Short Term Weekend Course

On

Introduction to R Programming and Data Analytics

Nov 7th – Nov 27th, 2020 | Venue- Online

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Organized

by

Vinod Gupta School of Management

Indian Institute of Technology Kharagpur

Kharagpur 721302

INDIA

INTRODUCTION

With the advancement of computational technology, analytics has become an inevitable part of business. For gaining competitive advantage through data driven decision making, managers should be able to marry raw data with business acumen. In this program, we will try to do the same. The program is targeted to create data analysts and introductory data scientists with focus on managerial applications of analytics.

OBJECTIVES OF THIS COURSE

- This programme will teach the participants hands on usage of R programming
- It will also teach the participants data analytics skills and its applications in read world situations
- The programme will help the participants use the acquired skills in solving assignments which will mimic real case studies.

KEY FEATURES

- Learn from IIT Kharagpur faculty and industry leaders
- Weekend program (Starting from 7th November 2020)
- 15 hours interactive training
- Certificate from VGSOM and IIT Kharagpur, Continuing Education Program

COURSE CONTENTS

SLNO	Topics	Teaching Sessions
1	Introduction to Data Analytics, Data Handling with R	3 hrs
2	More Data Handling with R	3 hrs
3	Introduction to probability and statistics, distributions	3 hrs
4	Hypothesis Testing with R Programing	3 hrs
5	Regression with R	3 hrs

COURSE SCHEDULE

We will have up to 6 hour session every weekends (Saturday 3 hours and Sunday 3 hours). We will share the exact schedule closer to the date of the course.

PEDAGOGY

The methods consist of lecture sessions, hands-on-exercises, discussion on cases and live problems.

Academicians with proven knowledge, Industrial experience, and demonstrable and related areas will deliver lectures and analyze case studies.

Follow up Course in December 2020: Data Analytics with R Programming

TARGET PARTICIPANTS

Category-1 (Students): At least 1st year B.Tech undergraduate pass out.

Category-2 (Others): Teachers / Scientific Officers / Instructors / Technical Assistants / Persons from Industries.

APPLICATION AND FEE

For Category 1 – INR 6000 (including 18% GST)

For Category 2 – INR 8000 (including 18% GST)

Program Fee is non-refundable, non-transferable under any circumstances

For offline registration and scholarships please contact the course coordinator

The course fee includes course materials only.

The course fee can be paid in the following ways:
- Candidates should apply online : https://erp.iitkgp.ac.in/CEP/courses.htm
- Please find the course in the page and apply. Candidates should pay their course fees online through **online payment gateway.**
- **For difficulty in paying online fees, please contact the Dr. Swagato Chatterjee whose contact details are given below.**

Important Dates

Last date of application– 1st November, 2020

COURSE COORDINATORS AND ADDRESS FOR COMMUNICATION

Course coordinator

Dr. Swagato Chatterjee
Assistant Professor (Marketing)
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