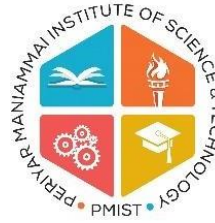


**Department of Mathematics &
Department of Software Engineering**
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MANIAMMAI**
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ONE WEEK WORKSHOP ON STATISTICAL TOOLS IN RESEARCH METHODOLOGY

7th to 12th January 2019

Organized by

Department of Mathematics & Department of Software Engineering

Report

Department of Mathematics & Department of Software Engineering jointly organized oneweek workshop on “Statistical Tools in Research Methodology” from 07.01.2019 to 12.01.2019. About 47 members including Faculty members and Research Scholars from various Departments participated in the workshop. Four resource persons were invited from various reputed institutions and one in house resource person shared their statistical methodologies and tools involved in analyzing data. All the sessions provided many inputs for using SPSS and R packages. All the participants enthusiastically attended the workshop and suggested to organize such useful programmes in future.

Total Number of Participants:49

In house Participants:48

Outside Participants: 01

Resource Person Details:

Dr. RAMAKRISHNAN RAMACHANDRAN

Scientist G(Retd.)

National Institute of Epidemiology,

Chennai, India

Visiting faculty, Central University, Tamil Nadu

Email: drramakrishnan.nie@gmail.com

Dr. M.BALASUBRAMANIAN

PG and Research Department of Statistics,

Periyar E.V.R. Collge, Tiruchirappalli, Tamilnadu – 620 023.

Dr. B. SENTHILKUMAR

PG and Research Department of Statistics,

Periyar E.V.R. Collge, Tiruchirappalli, Tamilnadu – 620 023.

Dr. S. BHARATHIDASS

PG and Research Department of Statistics,
Periyar E.V.R. Collge, Tiruchirappalli, Tamilnadu – 620 023.

Dr.R.ARUMUGAM

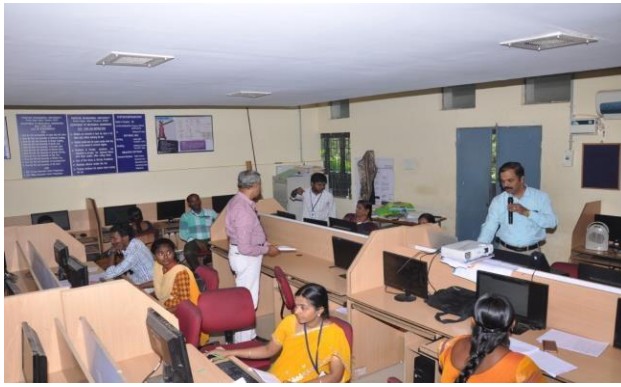
Department of Software Engineering,
PMIST, Thanjavur, Tamilnadu – 613 403.

Feedback from the participants:

- Excellent feedback from the participants for organizing such useful workshop
- Participants got motivated to do their research using the tools and Research methodology using SPSS and R

Photos





Brochure

One Week Workshop on Statistical Tools in Research Methodology
7th to 12th January 2019

Registration Form

Name : _____

Qualification : _____

Designation : _____

Department : _____

Organization : _____

Mailing Address : _____

Mobile No : _____

E-Mail : _____

Accommodation : Needed / Not Needed

Registration Fee : Rs. 1500/-

Draft Number : _____

Bank / Branch : _____

(DD should be drawn in favour of "The Registrar, Periyar Maniammai Institute of Science and Technology, Vallam Thanjavur).

Place : _____

Date : _____

Signature of the Participant

Advisory Committee :
Dr.S.Velusami, Vice-Chancellor
Dr.S.A.Dhanaraj, Registrar
Dr.P.K.Srividhya, Dean /Academics
Dr.S.Devadoss, CEO / TBI
Dr.A.George, Dean / FHSM
Dr.K.Lakshmi, Dean / FCSE
Dr.S.Kumaran, Dean / Research

Coordinators :
Dr.A.Sasikala, Asso.Professor & Head Mathematics
Dr.R.Arumugam, AP/Software Engg.

Organising Committee :
Dr.C.Vimala, Asso.Professor, Mathematics
Dr.PVijayalakshmi, Asso.Professor, Mathematics
Dr.P.Aruna, AP/ Software Engg.
Dr.P.N.Sudha, AP/ Mathematics
Ms.D.Christy Sujatha, AP/ Software Engg.
Mr.M.Chandrakumar Peter, AP/ Software Engg.
Ms.J.Jayanthi, AP/ Mathematics
Ms.N.Anusha, AP/ Mathematics
Ms.K.Rajeswari, AP/ Mathematics
Ms.K.Meena, AP/ Software Engg.
Ms.R.Vanitha, AP/ Software Engg.
Ms.S.Manjula, AP/ Software Engg.
Mr.D.Maghesh kumar, AP/ Software Engg.

For further details Contact
Dr.R.Arumugam, AP/Software Engg.
 Periyar Maniammai Institute of Science & Technology, Vallam,Thanjavur - 613403
 Mobile : 9003976747
 Email:mathworkshop2018@gmail.com



One Week Workshop on Statistical Tools in Research Methodology

Date & Venue
07.01.2019 to 12.01.2019
Richard Dawkins Hall



Organised by
Department of Mathematics & Department of Software Engineering
Periyar Maniammai Institute of Science and Technology
 Vallam - Thanjavur - 613403

About PMIST

Periyar Maniammai Institute of Science & Technology (PMIST) has its organizational root from Periyar Maniammai College for Technology for Women, the very first engineering college in the world exclusively for the women. Established during 1988, bearing the names of two great social reformers; E.V.Ramasamy widely respected as "Thanthai Periyar" and his philanthropic wife Annai Maniammai. PMIST has revolutionized women's education especially the Higher Studies in Science and Technology.

PMIST has grown over the years in leaps and bounds encompassing almost every sphere of technology which were once the domains exclusively for the males. With effect from August 17, 2007, it attained the status of Deemed to be University, under section 3 of UGC act 1956. It paved way for initiating co-education, attracting both boys and girls. The PMIST is situated in a land area encompassing 216 acres. It has been excelling not only in the class room courses but also in the areas of Research and Sponsored Projects providing an ample opportunity for experimenting the learned concepts and aspects.

Today PMIST is offering 35 regular programme in UG & PG streams along with M.Phil and Ph.D Programme in 11 and 20 disciplines respectively under 4 Faculty. In addition, there are 10 centres catering to the needs of Research, Automation, Entrepreneurship development and also the Social needs under Institutional Social Responsibility. All these are matched with adequate infrastructure and logistical support systems such as sufficient hostels for boys and girls, transports, canteen and Hospital facilities. All these made PMIST as one of the most sought after institution in the region.

About Dept.of Maths

The Mathematics department of the PMIST as already a part of the erstwhile college grew in full strength with 12 well - qualified teaching staff at present. The faculty members of the department have rich experience in the academics and research. The department is offering B.Sc, M.Sc, M.Phil and Ph.D programme in Mathematics.

The department regularly organizes workshops, seminars and Conferences to enlighten the academic community. Research Area includes Algebra, Graph Theory, Category theory (Groups and Graphs), Fuzzy set, Matrix Theory, Inventory Control, Number Theory and Stochastic Processes.

About Dept. of Software Engineering

The Software Engineering department was started in the year 2001. The department offers M.Sc Software Engineering (5 year integrated course) and B.Sc Animation & Multimedia. The department is well equipped with the state of art computing, studios and internet facilities. Well-qualified and experienced faculty members are adding strength to the department. The department faculty members are currently doing research in various domains like data analytics, image processing, mobile adhoc networks and data mining.

About The Workshop

To provide updated knowledge in the recent developments in statistical techniques that will be useful in research methodology.

Registration Fee

Faculty, Research Scholar and R&D, Industry personnel - Rs.1500/-
Registration Fee includes Lunch and Refreshment. If accommodation is needed, kindly contact the coordinator of the workshop.
 All payment should be made through DD in favour of The Registrar, Periyar Maniammai Institute of Science & Technology (PMIST), Vallam, Thanjavur 613403

Important Dates

Last date for Registration : 05.01.2019

Themes to be covered

- Research Methodology and its types
- Research Design
- Steps in Analyzing data with SPSS
- Descriptive Analysis using SPSS
- Probability Distribution: Binomial, Poisson and Normal Distribution
- Plotting of charts, fitting of distribution
- Correlation and Regression using SPSS
- Testing of Hypothesis : Parametric and Non-parametric test using SPSS
- Multivariate Analysis: Factor Analysis
- Multivariate Analysis: Cluster Analysis
- Data Analysis using R: Descriptive Analysis
- Data Analysis using R: Correlation and Regression
- Data Analysis using R: Parametric Test

Resource Persons

Dr. R. Ramakrishnan, Scientist G, Deputy Director (Rtd), National Institute of Epidemiology (ICMR), Chennai
Dr. S. Bharathidass, Department of Statistics, Periyar E.V.R. College (Autonomous), Trichy
Dr. M. Balasubramanian, Department of Statistics, Periyar E.V.R. College (Autonomous), Trichy
Dr. B. Senthikumar, Department of Statistics, Periyar E.V.R. College (Autonomous), Trichy
Dr.R. Arumugam, Department of Statistics, Periyar Maniammai Institute of Science & Technology