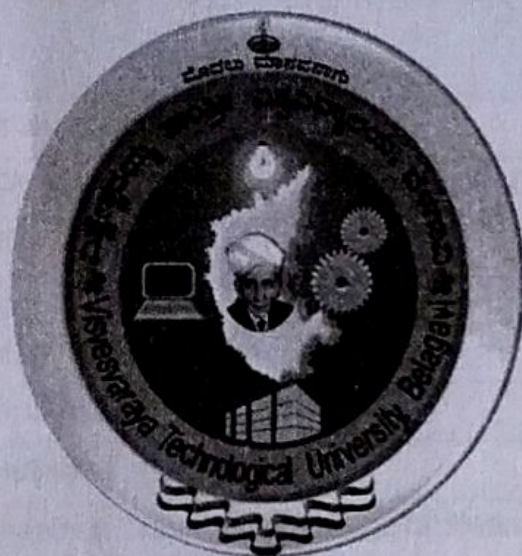


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REGULATIONS GOVERNING THE DEGREE OF BACHELOR OF ENGINEERING / TECHNOLOGY (BE/B.Tech) UNDER OUTCOME BASED EDUCATION (OBE) AND CHOICE BASED CREDIT SYSTEM (CBCS) Effective from the academic year 2018 – 19

AUGUST - 2018

18OB 7.0	Conversions of CGPA into Percentage of marks and Class Equivalence
18OB 7.1	<p>Conversion Formula for the conversion of CGPA into percentage is given below.</p> <p>Percentage of marks secured, "$P = [\text{CGPA Earned} - 0.75] \times 10$"</p> <p>Illustration for a CGPA of 8.20:</p> $P = [\text{CGPA Earned } 8.20 - 0.75] \times 10 = 74.5 \%$
18OB 7.2	<p>Class Equivalence:</p> <p>Subsequent to the conversion of final CGPA, after successful completion of the Programme, into percentage of marks (P), a graduating student is reckoned to have passed in</p> <ul style="list-style-type: none"> (i) First Class with Distinction (FCD) if $P \geq 70\%$ (ii) First Class (FC) if $P \geq 60\%$ but $< 70\%$ and (iii) Second Class (SC) if $P < 60\%$.
18OB 8.0	Continuous Internal Evaluation, Semester End Evaluation and minimum standards
18OB 8.1	<p>Continuous Internal Evaluation Marks:</p> <ul style="list-style-type: none"> (a) Except for Vyavaharika Kannada (Kannada for communication)/ Aadalitha Kannada (Kannada for Administration), Technical seminar and Project work phase -1, the CIE marks for all credit Courses, shall be 40. (b) Minimum CIE marks for all theory Courses shall be 40 % of the marks prescribed for Continuous Internal Evaluation i.e., 16 marks. (c) Minimum CIE marks for Practical/ Mini-project / Internship/ Technical Seminar/ Project work – Phase 2 shall be 50 % of the maximum marks i.e., 20 marks. (d) The CIE marks for Vyavaharika Kannada (Kannada for communication)/ Aadalitha Kannada (Kannada for Administration), Technical seminar and Project work phase -1 shall be 100. (e) Minimum CIE marks for Vyavaharika Kannada (Kannada for communication)/ Aadalitha Kannada (Kannada for Administration) shall be 40 % of the marks prescribed for Continuous Internal Evaluation i.e., 40 marks. (f) Minimum CIE marks for Project work – Phase 1 and Technical seminar shall be 50 % of the maximum marks i.e., 50 marks. (g) Minimum CIE marks for Additional Mathematics I and II, and the courses (Engineering Graphics and Elements of Civil Engineering and 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.

(a) Theory Courses :

- (i) CIE Marks in each theory Course [including “Technical English I and II”, “Constitution of India, Professional Ethics and Human Rights”, “Environmental Studies”, “Additional Mathematics I and II”, and the courses (Engineering Graphics and Elements of Civil Engineering and Mechanics of the First Year Engineering) to be completed by B.Sc. graduates under lateral entry] shall be the sum of marks prescribed for tests and assignments. Marks prescribed for tests shall be 30 and that for assignments 10.
- (ii) The CIE marks awarded for tests in the theory Course/s shall be based on three tests generally conducted at the end of fifth, tenth and fifteenth week of each semester. Each test shall be conducted for a maximum of 50 marks and the final test marks shall be the average of three tests, proportionately reduced to a maximum of 30 marks.
- (iii) The remaining 10 marks shall be awarded based on the evaluation of assignments/unit tests/written quizzes that support to cover both lower and higher order thinking skills as per Bloom’s Revised Taxonomy and Course/programme outcomes.
- (iv) Final marks awarded shall be the sum of 18OB 8.2 (a) (ii) and (iii) for a maximum of 40 marks.
- (v) The candidates shall write the tests, assignments/unit-tests/written quizzes in Blue Books which shall be preserved by the Principal/ Head of the Department for at least six months after the announcement of University results and shall be made available for verification at the direction of the Registrar (Evaluation).

(b) Drawing/Field work Courses :

- (i) The CIE marks awarded for I year Engineering Graphics Course shall be based on
 - (a) Class work for 24 marks (sketching and Computer Aided Engineering Drawing).
 - (b) Two Tests conducted in the same pattern as that of SEE for 16 marks (The marks secured Can be taken as best of the two tests).
- (ii) The CIE marks awarded for higher semester Drawings/ Design Drawings offered by various branches shall be based on the evaluation of the sheets and one test in the ratio 60:40.

- (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.

(c) Practical Courses :

The CIE marks awarded in case of Practical, shall be based on the weekly evaluation of laboratory journals/ reports after the conduction of every experiment and one practical test in the ratio 60:40.

(d) Internship :

The CIE marks awarded for internship, shall be based on the evaluation of Internship Report, Presentation skill and Question and Answer session in the ratio 50:25:25.

(e) Technical Seminar :

The CIE marks awarded for Technical Seminar, shall be based on the evaluation of Seminar Report, Presentation skill and Question and Answer session in the ratio 50:25:25.

(f) Mini - Project :

The CIE marks awarded for Mini - Project, shall be based on the evaluation of Mini - Project Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25. The marks awarded for Mini - Project report shall be the same for all the batch mates.

(g) Main Project Work :

(i) Project Work Phase – 1

The CIE marks awarded for project work phase -1, shall be based on the evaluation of project work phase -1 Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25. The marks awarded for the Project report shall be the same for all the batch mates.

(ii) Project Work Phase - 2

The CIE marks awarded for project work phase -2, shall be based on the evaluation of project work phase -2 Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25. The marks awarded for the Project report shall be the same for all the batch mates.

(h) Vyavaharika Kannada (Kannada for communication)/ Aadalitha Kannada (Kannada for Administration)

- (i) CIE Marks in Vyavaharika Kannada (Kannada for communication)/Aadalitha Kannada (Kannada for Administration) shall be the sum of marks prescribed for tests and assignments. Marks prescribed for tests shall be 75 and that for assignments be 25.

18OB 8.2 (Continued)	<p>(ii) The CIE marks awarded for the tests shall be based on three tests generally conducted at the end of fifth, tenth and fifteenth week of each semester. Each test shall be conducted for a maximum of 25 marks and the final CIE marks shall be the sum of the marks of all the three tests.</p> <p>(iii) The remaining 25 marks shall be awarded based on the evaluation of assignments/unit tests/written quizzes that support to cover both lower and higher order thinking skills as per Bloom's Revised Taxonomy and Course/programme outcomes.</p> <p>(iv) Final marks awarded shall be the sum of 18OB 8.2 (h) (ii) and (iii) for a maximum of 100 marks.</p> <p>(v) The candidates shall write the tests, assignments/unit-tests /written quizzes in Blue Books which shall be preserved by the Principal/ Head of the Department for at least six months after the announcement of University results and shall be made available for verification at the direction of the Registrar (Evaluation).</p>
18OB 8.3	<p>(a) The CIE marks in the case of Internship/Technical Seminar/Mini-Project and Project Work Phase 1 and 2 shall be awarded 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 Guide.</p> <p>(b) A committee constituted by the Head of the Department of Humanities and Social Science shall award the CIE marks for the Course Vyavaharika Kannada (Kannada for communication)/ Aadalitha Kannada (Kannada for Administration). The committee shall consist of two senior faculty members of the Department and the senior most acting as the Chairperson.</p>
18OB 8.4	<p>(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 /those Courses. However, they can appear for University examinations conducted in other Courses of the same semester and backlog Course/s if any.</p> <p>(ii) Improvement in CIE marks shall not be allowed during the current semester.</p> <p>(iii) Students who have satisfied the attendance requirement but not the CIE requirements are permitted to register afresh and appear for SEE after satisfying the CIE requirements in the same Course/s (with or without satisfying the attendance requirement) when offered during subsequent semester/s.</p> <p>(iv) The Course/s when repeated are considered as attempts.</p>

18OB 8.5	CIE marks of those students, who come under 18OB 8.4, shall be sent separately to the Registrar (Evaluation).
18OB 8.6	<p>The final list, incorporating corrections (if any) of CIE marks awarded to the students in the Theory/Practical/Internship/Technical Seminar / Mini – Project/Project work –phase 1 and 2, shall be displayed on the notice board of the college much before the closure of the semester.</p> <p>The institution shall enter the CIE marks of each semester in the format of the VTU online CIE marks portal and submit a certified copy of the same to the University Examination Section within the stipulated date notified by University. Every page of the CIE marks sheet shall bear the signatures of the concerned Teacher/Teachers, Head of the Department and Principal.</p>
18OB 8.7	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.
18OB 8.8	CIE marks shall reach the University before the commencement of examination as per the notification 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 shall not be considered.
18OB 8.9	<p>Semester End Examination and Passing standards</p> <p>(a) For all credit Courses including “Additional Mathematics I and II”, and the courses (Engineering Graphics and Elements of Civil Engineering and Mechanics of the First Year Engineering) to be completed by B.Sc. graduates under lateral entry) the SEE marks shall be 60.</p> <p>(b) University examination for all Courses under SEE are conducted for a maximum of 100 Marks.</p> <p>(c) The University examination in all programmes of study shall be conducted at the end of each semester for all the eight semesters. The examinations shall not be considered as overlapping if at all a student appears for examinations conducted in the morning and afternoon session. Further, the examinations shall not also be considered as overlapping if the same student appears for the next days examinations.</p> <p>(d) The pattern of the SEE question paper for Courses Technical English I and II, Constitution of India, Professional Ethics and Human Rights, and Environmental Studies shall be objective type [Multiple Choice Questions (MCQ)].</p> <p>(e) For a pass in a theory Course/ Drawing, students shall secure a minimum 35 % of the maximum marks prescribed for the University examination and in total 40 % of the maximum marks prescribed for the Course including the CIE marks secured by the students (i.e., SEE + CIE).</p>