

WORKSHOP REPORT ON –“DATA ANALYTICS”

DATE- 20th Nov 2023

An interactive one day session on **Data Analytics**, was organised in our college on 20th November 2023. This two hour event was successfully conducted by Rohit Pahwa, Data Scientist and Analyst of one of the most leading IT Training Institute, DUCAT. He is a B.Tech (Mechanical Engineering) -2013 pass out and has conducted many sessions and workshops across different universities. The session was conducted in the college seminar hall with over 200 students from CSE- Branch of morning and evening shifts.

Mr. Rohit started his speech with a brief introduction to various career opportunities in Technical Field such as Cyber security, Cloud Computing, Web Developer, Data Analyst etc.. . Further, he described Data Analytics by initially questioning the students. According to him, Data Analyst is a person who gathers and interprets data to solve a specific problem. It can be used to analyze customer behavior, optimize marketing campaigns, improve supply chain management, enhance product development, identify fraud, and improve overall business performance. Furthermore, he made us clear about what actually machine learning is by giving precise definition and included that one should have prior knowledge and hands on one of the languages out of Python or R in order to carry out with Machine Learning or Data Science. With further proceed in the event, Mr. Rohit moved to a very unified, scalable platform tool of Microsoft which is Power BI. To make his so far interesting speech more engrossing, He unfolded a story of one of his students who was called to Mumbai based on his skills of Power Bi that was reflected in his LinkedIn profile. It was quite prompting for us. In addition to it, he illustrated numerous fields where Artificial Intelligence or Machine Learning models come into existence for instance, chat gpt, recommendation systems, weather forecasting, face recognition, defence sector and so forth.

Before concluding, He elucidated some of the coding steps in python such as how to import libraries, bring in data within python from csv or other files, how to depict data or their comparisons using histogram and much more.. . This was very informative for us. In the end, there was a doubt session which was open to all. Overall it was an incredibly valuable interactive workshop.