Rayat Shikshan Sanstha's

**Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar**

Department of Mathematics

**Program Outcomes (PO):** A graduate of this program are expected to:

1. Gain sound knowledge on fundamental principles and concepts of Mathematics and computing with their applications related to Industrial, Engineering, Biological and Ecological problems.
2. Exhibit in depth the analytical and critical thinking to identify, formulate and solve real world problems of science and engineering.
3. Get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
4. A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.
5. Apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
6. Be capable of undertaking suitable experiments/research methods while solving the real-life problem and would arrive at valid conclusions based on appropriate interpretations of data and experimental results.
7. Develop written and oral communications skills in order to effectively communicate design, analysis and research results.
8. Demonstrate appropriate inter-personal skills to function effectively as an individual, as a member or as a leader of a team and in a multi-disciplinary setting.
9. Acquire competent positions in industry and academia as well.