

TEQIP III APPROVED SHORT TERM COURSE
on
PREDICTIVE ANALYTICS USING R

17 – 21 June 2019

Organized by



Department of Management Studies
Indian Institute of Technology Roorkee
Roorkee - 247667

Venue

IIT Roorkee

Course Coordinator

Dr. Gaurav Dixit

SHORT TERM COURSE ON “PREDICTIVE ANALYTICS USING R”
(Department of Management Studies, IIT Roorkee)

1. Introduction

Gartner's 2016 CIO agenda report finds Analytics as the topmost priority area for global CIOs. Analytics has now been the top trending focus area for the fifth consecutive year. Core of a typical analytics solution is built around predictive analytics. Predictive analytics is crucial to power the data asset into a unique resource which is the last remaining point of differentiation. An organization's ability to realize the business value of the data asset and lead in the market place will be largely determined by its ability to effectively formulate its business strategy, identify relevant analytics challenges and find solutions thereof. Managing, hiring, nurturing, and retaining the right analytical talent and embracing data driven culture for making business decisions is going to be the key for future success.

2. Objectives

This course aims to help the participants to build a strong foundation on predictive analytics. It will enable the participants to learn, design and build analytics solutions to solve business problems and improve decision making. The program will also help participants to understand various issues, challenges, and best practices in implementing analytics solutions in organizations.

3. Course contents

- Module I: Introduction to Predictive Analytics and Modeling Process (Supplementary)
- Module II: Introduction to R and Basic Statistics
- Module III: Data Preparation and Exploration
- Module IV: Performance Metrics and Assessment
- Module V: Supervised Learning Methods
- Module VI: Unsupervised Learning Methods

4. Deliverables

Project work: predictive analytics modeling using real-life dataset.

5. Faculty

Highly learned and experienced faculty members of IIT Roorkee and, invited guest faculty members and experts from premium institutions will deliver lectures.

6. Who can participate?

TEQIP III approved university/institution/college faculties.

7. Course Fee

No course fee shall be charged from faculty of TEQIP III approved Universities/Institutions/Colleges. TA and DA of the participants will be borne by their parent institute.

8. Accommodation

Lodging and boarding will be provided to the participants on twin-sharing basis.
Lodging and Boarding is free for faculty of TEQIP III approved colleges.

9. How to apply

To apply for this course, please fill the Google form:
<https://goo.gl/forms/A40tOrCtnhGuOYL12>

8. Important dates

Last date for receiving application: 10th June 2019.

Last day of Intimation to Participants (by email): 15th June 2019

Course Dates: 17 – 21st June 2019

10. Contact Information

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For course related queries please contact:

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