



P.P.N. (P.G.) College, Kanpur

96/12 Mahatma Gandhi Marg, Kanpur -208001

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FACULTY OF SCIENCE

PROGRAMME OUTCOMES (POs)

Degree in Bachelor of Science

A Bachelor of Science (B.Sc.) degree is a versatile undergraduate program that provides a strong foundation in scientific and technical fields. The outcomes of a Bachelor of Science degree can vary depending on the specific major, but here are some general outcomes associated with earning a B.Sc. degree:

PO1. Specialized Knowledge: Graduates acquire specialized knowledge in their chosen field of science, such as botany, zoology, chemistry, physics, mathematics and statistics.

PO2. Problem-Solving Skills: B.Sc. programs emphasize critical thinking and problem-solving skills, which are valuable in various professional settings.

PO3. Research and Laboratory Skills: B.Sc. programs include hands-on research experience in laboratories, developing skills in data collection, analysis, and experimentation.

PO4. Technical and Analytical Skills: Graduates often develop technical and analytical skills, including proficiency in using scientific instruments and software.

PO5. Mathematical Proficiency: Depending on the major, B.Sc. graduates typically have strong mathematical abilities and are comfortable with quantitative analysis.

PO6. Computer Skills: B.Sc. programs often require computer programming and data analysis skills, which are valuable in scientific research and other fields.

PO7. Scientific Communication: Graduates gain skills in scientific writing and communication, which are important for publishing research findings, presenting findings, and collaborating with peers.

PO8. Teaching and Education: B.Sc. degree holders can pursue careers in teaching, either in primary or secondary education.

PO9. Healthcare and Medicine: Depending on the major and additional education, B.Sc. graduates can enter the healthcare field as medical laboratory technicians, radiologic technologists, or pursue medical school or nursing programs.

PO10. Environmental Science and Conservation: Graduates in fields like environmental science or ecology can work in environmental consulting, conservation organizations, or government agencies.

PO11. Pharmaceutical and Biotechnology Industry: Graduates in biological sciences, chemistry, or biotechnology can find opportunities in pharmaceutical research and development..



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PO12. Finance and Data Analysis: B.Sc. graduates with strong analytical skills may work in finance, data analysis, or actuarial roles.

PO13. Energy and Sustainability: Graduates in fields like renewable energy or sustainability may work in the energy sector, focusing on clean energy technologies and environmental sustainability.

PO14. Space and Aerospace: B.Sc. graduates can enter the aerospace industry, working on spacecraft design, satellite technology, or space exploration missions.

PO15. Graduate and Professional Studies: Many B.Sc. graduates choose to pursue advanced degrees (Master's or Ph.D.) to further specialize in their field or engage in research and academia.

PO16. Entrepreneurship: B.Sc. graduates often have the skills and knowledge needed to start their own businesses, particularly in technology, biotechnology, or engineering-related ventures.

(Prof. Suman Singh)

Convenor
NAAC

(Prof. Abha Singh)

Convenor
IQAC

(Prof. Anoop Kumar Singh)

Principal