KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
Nanjanapuram, Erode - 638 107

DEPARTMENT OF COMPUTER SCIENCE (UG)

Programme Outcomes for UG Programme:
At the end of the programme, students will be able to

PO Number	PO Statement
PO1	**Critical Thinking:** Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational and personal) from different perspectives.
PO2	**Effective Communication:** Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and making meaning of the world by connecting people, ideas, books, media and technology.
PO3	**Social Interaction:** Elicit views of others, mediate disagreements and help reach conclusions in group settings.
PO4	**Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
PO5	**Ethics:** Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
PO6	**Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.
PO7	**Self-directed and Life-long Learning:** Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

Programme Specific Outcomes for B.Sc Computer Science:
At the end of the programme, students will be equipped with the Knowledge in

PSO Number	PSO Statement
PSO1	Apply the fundamental principles and methods of Mathematics and Computer Science to a wide range of applications.
PSO2	Design, implement, and evaluate a computational system to meet desired needs in various domains.
PSO3	Use current computing technologies and methods for the design and implementation of solutions in industry.
PSO4	Practice continuous learning to maintain and achieve professional and personal excellence.
PSO5	Apply the contextual knowledge of Information Technology to function efficiently as an individual or a leader in multi disciplinary environments.

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DEPARTMENT OF COMPUTER SCIENCE WITH DATA ANALYTICS

Programme Outcomes for UG Programme:
At the end of the programme, students will be able to

PO Number	PO Statement
PO1	**Critical Thinking:** Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational and personal) from different perspectives.
PO2	**Effective Communication:** Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and making meaning of the world by connecting people, ideas, books, media and technology.
PO3	**Social Interaction:** Elicit views of others, mediate disagreements and help reach conclusions in group settings.
PO4	**Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
PO5	**Ethics:** Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
PO6	**Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.
PO7	**Self-directed and Life-long Learning:** Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

Programme Specific Outcomes for B.Sc (Computer Science with Data Analytics):
At the end of the programme, students will be equipped with the Knowledge in

PSO Number	PSO Statement
PSO1	Apply the domain knowledge effectively and efficiently in par with the expected quality standards for data analyst professional.
PSO2	Apply the mathematical, technical and critical thinking skills in the discipline of data analytics to find solutions for complex problems.
PSO3	Practice continuous learning to maintain and achieve professional and personal excellence.
PSO4	Use the key technologies in data science and business analytics: data mining, machine learning, visualization techniques, predictive modeling and statistics.
PSO5	Inculcate effective communication skills combined with professional & ethical attitude.