

# REVISED ORDINANCES OF MASTER OF SCIENCE (M.Sc.) IN ELECTRONICS AND INSTRUMENTATION

(w. e. f. Academic Session : 2020-21)

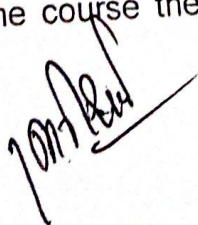
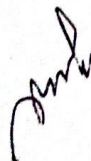
1. The title of the M.Sc. course shall be M.Sc. (Electronics and Instrumentation). The Course shall be conducted by Dau Dayal Institute of Vocational Education (Dr. Bhimrao Ambedkar University), Agra.
2. The minimum qualification for admission to the M.Sc. (Electronics and Instrumentation) shall be Bachelor's degree (Three Year) with at least 50% marks in aggregate with Physics/Instrumentation/Optical Instrumentation/Mathematics/Statistics as one of the subject.
3. The admission of the candidate shall be based on academic merit and interview /written test.
4. The M.Sc. (Electronics and Instrumentation) course shall be of two years (divided into four Semesters) programme and based on Choice Based Credit System (CBCS). The first year of M.Sc. shall be known as M.Sc. (P) having I and II semesters. Similarly, second year of this course shall be called M.Sc. (F) having III and IV semesters. Each semester shall consist of minimum 90 working days.
5. The M. Sc. programme is spread over four semesters. The total marks assigned for this programme shall be 2000 and the credits earn will be of 80 credit points and comprises of three different components viz: I) Teaching and II) Lab Work / Field Work. Distribution of credits for M. Sc. Programme shall be as follows:

I) Teaching	= 48 credits
II) Lab work	= 18 credits
III) Job Training and project	= 14 credits
6. For each semester, there shall be three theory papers, in addition to laboratory work, and job training after successful completion of one year study.
7. The job training shall be supervised by the teacher concerned and Head of the Institute.





8. At the end of each Semester there shall be an End-Term Examination of three hours duration for each course and practical of six hours, based on prescribed courses taught during the Semester.
9. At least one question paper of each semester shall be set and examined by External Examiner and the remaining papers by the Internal Examiners. The practical examination at the end of each Semester shall be conducted by a Board of two examiners (one external and one internal examiner) jointly.
10. The examiners- external as well as internal shall be appointed by the Vice-Chancellor on the recommendation of the Head of the Department.
11. Each core or elective course in each semester shall be of 100 marks (4 credits). Out of these marks, 20 marks in each course shall be awarded on the basis of atleast two periodical tests to be conducted by the teacher concerned during the semester. At end of each semester there shall be a term examination of each course and the same shall carry 80 marks. The practical examination shall be of 150 marks at the end of each semester. The marks shall be awarded jointly by the internal and external examiners on the basis of practical examinations, viva-voce and records.
12. The teachers teaching a particular paper or parts thereof, shall provide in writing the details of the topics taught or to be taught in a given semester. These details along with syllabus and Questions Bank (if any) shall be sent to the examiner for setting the question paper.
13. In case of misbehavior, indiscipline, the student may be expelled from the Department or given some other punishment recommended by the faculty members of the Department / Proctor of the University and the decision of the unfair means committee of the university is final in the case of cheating and using unfair means by the student in any examination. All cases of expulsion shall be referred to the Vice-Chancellor for final approval.
14. Each student shall pay tuition, examination and other fees per semester/annual as University Orders.
15. (a) Each theory paper of the Course shall contain 8 (eight) questions spread uniformly over the entire syllabus. The students shall have to answer only 5 (five) questions in three hours, which shall be the duration of the question paper.  
(b) A student must get at least 40% marks in each theory paper including periodical tests and assignment/seminars in each Semester. Further, he/she must get at least 40% marks in the practical examination. To pass the course the candidate should secure at least 50% marks in the aggregate.





16. A student who fails or want to improve in theory paper/(s) or periodical test/(s) shall be given only one chance to reappear in that paper along with the next following batch. The chance to reappear shall be given only in not more than two courses in one Semester. The candidate shall, however be promoted to the next Semester. No separate examination will be conducted for such candidate.
17. If a candidate fails to appear in practical examination, a special practical examination can be conducted for the candidate on the deposition of fees as prescribed by the university as a special practical examination fees.
18. A student may appear as an Ex-student in the term/semester examination provided that :-
- (a) He /She has completed all the semester examination, test and seminars but failed in aggregate of all the semester examination.
- (b) He /She has attended 50% of lectures, practical, appeared in tests and seminars and he/she has submitted the Medical Certificate with an application on the first day of the term/semester examination or prior to this.
19. If a candidate has secured 60% or more marks in the aggregate in all the four semester he/she will be placed in First division. If he/she secured 50% or more but less than 60% will be placed in Second division. If he/she secured less than 50% marks will be placed in Third division. If a candidate has secured 75% or more marks in the aggregate of all the four Semester examinations counted together, it shall be mentioned in his Degree that he has passed M.Sc. Examination with Distinction.
20. Every candidate will be required to have 75% attendance of the prescribed number of periods in each paper. Teaching/ Seminars/ Tutorial/ Library reading shall be of one-hour duration and will be counted as one attendance. Practical of 2-3 hours will also be counted as one attendance.

Exemption in the prescribed number of attendance may be granted by the Vice-Chancellor on the recommendation of the Head of the Department in case of following circumstances:

The student should be a sportsman or sportswoman who have participated in games upto the level of National/ Inter-University/ Camps/ Tournaments and Youth Welfare Activities.

In spite of exemptions clarified above it will be compulsory for a candidate that he/she has attended at least 60% prescribed number of periods.

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