



PANSKURA BANAMALI COLLEGE (AUTONOMOUS)
KANAKPUR, PANSKURA R.S., PURBA MEDINIPUR
WEST BENGAL - 721152

PROGRAMME OUTCOMES (POS)

MASTER OF SCIENCE (M.Sc.)

- PO1 : Disciplinary knowledge:** The student should have the capacity to show that she/he has a sound knowledge and comprehension of one or more than one of the disciplines constituting the postgraduate programme that she/he is a part of.
- PO2 : Communication Skills:** The student should be able to express her/his thoughts and concepts in an articulate fashion, be it orally and/or in writing. In addition, she/he should be able to communicate with others using the necessary media, manifesting her/his ideas clearly. The student should also show sharp analytical skills when it comes to reading, writing, and listening. Perhaps most importantly, she/he should have the capability to condense complicated information in a brief and clear fashion.
- PO3 : Critical thinking:** The student should possess the capacity to analyse a body of knowledge, and evaluate arguments, assertions, and beliefs based on empirical data. She/he should be able to identify assumptions and implications correctly, formulate infallible arguments, and evaluate praxes, policies, and ideas with a critical eye. Most importantly, she/he should be able to execute these while wielding a scientific perspective toward the development of the necessary epistemologies.
- PO4 : Problem solving:** The student should have the capacity to make deductions from what she/he has learned, and should be able to apply these skills to solve problems which she/he is not necessarily familiar with. She/he should, in other words, ideally not depend on rote learning when applying these skills to deal with problems in her/his everyday life.
- PO5 : Analytical reasoning:** The student should possess the ability to grasp the credibility and applicability of evidence, identify the problems in the logic applied to a situation by others, and draw applicable conclusions with instances that show their validity.
- PO6 : Research-related skills:** The student should possess a knack for inquiring deep into research questions and articulate them by problematizing and synthesizing the everyday. She/he should have the capability to articulate and determine problems and hypotheses, derive and interpret data, and draw conclusions to predict causal relations about the stuff of the everyday. The student should come up with sound hypotheses, and have the capacity to plan, map, and report the conclusions of an experiment or a matter she/he is interrogating.
- PO7 : Cooperation/Team work:** The student should be able to cooperate with diverse teams in a spirit of unity despite diversity. This will help facilitate cooperation and synchronization in a group that is working together toward a common cause so that they can put in their best efforts.
- PO8 : Scientific reasoning:** The student should be able to analyse, make interpretations of, and come up with conclusions about data, be the data quantitative or qualitative. She/he should evaluate concepts with a critical lens and with proof, using experience and wielding a broad mind and a rational prism.
- PO9 : Reflective thinking:** The student should have the capability to apply a critical lens to examine her/his daily experience, using her/his self-consciousness reflexively based on her/his relationship with society as such.



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- PO10 : Information/digital literacy:** The student should be able to use ICT in various pedagogic situations, and access, test, and use a number of sources of information, using data that is appropriate for the purpose.
- PO11 : Self-directed learning:** The student should have the ability to work on her/his own, identify sources that will be useful for her/his purposes, and work on a project while seeing it through to the end.
- PO12 : Multicultural competence:** The student should have knowledge of the value systems and common-sense beliefs of multiple cultural backgrounds. She/he can then engage actively with a society that does not limit itself to one culture—a society that in fact involves multiple and diverse groups. Most importantly, the student should interact with these groups with the utmost respect, shorn of all prejudices.
- PO13 : Moral and ethical awareness/reasoning:** The student should have moral and ethical values in place that help govern her/his life in the right direction. These will help her/him locate herself/himself in an argument, using the most ethical practices possible when it comes to her/his work. The student should not misrepresent or forge data, indulge in plagiarism, or violate intellectual property rights. She/he should also understand the need to address issues of the environment and the need for sustainability. She/he should have an objective and impartial perspective when executing actions, and be truthful about all that she/he says and does professionally.
- PO14 : Leadership readiness/qualities:** The student should have the competence to map out a task for an individual or a group or, indeed, an entire organization. She/he should be able to motivate the team, provide them with a vision, and equip them with skills of management that will take them along the right path toward the correct telos seamlessly.
- PO15 : Lifelong learning:** Through the skills and epistemes at her/his disposal, students should be able to learn how to learn. Additionally, she/he should harbour the thirst to learn through the entire duration of her/his life in a smooth and self-motivated fashion for her/his intellectual and professional development. This will help her/him meet the challenges of changing economic and sociocultural needs in a workplace or a profession by resetting or rejuvenation of her/his skills.