



National Institute of Technology Tiruchirappalli – 620 015

Department of Computer Applications

Two Day Workshop on
“R Programming Language”
(16/10/2015 & 17/10/2015)



R is a complete, interactive object-oriented language designed by statisticians for statisticians. Objects, operators and functions of R help in exploring, modeling, and visualizing data naturally. Being open-source, it is freely usable and allows for integration with other applications. As a Community, R has included more than 20 leading statisticians and computer scientists, thereby packages being added are extensively used by more than 2 million users globally. Norman Matloff highlights that R is useful for archaeologists for tracking the spread of ancient civilizations, for drug companies to discover which medications are safe and effective, and actuaries for assessing financial risks and keep economies running smoothly.

R in industries and research

Google uses R for ROI calculation on advertising campaigns, Twitter for monitoring user experience, Ford for improving design of its vehicles, The New York Times for creating infographics and interactive data journalism applications, Firefox for web activity visualization (Ref : <http://www.revolutionanalytics.com/companies-using-r>) etc. As data intensive applications are emerging more, there is good demand for people having R language skills in the industries.

Workshop Objectives & Coverage

Workshop will cover topics on :

- What is R?
- Why R?
- Statistical Computing in R
- Visualization
- Analysis
- Significant Packages in R.

Sessions will be handled by academicians and industry people with Hands-on-training apart from lectures. Workshop is open to faculty and students of academic institutions and interested persons.

Registration

Registration Fee : Rs.1200/- (includes 20% institute overheads).

Registration fee must be paid by DD in favour of

“The Director, NIT, Tiruchirappalli-620015” and payable at SBI, NIT, Tiruchirappalli.

(Registration fee includes Working lunch, Tea and snacks in morning and evening)

For participants

Kindly fill the registration form and send by post along with DD to the following address :

RPL Workshop

Dr.S.R.Balasundaram

Dept. of Computer Applications

NIT Trichy-620 015

Coordinators

Dr.B.Ramadoss, Professor, Dept. of CA

Dr.S.R.Balasundaram, Associate Professor, Dept. of CA

Contact:

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9994291420

Important Dates

Date of Submission of Registration Form : 12/10/2015

Date of Intimation of Selection : 13/10/2015

Dates of Workshop : 16/10/2015 and
17/10/2015



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Registration Form

1. Name:

2. Date of Birth:

3. Designation:

4. Institution:

5. Address for correspondence:

[Affix Photo]

Phone:

E-mail:

6. Educational qualifications:

7. Experience (in years) :
(For faculty)

8. Demand Draft Details:

DD. No. :
Bank :
Date :

Date:

Signature

SPONSORSHIP CERTIFICATE

Dr./Mr./Mrs./Ms.----- is an employee/student of our institute and is hereby sponsored to participate in the Two Day Workshop on R Programming Language.

Place: Signature of Head of Institute

Date: (With Seal)