

MSc (DS) Part II Semester III

PROGRAM OUTCOMES

PO- 1: Students will acquire proficiency in the field of Data Science.

PO- 2: Students will upgrade and strengthen analytical and research skills.

PO- 3: Students will apply acquired knowledge, tools, techniques and ethics in the professional sphere.

PO- 4: Students will enhance employability skills for Industry and Academics.

Course name: Big Data Analytics

Course code: MDS301

No	Course Outcome	PO Mapping
CO1 (Remember)	The Learner will be able to identify various BDA related concepts and recognize the way it has grown.	PO1, PO2,PO4
CO2 (Understanding)	Learners will be able to understand various patterns hidden in the data set using Analytical Theory and Methods.	PO1, PO2,PO4
CO3 (Applying)	Learners will be able to apply various Analytical Tools and Algorithms to identify hidden patterns.	PO1,PO3, PO4
CO4 (Analysing)	Learners will be able to able to analyse and differentiate among different BDA Tools	PO1,PO2, PO4
CO5 (Evaluating)	Learners will be able to evaluate various Analytics Algorithms with demonstration.	PO1, PO2,PO3,P O4
CO6 (Creating)	Learners will able to create, store and retrieve unstructured data set using Hadoop and NoSQL	PO1, PO2,PO3,P O4

Course name: Data Science II

Course code: MDS302

No	Course Outcome	PO Mapping
CO1 (Remember)	Learners will be able to use various classification and prediction techniques using tools.	PO1, PO2
CO2 (Understanding)	Learners will be able to use to understand the functionality of the various data visualisation tools and techniques	PO1, PO2,PO3
CO3 (Applying)	To understand and apply the concepts of Mining of Object, Spatial, Multimedia, Text and Web Data.	PO3, PO4
CO4 (Analysing)	To study and analyse Visualisation of groups, trees, graphs, clusters, networks on data set.	PO2,PO3, PO4
CO5 (Evaluating)	To evaluate different forms of visual perception, visual representation of data	PO3,PO4
CO6 (Creating)	To create the different forms of visual mappings.	PO2,PO3,PO4

Course name: Data Visualization

Course code: MDS303

No	Course Outcome	PO Mapping
CO1 (Remember)	Learners will be able to use various	PO1, PO2

	classification and prediction techniques using tools.	
CO2 (Understanding)	Learners will be able to use to understand the functionality of the various data visualisation tools and techniques	PO1, PO2,PO3
CO3 (Applying)	To understand and apply the concepts of Mining of Object, Spatial, Multimedia, Text and Web Data.	PO3, PO4
CO4 (Analysing)	To study and analyse Visualisation of groups, trees, graphs, clusters, networks on data set.	PO2,PO3, PO4
CO5 (Evaluating)	To evaluate different forms of visual perception, visual representation of data	PO3,PO4
CO6 (Creating)	To create the different forms of visual mappings.	PO2,PO3,PO4