

2-DAY WORKSHOP ON **DATA ANALYTICS & MACHINE LEARNING** With R Using STATCRAFT 19th & 20th August 2019

ABOUT THE INSTITUTE

The Institute of Business Management (IBM), affiliated to Jadavpur University and approved by AICTE is a product of the century old National Council of Education, Bengal, born out of the freedom movement and established on 11th March, 1905.

Besides founding Jadavpur University in 1955 under an act passed in the State Assembly, National Council of Education, Bengal established an educational complex comprising of Jadavpur Vidyapith (1957) covering Nursery to Higher Secondary education, Jadavpur Vidyapith College of Education (1969), offering B.Ed. degree under Jadavpur University and the Institute of Business Management offering MBA of Jadavpur University (1984). IBM has been working with the industry and academia for developing new domains of managerial thought and education and contributing to building leaders in today's global business environment.

Institute of Business Management has been offering over the last three decades quality MBA programme, both for working executives as well as for freshers in a student-friendly ambience through case based interactive learning sessions by highly competent and experienced faculty members drawn from industry and academia. Students of the institute have the options of specializing in Marketing, Systems, Human Resources, Project and Finance.

More details about the Institute can be had from our website at <http://ibmnce.in/web/>.

Registration Fees

INR 1,000/- per participant.

Organizing committee

IQAC of the Institute

Important Dates

Last date of registration: 16th August 2019

Programme dates: 19th & 20th August 2019

For Registration Forms, please visit:

<http://ibmnce.in/web/>

Payment Details

For NEFT:

Bank: United Bank of India

Branch: Jadavpur Vidyapith Branch

Account No. : 0103050010003

IFSC: UTBI0JDVF51 (The fifth character from the left is "zero") MICR Code : 700027247

For Demand Draft: The Demand Draft should be drawn in favour of "NCE BENGAL, A/C I.B.M." payable at Kolkata.

Coordinating Persons:

Prof. Rajib Bhattacharya Ph: 7890020573 Email: bh.rajib@gmail.com

Prof. Ashish Dutta Ph: 7003086637 Email: systems.ju@gmail.com

Workshop on Data Analytics with R using STATCRAFT

DAY - 1	
TIMING	CONTENT
10:30 am - 11:45 am	<ul style="list-style-type: none"> • Introduction to R • Basic Operations • Different types of variables in R • Vectors • Arithmetic Operations on Vectors • Matrix and Data Frame
Tea Break (11:45 am – 12:00 pm)	
12:00 pm - 1:30 pm	<ul style="list-style-type: none"> • Packages and Libraries in R • Importing and Exporting Datasets in R • Descriptive Statistics using R • Graphical Representation using R • Correlation using R • Linear Regression Using R
Lunch Break (1:30 pm – 2:30 pm)	
2:30 pm – 3:30 pm	<ul style="list-style-type: none"> • Introduction to STATCRAFT • Importing and Exporting datasets in STATCRAFT • Data Preparation (Derive, Recode, Lead/Lag, Flag, Imputing Missing Values) • Data Filtering in STATCRAFT
Tea Break (3:30 pm – 3:45 pm)	
3:45 pm – 5:00 pm	<ul style="list-style-type: none"> • Graphical Representation using STATCRAFT • Correlation using STATCRAFT
DAY - 2	
10:30 am- 11.45 am	<ul style="list-style-type: none"> • ANOVA using R • t-test using R • Chi Square using R • Logistic Regression using R
Tea Break (11:45 am – 12:00 pm)	
12:00 pm - 1:30 pm	<ul style="list-style-type: none"> • Linear Regression using STATCRAFT • ANOVA using STATCRAFT • t-test using STATCRAFT
Lunch Break (1:30 pm – 2:30 pm)	
2:30 pm – 3:30 pm	<ul style="list-style-type: none"> • Logistic Regression using STATCRAFT • Chi Square using STATCRAFT
3:30 pm – 5:00 pm	<ul style="list-style-type: none"> • ANN using STATCRAFT • CART using STATCRAFT