

KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
COIMBATORE – 641 029.



DEPARTMENT OF INFORMATION TECHNOLOGY

CURRICULUM AND SCHEME OF EXAMINATIONS (CBCS)

(2025 - 2026 onwards)

DEPARTMENT OF INFORMATION TECHNOLOGY

Vision:

- To achieve excellent standards of quality education by keeping pace with rapidly changing technologies.
- To create technical manpower of global standards with capabilities of accepting new challenges in Information Technology.
- Integral Formation and Empowerment of students for social transformation through Information Technology.

Mission:

- To provide outstanding education and training to our graduate students for their productive careers in industry, academia, and government.
- To impart quality and value-based education to raise satisfaction level of all stakeholders.
- To empower students with academic excellence, knowledge and training.
- To enable critical thinking among students towards development in IT with reference to social transformation.
- To apply new developments in Information Management and provide all possible support to promote research & development.
- To serve as a platform whereby the student enrich their personalities to assume greater responsibilities.

PROGRAMME OUTCOMES (PO)

- PO1** Enhance the skills and new computing technologies through practical and theoretical knowledge of computer science and software engineering.
- PO2** Practice communication, problem solving and decision-making skills through the use of appropriate technology and with the understanding of the business environment.
- PO3** Identify, design, and analyze complex computer systems and interpret the results from those systems
- PO4** Configure and administer database servers to support contemporary business environments.
- PO5** Apply the knowledge of mathematics, science and computing in the core information technologies.
- PO6** Analyze the impact of computing on individuals, organizations, and society, including ethical, legal, security, and global policy issues.
- PO7** Learn future technologies through acquired foundational skills and knowledge and employ them in new business environments.
- PO8** Pursue higher education or practice as computing professionals to contribute to the economic development of the region, state and nation.

PROGRAMME SPECIFIC OUTCOMES (PSO)

- PSO1** Apply the knowledge of computing and mathematics appropriate to the discipline.
- PSO2** Apply current techniques, skills, and tools necessary for computing practical and to integrate IT-based solutions into the user environment effectively.
- PSO3** Use design and development principles in the construction of software systems of varying complexity.
- PSO4** An ability to use knowledge in various domains to identify real-world problems and hence to provide solution to new ideas and innovations.
- PSO5** Design, document and develop robust applications by considering human, financial and environmental factors using cutting edge technologies to address individual and organizational needs.