

**CO-PO attainment  
in  
Outcome Based Education**

**Department of Mathematics,  
Government General Degree College, Kalna-I**

## Program Outcome (PO)

- ❖ PO1: Disciplinary knowledge
- ❖ PO2: Communication Skills
- ❖ PO3: Critical thinking
- ❖ PO4 : Problem solving
- ❖ PO5: Self-directed learning
- ❖ PO6: Research-related skills
- ❖ PO7: Analytical reasoning
- ❖ PO8: Information/digital literacy
- ❖ PO9: Lifelong learning

## Program Specific Outcome (PSO): UG Mathematics

- ❖ **PSO1: Foundation of mathematical concepts:** To use mathematical methodologies to crack problems using suitable mathematical analysis and suitable techniques.
- ❖ **PSO2: Foundation of mathematical system:** The ability to interpret the fundamental concept and methodologies of mathematical systems like group theory, mechanics, metric space and other real and abstract mathematical structures and spaces. Students can understand the functionality of analytical part and analysis of fundamental mathematical structures.
- ❖ **PSO3: Foundation of mathematical development:** The ability to grasp the mathematical development lifecycle and methodologies of mathematical systems. Familiarity and practical proficiency with broad area of real life applications and provide new ideas and innovations towards research.