



VINAYAKA MISSIONS UNIVERSITY, SALEM

AND



MADRAS METALLURGICAL SOCIETY, CHENNAI

THE SOCIETY FOR ASPIRANTS OF METALLURGY AND MATERIAL SCIENCE

FACULTY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, PAIYANOR

ONE YEAR COLLOBORATIVE PROGRAMME
ADVANCED DIPLOMA IN METALLURGY AND MATERIALS SCIENCE

REGULATIONS

2011

**RULES AND REGULATIONS GOVERNING
ADVANCED DIPLOMA PROGRAMME OFFERED BY
VINAYAKA MISSIONS UNIVERSITY
IN COLLABORATION WITH
MADRAS METALLURGICAL SOCIETY
2011**

The Board of Management of the University hereby issues the following rules and regulations pertaining to the Programme offered under collaboration with Madras Metallurgical Society, Chennai.

1 TITLE AND COMMENCEMENT

The rules and regulations shall be called “RULES & REGULATIONS GOVERNING ADVANCED DIPLOMA IN METALLURGY AND MATERIAL SCIENCE UNDER VINAYAKA MISSIONS UNIVERSITY”. These regulations come into force with effect from the year 2011 and are subject to such modifications as may be approved by the apex body of the University from time to time upon recommendations from the Academic Advisory Committee of Vinayaka Missions University and Madras Metallurgical Society.

2 PREAMBLE

Vinayaka Missions University in collaboration with Madras Metallurgical Society is offering programme on Metallurgy and Material Science as per the Memorandum of Understanding signed between the two sides.

3 PROGRAMME

Candidates can apply for registering for the following programme.

Advanced Diploma in Metallurgy and Material Science (ADMMS)

4 ELIGIBILITY FOR ENROLMENT

4.1 Advanced Diploma in Metallurgy and Material Science

The candidate should be a bachelor’s degree holder in Engineering or equivalent with specialization in Mechanical Engineering / Automobile Engineering / Metallurgy; or Bachelors degree in Science with Material Science / Physics / Chemistry / any relevant specialization or Diploma in Mechanical Engineering / Metallurgy / Automobile Engineering.

5 ADMISSION

The University will release advertisements in leading dailies and University websites at appropriate time. The applicant shall download an application form and apply for the same. The application form can also be received in person with a request from the corporate office of this university.

6 DURATION OF THE PROGRAMME

The duration of the programmes is one year consisting of two semesters. The classes of the programme shall be conducted on weekends (Saturdays and Sundays). The maximum duration of the programme is two years or four semesters.

7 PROGRAMME STRUCTURE

The Advanced Diploma Programme consists of:

Core Courses / Specialised Courses
Practical Courses
Project Work / Dissertation

The Curriculum and Syllabi of Advanced Diploma Programme shall be approved by the Academic Council of Vinayaka Missions University. The total marks to be earned for the successful completion of the programme shall be as specified in the curriculum.

8 PROJECT WORK

Project work shall be carried out under the supervision of a “qualified teacher” in the Department concerned. A candidate may, however, in certain cases, be permitted to work on projects in an Industrial / Research Organization, on the recommendations of the Head of his / her Department. In such cases, the Project work shall be jointly supervised by a supervisor of the department and an expert-as a joint supervisor from the organization and the student shall be instructed to meet the supervisor periodically and to attend the project review meetings for evaluating the progress. The Project work shall be pursued for a minimum of 4 weeks during the final semester. The deadline for submission of final Project Report is 15 calendar days from the last working day of the semester in which project / thesis / dissertation is done.

Evaluation of Project Work

The dissertation / project report shall normally be written in English in the specified format and shall be characterized by significant contribution to knowledge in the field. No part of the work shall have been submitted for award of any other degree /

diploma. Normally four copies of the report are to be submitted for evaluation. The Head of the Institution shall constitute the internal review committee (IRC) of the program of study. On clearance from the IRC , the project report prepared according to approved guidelines and duly signed by the supervisor(s) and the Head of the Department shall be submitted to the Head of the Institution.

The evaluation of the Project will be based on the project report submitted and a Viva-Voce Examination by a Board of Examiners consisting of the supervisor, a common internal examiner (other than the supervisor) and a common External Examiner for each dissertation / project work. The common internal examiner and the external examiner shall be appointed by the University. Each board member has to be satisfied for the dissertation / project work to be accepted in its form and contents once accepted by all then only the viva voce examination is to be conducted. In the event of disagreement between the examiners, another examiner has to be appointed. If the report of another examiner is negative, then the dissertation is regretted and sent for revision. The revised dissertation may be submitted in about two months for fresh evaluation. The viva-voce examination is jointly conducted by the Board of Examiners for recommendation for award of the diploma.

If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall re-enroll for the same in a subsequent semester. If a candidate fails in the viva-voce examinations of Project work he/she shall resubmit the Project report within 60 days from the date of viva-voce. The resubmitted project will be evaluated during the subsequent academic session. A copy of the approved project report after the successful completion of viva examinations shall be kept in the library of the college / institution.

9 REQUIREMENTS OF ATTENDANCE

A candidate will be permitted to appear for the university examinations for any semester if he/ she secures not less than 75% attendance in the number of working hours of that semester and his/her conduct has been satisfactory.

Condonation of attendance to the extent of 10 % will be considered on genuine grounds duly authenticated by medical or other relevant documents.

10 CONTINUOUS ASSESSMENT

The continuous assessment of the candidate shall be done through a series of two assignments and test for each of the subjects of study. Each assignment shall carry 10 marks and the test shall carry 20 marks. Assignment shall be submitted by the

candidates on the dates of submission as referred by the concerned teaching faculty. The test shall be conducted during the mid –semester.

11 EXAMINATION AND EVALUATION

The maximum marks of each theory course shall be 100 comprising 40 marks for internal assessment and 60 marks for the end semester university examinations. For a practical course the maximum marks shall be 100 comprising 40 marks for internal assessment and 60 marks for the end-semester examination. All the examinations shall ordinarily be conducted following the University norms and guidelines.

12 CLASSIFICATION OF SUCCESSFUL CANDIDATES

A candidate who successfully completes the courses and passes the examinations prescribed in all the subjects of the two semesters shall be declared to have qualified for the Advanced Diploma.

- 12.1 A candidate who qualifies for the Advanced Diploma and passes the examinations in all the subjects of the courses in the first appearance within the minimum period of one year and secures an aggregate of not less than 75 % of the maximum marks put together shall be declared to have passed in **First Class with Distinction**.
- 12.2 A candidate who qualifies for the Advanced Diploma passes the examination in all the subjects of the course within the minimum period of one year and secures an aggregate of not less than 60 % of the maximum marks shall be declared to have passed in **First Class**.
- 12.3 All the other successful candidates shall be declared to have passed the examination for the Advanced Diploma in **Second Class**.

13 AWARD OF DEGREE

A student shall be declared to be eligible for the award of the Degree if he/she has

1. Successfully acquired the required marks as specified in the Curriculum corresponding to his/her Programme within the stipulated time.
2. No disciplinary action is pending against him/her.
3. The award of the degree must be approved by the Academic Council.