



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

Name of the Programme: PGDDS

1	Introduction to Data warehouse and Data Mining	CADD103	<ul style="list-style-type: none"> To learn about the basics of Data warehouse and data mining. To understand clustering and web mining. 	<ul style="list-style-type: none"> Remember, Understand and explain the fundamentals of Data Warehouse and Data Mining Apply the concepts of association mining, clustering classification and Regression Analyze and choose a suitable data mining task for a specific problem and support the choice of approach adopted. Compare and Correlate the results various data mining techniques for a specific problem. 	national and global developmental needs
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				<ul style="list-style-type: none"> • Identify and Apply real-world problems in business and scientific information using data mining techniques • Draft and Build statistical predictive models using various techniques such as neural networks, decision trees and logistic regression. 	
2	Introduction to Data Analytics	CADD201	<ul style="list-style-type: none"> • To learn the basics of Data Analytics. • To understand the Data Analytics Techniques. 	<ul style="list-style-type: none"> • Observe and Discuss the relevance of python in Data Analytics. • Recognize and Use the numpy package in python for data analytics. • Observe, Draft and Develop data Manipulation applications using pandas. 	national developmental needs

				<ul style="list-style-type: none">• Enumerate and Practice hierarchical indexing in pandas.• Devise and Create data visualization with MATPLOTLIB.• Identify and Integrate various components of python to perform data analytics.	
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