



CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

Established under Act No. 25 of 2004

ORDINANCE No. 22

MASTER OF TECHNOLOGY IN APPLIED GEOLOGY

(3 Years Degree Programme)

(Implemented from Academic Year 2005-06)

Refer Section 38 (2 and 3)

1. The Examination for the Degree of Master of Technology in Applied geology consists of three parts, viz. :-
 - I. M. Tech. First Year (Part-I) Examination.
 - II. M. Tech. Second Year (Part-II) Examination, and
 - III. M. Tech. Third Year (Part-III) Examination
2. A candidate who after obtaining the Degree of Bachelor of Science with Geology as an elective subject or B.E. in Mining Engineering of the University or an Examination recognized equivalent thereto of any statutory University in India, has completed a regular course of study for one academic year in teaching Department of the University or in College affiliated to the University shall be admitted to the Part-I Examination for the Degree of M. Tech.
3. A candidate who, after passing the M. Tech. Part-I Examination of the University, has completed a regular course of study for one academic year in a teaching Department of the University or in a College affiliated to the University, shall be admitted to the Part-III Examination for the Degree of M. Tech in Applied Geology.
4. A candidate who, after passing the M. Tech. Part-II Examination of the University, has completed a regular course of study for one academic year in a teaching Department of the University or in a college affiliated to the University, shall be admitted to the Part-III Examination for the Degree of M. Tech in Applied Geology.
5. The Examination shall be conducted by means of theory papers and practical examination. 33% marks of total in each practical subject and 10% marks of total in each theory subject shall be marked for teacher's assessment (TA)/sessional. Class test (CT) in each theory subject shall be 10% of total.
6. Every candidate for the M. Tech. Examination shall be examined in the subjects as mentioned in the scheme of course of study.
7. In order to pass in any part of the M. Tech. Examination, the examinee has to obtain at least 36% marks in the aggregate of theory papers (including TA and CT), and 36% marks in the aggregate of practical papers (including sessional/TA), otherwise the candidate is declared FAIL in that part of M.Tech.
8. The division in which a candidate is placed shall be determined on the basis of aggregate obtained in the total of M. Tech. Part-I, II and III Examinations. No. division shall be assigned on the results of the Part-I & II Examinations.
9. Percentage as well as absolute grading system with credits (C) will be followed as shown below :

Grades (G)	Each Theory & Practical
A+	90 < Marks ≤ 100%
A	80 < Marks ≤ 90%
B+	70 < Marks ≤ 80%

B	60 < Marks ≤ 70%
C+	50 < Marks ≤ 60%
C	40 < Marks ≤ 50%
D+	30 < Marks < 40%
D	20 < Marks ≤ 30%
E+	10 < Marks ≤ 20%
E	0 ≤ Marks ≤ 10%

with

Letter Grade (LG) :	A+	A	B+	B	C+	C	D+	D	E+	E
Grade Point (GP) :	10	9	8	7	6	5	4	3	2	1

Total credits are earned for a course when a student passes the course. Grades will be awarded for every subject of theory or practical separately.

Performance of a student in i-th part of M. Tech. is expressed by YPI (≡Year Performance Index) which is a weighted average of the course grade points obtained in the year/part and is expressed by

$$YPI_i = \frac{[C_1G_1 + C_2G_2 + \dots]_i}{[C_1 + C_2 + \dots]_i} = \frac{[\sum CG]_i}{[\sum C]_i} = \frac{N_i}{D_i}$$

CPI (≡ Cumulative Performance Index) is a weighted average of course grade points obtained by a student for all courses taken since his admission to the M. Tech. Programme and will be calculated as

$$CPI_i = \frac{\sum_{i=1}^{i>1} N_i}{\sum_{i=1}^{i>1} D_i}$$

10. The division at the Final Examination shall be assigned on the following basis :-

- i. 75% and above of the total aggregate marks – Honors
- ii. 60% and above but less than 75% of the total aggregate marks – I Division
- iii. 48% and above but less than 60% of the total aggregate marks – II Division
- iv. 36% and above but less than 48% of the total aggregate marks – III Division
