

Report

A 5- Day short term training from (11th - 18th November 2020) programme was successfully conducted by Dr. Amit Jain (A.P. Department of CSE), Prof. Sachin Bagga (A.P. Department of IT). Major contents which have been covered in this STTP were What, Why, where used, Scope, Components, Sub-classes, various tools ,Principles, applications, trends, and pertinent issues of Artificial Intelligence, Machine Learning, and Data Science, Data Visualization and Analytics, Machine Learning and Data Science to a diverse range of operations, Hands-on sessions using MATLAB, Tableau . This STTP will help the students in providing them a quick, clear understanding of the information, with graphic representations, students can visualize large volumes of data in an understandable and coherent way, which in turn will help them in comprehending the information and draw conclusions and insights. This will help students to save time and let them solve their complex data analytics more efficiently. Data storytelling using visualization will allow students to develop a new business language so that they can easily create a narrative through graphics and diagrams, through which, they can uncover new insights and engage others. Data Science is one of the fastest growing fields in India and MATLAB comes with a very ease of learning. In this STTP, the programming language developed by MathWorks i.e. MATLAB was covered, which is a suitable platform for predictive analysis and is easy to implement new features. Also, MATLAB is very adaptive to data science and is widely applied in a range of industries from finance, energy and medical devices to industrial automation, automotive and aerospace in various functions for business-critical applications.



Dr. Amit Jain



Prof. Sachin Bagga