

PATRON

Dr.P. KARVANNAN, Secretary
Dr.P. GANESAN, Correspondent
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Dr.M. SEKAR, M.E. Ph.D., (S.Korea) FIE.
Principal

CONVENER

Dr.R. SENTHIL KUMAR, M.Sc., M.Phil., Ph.D.
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ADDRESS FOR COMMUNICATION

The Coordinator,
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Email : aaamathssoftware@gmail.com

For more information about the
workshop visit our college Website:
@[https://www.aaaenggcoll.ac.in/
workshop-on-data-analytics-using-
r-software/](https://www.aaaenggcoll.ac.in/workshop-on-data-analytics-using-r-software/)

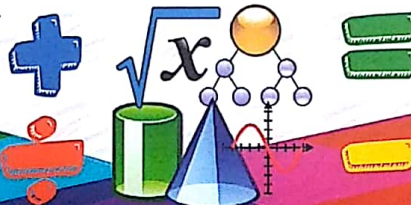
ABOUT OUR COLLEGE

AAA College of Engineering and Technology, Sivakasi is one among the renowned colleges for technical education in the Crackers City. It is branded for its quality education, promoted by Sony - Vinayaga Group of Industries. Aspire, Attain, Achieve is its motto. The college is managed by Panjurajan - Amaravathy Trust located at Thiruthangal, Virudhunagar District. Our college has been fortunate to have the guidance of proficient management members with foresight and for reaching vision to inculcate innovation and completeness among students in all aspects. Shri.P Panjurajan, Dr.P.Karvannan, Dr.P.Ganesan & Mr.K.Vignesh Kumar, B.E., M.B.A., (U.K) serve as the Chairman, Secretary, Correspondent and Joint Secretary of the college respectively. Dr.M.Sekar, M.E., Ph.D., (S.Korea)FIE. Principal is instrumental in the planned growth of the institution.

AAA College of Engineering and Technology provides Spacious Class Rooms, Tutorial Halls, Well-Furnished Hostel for Boys and Girls and Established Lab Facilities.

ABOUT THE HOST DEPARTMENT

The Department of Mathematics has been structured in terms of well experienced faculties. One Faculty has Doctorate and conducted an International Conference. The Department encourages the students and faculty members to participate in various co-curricular and extracurricular activities. Every year the Department organizes various Workshops, Guest Lectures and Value Added Courses for the welfare of the students. The Department motivates the students to do innovative projects in Industry and to attend many Seminars, Workshops and so on.



AAA College of Engineering and Technology Two Day NATIONAL Level Technical WorkShop on

"Data Analytics
Using
R-Software"

15.11.2018 & 16.11.2018

Convener
Dr.R. SENTHIL KUMAR,
Assistant Professor

Co-Ordinators
Mr.S. CHANDRABOSE, AP/Maths
Mr.E. KALIDOSS, AP/Maths
Mr.M. THIRUPATHI, AP/Maths

Organized by:
**Department of Mathematics
AAA College of Engineering
and Technology,
Kamarajar Educational Road,
SIVAKASI.**

AAACollege of Engineering and Technology
Department of Mathematics

Two Day

NATIONAL

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on

"Data Analytics Using R-Software"

15.11.2018 & 16.11.2018

Registration Form

Name: _____

Designation: _____

Organization: _____

Institutional Address: _____

Mobile : _____

Email : _____

Payment Details :

Demand Draft No:

Date:

Bank Name:

Branch:

Place:

Date:

Signature of the
applicantSignature of the Sponsoring
Authority with office seal**RESOURCE PERSONS**

- **Dr.S. AZARUDHEEN**
CHRIST University, Bangalore.
- **Dr. JANAKIRAMAN**
P.E.S. Institute of Medical Science &
Research, Andhra Pradesh.

ELIGIBILITY

Faculty Members, Research Scholars, Industry Persons, Postgraduate and Undergraduate Students of Computer Science, Electronics, Electricals, Mechtronics, Mechanical and Civil Engineering.

BOARDING & LODGING

Lunch will be provided for all participants. Accommodation will be provided on request of participants at a nominal cost.

REGISTRATION FEE

- ❖ Filled in e-registration form should be submitted to aaamathsrsoftware@gmail.com.
- ❖ Registration fee may be paid through Demand Draft in favor of "AAA College of Engineering and Technology" payable at Sivakasi for the amount of
 - i) Faculty / Scholars Rs. 750/-.
 - ii) UG and PG Students Rs. 500/

IMPORTANT DATES

Starting Date for application	10.10.2018
Last date for receipt of application	22.10.2018
Intimation of selection	24.10.2018

ABOUT THE WORKSHOP

The workshop is arranged with the objective of providing a platform for acquiring the knowledge on R programming. R is a programming language and software environment for statistical computing and graphical reporting. The R language is widely used among statisticians, mathematicians and data scientists for data analysis. In this workshop, the participants will get an overview of the R Studio interface, basic R syntax and best programming practices. Extensive hands on exercises will be given on how to clean, manipulate, export data, using logic, loops and functions in R

The participants will gain skills required for successful career in predictive analytics, including the ability to analyze large data sets and to develop modeling solutions to support decision making.

TOPICS TO BE COVERED

- ❖ Introduction to Data analytics and Data science
- ❖ Introduction to R programming and R studio
- ❖ Reading Data sets, Data sub setting and Data transformation
- ❖ Descriptive analysis and hypothesis testing I & hypothesis testing II
- ❖ R plots
- ❖ Correlation, Regression & Model fitting
- ❖ Application of Data analytics in clinical trials
- ❖ Simulation and code profiling

Math