

WithEffectivefromJune 2024

<p>Course Objectives- For M.Sc. Data Science Semester-I Programme</p>	<p>After successful completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> The primary objective of the M.Sc. in Data Science program is to develop skilled professional workforce that is prepared to address the increasing needs in the rapidly expanding area of big data analytics. The program aims to provide skills in quantitative data analysis, data mining, data modeling and prediction, data storage and management, machine learning, big data processing, data visualization, multimedia big data, programming and communication skills. Get familiaritywithaspects of Business Environment. <p>Value Added Course/ training and a large number of practical case studies have been integrated in the program to boost the learner confidence and market acceptability.</p>
<p>Programme Specific Outcome (PSO) - For M.Sc. Data Science Semester-1</p>	<p>After successful completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> Implement professional knowledge in setting up road map to be an entrepreneur and identify research areas. Ability to develop skills to address and solve social and environmental problem with ethics and perform multidisciplinary projects with advance technologies and tools. <p>Data Science Post Graduates are able to become leaders in the society with the help of advanced knowledge and skill, which can empower them to analyses, design, develop and implement their learning to develop the society.</p>

<p>ToPass</p>	<ol style="list-style-type: none"> At least 40% Marks in the External Examination in each paper. At least 40% Marks in the individual lead of passing or 33% marks in aggregate at the internal tests conducted by the Department.
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Course Type	Course Code	NameOf Course	Theory/ Practical	Credit	Exam Durati on In hrs	Componentof Marks		
						Int	Ext	Total
						Total	Total	Total
Core Course	PG01CMDS01	Programming in Python	T	4	3	30/12	70/28	100
	PG01CMDS02	Data Structures and Algorithms	T	4	3	30/12	70/28	100
	PG01CMDS03	Data Analysis using Office Tools	T	4	3	30/12	70/28	100
	PG01CMDS04	Principles of Data Science	T	4	3	30/12	70/28	100
	PG01CMDS05	Applied Mathematics	T	4	3	30/12	70/28	100
	PG01PMDS06	Practical's of Python and Advance Office Tools	P	5	3	30/12	70/28	100