



Ready for  
Every Good Work

# SACRED HEART COLLEGE (AUTONOMOUS)

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A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

## Name of the Programme: M.Sc. Computer Science

S No	Title of the Paper	Course Code	Course Objectives	Course Outcomes	Relevance
1	TECHNICAL APTITUDE	MCS278S	<ul style="list-style-type: none"> <li>To impart knowledge on various basic principles involved in Computer science.</li> <li>To prepare the students for facing the technical interview questions</li> <li>To prepare the students for the placement</li> </ul>	<ul style="list-style-type: none"> <li>On successful completion of this Course, students will be able to</li> <li>Identify the important concepts and techniques in core subjects.</li> <li>Discuss the principles involved computer science subjects.</li> <li>Infer confident about the technical questions</li> <li>Analyze their skills by attending the quiz.</li> <li>Grade the students to build their career by studying the core concepts in Computer Subjects</li> <li>Evaluate the students' technical knowledge based on the performance of their quiz.</li> </ul>	local developmental needs

2	SOFTWARE PROJECT I & II	MCS476J	<ul style="list-style-type: none"> <li>• To examine fundamental XML technology</li> <li>• To understand the use of JSON</li> <li>• To gain an understanding about the role of web services in commercial applications</li> <li>• To learn the emerging standard protocols like SOAP, WSDL and UDDI.</li> <li>• To introduce the role of web services in CMS</li> </ul>	<ul style="list-style-type: none"> <li>• On completion of the course, students should be able to</li> <li>• CO1: Identifying the ability to work in one or more significant application domains</li> <li>• CO2: Understanding of software requirements and the SRS documents</li> <li>• CO3: Practice the role of professional ethics in successful software development</li> <li>• CO4: Analyze and apply information technology principles and practices to real-world solutions</li> <li>• CO5: Evaluate, the ability to develop, maintain an evaluate large scale software systems</li> <li>• CO6: Demonstrate an ability to use the techniques and tools</li> </ul>	local developmental needs
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3	SOFTWARE PROJECT I & II	MCS476J	<ul style="list-style-type: none"> <li>• To examine fundamental XML technology</li> <li>• To understand the use of JSON</li> <li>• To gain an understanding about the role of web services in commercial applications</li> <li>• To learn the emerging standard protocols like SOAP, WSDL and UDDI.</li> <li>• To introduce the role of web services in CMS</li> </ul>	<ul style="list-style-type: none"> <li>• On completion of the course, students should be able to</li> <li>• CO1: Identifying the ability to work in one or more significant application domains</li> <li>• CO2: Understanding of software requirements and the SRS documents</li> <li>• CO3: Practice the role of professional ethics in successful software development</li> <li>• CO4: Analyze and apply information technology principles and practices to real-world solutions</li> <li>• CO5: Evaluate, the ability to develop, maintain an evaluate large scale software systems</li> <li>• CO6: Demonstrate an ability to use the techniques and tools</li> </ul>	Local developmental needs
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