

ORDINANCE - 26**Master of Engineering (M.E.) and Master of Technology (M.Tech.)**

The Faculty of Engineering shall offer Post Graduate Programs in different specializations of Engineering as per details given below:

- (i) Master of Engineering (M.E.)
- (ii) Master of Technology (M.Tech.)

In following subjects and Specialization:

Agricultural Engineering, Food Technology, Biotechnology, Bioinformatics, Biometrics and Cyber Security, Civil Engineering, Structural Engineering, Building and Construction Technology, Construction Technology, Environmental Engineering, Transportation Engineering, Computer Aided Structural Analysis and Design, Construction Engineering, Construction Technology and Management, Highway Engineering, Computer Applications, Computer Science and Engineering, Computer Networks and Information Security, Networking, Software Engineering, Electrical Engineering, Electrical and Electronics Engineering, Control Engineering, Power System Engineering, Control Systems, High Voltage and Power Systems Engineering, Power Electronics, Electronics Engineering, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, Nano-Technology, Communication Engineering, Digital Communication, Digital Instrumentation, Microwave Engineering, VLSI and Embedded Systems Design, Information Technology, Cyber Security, Web Technology, Web Engineering, Cloud Computing, Automobile Engineering, Fire Technology and Safety, Industrial Engineering, Mechanical Engineering, Production Engineering, CAD / CAM / CAE, Design Engineering, Design of Mechanical Systems, Heat and Power, Industrial Design, Industrial Engineering and Management, Machine Design, Product Design, Production and Industrial Engineering, Thermal Engineering, Textile Engineering, Aeronautical Engineering, Marine Engineering, Energy Engineering, Chemical Engineering, Bio-Medical Engineering, Mechatronics, Highway Engineering, Opto Electronics

- (a) The University shall offer above courses as per guidelines of the All India Council for Technical Education (AICTE) / University Grants Commission (UGC) / State Govt. of MP / Central Govt. issued from time to time.
- (b) The medium of instructions and examinations shall be English throughout the course of studies.
- (c) The Teaching and Examination Scheme shall be duly approved by the Board of Studies and Academic Council before execution and shall be according to the Ordinances, Rules and Regulations as specified, hereunder and elsewhere.
- (d) The minimum duration to complete the course shall be that of Two (2) years and maximum up to Five (5) years.

(e) Admission:

The eligibility for admission to the first year of M.E / M.Tech. Courses shall be based on the Qualifying Examination / Entrance Test to be conducted at State or at National level. In addition, the University shall follow all the guidelines as given by the State / Central Government regarding admissions from time to time. Further, candidate appeared in the qualifying examination and awaiting the result may also apply and may be admitted provisionally. But, the admission shall be confirmed only after the declaration of the result and passing the examination and fulfilling the admission eligibility criteria within 30 days of admission.

Reservations and admissions to NRI / Foreign Students / Persons of Indian Origin (PIO) / Children of Indian Workers in the Gulf Countries and Management / Institute Preference Quota shall as per the policy laid down by Central government / State government of MP.

The reservations for SC / ST / OBC (excluding creamy layer) / Minority communities shall be as per the policy laid down by Central government / State government of MP.

(f) The Teaching Scheme:

The detailed Teaching Scheme and the Syllabus of the different subjects of courses shall be prepared by the Departmental Councils of the concerned departments keeping in view the Course Outcomes, Program Outcomes and Program Educational Objectives to prepare the Engineering Students with the expected Post-graduate attributes. These courses shall be revised every year, if required by the Departmental Council and approved by the Board of Studies and Academic Council respectively.

The University shall follow the UGC / AICTE guidelines and adopt the choice based credit system.

While finalising the Teaching and Examination Scheme of Post Graduate Studies full care should be taken to see that the students after completing post-graduation from this University should be well recognised by the State and the Central Governments, Government of India Undertakings, National and Multinational companies for employability and Universities in India or abroad for Higher Education.

The subjects and their content taught in the First year of study should be capable of strengthening the fundamental concepts in ~~respective~~ disciplines of

Engineering. The final year shall be specialized with Elective Courses, Seminar and Project Dissertation.

(g) The Examination Scheme:

All the rules and regulations as applicable to the Award of Grade and Grade Points, Attendance, Condoning of Deficiency, Award of Grace Marks, Award of Division and Merit List, Promotion to Higher Semester and Year etc. described in Ordinance – 4 shall be applicable in the current ordinance.