

WORKSHOP ON “DATA SCIENCE AND MACHINE LEARNING WITH PYTHON”
ORGANIZED AT SHAIKH COLLEGE OF ENGINEERING & TECHNOLOGY



Shaikh College of Engineering & Technology organized two day workshop on Data Science and Machine Learning with python at the college premises recently. The guest speaker on this occasion was Prof. Sadanand Pamadi and Prof. Praveen Hongal, Co-Founder of Mitras IT Solutions, Hubli. The objective of the event was to provide the students in depth knowledge of the various libraries and packages required to perform data analysis, data visualization, web scraping, machine learning and natural language processing using python.

Prof Sadanand Pamadi explained about the fundamentals of Data Science, Machine Learning and different types of Machine Learning algorithms. He also highlighted on different tools available in python which will help the students to start their own projects. he further stated that machine learning is type of artificial intelligence that allows software applications to become more accurate in predicting outcomes without being explicitly programmed. He also gave details about how data science is related to machine learning concepts with performance factors and importance of regression.

Prof. Praveen Hongal highlighted on the exploratory data analysis to generate hypothesis and intuition, prediction based on statistical method such as regression and classification, communication of results through

visualization and summaries. He further explained about types of testing, machine learning stages, evaluation of learning systems etc.

The event was then followed by valedictory function. Dr. S.C. Mali, Principal, Shaikh College of Engineering & Technology explained the students about the importance of the hands on workshop and the role of Data Science in cutting edge technology. The event was coordinated by Prof. Vishwanath Ghali. The event concluded with vote of thanks proposed by Dr. Shivleela Arlimath.