

## **Report**

### **Title of the FDP: Five Day National Faculty Development Programme on R for Business Analytics from Basics**

**On**

**27-07-2020 to 31-07-2020 (5 Days).**

#### **Funding Details of the Workshop: Funding from Participants Registrations**

Aiming to provide an intense of tool at Under Graduate, Post Graduate Level, Research Scholars and Faculty of different Colleges, a “**Five Day National Faculty Development Programme on R for Business Analytics from Basics**’ held during 27-07-2020 to 31-07-2020 (5 Days) at Tara Government College, Sangareddy, organized by Department of Computer Science through Online Mode (ZOOM). Total 110 participants attended the workshop. For this Faculty Development Programme One (01) Resource Person are invited.

#### **Resource Person:**

**Dr. S. Ajitha**

**Assistant Professor**

**ITM Business School**

**11/D-14 Sipcot IT Park**

**Siruseri, Chennai.**

#### **Report of the Workshop:**

The Faculty Development Programme is started on 27<sup>th</sup> July 2020 at 11:00 am FDP Director our college principal speaking on the occasion Faculty Development Programme. After that speech Convener of the FDP Dr.S.Nagaprasad, Faculty of Computer Science and Applications given brief introduction about Five Day FDP.

27<sup>th</sup> July 2020 to 31<sup>st</sup> July 2020:

Topics Covered in the FDP

Day 1 - Introduction to R for Analytics

Day 2 - Installation and setup of R, Data types, Vectors, Sorting, vector arithmetic

Day 3 - Data import, Exploration and Manipulation in R

Day 4 - Indexing, Data Wrangling, Plots and Macros in R

Day 5- Modelling in R Topic:

**Outcome of the FDP:**

- ❖ The objectives are to provide the faculty with an understanding of R Programming Language and Statistics.
- ❖ The learning outcomes include being able to identify R is a programming language and environment commonly used in statistical computing, data analytics and scientific research.
- ❖ It is one of the most popular languages used by statisticians, data analysts, researchers and marketers to retrieve, clean, analyze, visualize and present data.