Dum Dum Motijheel College
1, Motijheel Avenue, Dum Dum, Kolkata – 700074, West Bengal. India

Programme : Bachelor of Science (B.Sc.)

Programme Outcome (P.O.) for B.Sc.

The Undergraduate Programmes in Biological, Physical and Mathematical sciences will instill in the students a scientific temper and impart a holistic education through the following outcomes :

PO 1	Domain Knowledge	➢ Acquire profound knowledge of basic concepts, theories and processes through study of core courses in respective programmes.
		➢ Assess, adopt, apply and analyze domain specific knowledge to emerging areas of Academia and Industry.
PO 2	Multidisciplinary Knowledge	➢ Identify and determine relationships across disciplines
		➢ Acquire and apply multidisciplinary knowledge for the holistic academic development
PO 3	Critical thinking and Analytical skills	➢ Critically integrate knowledge and enable the analysis of complex phenomena, issues and situations related to research and development.
		➢ Apply empirical knowledge and skills to identify and collect quantitative and qualitative data to analyze and formulate evidence-based suggestions and solutions.
PO 4	Scientific writing and Presentation skills	➢ Formulate and document results obtained laboratories, case studies, project works and field works.
		➢ Effectively communicate through engaging presentations using methodologies appropriate to the discipline.
PO 5	Innovation and Creativity	➢ Demonstrate transferable capabilities and intrapreneurial skills that are relevant to the industry and other employment opportunities.
		➢ Develop entrepreneurial skills and generate intellectual property.
PO 6	Environmental sustainability	➢ Critically evaluate the potentials and impacts of scientific innovations on environment and find sustainable solution to issues pertaining to environment, public health and agriculture.
PO 7	Individuality and Team work	➢ Perform scientific investigations in laboratories, project works and field works independently and collaboratively in a safe and efficient manner.
PO 8	Digital skills	➢ Acquire computer skills and their application relevant to classroom and self-directed web-based learning.
		➢ Familiarize with and use domain related software resources, computational skills and digital tools for data analysis, visualization and interpretation.

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