ABOUT THE INSTITUTE

With its phenomenal and enriching presence for more than two decades, ISIM is a pioneer in the field of Management and IT education, delivering value to its stakeholders. Ranked amongst the top Management and IT institutions by Rajasthan Technical University and accredited 'A' by NAAC, ISIM believes in bringing a change in the society by imparting quality education.

The institute has been consecutively ranked first in the category "A" for the academic sessions 2017-2018, 2018-19 and 2019-2020 by Rajasthan Technical University, Kota, for its MBA and MCA programs on the basis of Quality Index Value (QIV) score. It has also been ranked first in category "A" for its MBA program in 2020-21, 2021-22 & is placed in category "A" in 2020-21, 2021-22 for its MCA Programme.

The institute has also been able to achieve distinguished ranks among all the institutions in India, in the surveys conducted by agencies such as CSR-GHRDC, Indian Management and Business world.

A total of 24 batches of MBA and 23 of MCA have successfully graduated and are well placed at senior management positions in National & International organizations. ISIMites engage themselves energetically and enthusiastically in various academic, co-curricular and research activities.

At ISIM, the students are nurtured and trained for success. The institution has sustainable good practices in teaching, learning and evaluation to achieve academic excellence. The course design and pedagogy equip the students to lead diverse organizations in a cross-continental environment. Innovative pedagogy, qualified and experienced faculty, structured industry interface and a state-of-the art fully integrated campus, contribute immensely towards making the students future-ready professionals.

Address for Correspondence
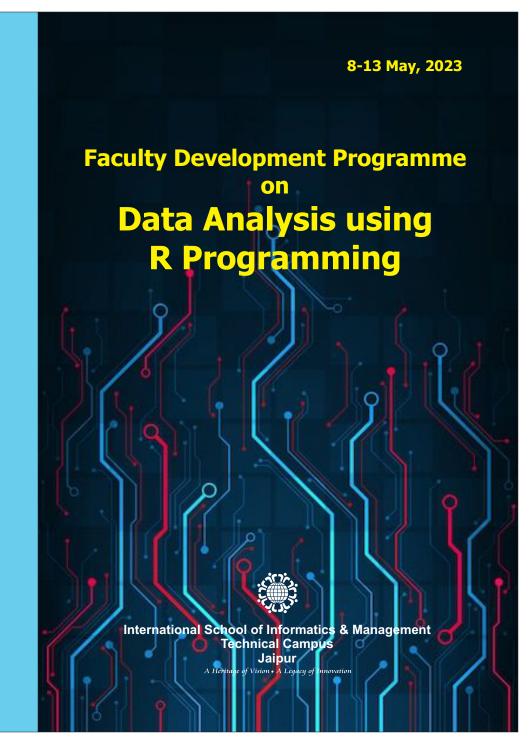**International School of Informatics & Management** Technical Campus
(Formerly India International Institute of Management)
Sector-12, Mahaveer Marg,
Mansarovar,
Jaipur - 302020, Rajasthan, India
Tel.:+91-141-2781154/55
Telefax: +91-141-2781158
Email: iiim@icfia.org
Web :www.icfia.org

A Heritage of Vision ● *A Legacy of Innovation*

8-13 May, 2023

Faculty Development Programme on
Data Analysis using R Programming

International School of Informatics & Management
Technical Campus
Jaipur
A Heritage of Vision ● A Legacy of Innovation

Data Analysis has become an essential part of everyday life and merged as a critical component of modern business intelligence in recent years. Data Scientists have a number of option to analyze data using statistical methods. One of the most convenient and powerful methods is to use the R Programming language. This course will help you to learn how to tackle data analysis problems using the powerful open source language R. Participants will able to understand how data is created, stored, accessed and how the organization works with data and creates the environment in which analytics can flourish. What you will learn in this course will give you a strong foundation in all the areas that support analytics. Participants will also learn how to compute various statistical measures, create meaningful data visualizations, R models to predict expected future outcomes.

Advancements in science and technology has made application of data science and analytics essential for all the disciplines. One of the most common tools used for data analytics is 'R' programming language. To enhance the knowledge and skills of faculty members on data and text analysis. This FDP is specially designed for faculty members of IT and management department. The FDP is aimed at enhancing the skill set of Faculty, Researchers, IT professionals and Scientists of R & D labs. It aims to enable them to do data and text analysis effectively and also enhance their ability to analyse large data sets from social web sites.

Objectives:
Introduction of data Analytics, Machine Learning and its Real life applications.
Understanding of Statistics and R Programming which will help the participants to carry out various analytical studies

Program Features:
The program is split into lectures and labs/hands on sessions.
Hands-on experience on basic & advanced level topics.
Interaction & learning with experts from academia & industry

Focus area covered in the FDP were:
Introduction to R, Variables, Numbers, Strings, Lists, Tuples, Dictionary, Sets, Operators, Functions and Regular Expressions.
Working with Data, Splitting Data, Data analytics workflow, machine Learning Algorithms, Linear Regression, logistic regression, Decision tree/random forest, Support Vector machine, KNN, ML Algorithms, Other aspects of data Analytics.
Assignment/Mini project based on Data Analytics.

Who can Attend:
Program is open to Faculty members/research scholars, PG students from Colleges, Universities & Industrial Personnel working in the concerned/allied discipline.

Resource Persons :
Major Rishi Agarwal
Director,
Technoglobe World

Tushar Sood
Technical Project Manager,
Appcino

Patron:
Dr. Ashok Gupta
Director

Convener:
Dr. Manju Nair
Principal

Co-Convener:
Dr. Kavaldeep Dixit, Vice Principal
Dr. Swati V. Chande, HOD, Computer Science

Co-ordinators:
Dr. Vijay Gupta
Dr. Preeti Tiwari

Schedule and venue/date:
Venue: Auditorium/ 8-13 May, 2023

Organizing Committee:
Dr. Bhumija Chouhan
Dr. Poornima Mathur
Ms. Osheen Modi