to amend, modify or repeal any or all of the above.</li> </ul>  |
| <b>18BE 15</b>                                    | <b>Convocation Ceremony</b>  |
| <b>18BE 15.1</b>                                  | <p>There shall be an annual Convocation Ceremony in the University for the award of the Degree subject to if he/she has:</p> <ul style="list-style-type: none"> <li>i) Fulfilled Degree requirements in terms of earned credits (160 or 117 in case of lateral entry).</li> <li>ii) Satisfactorily completed mandatory courses.</li> <li>iii) Normal practice and disciplinary action pending against the student.</li> </ul>  |