



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 (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

S No	Title of the Paper	Course Code	Course Objectives	Course Outcomes	Relevance
1	ELECTIVE – I: C. BUSINESS INTELLIGENCE	MCS174C	<ul style="list-style-type: none"> To introduce the idea of decision making in complex industrial and service environments To understand the science behind better predictions and decisions To generate an ability to design, analyze and perform experiments on real life problems using various Decision making methodologies. To Critically evaluate use of BI for supporting decision making in an organization. To Understand and use the technologies and tools that make up BI 	<ul style="list-style-type: none"> On successful completion of this Course, students will be able to Recognize the foundations, definitions, and capabilities of DSS, data analytics and BI. Summarize the impact of business reporting, information visualization, and dashboards. Explore data mining, neural networks, support vector machines, text analytics, text mining, sentiment analysis, web mining, web analytics, social analytics, and social network analysis. Infer the major ethical and legal issues of analytics. Review how analytics are powering consumer applications and creating a new opportunity for entrepreneurship for analytics. 	Regional developmental needs

Name of the Programme: M Sc. Computer Science

				<ul style="list-style-type: none"> Plan the implementation of a BI system. 	
2	ELECTIVE – IV: B. SOCIAL NETWORK ANALYSIS	MCS473B	<ul style="list-style-type: none"> To gain knowledge about the current web development and emergence of social web. To study about the modeling, aggregating and knowledge representation of semantic web. To appreciate the use of machine learning approaches for web content mining. To learn about the extraction and mining tools for social networks. To gain knowledge on web personalization and web visualization of social networks. 	<ul style="list-style-type: none"> On successful completion of this Course, students will be able to. Identify the current web development in the era of social web. Understand Model, aggregate and represent knowledge for semantic web. Apply machine learning approaches for web content mining. Classify design extraction and mining tools for social networks. Evaluate personalized web sites and visualization for social networks. Generalize the knowledge of current web development in the era of social web. 	Regional developmental needs