

PAYMENT METHOD

Host Country Participants:

Bank Details:

Account Name: Islamic University of Technology
Account number: 4018-085407-430
AB Bank Ltd.

International participants:

Bank Details:

Account Name: Islamic University of Technology
FCAD Account No. 4004 -099724-030
AB Bank Ltd.
Motijheel Branch, 8, Rajuk Avenue, Dhaka, Bangladesh.
Tel: 9563011-5, 9556077, 9555586
SWIFT CODE: ABBLBDDH 004

VISA REQUIREMENTS

Rules of the Government of Bangladesh will be applied for visa processing to enter into Bangladesh. For further inquiry, visit

<http://www.iutoic-dhaka.edu/>
Email: protocol@iut-dhaka.edu



REGISTRATION



CHIEF PATRON

Dr. Omar Jah
Acting Vice-Chancellor, IUT

RESOURCE PERSONS

Prof. Dr. Md. Siddiqur Rahman
Chairman, Department of Statistics,
Jagannath University.

Dr. Md. Abul Kalam Azad
Assistant Professor, BTM, IUT

COURSE OFFICIALS

Prof. Dr. Md. Anayet Ullah Patwari
Head, BTM Department, IUT

Dr. Md. Abul Kalam Azad
Assistant Professor, BTM Department, IUT

Naznin Akther
Assistant Professor, BTM Department, IUT

Shobnom Munira
Course Coordinator
Lecturer, BTM Department, IUT

Md. Abdullah Al Mamun
Lecturer, BTM Department, IUT

CONTACT

All enquiries concerning this course should be addressed to the Course Coordinator:

Shobnom Munira, Lecturer, BTM, IUT
Board Bazar, Gazipur, Bangladesh
E-mail: shobnom@iut-dhaka.edu
Tel: +880-2-9291254 ext. 3292
FAX: +880-2-9291260



SHORT COURSE ON BUSINESS ANALYSIS WITH R

11-14 NOVEMBER 2019

Organised By

**Business and Technology Management
Department (BTM)**

**Islamic University of Technology (IUT)
Organisation of Islamic Cooperation (OIC)**



Board Bazar, Gazipur-1704
Dhaka, Bangladesh



www.iutoic-dhaka.edu

INTRODUCTION

Islamic University of Technology (IUT) is a subsidiary organ of the Organisation of Islamic Cooperation (OIC). The University is situated at Board Bazar, Gazipur, Dhaka, Bangladesh. The Principal objective of the university is to develop human resources, particularly in different branches of science, engineering, business and technical education to support social and economic growth of the member states of the OIC. The university, has the responsibility to promote business and technical cooperation, disseminate knowledge and technical know-how to all member states. Besides the regular academic programs, IUT offers short courses, seminars and workshops as part of its statutory obligations with the objective of assisting the Member States of OIC in developing human resources in the area of science, business and technologies.

COURSE OBJECTIVES

- To enable the learners to write basic programs and deal with all types of statistical business data.
- To turn a learner into a data surgeon who will be able to examine, filter, transform and visualize datasets for optimization of the business policy.
- To provide a solid foundation in R for dynamic solution of business analysis.



IMPORTANT DATES

Registration Deadline:	<u>October 20, 2019</u>
Registration Confirmation:	<u>By October 25, 2019</u>
Registration Fees Payment:	<u>By October 31, 2019</u>
Accommodation Request:	<u>By November 04, 2019</u>

COURSE OUTLINE

The key topics to be covered:

- Introduction to R Tutorial
- Loops, Functions, Strings, Vectors, Lists, Matrices, Arrays, Factors for business data.
- R-Packages and Data Reshaping
- R-Data Inferences
- R-Charts and Graphs
- Descriptive Statistics Analysis
- Variation, Linear Regression, Multiple Linear Regression, Logistic Regression
- Analysis of Covariance
- Non-linear Least Square
- Decision Tree
- Random Forest
- Survival Analysis
- Chi-square Test
- Examining Business Efficiency using R

MEDIUM OF INSTRUCTION

The medium of instruction is English.

NUMBER OF PARTICIPANTS

The maximum number of participants is 40.

VENUE AND ACCOMODATION

The short course will be held in the premises of IUT campus at Board Bazar, Gazipur, Bangladesh. Accommodation will be arranged upon necessity and availability. The necessity of the accommodation should be informed to the course coordinator by **November 04, 2019**

REGISTRATION PROCEDURE

Online Registration and Nomination

The interested participants need to fill the Online Registration Form available at the IUT website

http://www.iutoic-dhaka.edu/short_course

and submit it by **October 20, 2019**. Participants need to fill the Nomination Form available at the IUT website and get it approved by the respective authority of the home institution. The scanned copy of the filled up nomination form should be attached with the Online Registration Form. The selected participants will be notified via email by **October 25, 2019**.

REGISTRATION FEES

Host Country Participants: Tk. 5,000/= (Five Thousand BDT), Non-refundable.

International participants: US\$ 200/= (Two Hundred US dollar), Non-refundable.

For all the participants, the university will provide course materials and hospitality which include food and accommodation (upon necessity and availability) at IUT.

After getting confirmation, participants have to pay the registration fee and send the scanned copy of the receipt via email by **October 31, 2019**. The original copy of the receipt will be collected on the spot.