

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
NATIONALLY ACCREDITED WITH “A” GRADE BY NAAC
ISO 9001:2015 Certified
TIRUCHIRAPPALLI

PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE



B.Sc Computer Science with Cognitive Systems
2022-2023 and Onwards

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

VISION

To create an ambience for a quality academic erudition which drives technologically adept, innovative and globally competent graduates with ethical values

MISSION

- To have a breadth of knowledge across the subject areas of Computer Science
- To professionally enrich the students for successful career in Academia, Industry and Research
- To promote and inculcate ethics and code of professional practice among students

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEOs	Statements
PEO 1	LEARNING ENVIRONMENT To facilitate value-based holistic and comprehensive learning by integrating innovative learning practices to match the highest quality standards and train the students to be effective leaders in their chosen fields.
PEO 2	ACADEMIC EXCELLENCE To provide a conducive environment to unleash their hidden talents and to nurture the spirit of critical thinking and encourage them to achieve their goal.
PEO 3	EMPLOYABILITY To equip students with the required skills in order to adapt to the changing global scenario and gain access to versatile career opportunities in multidisciplinary domains.
PEO 4	PROFESSIONAL ETHICS AND SOCIAL RESPONSIBILITY To develop a sense of social responsibility by formulating ethics and equity to transform students into committed professionals with a strong attitude towards the development of the nation.
PEO 5	GREEN SUSTAINABILITY To understand the impact of professional solutions in societal and environmental contexts and demonstrate the knowledge for an overall sustainable development.

PROGRAMME OUTCOMES FOR B.Sc Computer Science /
B.Sc Computer Science with Cognitive Systems /BCA/B.Sc Information Technology

PO NO.	On completion of B.Sc Computer Science / B.Sc Computer Science with Cognitive Systems / BCA/ B.Sc Information Technology Programme, The students will be able to
PO 1	Academic Skills & Social Responsibility Apply Computing, Mathematical and Scientific Knowledge in Various disciplines by understanding the concerns of the society.
PO 2	Critical Thinking and Innovative Progress Design the software applications with varying intricacies using programming languages for innovative learning in techno world to meet the changing demands.
PO 3	Personality Development Perceive Leadership skills to accomplish a common goal with effective communication and understanding of professional, ethical, and social responsibilities.
PO 4	Lifelong Learning Identify resources for professional development and apply the skills and tools necessary for computing practice to gain real life experiences.
PO 5	Creativity and Holistic Approach Create a scientific temperament and novelties of ideas to support research and development in Computer Science to uphold scientific integrity and objectivity.

PROGRAMME SPECIFIC OUTCOMES FOR
B.Sc COMPUTER SCIENCE WITH COGNITIVE SYSTEMS

PSO NO.	The students of B.Sc Computer Science with Cognitive Systems will be able to	POs Addressed
PSO1	Gain knowledge in the core topics of Computer Science and to develop an equal appreciation of current industry standards.	PO1, PO2
PSO2	Equip them as industry ready students and an entrepreneur with significant knowledge on digital ecosystem that provide values to business needs in the area of IT Infrastructure and IT Application, Maintenance & Service Support.	PO2, PO3, PO4, PO5
PSO3	Apply appropriate techniques and skills in various domains of computer science to solve real world problems.	PO1, PO2, PO4,
PSO4	Create awareness on current issues and latest trends in technological development and thereby implement innovative ideas and solutions to existing problems in society.	PO2, PO4, PO5
PSO5	Implement independent projects of their own choice using latest tools and also work as an effective team member to attain the predefined goals.	PO1, PO3, PO5