

BON SECOURS COLLEGE FOR WOMEN (AUTONOMOUS)



Nationally Accredited with 'A++' Grade by NAAC
Affiliated to Bharathidasan University, Tiruchirappalli
UGC Recognized 2(f) and 12(B) Institution
Vilar Bypass, Thanjavur – 613006, Tamil Nadu

DEPARTMENT OF INFORMATION TECHNOLOGY

PROGRAMME OUTCOMES (POs) FOR B.Sc. PROGRAMMES

On successful completion of the B.Sc. Programme, students will be able to:

PO1: Foundational Knowledge: Apply fundamental principles and methods across key areas of science and multidisciplinary fields.

PO2: Problem Solving and Analysis: Demonstrate analytical and logical skills to address scientific challenges and requirements.

PO3: Scientific Inquiry and Critical Thinking: Cultivate critical thinking and a scientific temper to evaluate and solve complex problems.

PO4: Effective Communication: Communicate scientific concepts clearly and effectively to diverse audiences.

PO5: Ethics and Sustainable Development: Recognize the importance of ethical responsibility and use technology judiciously to promote sustainability.

PO6: Research and Lifelong Learning: Uphold scientific integrity, engage in research, and commit to continuous learning amid technological advancements.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Understand the concepts of database design in application development and retrieve data effectively.

PSO2: Design and develop small-scale applications using databases in the back-end.

PSO3: Understand the basics of database design and its core principles, and apply them in application software development.

PSO4: Understand data models to build application software and design serializable transactions for database applications.

PSO5: Design and develop normalized database applications.

PSO6: Develop application software using SQL commands.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Equip students with essential domain knowledge to thrive in the IT sector.

PEO2: Offer practical training, hands-on experience, and project work to meet industry demands.

PEO3: Inspire career growth and entrepreneurial skills in a global context.

PEO4: Foster contributions to technological advancements in Information Technology through research.

PEO5: Encourage creativity, innovative thinking, and teamwork to achieve shared objectives.