

Dr.Mahalingam College of Engineering and Technology, Pollachi – 642 003
Department of Information Technology

Special Interest Group - Data Science

Academic Year (2023-2024) (Till September 30, 2023)

S.No	Date	Activity Name
1	11.08.23	Data Collection, Analysis, algorithm selection
2	08.09.23	Management of Big data, Modeling, Visualization
3	29.09.23	Machine Learning, Deep Learning and Applications

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Data Science - DS

Academic Year (2022-2023)

S. No.	Date	Activity Name
1.	19.04.2023	Edge Computing
2.	12.04.2023	AI in Health care
3.	15.03.2023	Anomaly detection
4.	08.03.2023	Data Buzz 2.0
5.	01.03.2023	Classification and regression trees (CART)
6.	15.02.2023	Simple and multiple linear regression
7.	08.02.2023	Connection and data buzz 2.0
8.	01.02.2023	Data warehousing and data buzz
9.	24.11.2022	Project briefing(Demo)
10.	17.11.2022	Paper Presentation
11.	10.11.2022	Data Preprocessing
12.	03.11.2022	Database connectivity using Python
13.	27.10.2022	Data set collection and Preprocessing
14.	06.10.2022	Real Time Application of Data Science in recent year
15.	29.09.2022	Four Components of Data Science
16.	22.09.2022	Data Analytics and Predictive Modelling using Weka Tool
17.	15.09.2022	Project Demo in Data Science using Linear Regression
18.	01.09.2022	Data science Process lifecycle
19.	25.08.2022	Data science introduction & Project Overview
20.	18.08.2022	Data Science, Lifecycle. prerequisite, Data scientist process.
21.	11.08.2022	Orange Tool
22.	04.08.2022	Impact on AI in Data Science
23.	28.07.2022	Introduction to Pandas and Numpy libraries

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Academic Year (2021-2022)

S. No.	Date	Activity Name
1.	19.05.2022	Data Pre processing
2.	05.05.2022	Data Mining Techniques using WEKA
3.	28.04.2022	Jupyter Exhibition
4.	07.04.2022	Introduction to Pandas and Numpy libraries
5.	31.03.2022	WEKA Tool Introduction
6.	24.03.2022	Big Data Analytics
7.	17.03.2022	Data science in python using Jupyter Notebook
8.	12.03.2022	Quiz on Data Science and Machine Learning
9.	03.03.2022	Data Analytics-An Overview
10.	24.02.2022	Data Science Trends of 2022
11.	17.02.2022	DS –Introduction
12.	27.01.2022	Data Science Recent Trends Review by Interactive MCQs
13.	12.11.2021	Clustering
14.	29.10.2021	Project Demo
15.	22.10.2021	Data Science using R-Preprocessing and Data structure concepts
16.	12.10.2021	DS –Applications
17.	09.10.2021	Classification & Prediction
18.	14.08.2021	Data Science Applications
19.	07.08.2021	Data Preprocessing
20.	31.07.2021	Demo on Google Colab
21.	26.06.2021	Data Science applications & Techniques
22.	19.06.2021	Types of Graphical Plots

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Academic Year (2020-2021)

Online classes using MS Teams during the Covid Pandemic

S. No.	Date	Activity Name
1.	21.7.2020	Introduction to Data Science
2.	24.7.2020	Data Preprocessing
3.	28.7.2020	Weka Tool Demo
4.	05.08.2020	Classification with weka tool demo
5.	12.08.2020	Association with weka tool demo
6.	19.08.2020	Clustering with weka tool demo
7.	26.08.2020	Students Implementation(association/Classification/Clustering) using any real time data set using weka tool
8.	02.09.2020	R tool demo
9.	09.09.2020	Classification with R tool demo + Demo by students using weka tool
10.	23.09.2020	Clustering with R tool demo + Demo by students using weka tool
11.	30.09.2020	Association with R tool demo + Demo by students using weka tool
12.	20.01.2021	Introduction to R
13.	27.01.2021	Preprocessing datasets using R
14.	03.02.2021	Data Science using Python
15.	10.02.2021	Data Science using Clustering
16.	17.02.2021	Data Wrangling in Pandas
17.	24.02.2021	Cluster Analysis using R Tool
18.	03.03.2021	Prediction using Supervised learning algorithms
19.	10.03.2021	Data Mining Tools and its Applications in Social Media
20.	24.03.2021	Classification and other Data Mining Techniques
21.	31.03.2021	Basic Visualization using Tableau
22.	07.04.2021	Data science using R using real time dataset