

# UNIVERSITY OF HYDERABAD

## MASTER OF COMPUTER APPLICATIONS (MCA)

---

### Eligibility for Admission :

First class Bachelor's degree with at least 60% marks in aggregate in any discipline with mathematics as a compulsory subject at + 2 (10 + 2) level.

**Total Intake :** 40

### Pattern :

The written test for admission to the MCA course will consist of objective type questions in two parts :

- PART - A : General ability
- PART - B : Mathematics

Part 'A' deals with general mental ability (consisting of items on reasoning, analysis, comprehension and synthesis).

Part 'B' deals with mathematical topics such as Sets, Relations, Integration, Differentiation, Analytical Geometry, Trigonometry, Vectors, Matrices, Determinants, Differential Equations, Elementary Probability and Statistics, Number Systems, Data Representation, Algorithms and Flowcharts.

### Syllabus :

**Mathematics** - Sets, Relations, Integration, Differentiation, Analytical Geometry, Trigonometry, Vectors, Matrices, Determinants, Differential Equations, Elementary Probability and Statistics, Number Systems, Data Representation, Algorithms and Flowcharts.

**General mental ability** - Questions on reasoning, analysis, comprehension and synthesis.

**NIMS**  
**KANPUR**

**M.C.A. Entrance by RAM GOPAL SINGH**

110/206, G.T. ROAD, (Near Gumti No. 5 Crossing) KANPUR

Phone : 0512 - 2557663, 2553090, 2553621