

Department of Mathematics
Government Degree College Ramnagar
(NAAC Accredited)

Programme learning outcomes in B.A/B.Sc Mathematics

PO1: To equip students with knowledge, ability and insight in mathematics and related fields.

PO2: The skill and knowledge gained has intrinsic beauty, which also leads proficiency in analytical reasoning. This can be utilised in modeling and solving real life problems.

PO3: students completing this program will be able to communicate mathematical ideas clearly. They will use correct mathematical terminology and proper mathematical notation.

PO4: To enable them to work as mathematical professionals and to enhance their employability for jobs in banking, insurance and investment sectors, data analyst jobs and jobs in various other public and private enterprises.

PO5: To enable them to recognise the need for and the ability to engage in lifelong learning.

PROGRAM OBJECTIVES

- *To create deep interest in learning Mathematics.*
- *To provide a solid education in the basic subjects of Mathematical knowledge and its applications.*
- *To encourage the students to develop a range of generic skills helpful in employment, internships and social activities.*
- *Apply mathematical knowledge and skills to solve real mathematical problems by developing abilities to analyse, to see interrelationship involved, to think and reason.*
- *To develop the ability to articulate logically.*
- *To enhance the ability of learners to apply the knowledge and skills acquired by them during the programme to solve specific theoretical and practical problems in mathematics.*
- *To provide learners sufficient knowledge and skills enabling them to undertake further studies in Mathematics and its allied areas on multiple disciplines concerned with Mathematics.*
- *To familiarise the students with suitable tools of Mathematical analysis to handle issues and problems in mathematics and related sciences.*
- *To develop appreciation for Mathematics as problem-solving tool in various fields for its beautiful structures, patterns etc.*