



Integral University, Lucknow
One Week Faculty Development Programme on
“R Programming”
(11-15 May 2020)



**SPOKEN
TUTORIAL**

Organized by
Department of Computer Application
in association with
Spoken Tutorial, IIT Bombay
Under the aegis of
Human Resource Development Centre (HRDC)

Brief Report

The outbreak of COVID19 pandemic throughout the globe has caused extreme distress to the students/faculty members and is a setback to academic activities. In this moment of crisis, UGC, AICTE and MHRD have endeavored to leverage digital access for continuation of the academic activities by online mechanisms.

Human Resource Development Centre (HRDC) and Department of Computer Application, Integral University has taken this outbreak as an opportunity to create an online platform for the faculty members to enhance their knowledge while staying safe at their homes. A One week online Faculty Development Programme on “**R Programming**”, in association with **Spoken Tutorial, IIT Bombay**, Mumbai, was organized from 11 May -15 May 2020 during this COVID-19 outbreak.

Spoken Tutorial is an initiative of **IIT Bombay** under **Pandit Madan Mohan Malviya National Mission on Education through ICT** by the Ministry of Human Resource Development, Government of India to promote IT literacy through Open Source Software. The FDP was self paced, and required approximately 4-6 hours of active engagement per day.

R is an open source software - a well-organized and sophisticated package - that facilitates data analysis, modeling, inferential testing and forecasting. It is user friendly software which allows creating new function commands to solve statistical problems. It runs on a variety of UNIX platforms (and similar systems such as LINUX), Windows and Mac OS. The participants learned the basics of R Language and its implementation in data analysis and forecasting.

Key Highlights of FDP

- Total **262 participants** across the globe participated and benefited.
- Faculty members from academic institutions of **Iran, Afghanistan, Nigeria, Oman, Dubai and Saudi Arabia** registered themselves for the FDP and got benefitted.

- From India, participants from various reputed academic institutions like **Aligarh Muslim University, Integral University, IIIT Ongle, VIT Vellore, University of Mumbai, IIT Roorkee, Deccan School of Pharmacy-Hyderabad, KLG Gogte Institute of Technology Bangalore, University of Allahabad, BBAU-Lucknow, Indira Gandhi National Tribe University-Madhya Pradesh** registered and successfully completed the one week faculty development program.

This Faculty Development Programme (FDP) fulfilled its prime objective to bring the faculties of different engineering, science and allied subjects onto one platform and to provide hands-on practice sessions on **R**. The online FDP was very well coordinated and managed by Mentor, Dr Mohammad Faisal and Coordinators Dr. Tasneem Ahmed, Mrs. Halima Sadia and Ms Nashra Javed.

Human Resource Development Centre, Integral University is committed to provide a learning platform for active learners during this pandemic and even after.

Stay Safe.....Happy Learning.....

***Dr. Syed Aqeel Ahmad
Director
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