

## **Programme Specific Outcomes ( PSOs )**

### **Mathematics, UG**

**PSO 1.** Acquire problem solving skills pertaining to different branches of Mathematics like differential calculus , integral calculus, conic sections, linear programming, analytical geometry, trigonometry, theory of equations etc and their applications in real world problems.

**PSO 2.** Attain Conceptual understanding of real analysis, infinite series, algebra and three dimensional solid geometry.

**PSO 3.** Invoke analytical skill to understand essential scruples of group theory, Riemann integrals, hydrostatics, mechanics, gravitation, astronomy.

**PSO 4.** Understand the fundamentals of ring theory, linear algebra, metric spaces, topological spaces etc

**PSO 5.** Develop capabilities and requisite skills to evaluate volume and surface area of solids of revolution, matrices, differential equations of second order etc