

Bajkul Milani Mahavidyalaya

Program outcome of a Bachelor of Science (BSc)

The program outcome of a Bachelor of Science (BSc) degree can vary depending on the specific field of study or major/Honours chosen. A BSc is an undergraduate degree typically awarded after completing a 3 years program (under NEP it could be four) in various scientific disciplines. Here are some common program outcomes associated with a BSc:

PO:01-Knowledge and Understanding: Graduates students supposed to get a solid understanding of fundamental concepts and theories related to their chosen scientific field.

PO:02-Practical Skills: After successfully completion of course, students should have gained practical skills through laboratory work, project works and other hands-on experiences, allowing them to apply theoretical knowledge to real-world situations.

PO:03-Critical Thinking: Graduates are expected to develop strong analytical and critical thinking skills, enabling them to evaluate information, solve problems, and make informed decisions.

PO:04 -Communication: BSc graduates should be able to communicate scientific ideas effectively through written reports, presentations, and other forms of communication.

PO:05-Research Abilities: Depending on the program, students might have completed research projects, honing their research skills and understanding of scientific method.

PO:06- Ethical Awareness: Graduates should have an understanding of ethical issues in their field and be able to apply ethical principles to their work.

PO:07-Environment Awareness: After completing BA degree, students become aware of environmental issues and sustainability.

PO:08-Social responsibility and community feelings: Through various extension activities, a typical science graduate develop social responsibility and community feeling. This enables them to develop moral character and make them responsible citizen.

PO:09- Adaptability: BSc programs often aim to equip students with the ability to adapt to new challenges and advancements in their scientific field.

PO:10-Teamwork: Collaboration is essential in many scientific fields. Through experiments performed in groups BSc graduates gather experience working in teams and in future they are expected to contribute effectively in group projects.

PO:11-Professionalism: It is expected that graduate should develop a sense of professionalism, including time management, accountability, and a commitment to quality work.

PO:12-Continuing Education: A BSc degree can serve as a foundation for further studies, such as pursuing a Master's or Ph.D., or specialized professional certifications.

It's important to note that the specific outcomes may differ depending on the chosen major/Honours or concentration within the field of science.