

**KARNATAK UNIVERSITY, DHARWAD**  
**Post Graduate Department of Studies in Mathematics**

**SYLLABUS & REGULATIONS**

For

**M.A. / M.Sc. (MATHEMATICS)**

(Choice Based Credit System)

w.e.f. 2008-2009

**Regulations and Scheme of Examination**

for

**M.A. / M.Sc. (Mathematics) Degree Course under  
Choice Based Credit System (CBCS)**

**1.1 Duration of the Course:**

The M.A. / M.Sc. Degree Course is of two years duration, spread over four semesters each of four months duration.

**1.2 (A) Eligibility for Admission:**

B.A. / B.Sc. Graduates of Karnatak University or of any other University recognized as equivalent there to with Mathematics as optional subject. The candidate should have obtained at least 45% of marks in optional subjects as well as in aggregate. Relaxation in respect of SC / ST / Cat-I etc. will be followed as per prevailing rules of the University.

**(B) Admission:**

- (i) **Intake:** 70 students (but may vary from time to time with the permission from the University) for the first semester. This includes admission under enhanced fee structure. Other rules for admission are as per University notification from time to time.
- (ii) **Admission to other Semesters:** Students are allowed to take admissions to successive semesters under carry over benefit (COB) facility.

**2. Attendance:**

Every student must have at least 75% attendance in each of the courses (Theory & Practical) in each semester. Shortage of attendance will be dealt with as per the University rules from time to time.

**3. Medium of Instruction:**

The medium of instruction shall be English.

**4. Scheme of Instructions:**

In the First three Semesters (I, II, III) there will be 3 Core Theory Papers of 4 credits each. In addition, in the I Semester there will be 3 Core Theory Papers of 2 credits each. In each of the II and III Semesters there will be 2 Core Theory Papers of 2 credits each.

In IV Semester there will be 4 Core Theory Papers of 4 credits each, 3 Core Theory Papers of 2 credits each.

In each of II, III, IV Semesters there will be 1 Core Practical Paper of 2 Credits.

In each of I, II, III Semesters there will be two Elective Theory Papers of 4 and 2 Credits. These elective papers have to be chosen by the students of other departments.

Our M.A. / M.Sc. students have to take electives of 6 Credits in each of I, II, III Semesters offered by other departments.