

B.SC. HONOURS COURSE- PROGRAMME OUTCOMES (POs)

Muralidhar Girls' College affiliated to University of Calcutta follows the CBCS Programme / Course structure and Curriculum given by the University. Emphasis is given on outcome-oriented system of teaching learning with a learner centric approach. The College implements the curriculum using varied teaching-learning methods along with ICT tools to improve the process. The Academic Sub-committee along with IQAC prepare the Program Outcomes and the different Departments prepare the respective Program Specific Outcomes and Course Outcomes on the basis of the curriculum provided by the University in accordance with the Mission and Vision of the college.

The Program Outcomes (POs) of B.Sc. Honours:

PO1	SCIENTIFIC DISCIPLINARY KNOWLEDGE: Enable the students to develop scientific aptitude and cognitive ability.
PO2	INTEGRATING THEORY & PRACTICE: Enable the students to acquire knowledge & skills to relate theoretical knowledge into practice and problem solving.
PO3	RESEARCH APPTITUDE & DIGITAL LITERACY: Undertake research oriented activities motivated through holistic learning outcomes to comprehend, analyse and evaluate information gathered using ICT tools and progress to higher studies.
PO4	SOCIAL CONCIOUSNESS & CAREER OPPORTUNITY: Provides the students a combination of academic rigour and career preparation with a sense of social responsibility, equality and empowerment.
PO5	LIFE LONG LEARNING: Enable the students to build a strong foundation for independent thinking and lifelong learning in the present scenario.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

After successful completion of 3-Year: 6-Semester Honours Programme in Mathematics a student should be able to achieve the following:

PSO1	Knowledge of Number system: Enable the students to learn about Natural numbers, Integers, Rational numbers, irrational numbers, Real numbers and Complex numbers.
PSO2	Abstract Algebra, Linear Algebra & Real Analysis: Develop the ability to reflect on problems in the field of Abstract Algebra, Linear Algebra & Real Analysis.
PSO3	Mathematical and Statistical tool: Mathematical and Statistical tool to solve many real life problems. Students can apply numerical methods to obtain approximate solutions to mathematical problems and also can Solve the nonlinear equations, system of linear equations etc.
PSO4	Research Aptitude: Enables the students ability to use scientific and empirical approaches to comprehend, analyse and critically evaluate the various geographical issues.
PSO5	Logical Awareness: Enables the student to understand the complex process of Society.
PSO6	Higher Education & Employability: Enables the students to study on various branches of science and social science for higher education and thereby providing different avenues for job opportunities.