ORDINANCE NO. - 09

[Ordinance for Master of Technology (M.Tech.) in Engineering Postgraduate Degree Course]
(Under Credit Based Grading System)

Subsequent Ordinance No.-09 has been made in accordance with Section no. 29 of the Madhya Pradesh Niji Vishwavidyalay (Sthapana Avam Sanchalan) Adhiniyam, 2007. This Ordinance will be applicable for "Entry Level" as well as for "Industry Sponsored" admissions.

1. The higher degree in Engineering of two year (four semester)/three year (six semester) shall be designated as MASTER OF TECHNOLOGY (M.Tech.) in Engineering in respective branches.

    (a) The postgraduate degree of Master of Technology (hereinafter called M.Tech.) shall include the branches as under:-

        (i)   Electronics & Communication Engineering (ECE)
        (ii)   Computer Science & Engineering (CSE)
        (iii) Chemical Engineering (CHE)
        (iv)   Civil Engineering
            (a)   Construction Management (CM)
            (b)   Structural Engineering (SE)
            (c)   Geotechnical Engineering (GE)
            (d)   Environmental Engineering (ENV)
        (v)   Mechanical Engineering
            (a)   Manufacturing Technology (MT)
            (b)   Industrial Engineering & Management (IEM)

    (b) The studies and examination of these M.Tech. courses shall be on the basis of semester wise marks-cum-credit system but final evaluation shall be by the grading system.

2. **Admission**

    (a) Minimum qualification for admission to the first year M.Tech. shall be B.E./B.Tech. in an appropriate branch with at least 60% marks aggregate or its equivalent CGPA from any recognized university/institutions/technical university/Deemed university or any other qualification as recommended by UGC/AICTE for a particular course.

    (b) Applicant of B.E./B.Tech. with CHE/CE branch with 60% or its equivalent CGPA, shall also be eligible for admission in M.Tech. (Environmental Engineering).

    (c) Applicants possessing a valid GATE Score shall be given admission based on GATE Score merit for a full time course.

    (d) Applicants who do not possess a GATE Score, will have to appear in the University Entrance Examination, if such an examination is conducted by the University.

(e)   Three years M.Tech. degree course will be applicable only to Industry sponsored candidates who have two years experience in the relevant field.

(f)   Reservation Policy will be followed as per GOI and Govt. of MP norms in regard to SC/ST/OBC students admissions in the University.

(g)   Admissions shall be done in the university based on merit.

(h)   The admissions to M.Tech. course shall be governed by the rules of UGC/AICTE or the Govt. of Madhya Pradesh or any other competent authority.

(i)   Instructions, guidelines and recommendations issued by UGC, AICTE, MHRD, Department of Higher Education, MPPURC Bhopal or any other governing/regulatory bodies of the Govt. of India or Govt. of MP from time to time regarding admission process, shall be followed for the perspective year of admissions.

(j)   Recommendations made by Governing Body/Academic Council/Board of Management of the University, in accordance with directives of UGC, AICTE, MHRD, Department of Higher Education, MPPURC Bhopal or any other governing/regulatory bodies of the Govt. of India or Govt. of MP from time to time regarding admission process, shall be final for the perspective year of admissions.

3. Promotion to Higher Semester and Year

A candidate who has been admitted in the M.Tech. engineering course will be promoted to the higher class in accordance with the following rules:-

(a)   A candidate who has taken admission in the M.Tech. course and has appeared in the examination of the odd Semester of a particular year, will automatically be promoted to the even Semester of the year irrespective of failing in any number of subjects of the previous semester.

(b)   A candidate must have CGPA of at least 5.0 at the end of the year (after even semester in each year) to be declared promoted to the next academic year irrespective of failing in any number of subjects in the previous semesters on conditions of registering the backlog courses first which would run concurrently in the newly registered semester. In such cases, course credit limit should not be beyond as prescribed by the University. In case of failure, the student will be required to repeat the year.

(c)   To pass a particular course of the M.Tech. degree, the minimum required grade is D for both theory and practical examination separately.

(d)   In the M.Tech. course, theory and practical courses shall be counted separately and the weightage of evaluation for both the courses shall be separate.

(e)   For successful completion of the degree, a minimum of 72 course credits, or as defined for the respective admission year by the university, shall be required.

(f)   For the award of a degree, the minimum requirement of Cumulative Grade Point Average (CGPA) will be 5.0.

4.   Award of Credits and Grades

(a)   Each course, along with its weightage in terms of units and equivalent credits, shall be recommended by the Boards of Studies concerned and shall be approved by the Board of Management, Academic Council and the Governing Body. Only approved courses can be offered during any semester.

(b)   A student shall be continuously evaluated for his/her academic performance in a subject through Lectures, Tutorial work, practicals, home assignments, mid-semester tests, field work, seminars, quizzes, end-semester examinations and regularity, as proposed by the respective Board of Studies and approved by the Academic Council and the Governing Body of the university.

(c)   The distribution of weightage/marks for each component shall be decided by the respective Board of Studies and approved by the Academic Council and the Governing Body of the University.

(d)   Practical training and project work shall be treated as practical subjects.

(e)   Each student, registered for a course, shall be awarded a grade by the faculty/course coordinator (s) concerned with the specific subject/paper. The grades awarded to a student shall depend upon his/her continuous evaluation through performance in various examinations, assignments, quizzes, laboratory work, class work, mid-semester tests, thesis, project work and regularity.

5.   Conduct & Duration of the Course

(a)   There shall be at least eighteen weeks of teaching in every semester.

(b)   One lecture/tutorial hour per week per semester is assigned one credit.

(c)   One laboratory hour per week per semester is assigned half a credit.

(d)   Some courses are without credit and are referred to as non-credit (NC) courses.

(e)   The maximum duration of the course shall be three year for regular candidates and four year for Industry Sponsored candidates.

6.   Attendance

Candidates appearing as regular students for any semester examination are required to attend 80% of the lectures delivered and the practical classes held separately in each subject of the course of study, provided that a short fall in attendance upto 10% and further 5% can be condoned by the Vice-Chancellor of the University.

7.   Medium of Instruction and Examination

(a)   The medium of instruction and examination shall be English throughout the course of study.

(b)   The subjects to be studied in different semesters of Master of Technology courses shall be as per the schemes, approved by the Board of Studies.

8.

This supersedes Ordinance No.-2(b) of the First Ordinance of the University, published in Gazette Notification of Govt. of Madhya Pradesh at Sr. no. 7 on 17th February 2012.