K.S.Rangasamy college of Arts and Science (Autonomous)

Tiruchengode – 637 215

Department of Computer Science

Details of courses having crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability.

Programme	Course Name	Relevant Issues			Description
		Gender	Environment & Sustainability	Human values & Professional Ethics	
B.Sc (CS)	Core I: Problem solving techniques and C programming		✓		• It emphasis solving problems using the language, and introduces standard programming techniques.
	Core II: Information Technology			✓	• To educate people about the tremendous impact of ethical issues in the successful and secure use of information technology. • To motivate people to recognize these issues when making business decisions; and to provide tools, approaches, and useful insights for making ethical decisions.
	Core X: Software Engineering			✓	• This can make the software engineer more conscious and aware of the ethical consequence of certain engineering decisions within the process. • The implementation of such an ethical framework can overcome the traditional contradiction between professional skills and ethical skills by proposing an approach to the fundamental tasks of the software development.
	Elective-I: E-Commerce		✓	✓	• E-commerce impacts individuals, societies, and political institutions. The impacts can be classified into four moral dimensions: property rights, information rights, governance, and public safety and welfare.
	Core IX: Data Mining and Warehousing		✓		• Data mining techniques are presented to explore and analyze environmental spatial-temporal data or help to design and operate better sustainable systems.
	Core XII: Python programming		✓		• It is a robust integration platform for Environmental Sciences work from data analysis to distributed

					computing, and graphical user interfaces to geographical information systems.
	Core XIII: Computer Networks			✓	• Computers are networked that is, they have the ability to link to other machines, usually to access data and other information held remotely. • The technical design of computer systems might appropriately be influenced by ethical issues.

HOD

PRINCIPAL