

## **ORDINANCE No. 28.**

### **BACHELOR OF ENGINEERING (FIVE YEAR INTEGRATED COURSE)**

1. The Course of study shall extend over a period of five years of integrated course, including practical training of not less than 12 weeks prescribed in the syllabus for the different branches of Engineering.
2. At the end of each of the five years, there shall be two full examination, the main examination in April/May followed by a General Supplementary Examination in July/August for each of the following examinations viz :-
  - (a) At the end of the first year- Bachelor of Engineering (First year) Examination.
  - (b) At the end of the second year - Bachelor of Engineering (Second year) Examination.
  - (c) At the end of the third year - Bachelor of Engineering (Third year) examination.
  - (d) At the end of the fourth year - Bachelor of Engineering (Fourth year) Examination.
  - (e) At the end of the fifth year - Bachelor of Engineering (Final year) Examination.
3. The Examination shall be conducted by means of written theory papers, practical examination, sessional work done in the college, and periodical tests conducted through out the session.
4. A candidate who, after passing the Higher Secondary Examination of the Chhattisgarh Board of Secondary Education with Mathematics, Physics and Chemistry or any other examination of University or Board in India, recognised by the University as equivalent thereto, has prosecuted a regular course of study in an Engineering College affiliated to the University for one academic year, shall be eligible for appearing at the Bachelor of Engineering (First year) Examination.

5. A candidate who, after passing the Bachelor of Engineering, (First year) Examination of the University or its equivalent, has prosecuted a regular course of study in an Engineering College affiliated to the University for one academic year; shall be eligible for appearing at the Bachelor of Engineering (Second year) Examination.
- Provided however, a candidate who after-passing Bachelor of Science preliminary Examination (Engineering Group) of this University or any other examination recognised by the University as equivalent thereto or the final three years diploma course examination of Board of Technical Education, C.G. in 1st Division or its equivalent. has prosecuted a regular course of study in an Engineering College affiliated to the University, for one academic year, shall be eligible for appearing at the Bachelor of Engineering (Second year) Examination.
6. There shall be following branches of study for the Bachelor of Engineering (Third, Fourth & Final year) Examinations:-
- (i) Mechanical Engineering
  - (ii) Electrical Engineering
  - (iii) Civil Engineering
  - (iv) Metallurgical Engineering
  - (v) Mining Engineering
  - (vi) Chemical Engineering
  - (vii) Electronics
7. A candidate who after passing the Bachelor of Engineering (Second year) Examination of the University or its equivalent, has prosecuted a regular course or study in a particular branch of study in an Engineering College affiliated to the University for one academic year; shall be eligible to appear at the Bachelor of Engineering (Third Year) Examination in that branch of study.
8. A candidate who, after passing the Bachelor of Engineering (Third Year) Examination of the University in a particular branch of study, has prosecuted a regular course of study in that branch of study in an Engineering College affiliated to the University for one academic year, shall be eligible for appearing at the Bachelor of Engineering (Fourth Year) Examination in that branch of study.

“A candidate who after passing the Diploma in an appropriate branch of the C.G. Board of Technical Education, Raipur or any other examination of any University or Board in India recognized by the University securing atleast 66% marks at this examination as equivalent thereto, has successfully prosecuted a regular course of study to be called Transfer Course, in an Engineering College affricated to the University for one year, shall be eligible for appearing at the Bachelor of Engineering (Fourth Year) Examination in their respective branch of study.

**Explanation:-**

Successfully prosecution of regular course of study means:-

- (i) has attended requisite number of lecturers and practicals held during the year;
- (ii) has passed the Qualifying Examination (Transfer Course) specially conducted for these students as per permission here-in-after laid for the B.E. Examination.

- 9. A candidate who, after passing the bachelor of Engineering (Fourth Year) Examination of the University in a particular branch of study, has prosecuted a regular course of study in that branch of study in an Engineering College affiliated to the University for one academic year and has completed the prescribed training, shall be eligible for appearing at the Bachelor of Engineering (Final year) Examination in that branch of study.
- 10. A candidate shall be admitted to the degree of Bachelor of Engineering after passing the Bachelor of Engineering (Final Year) Examination.
- 11. Every candidate for the Bachelor of Engineering Examination shall be examined in the subjects as mentioned in the courses of studies to be prescribed for each examination each year.
- 12. (i) In order to pass at any of the five B.E. Examinations examinee must obtain - not less than :-
  - (i) 35% of total marks in each paper
  - and (ii) 50% of total marks in each practical
  - and (iii) 60% of total marks in each sessionsl

- and (iv) 50% of the total aggregate marks of all theory papers, practicals, sessional and periodical tests during the session.
- (ii) notwithstanding any thing contained in any of the ordinance, an examinee who fails by a total of not more than 5 marks in not more than two theory papers or one theory paper and one practical or two practicals or in the aggregate only, his such deficiency shall be condoned to enable him to pass at the examination.
- “This benefit will also be given to the candidates who avail the benefit of carry over of marks and who are appearing as compartmental candidates.

13. If a candidate fails to secure the minimum pass marks in the sessional, he shall be debarred from appearing in the B.E. Examination.

14. A candidate who fails in an examination but secures minimum pass marks or more in a paper/practical shall be exempted from appearing in such paper/practical at a subsequent examination and will be declared to have passed the examination if he passes in the remaining papers/practicals and aggregate of that examination under the rules in para (12) above.

However, the candidate may be permitted to re-appear for the entire examination (theory/practical). In such cases, the entire result of the previous examination will be treated as cancelled.

For deciding whether a candidate has secured 50% of the aggregate marks obtained in the whole examination the marks of the candidate at the previous examination in the paper/practical or papers practicals in which he is exempted shall be carried over.

15. (i) An unsuccessful examinee who has failed in not more than four theory papers or four practicals or in theory papers and practical not exceeding four taken together shall be placed in the compartment in such theory papers or practicals. A candidate shall be declared successful at the examination if he obtains at a subsequent examination the prescribed minimum pass marks in such theory papers/practicals in which he has been placed in the compartment and also secures the prescribed minimum aggregate marks for passing.
- (ii) If a candidate fails to obtain the prescribed minimum of 50% marks in the total aggregate but pass in all theory papers, practicals, sessional, he shall also be placed in the compartment in not more than two theory papers of his choice. If

the candidate obtains the minimum pass marks in each paper at a subsequent examination and further obtains the minimum total aggregate marks required for passing the examination, he shall be declared successful at the examination.

(iii) “If a candidate fails to obtain the prescribed minimum of 50% in the aggregate and also fails in not more than one subject, he shall also be placed in compartment in the subject in which he has failed and in ‘Aggregate Shortage’ he will be permitted to appear in the subject in which he has failed alongwith one more theory paper of his choice, at the subsequent examination”.

16. A candidate placed in the compartment in accordance with provisions of para 15 above will be allowed to appear in the theory paper or practical concerned at subsequent examination until he clears the compartment. Provided that if he appears in two compartmental papers/practicals and obtains pass marks in only one of them, he will be required to appear only in remaining theory paper or practical in subsequent examination until he clears the compartment in that paper or practical.

17. Notwithstanding any thing contained in Ordinance No. 6 a candidate who is placed in the compartment in accordance with the provisions of para 15 above, shall be provisionally admitted to the next higher class, provided he has prosecuted a regular course of study in the higher class, for one academic year, for the academic year, he will also be permitted provisionally to appear at the next higher class examination in all subjects and practicals in addition to appearing in the lower class examination in compartmental subjects. However, in case he fails to clear the compartmental subjects of the lower class, his result of higher class examination will be announced as usual, but he will not be eligible to seek admission to the next higher class until he clears the compartmental subjects of the lower class.

However, neither marksheet nor provisional degree will be issued to a successful candidate of B.E. Final examination unless he clears all the earlier examinations.

Provide that a candidate, who has failed in more than four theory papers or four practicals or in theory papers and practicals exceeding four taken together, shall also be provisionally admitted to prosecute regular course of studies in next higher class to keep term and appear in sessional examination, but he will not be permitted to appear at the next higher class examination in theory and practicals till he either passes

the lower examination or becomes eligible to appear as a compartment candidate as per provisions laid down in para 15.

18. (a) The division at the examination shall be awarded on the following basis :-  
50% and above but less than 65% of the total aggregate marks. .... II division.  
65% and above but less than 75% of the total aggregate marks. .... I division.  
75% and above of the total aggregate marks ..... I division with Honours.
- (b) A candidate, who passes any of the B.E. (I, II, III, IV and V) examination, after vailing exemptions under para 14 or after being placed in compartment under para 15 above, shall be placed in the Pass division.

Provided that a candidate, who passes B.E. I, II, III, IV and V year examination as a compartmental/Supplementary candidate will be awarded division on the basis of aggregate marks arrived at after taking in to account marks secured by him in the compartmental examination.

- (c) Notwithstanding the Provisions in (b) above, if a candidate is placed in the compartment of the B.E. Final year examination in accordance with para 15 (i) above and subsequently passes the examination in the first attempt, only the minimum pass marks in the compartmental subjects will be taken into account for arriving at his total aggregate marks and he will be placed in the division he is entitled to in accordance with para 18 (a).

Such a candidate will not be ranked nor will be entitled to any award.

19. Transitory Provision: - The repealed ordinance relating to Bachelor of Engineering Examination of 1974 and this new ordinance shall be applicable from the examinations of 1975.

