



## **CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI**

### **Ordinance No.17 (A)**

### **ORDINANCE FOR 3 YEARS DIPLOMA PROGRAMME**

Based on Semester System (Implemented from Academic Year 2020-21)

Refer Section 38 (2 and 3)

**(New Ordinance Added and approval accorded by Hon'ble Governor on 07/10/2021)**

Chhattisgarh Swami Vivekanand Technical University, Bhilai C.G. awards first diploma in Engineering/Technology based and other disciplines as approved by All India Council of Technical Education (AICTE), New Delhi of three-year (Six-semester) duration, here in after called 3-Year Diploma Programmes shall be designated as DIPLOMA in Respective discipline.

## **INTRODUCTION**

MSME TECHNOLOGY CENTRE, DURG (A Govt. of India Society, Under Government of India) a Training & Production Centre established in the year 2018 is aimed at promoting purposeful technical education for the youth in India. The MSME Technology Centre DURG under Mo-MSME's Technology Centre System Program at DURG is going to strengthen its role in technical education for the youth in India & competences of MSME units in the region. MSME-TC would have ultra modern, state-of-the-art Tool Room facilities under single roof. The wide spectrum of sophisticated machines would include latest & advance CNC Lathe, Milling, EDM & Wire-Cut, 3DPrinting(Metal), 3DPrinting (Plastics), 3DScanner, CNC Mill 5 Axis center, which can cater to various requirements of the customers. The metrology lab would include High precision equipment like CMM (Co-ordinate Measuring Machine) Electronic Height Master, Profile Projector and etc. to ensure thorough checking of the components.

### **1. THREE YEAR DIPLOMA PROGRAMME:**

- 1.1 This diploma shall include the courses of DIPLOMA IN MECHATRONICS (DIM).
- 1.2 The studies and examinations of these Diploma programmes shall be on the basis of Semester system.

### **2. RULES FOR ADMISSION**

- 2.1 The minimum qualification for admission to the FIRST-Semester of the Diploma In Mechatronics Programme shall be the passing of 10th class or higher examination under (10+2) education scheme with Science (Physics and Chemistry) and Mathematics as main subjects and obtaining minimum 50% of marks in aggregate in aforesaid Examination conducted by C.G. Board of Secondary Education or an equivalent examination from a recognized Board/University and 40% for the candidates belonging to SC/ST category.
- 2.2 Age criteria: 15-19 years (3 years relaxation in upper limit for SC/ST candidates)

- 2.3 **Seat Reservation:** As per Govt. of India rules, Seats are reserved in each course for OBC Non Creamy Layer (27%), SC(15%), ST(7.5) and EWS(10%)
- 2.4 (i) Prior information of admission of student shall be submitted to the University however, autonomy of the student admission criteria shall be under the scope of MSME Technology Centre, Durg.
- (ii) Enrollment of the student's branch wise shall be submitted to the University in specific format provided by the University.
- (iii) As the academic autonomy granted by the University, the admission process shall be carried out by MSME Technology Centre, Durg.
- To be discussed with the representative of DTE.

### 3. RULES FOR MAXIMUM DURATION OF THE PROGRAMME

- 3.1 There shall be normally fourteen weeks of teaching in every semester.
- 3.2 A candidate may provisionally continue his/her studies in higher semester/class after the examinations of the semester, he/she appeared are over. However, his/her eligibility shall be evaluated only after the results of semesters are declared in which he/she had appeared.
- 3.3 The maximum duration for passing all the courses (theory, practicals and Industrial Training) of the programme shall be FIVE years for 3 years Diploma Programmes, no separate time will be given to students for medical or any reason whatsoever. Candidates debarred from examination due to UFM cases or any other reason will also have to clear their Diploma programme in the duration mentioned above. Name of those candidates who are unable to clear their Diploma programme in the stipulated period, will be struck off from the roll list of the college and enrolment of the University.
- 3.4 If such candidate decides again to enroll himself/herself for any of the Diploma programme, he/she will have to seek fresh admission as per the rules mentioned in clause 2.0 above. On seeking a fresh admission, such candidates will not be entitled for any credit or exemption from University for the courses passed by them in the previous Diploma programme of study.

### 4. RULES FOR EXAMINATION & OVERALL PASS CRITERIA

- 4.1 In each semester a trainee must secure 40% in each theory subject (Sessional mark +semester end Examination marks). However, he/she has to secure minimum 40% in each end Examination.
- 4.2 He/she should secure aggregate marks of 45% including practical mark for passing.
- 4.3 If a trainee passes in all the subject and fails to attain the aggregate marks, he/she be detained.
- 4.4 In each semester a trainee must secure 50% in practical. (Sessional marks+ Semester end examination marks). However he/she has to secure minimum 50% in semester end examination.
- 4.5 The trainee who shall carry back paper have to clear the back papers in subsequent two consecutive chances after which they shall not be allowed to appear examination & no. Diploma shall be leading to termination of training forthwith.
- 4.6 The trainees who shall fail in more than 4 subjects taken together in both the

semesters in a particular academic year shall be detained & have to repeat all the papers along with the next batch of trainees.

- 4.7 No trainees shall be allowed to repeat a year more than once or to repeat more than two year during the whole course. In case a trainee who fails to pass semester examination within these rules, the trainee shall be terminated for his unsatisfactory performance, Security Depo0sit will be forfeited.
- 4.8 To appear back papers (repeat failed subject) a fee of Rs. 200/- per subject shall be charged.
- 4.9 Successful trainees shall be issued Diploma Certificate from the centre after successful completion of the Courses.
- 4.10 Examination shall be conducted according to such programme as may be notified by the Senior Manager (Training) or an officer looking after his duties.
- 4.11 Examination or Board of examiners shall be appointed by the Deputy General Manager which may include Internal Examination (Officials of the centre) and external examiners. Examiners or Board of Examiners shall be assisted by the official of the centre in the manner to be decided by the Deputy General Manager.
- 4.12 Failure to appear in the examinations for reasons whatsoever shall be treated as failure to qualify (pass) in the final Examination.  
In case a trainees desires to get his answer book for theory examination(s) and his performance in practical examination(s) re- evaluated he may make a request for the same on form prescribed for the purpose and pay a fee of Rs. 50/- for each subject he desires to be evaluated. For this purpose theory and practical for each subject shall be treated as separate and application fee is required to be paid for each. At the same time Trainee will have to give an undertaking that he shall accept the result of re-evaluation even if it amounts in reduction in the marks obtained by him. On the basis of re-evaluation no alternation shall be made to the marks if the change is less than 5% of the original marks unless change is from fail to pass or change of division obtained by him. The application for re-evaluation should be made within 15 days of declaration of the result. Late application will not be considered.
- 4.13 (i) The academic calendar pertaining to the examination schedule shall be in line with academic calendar of the University. The format of paper setting, conduction of examination and evaluation shall be carried out by MSME Technology.  
(ii) The use of University logo in the marksheet and in the final diploma certificate shall be printed or not.

To be discussed in the meeting.

## **5. RULES FOR EVALUATION & AWARD (CERTIFICATION)**

- 5.1 Theory sessional marks include 10 marks record/assignment and 30 marks internal test conducted for 1 hour duration.
- 5.2 Practical Sessional marks include internal Viva Voce, Project Work/Exercise, Attendance, and Discipline.
- 5.3 **CARRY FORWARD MARKS FOR AWARD OF DIPLOMA-12.5% FOR EACH SEMESTER.**

| CARRY FORWARD MARKS            | Mechatronics |                     |
|--------------------------------|--------------|---------------------|
|                                | Total Marks  | Carry forward marks |
| 1st & 2nd semester(12.5% each) | 2000 -       | 250                 |
| 3rd & 4th semester(12.5% each) | 2000 -       | 250                 |
| 5th & 6th semester(12.5% each) | 2000 -       | 250                 |
|                                |              | 750                 |

(i) The skills required for completion of Diploma are equally distributed amongst each semester. So the carry forward marks for final certification shall be equal for each semester.

#### 5.4 DIVISION GIVEN AS PER PERCENTAGE OF MARK

- a. Distinction : 75% i.e equal & above 75% marks
- b. 60% and 75% : 1<sup>st</sup> division
- c. 55% to 60% : 2<sup>nd</sup> division
- d. Less than 55% : 3<sup>rd</sup> division

#### 6. **MERIT LISTS**

- 6.1 Merit list of top 10 candidates in the order of merit shall be declared at the end of each semester in each discipline from amongst the candidates who have passed in first attempt.
- 6.2 Branch wise final merit list shall be declared by the Centre only after the main examination of the eighth and final semester for Diploma in Mechatronics, on the basis of the integrated performance of all the three years. The merit list shall include the first ten candidates securing at least First Division and passing all semesters in single attempts.

#### 7. **ATTENDANCE**

- 7.1 Candidates appearing as regular students for any semester examination are required to attend 80 percent of the lectures delivered and of the practical classes held separately in each subject of the course of study.
- 7.2 A candidate who fails to secure the attendance ABOVE 70% shall be liable to be detained by a general or a special order of the Principal as the case may be, from taking semester examination and will be required to take re-admission in same semester whenever the semester classes commence.

8. If a candidate has passed a semester examination in full he/she shall NOT be permitted to reappear in that examination for improvement in division/marks or any other purpose.

9. Appointment of faculty members and Principal: The appointment of principal and faculty members shall be as per norms of Ministry of MSME but the designation of faculty members (equivalent designation Assistant Professor, Associate Professor, Professor and Principal) shall be endorsed by the University.

10. Award of Diploma certificate: The Marksheet provided by the MSME Technology Centre, Durg shall be signed by the Registrar of the University, but the final award of Diploma certificate shall be signed by the Honorable Vice Chancellor of the University.

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