

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)

Nationally Accredited (III Cycle) with 'A' Grade by NAAC

ISO 9001:2015 Certified

ANNAMALAI NAGAR, TIRUCHIRAPPALLI – 620 018.

DEPARTMENT OF COMPUTER APPLICATIONS



BACHELOR OF COMPUTER APPLICATIONS

2022 -2023 and Onwards

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)

DEPARTMENT OF COMPUTER APPLICATIONS

VISION

- ❖ To produce globally competent computer professionals by providing high quality education and also focus on developing the skills of technical competency.
- ❖ To make an incorporated framework that meets the higher instructive necessities of the community.
- ❖ To prepare the students for technical training with revolutionary vision so they can create employment opportunities for themselves as well as for others.

MISSION

- ❖ To produce a quality learning environment that helps students to enhance problem solving skills and practical knowledge.
- ❖ To provide technical education to the students through well-equipped labs.
- ❖ Giving personal attention to slow learners consequently, allowing them to cope up with other wards.
- ❖ To impart the professional and communication skills training to the students to get better placement.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

| PEOs | Statements |
|-------------|---|
| PEO1 | 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. |
| PEO2 | 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. |
| PEO3 | 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. |
| PEO4 | 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. |
| PEO5 | 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 and

B.Sc Information Technology Programme

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|---------------|---|
| 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 BCA

| PSO NO. | The students of Bachelor of Computer Applications will be able to | POs Addressed |
|--------------------|--|--------------------------|
| PSO 1 | Understand the concepts of logical and critical thinking with adequate practical skills. | PO1 PO2 PO4 PO5 |
| PSO 2 | Adopt necessary technical, scientific, managerial and financial knowledge to be employable or pursue higher education. | PO1 PO2 PO4 |
| PSO 3 | Apply neoteric technology in various domains and evaluate the method of implementing it. | PO1 PO2 PO4 |
| PSO 4 | Design and create innovative ideas that meet the requirements of an entrepreneur and software industry. | PO1 PO2 PO4 PO5 |
| PSO 5 | Explore the ethical values, sustainability and productivity. | PO3 PO4 PO5 |