Arts, Commerce and Science College, Narayangaon.

F.Y.B.Sc. – Mathematics (As per NEP-2020)

PROGRAM OUTCOMES (PO's)

After successful completion of this program, students will be able to

1. Enhance their logical thinking and apply advanced mathematical concepts to solve complex problems.
2. Formulate research questions, design experiments or investigations, collect and analyze data and present their findings in a clear and coherent manner.
3. Apply advanced mathematical techniques or tools to analyze and solve challenging problems encountered in mathematics and related fields.
4. Formulate mathematical models that represent real-world phenomena, analyze the models using mathematical methods and interpret the results to make informed decisions or predictions.
5. Develop proficiency in utilizing computational tools, software and programming languages to aid in mathematical analysis, numerical simulations and data visualization
6. Present complex mathematical concepts, proofs and research findings to both technical and non-technical audiences.
7. Develop a strong foundation for professional growth and lifelong learning in Mathematics.
8. Acquire lifelong learning skills which will lead important to better opportunities and improve quality of life.
9. Gain knowledge with the holistic and multidisciplinary approach across the fields.
10. Analyzing the results critically and applying acquired knowledge to solve the problems.
11. Be independent innovations and published it though research papers and projects.