

Course Details

TRIMESTER 1 - CORE COURSES					
COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
1PGDMDSA01	Fundamentals of Programming Using Python	3	50	50	100
1PGDMDSA02	Statistics for Data Science - I	3	50	50	100
1PGDMDSA03	Data Visualization Techniques - I	3	50	50	100
1PGDMDSA04	Relational Database Management Systems	3	50	50	100
1PGDMDSA05	Effective Business Communication	3	50	50	100
1PGDMDSA06	Perspective Management	3	50	50	100
1PGDMDSA07	Managerial Economic	3	50	50	100
1PGDMDSA08	Foundations of Data Science	2	50	50	100
1PGDMDSA09	Shell Scripting for Beginners	2	50	50	100
	Total credits	25		Total Marks	900

TRIMESTER 2 - CORE COURSES					
COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
2PGDMDSA01	Big Data Analytics using Hadoop -I	3	50	50	100
2PGDMDSA02	Statistics for Data Science - II	3	50	50	100
2PGDMDSA03	Data Visualization Techniques using Python	3	50	50	100
2PGDMDSA04	Data warehousing	3	50	50	100
2PGDMDSA05	Data Mining Techniques	3	50	50	100
2PGDMDSA06	Marketing Principles and Applications	3	50	50	100
2PGDMDSA07	Human Resource Management	3	50	50	100
2PGDMDSA08	Financial reporting & Analytics	3	50	50	100
2PGDMDSA09	Personal Competence and capability Building -I	1	50	**	50
	Total Credits	25		Total Marks	850

TRIMESTER 3 - CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
3PGDMDSA01	Big Data Analytics using Hadoop -II	3	50	50	100
3PGDMDSA02	Machine Learning using Python -1	3	50	50	100
3PGDMDSA03	Data Visualization Techniques Using Power BI	3	50	50	100
3PGDMDSA04	Big Data Analytics using Spark	3	50	50	100
3PGDMDSA05	Cloud Computing	3	50	50	100
3PGDMDSA06	Legal Aspects of IT Business	3	50	50	100
3PGDMDSA07	Corporate Finance	3	50	50	100
3PGDMDSA08	Research Methodology using R	3	50	50	100
3PGDMDSA09	Personal Competence and capability Building -II	1	50	**	50
	Total Credits	25		Total Marks	850

TRIMESTER 4 - CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
4PGDMDSA01	Corporate Interface through Summer Internship	6	100	100	200
4PGDMDSA02	Machine Learning Using Python -II	3	50	50	100
4PGDMDSA03	Data visualization Techniques using Tableau	3	50	50	100
4PGDMDSA04	NoSQL Databases	3	50	50	100
4PGDMDSA05	Neural Network Science	3	50	50	100
4PGDMDSA06	Operations Research	3	50	50	100
4PGDMDSA07	Entrepreneurship	2	50	50	100
4PGDMDSA08	Digital & Social Media Analytics	2	50	**	50
	Total Credits	25		Total Marks	850



TRIMESTER 5 - CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
5PGDMDSA01	Strategic Management	3	50	50	100
5PGDMDSA02	Natural Language Processing & Text Mining	3	50	50	100
5PGDMDSA03	Advanced Neural Network Science	3	50	50	100
5PGDMDSA04	Ethics and Data Governance for Data Science	3	50	50	100
5PGDMDSA05	Project Management using JIRA	3	50	50	100
5PGDMDSA06	AI for Business	3	50	50	100
5PGDMDSA07	Personal Competence and capability Building -III	2	50	**	50
5PGDMDSA08	HACKATHON	2	50	**	50
	Total Credits	22		Total Marks	700

TRIMESTER 6 - CORE COURSES

COURSE CODE	COURSE NAME	CREDIT	CEC	TERM END	TOTAL
6PGDMDSA01	Capstone Project	6	100	100	200
6PGDMDSA02	IPR	3	50	50	100
6PGDMDSA03	Internet of Things	3	50	50	100
	Total Credits	12		Total Marks	400