



BON SECOURS COLLEGE FOR WOMEN (Autonomous)

Accredited with A++ Grade by NAAC in the Cycle II
Affiliated to Bharathidasan University, Tiruchirappalli
UGC Recognized under Section 2(f) and 12 (B)
An ISO 21001:2018 Certified Institution
Vilar Bypass, Thanjavur-613006, Tamilnadu

DEPARTMENT OF COMPUTER APPLICATIONS

Vision of Department of Computer Applications

- The vision of the department is to empower women by providing them unique learning experience with ethical values in computer applications to meet the industrial standards and societal expectations.

Mission of Department of Computer Applications

- To provide a strong theoretical and practical background across the computer science discipline with an emphasis on software development.
- To impart value-based, quality education with enriched academic competency, potential and critical thinking that provides design, development as software applications in their entirety.

Programme Outcomes (POs)

On successful completion of the B.C.A., 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 principles of Computer Applications and its connections with other disciplines.

PSO2: Procedural knowledge that creates different types of professionals related to Computer applications, including research and development, teaching and industry, government and public service.

PSO3: Skills and tools in areas related to computer applications and current developments in the academic field of study.

PSO4: Use knowledge, understanding and skills required for identifying problems and issues, collection of relevant quantitative and/or qualitative data drawing on a wide range of sources, and their application, analysis and evaluation using methodologies as appropriate to Computer Applications for formulating solutions.

PSO5: Apply acquired knowledge of Computer Applications and transferable skills to new/unfamiliar contexts.

PSO6: Demonstrate discipline-related and transferable skills that are relevant to industry and employment opportunities.

Programme Educational Objectives (PEOs):

The programme will enable the graduates to

PEO1: Acquire in-depth knowledge of the discipline, coupled with technical skills, communication abilities, logical thinking, and problem-solving competence.

PEO2: Develop entrepreneurial and employability traits, functioning as responsible citizens with the ability to tackle challenging tasks, transform rural communities, and adapt to contemporary technologies.