



**M. V. P. Samaj's**

**ARTS, SCIENCE & COMMERCE COLLEGE, OZAR (MIG)**

**Program Specific outcomes**

**Name of the Program: Mathematics**

Graduates of the Mathematics program will be able to:

1. Analyse and solve theoretical and applied problems and discover fundamental relationships.
2. Differentiate between valid and invalid mathematical reasoning.
3. Evaluate the development of 20th century Mathematical Logic in terms of its relation to the foundations of Mathematics.
4. Identify applications of Mathematics in other disciplines and in real-life situations.
5. Organise and interpret the given data accurately, briefly and precisely.
6. Develop an aesthetic awareness of mathematical shapes & patterns in the nature.
7. Construct simple mathematical proofs and possess the ability to verify them.
8. Develop abstract, logical and critical thinking and interpret geometrically.
9. Appreciate the international dimension of Mathematics and its multicultural and historical perspectives.
10. Apply mathematical concepts & theorems to the new situations, to face the challenges of the modern technological society, contributing to the development of culture and civilisation.

**H. O. D.**

**Department of Mathematics**