

# ST. THERESA COLLEGE

## B.Sc. Data Science with Artificial Intelligence

### SEMESTER - I

Code	Course Name	Category	Credits
79925-101	C Programming	Core	3
79925-102	Mathematics	Core	4
79925-103	Computer & Network Fundamentals	DSC	3
79925-104	Operating System	DSC	3
79925-105	English	AECC	2
79925-106	Lokmanya Tilak	Value Added	2
79925-107	Advanced Excel	SEC	2
79925-108	C Programming Lab	Core Lab	1

### SEMESTER - II

Code	Course Name	Category	Credits
79925-201	Python Programming	Core	3
79925-202	Statistics	Core	4
79925-203	Structured System Analysis	DSC	3
79925-204	Data Mining	Core	3
79925-205	Communication Skills	AECC	2
VAC211	Moral Values	Value Added	2
IKS24	Indian Knowledge System	IKS	2
79925-206	Python Lab	Core Lab	1

## SEMESTER - III

Code	Course Name	Category	Credits
79925-301	Advanced Web Designing	Core	3
79925-302	DBMS	Core	3
79925-303	Environmental Studies	Value Added	4
79925-304	Exploratory Data Analysis	DSC	2
79925-305	Lokmanya Tilak Visionary	Value Added	2
79925-306	Machine Learning Foundation	SEC	2
79925-307	Data Visualisation	DSC	2
79925-308	Advanced Web Lab	Core Lab	1
79925-309	Data Visualisation Lab	Core Lab	1

## SEMESTER - IV

Code	Course Name	Category	Credits
79925-401	Advanced DBMS	Core	3
79925-402	Java Programming	Core	3
79925-403	Power BI	Skill Enhancement	2
79925-404	UML	DSC	3
79925-405	Soft Skills	AECC	2
79925-406	Big Data Technologies	Interdisciplinary	3
79925-407	Java Lab	Core Lab	1
79925-408	Advanced DBMS Lab	Core Lab	1
79925-409	Indian Knowledge System	IKS	2

## SEMESTER - V

Code	Course Name	Category	Credits
79925-501	Machine Learning I	Core	3
79925-502	Natural Language Processing	Core	3
79925-503	Internet of Things	DSC	3
79925-504	Artificial Intelligence	DSC	3
79925-505	Business Communication	Interdisciplinary	3
79925-506	Business Forecasting / Digital Marketing	Multi-disciplinary	3
79925-508	ML Lab	Core Lab	1
79925-509	NLP Lab	Core Lab	1

## SEMESTER - VI

Code	Course Name	Category	Credits
79925-601	Machine Learning II	Core	3
79925-602	Deep Learning	Core	3
79925-603	Cloud Technology & Security	DSC	2
79925-604	Project	Core	6
79925-605	Internship	Internship	4
79925-606	ML II Lab	Lab	1
79925-607	Deep Learning Lab	Lab	1