



PROGRAMME OUTCOMES (PO)

➤ BACHELOR OF SCIENCE (B. Sc) AND MASTERS IN SCIENCE (MSc.)

The undergraduate and postgraduate Programmes in Biological/Physical Sciences will instil in the students a scientific temper and impart a holistic education through the following outcomes:

PO-1: Knowledge – Demonstrate and apply fundamental knowledge in concepts of Biological/Physical Sciences and its application in research, industry and daily life.

PO-2: Problem analysis / solving, design and development of solutions:

Critically integrate knowledge and enable the analysis of complex phenomena, issues and situations related to research and development. The student will be able to critically evaluate and discuss scientific literature and key methodologies with regard to validity, reliability, and applicability, within the biological and physical sciences. They will also demonstrate the ability to plan, perform, analyse, and critically evaluate their own research work.

PO-3: Sensitive to environment sustainability issues:

Critically weigh and evaluate the potentials and impact of scientific innovations on environment and find sustainable solution to issues pertaining to environment, public health and agriculture.

PO-4: Ethics and Communication:

Imbibe and demonstrate ethical practice in planning experiments, research designs and communicating the complex concepts to the scientific and non-scientific community.

Demonstrate the ability to present their original work through written, oral, and visual presentations at various forum.

PO-5: Individuality and Teamwork:

Perform research, development and/or investigations and project activities independently and collaboratively in a safe and efficient manner.

PO-6: Competencies for Employment and Research:

Acquire both technical and soft skills to qualify for a broad range of positions in research, industry, consultancy and education or for further education in a doctoral program.



BACHELOR OF ARTS (BA) AND MASTERS IN ARTS (MA)

PO-1: Knowledge.

Principle of *Magis* (More) - Equip students with a strong academic perspective. Address the concerns of the world through rigorous academic inquiry within and across multiple disciplines.

PO-2: Problem analysis / solving, Design and development of solutions:

Principle of Reflection – Students will be able to gain knowledge, ask questions, develop skills and form conclusions through reflective thinking.

PO-3: Environment sustainability

Principle of *Ad Majorem Dei Gloriam* (For the Greater glory of God) – Students are trained to implement best practices in environmental conservation and sustainability through action.

PO-4: Ethics and Communication:

Principle of Discernment – Train students to discern ethical principles and personal values in light of academic experience.

PO-5: Individuality and Teamwork:

Principle of *Cura Personalis* – Students will be able to work collaboratively and effectively with diverse groups towards personal and common goals

PO-6: Competencies for employment and Research:

Instil professional competencies and values in students that aid in rapid growth, and provides them the confidence to be in positions of responsibility that help serve for the betterment of society.

PO-7: Cultural and Global engagements

Principle of Solidarity and Kinship – Enable students to integrate varying perspectives that link local and global realities.

PO-8: Community engagement

Principle of Forming & educating agents of change – Help students to share gifts, pursue justice and demonstrate through communication solutions, concern for the poor and marginalised



BACHELOR OF COMMERCE (B.COM)

The course is structured and administered to cater to students who work full time day jobs. B Com is part of the night college. Most of the students work to financially support their families.

PO-1: Knowledge.

Principle of *Magis* (More) - Lay strong academic foundations to develop competent knowledge sets unique to business environment.

PO-2: Problem analysis / solving, Design and development of solutions:

Principle of Reflection – Impart analytical skills and soft skills required in workplaces and for progression into prestigious post graduate education.

PO-3: Environment sustainability

Principle of *Ad Majorem Dei Gloriam* (For the Greater glory of God) – Education in the value of trusteeship while engaging in environmental and social issues.

PO-4: Ethics and Communication:

Principle of Discernment – Education in ethical principles leading to personal values, professional ethics and resulting in critical consumption and just business practice.

PO-5: Individuality and Teamwork:

Principle of *Cura Personalis* – Development of entrepreneurial mindset, leadership skills and emotional intelligence to face the evolving marketplace.

PO-6: Competencies for employment and Research:

Instil professional competencies and values that aid in rapid professional growth and to be in positions of responsibility and governance that help serve for the betterment of society.

PO-7: Cultural and Global engagements

Principle of Solidarity and Kinship – integrate diverse perspectives of commerce, business, economic, social and cultural leanings that link local and global realities.

PO-8: Community engagement

Principle of Forming & educating agents of change - Sharing privileges, engaging in critical debate and using talents for community gains.



St. Xavier's College (Autonomous)
5, Mahapalika Marg
Mumbai