

**NMIMS Hyderabad FDP Series**

**7<sup>th</sup> Faculty Development Program On  
"Time Series Analysis Using R"**

**(24<sup>th</sup> Sep 2021, 5 PM – 6.30 PM on Zoom Platform)**

**Instructor: Dr. VengalRao Pachava**

**TOPICS COVERED:**

- A. Introduction to Time Series Data
- B. Uni-Variate Time Series Models Development by Using ARIMA in R
- C. Model Selection

**LEARNING OBJECTIVES:**

- A. Understand Time Series Data
- B. Application of Univariate Time Series Data using R
- C. Able to select best forecasting model using ARIMA

**LEARNING OUTCOMES:**

- A. Ability to evaluate the characteristics of time series data
- B. Work on a variety of models using ARIMA in R.
- C. Capable of identifying the optimal forecasting model for time series data