



**Report on Online Workshop
On Data Science: Statistical Approach
Organized by Department of Mechanical Engineering
In association with Industry Institute Interaction Cell (IIIC), MITS
on 3rd March 2022**



Submitted by: Dr. Ram Krishna, Associate Dean (IIIC), MITS

The Department of Mechanical Engineering and Industry Institute Interaction Cell (IIIC), Madanapalle Institute of Technology and Science, organized an online workshop on Data Science—Statistical Approach.

Resource Person: Dr YVK Ravi Kumar, Associate Professor, (Off Campus), BITS Pilani, Hyderabad.

Venue: Auditorium

The programme started with an introduction to the audience about the importance of conducting such an event on emerging technologies by Dr. M. Lakshmana Rao, HOD, Mechanical Engineering. The resource person, Dr. YKV Ravi Kumar, was introduced to the audience by Dr. Ram Krishna.

The resource person started the presentation with a quote from H.G. Wells: "Statistical thinking will be one day as necessary for efficient citizenship as the ability to read and write." He focused on the fundamentals of statistics, including mode, median, mean correlation, regression, and presentation, mostly on probabilistic approaches, statistical analysis, and handling different types of data (quantitative and qualitative) with applications in customer analytics, human capital productivity analytics, business productivity analytics, sales channel analytics, supply chain analytics, and behavior analytics. Overall, the workshop was highly skill-oriented in analyzing a range of data for visualization. Finally, after a question-and-answer session.

Dr. M. Lakshmana Rao Professor and Head of the Department gave thanks to the resource person and the audience for making the event successful by attending in such a large number. A total of 457 students and 6 faculty members from the Mechanical and MBA departments attended the programme.