Date: 20/06/2020

Department of Computer Science & Engineering

A One-Day Workshop on

"DATA SCIENCE APPROACH FOR
ENGINEERING APPLICATIONS"

Submitted by: Dr.K.Saravanan , Asso.Prof, CSE

Resource Person: Mr. **Sathishkumar.M.V**,

Cyber security Consultant,

HCL Technologies – Chennai.

Attended: B.Tech–CSE Students, Internal faculty members, External faculty members.

The Department of Computer Science & Engineering of **Madanapalle Institute of Technology & Science** organized a one day Workshop on "DATA SCIENCE APPROACH FOR ENGINEERING APPLICATIONS"for Students of B.Tech - Computer Science & Engineering& Faculty members on 15.06.2020.

Dr.Y.Yuvaraj,Principal,MITS inaugurated the workshop. He delivered a motivational speech to the students and explained that these kinds of workshops are beneficial for their upcoming placements and technicalknowledge and advise them to make use of this workshop to gain the additional knowledge.

Dr.R.Kalpana, Professor & Head, Disseminated the Vision, Mission, PEO's, PO's & PSO's of the department of Computer Science & Engineering to the students, faculties and resource person.

Dr.R.Kalpana, Professor & Head, Department of Computer Science & Engineering addressed the participants about the importance of learning data science platform and how it will be useful for them interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from noisy, structured and unstructured data, and apply knowledge from data across a broad range of application domains

Mr.Sathishkumar.M.V, Resource person, in his key note address advised the students to think and apply the knowledge on Data Science platform. He also encouraged all the participants to inculcate the habit of lifelong learning.

The following topics were covered in the Data Science Approach for Engineering Applications workshop:

- ❖ Introduction to Data Science
- ❖ Big Data Challenges
- ❖ Data Science Vs Software Engineeering
- ❖ Data Science Application
  - InSearch Engines
  - In Transport
  - In Finance
  - In E-Commerce
  - In Health Care
  - In Image Recognition
  - Targeting Recommendation
  - Airline Routing Planning
  - Data Science in Gaming
  - Medical and Drug Development
  - In Delivery Logistics
  - Autocomplete

Students were also taught how to work with various platforms & modules. The participants learnt the ideas and applications of various modules on Data Science platform.

Dr. K.Saravanan , Associate Professor,Department of Computer Science & Engineering gave vote of thanks to **Mr. Sathishkumar.M.V,** Cyber security Consultant, , HCL Technologies – Chennai.

The session concluded with an interactive session by the speaker with the participants. The students and other participants felt the workshop was very useful and they gained knowledge in data science platform.