

# MADHYA PRADESH BHOJ (OPEN) UNIVERSITY

## ORDINANCE No. 20

### B.Sc. (Honours) Degree Programme Subject : Mathematics

**Introduction** : This programme is in continuation of Specialised Post Graduate Degree in Mathematics approved under Ordinance 11 of the University.

**Objectives** : A very fast rate of growth of knowledge in different subjects and disciplines has resulted in greater emphasis on specialised programmes. In this context a general Under Graduate Degree Programme may be useful for a majority of our students. However, for talented students who may have greater capacity to learn, it may be desirable to have more focussed Under Graduate Programmes in the form of Under Graduate B.Sc. (Honours) Degree Programmes, with greater weight attached to an identified main subject/discipline : **Mathematics** and somewhat less focus on allied components.

**Programme Structure** : The duration of an Honours degree Programme will be 3 years consisting a total of six semesters each of six months duration. In the first four semesters there will be 4 courses in each semester. Out of such four courses per semester 3 courses will be based on the main subject/discipline, while the remaining one course per semester will be based on an allied subjects in the form of foundation course. All the four courses in the fifth semester will be based on the main subject/discipline. The last semester will either, consist of four courses based on the main subject/discipline or in lieu of two courses more motivated students will be encouraged to take up an independent study of an identified aspect of the main subject which is not covered under any other course and which is of sufficient depth.

The total intake of students shall not exceed 30.

**Evaluation system** : Evaluation in all course will be based on continuous internal assessment with 30% weight and semester-end examination with 70% weight.

- (i) Subjects/disciplines which will have only theory component: For each course 30 marks will be allotted for internal assessment in the form of internal assignments while 70 marks will be allotted for the semester-end examination.
- (ii) Subject/disciplines which will have both theory and practical components : For each course with only theory component 30 marks will be allotted for internal assessment in the form of internal assignments while 70 marks will be allotted for the semester-end examination. for courses with both the theory and practical components 20 marks will be allotted for continuous internal assessment in theory part and 10 for the practical component. 50 marks will be allotted for the semester-end theory examination and 20 marks for the semester-end practical examination
- (iii) Students who offer to carry out study in depth in lieu of two courses in the last semester will be required to submit a detailed report of their study before the end of the semester. 150 marks will be allotted for the assessment of the study report submitted by the student and 50 marks will be allotted for the performance in the Viva-Voca examination.

The course design, content, counseling, programme structure, etc. would be decided by the Academic Council of the University on recommendations of the Board of Studies concerned from time to time.

**Grading :** The following letter grades will be awarded for each course.

A	-	grade point 10.0
AB	-	grade point 9.0
B	-	grade point 8.0
BC	-	grade point 7.0
C	-	grade point 6.0
CD	-	grade point 5.0
D	-	grade point 4.0
E	-	grade point 2.0

The letter grade E denotes failure. A student will be considered to have cleared a course only if he/she obtains a letter of D or above. Students who at least obtain grade D in all the courses only will qualify for the award of the degree.