Pandurang Gramin Vikas Pratisthan Sanchalit,
Dilip Valase Patil College ,Nimgaon Sawa 410504.

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 wel

Programme Specific Outcome (PSO):

1. Give the students a sufficient knowledge of fundamental principles, methods and a clear perception of innumerous power of mathematical ideas and tools and know how to use them by modeling, solving and interpreting.
2. To equip the students sufficiently in both analytical and computational skills in Mathematical Sciences.
3. To develop a competitive attitude for building a strong academic - industrial collaboration, with focus on continuous learning skills.
4. Enhancing students overall development and to equip them with mathematical modeling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
5. Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.
6. Enabling students to Gauge the hypothesis, theories, techniques and proofs provisionally.