

## ABOUT THE INSTITUTION

Rathnavel Subramaniam Educational Trust was established in 1983 as a public charitable Trust in memory of Master Rathnavel Subramaniam, the elder son of the Chairman Vijayashree Dr.K.V.Kupusamy and Smt. K.Padmavathy. It was started with the objectives to create facilities for education, health care and upliftment of the poor and the downtrodden. Today RVS Education Trust has reached its goal as one of the leading educational organizations of our country. Totally 130 Educational and other institutions.

RVS Technical Campus - Coimbatore was established in 2009. It is approved by AICTE as an integrated campus and affiliated to the Anna University, Chennai. The colleges offer UG (MECH, ECE, AUTO, MCS, CIVIL, CSE & AGRI) and PG (ME & MBA) Courses. It intends to be the preeminent research and teaching institution linking the people of our institution to the nation and the world by providing quality, carrier focused education and world class specifications.



The department was started in the year 2009 and it has grown excellently in academic and research work. At present 12 energetic and dedicated faculty members in many diverse areas of mathematics. The department also supports all the engineering departments by offering core and advance courses in mathematics at the undergraduate and post graduate level over a number of semesters.

## ABOUT THE WORKSHOP

R is a language and environment for statistical computing and graphics. R is an integrated suite of software facilities for data manipulation, calculation and graphical display. It is a GNU project which is similar to the S language and environment which was developed at Bell Laboratories by John Chambers and colleagues.

R is designed around a true computer language, and it allows users to add additional functionality by defining new functions. Much of the system is itself written in the R dialect of S, which makes it easy for users to follow the algorithmic choices made. For computationally-intensive tasks, C, C++ and Fortran code can be linked and called at run time. Advanced users can write C code to manipulate R objects directly.

Many users think of R as a statistics system. We prefer to think of it of an

environment within which statistical techniques are implemented. R can be extended (easily) via packages.

R has its own LaTeX-like documentation format, which is used to supply comprehensive documentation, both on-line in a number of formats and in hardcopy.

The workshop is intended to provide hands on experience on R. It includes Descriptive Statistics, Drawing graphs, Probability, Estimating unknown quantities from a sample, Hypothesis testing, Categorical data analysis, ANOVA, Regression, Bayesian Statistics, Presentation using R markdown.

## IMPORTANT DATES

**Last date for Registration: 07.03.2016**

**Notification of Confirmation:09.03.2016**

- **No Spot Registration & Registration is restricted to 60 participants only.**
- **The registration is based on First Come First Serve basis.**

## REGISTRATION

Registration is compulsory for all the delegates. The Registration fee includes workshop kit, software, refreshment and lunch.

Delegates from Industry and others : Rs. 750

Delegates from Academic Institution: Rs. 500

Research Scholar / PG Students : Rs. 400

**Registration fee is payable through DD in favour of " The Director, RVS Technical Campus - Coimbatore" Payable at Coimbatore - 641402.**

## LOCATION

The Coimbatore city is well connected with all principal cities of India by road, rail and air. The multitude Institution is located in Trichy road (NH 67), Sulur, about 20 kms from the city.

**'R' – Software Manual will be provided for all the Participants.**

ONE DAY WORKSHOP ON

# 'R' SOFTWARE

(Hands on Training)

11.03.2016

REGISTRATION FORM

Name : \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

PIN Code : \_\_\_\_\_

Phone : \_\_\_\_\_

E-mail : \_\_\_\_\_

Payment Details:

Amount: \_\_\_\_\_

DD No./Date : \_\_\_\_\_

Name of Bank & Branch \_\_\_\_\_

Date: \_\_\_\_\_ Signature

Note: Xerox copies of this form also can be used for Registration

## CHIEF PATRON

**Vijayasree. Dr. K.V. Kupusamy**

Chairman

RVS Educational Trust

## PATRON

**Shri. Dr. K. Senthil Ganesh**

MBA.,(USA), M.Sc., (UK), Ph.D

Managing Trustee

RVS Educational Trust

## CHAIRMAN

**Dr. Y. Robinson**

Director

RVS Technical Campus-Coimbatore

## CONVENER

**Dr. R. Parimelazhagan**

Professor & Head

Department of Science & Humanities

RVS Technical Campus-Coimbatore

## ORGANIZING SECRETARIES

Ms. V. Kowsalya

Ms. M. Vijayalakshmi

## COMMITTEE MEMBERS

Ms. N. Jayalakshmi

Ms. M. Vallimalar

Mr. S. Vimalkumar

Ms. N. Mohanapriya

Ms. S. Delbin Prema

Ms. P. Rajeswari

Ms. J. Vennila

Ms. V. Jeyalakshmi

## RESOURCE PERSONS

**Dr. V. Parthiban**

Assistant Professor

School of Advanced Sciences(SAS)

Vellore Institute of Technology

Chennai Campus

Chennai-600 127

**Dr. R. Parimelazhagan**

Professor & Head

Department of Science & Humanities

RVS Technical Campus-Coimbatore

**Dr. M. Venkatachalam**

Assistant Professor

Department of Science & Humanities

RVS Technical Campus-Coimbatore

## ADDRESS FOR COMMUNICATION

The Convener

Department of Science & Humanities

RVS Technical Campus-Coimbatore

Kannampalayam Post

Coimbatore - 641 402

Phone: 0422-2681123, 24

Mobile : 9894380792

E-mail : [rvssoft16@gmail.com](mailto:rvssoft16@gmail.com)



ONE DAY WORKSHOP ON

# 'R' SOFTWARE



(Hands on Training)

11.03.2016



*Organized by*  
DEPARTMENT OF SCIENCE

AND HUMANITIES

(MATHEMATICS)

RVS TECHNICAL CAMPUS-  
COIMBATORE  
KUMARANKOTTAM CAMPUS,  
KANNAMPALAYAM,  
COIMBATORE - 641 402