

PROGRAMME SCHEDULE

- Introduction to Data science and Business Analytics
- Introduction to R
- Elementary programming in R
- Data pruning, cleaning and visualizing
- Performing elementary statistical tests (univariate and bivariate) using R
- OLS regression, polynomial regression, LASSO regression, Logistic regression
- Decision trees
- Data clustering
- Data reduction and visual analytics
- Optimization techniques
- Econometrics techniques
- Market basket analysis
- Text analytics

CONTACT ADDRESS

Coordinator, National Workshop on
"NATIONAL WORKSHOP ON
DATA SCIENCE AND BUSINESS ANALYTICS"
School of Management Studies
National Institute of Technology Calicut
Calicut, N.I.T. Campus P.O., Pin. 673601.
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IMPORTANT DATES

Last date for advance registration : Jan 31st 2016

ELIGIBILITY

This is an interdisciplinary programme. Participants from Industry and Academia, Students, Researchers in any of Arts/Science/Engineering/ Management stream and having interest in the area are eligible to apply. Participants should be familiar with MS Excel to attend the Data Analysis using R sessions and also have personal laptop while attending the workshop.

REGISTRATION FEE

Participants from other institutes: Rs. 5000/-

Participants from NITC: Rs. 2000/-

Registration fee includes workshop kit, Refreshments, and working lunch. The registration fee should be deposited directly to the SBI-NITC Branch in the Account No. 33039655507, SBI, NITC BRANCH. IFSC: SBIN0002207 In favor of 'COORDINATOR. MRM' either DIRECT / ONLINE / RTGS / NEFT. The registration fee can also be remitted through Demand Draft drawn in favour of Coordinator MRM Payable at SBI NITC Branch (code: 2207)

HOW TO APPLY?

Registration form can be downloaded from the institute website.. The filled in registration form should reach the Coordinator on or before 31-01-2016 along with the DIRECT / ONLINE payment receipt of the registration fee.

SELECTION

Selection will be on first-come-first-served basis and will be intimated through e-mail. Number of participants is limited to 30. All further communications will be through e-mail.

ACCOMMODATION

Boarding and lodging will be provided in the guest rooms of the institute hostel with a nominal payment basis for those who opt for the same in advance.

KEY RESOURCE PERSON

Dr Animesh Acharjee: He is an Investigator Scientist (Data Analysis) in University of Cambridge, UK. He has worked in the field of data science and High dimensional data analysis for past 8 years using different machine learning algorithms such as Support vector machine (SVM), Random Forest (RF) etc.; multivariate (regularized) regression and classification methods such as ridge regression, LASSO, elastic net, sparse PLS to discover novel relationships from data set. Prior to joining University of Cambridge he was working as a Scientist in BASF, Belgium and Statistician in Synergie Lyon Cancer Center, France. He is a B.Tech in Electrical Engineering and PhD in Data Analysis and Machine learning from Wageningen University, Netherlands. Dr. Animesh has also received training in Judge Business School, Cambridge , Stanford University, Technische Universität.

Other resource persons from NIT Calicut and IIMK will also deliver sessions in the workshop.

SCHOOL OF MANAGEMENT STUDIES
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
NIT Campus P.O., CALICUT - 673601. Kerala, India

NATIONAL WORKSHOP ON "APPLIED DATA SCIENCE AND BUSINESS ANALYTICS USING R"

04th -09th March 2016



Coordinator
Dr. R. Sridharan
Dr. K. Muhammad Shafi



Organised by
SCHOOL OF MANAGEMENT STUDIES
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NIT Campus P.O., CALICUT - 673601. Kerala, India

