


Workshop on Data Science using MATLAB.

Event Description:

This workshop on the topic “Data Science using MATLAB” was organized by the Dept. of Electronics & Communication Engineering, CUTM on 6TH May 2022 at 11:30 A.M.




Workshop on Data Science using MATLAB

Date: - 6th MAY 2022
(11.30 AM-2.00 PM IST)

Organized by :
Dept. of Electronics & Communication Engineering

Resource Person



Mr. Pickon Majumdar
Application Engineer
ELMAX SYSTEMS & SOLUTIONS

Coordinators :
Dr. Harish Chandra Mohanta
Associate Professor
Dept. of ECE, SoET, CUTM
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Anita Patra 

Dr. Anita Patra, Registrar, CUTM

Convener

A Report on Data Science using MATLAB Workshop

Timeframe: 120 minutes

Target Audience-Faculties and Students

Date and Time: 06.05.2022, 11.30 a.m. to 2.00 PM

Participants: 40

Resource Person:

1. Mr. Shubhrajyoti Moitra, **ELMAX Systems and Solutions**
2. Mr. Pickon Majumdar, **ELMAX Systems and Solutions**



Day1 , Session-1 :

**Leveraging MATLAB for
Academia & Research**

PICKON MAJUMDAR

Lead lecture on Academia and Research

Technical agenda of Data Science using MATLAB:

1. Introduction to Data Science
2. Working with different data & data visualization.
3. Exploratory data analysis.
4. Pre-processing of data, Transformation, feature engineering.
5. Concept of data warehousing and data mining.

6. Interpretation and Evaluation.
7. Classification of Data Mining methods.
8. Predictive modeling.
9. Supervised & Unsupervised Machine Learning.
10. Classification, Regression, Clustering .
11. Extraction and Association Analysis
12. Integration of Keras & TensorFlow library with MATLAB
13. Applications of Data Science in Medicine, Finance, Telecommunications, etc.
14. Computational Methods for Big Data Analysis.

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Faculties			
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Lists of Participants:

Sl.No	Name	Email	Department	Present/Absent
1	Jyotiprabha patra	212205120003@cutm.ac.in	Msc Physics	p
2	Khogeswarptanaik	20261710041@cutm.ac.in	Pharmacy	p
3	Sandeep kumar prusty	Sandeep090304@gmail.com	CSE	p
4	Debashis Tripathy	190301141006@Cutm.ac.in	Electrical	p
5	Abhijit Patra	200301150004@cutm.ac.in	EEE	p
6	Sudeep ta Banerjee	191208150018@cutm.ac.in	Mining	p
7	Deepak kumar singh	190301130002@cutm.ac.in	B.tech (ECE)	p
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40	Pankaj Kumar Mandal	pankajkmandal2645@gmail.com	mechanical	p

Anita Patra



Dr. Anita Patra, Registrar, CUTM

[Handwritten Signature]



Convener