

**Programme: BSc.,
Mathematics, Physics & Chemistry (MPC)**

ii. Program Specific Outcomes (PSOs)

PSO1. Gain knowledge and understanding of definitions, concepts, theorems in Algebra, Analysis, Differential Equations and Linear Algebra.

PSO2. Use Mathematical software leading to professional development.

PSO3. Acquire logical and analytical skills to apply the concepts to model and solve real life problems in related areas.

PSO4. Attain sound knowledge in the areas of Mechanics, Thermal Physics, Optics, Electro magnetism, Quantum Physics, Solid state Physics for pursuing higher education and research.

PSO5. Demonstrate basic knowledge of Physics in developing logical tools and models to draw valid solutions.

PSO6. Analyze and solve problems using reasoning skills based on concepts of Physics.

PSO7. Acquire methodical and logical understanding of the fundamental concepts in Physical, Organic, Inorganic, Analytical and all other integrated Chemistry subjects.

PSO8. Achieve the ability to synthesize, separate, estimate and characterize compounds using experimental and instrumentation techniques.

PSO9. Develop critical thinking and problem-solving skills through solving by adopting research based pedagogical tools.