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Mr. P. Gudan (Data Superintendent)

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Prof. R. Ramanan, Chennai, India  
Dr. D. Senthilkumar, PSG College of Arts & Science, Coimbatore, India  
Dr. S. Rita, Periyar University, Salem, India

### Registration

The workshop is open to researchers, teachers and colleagues of all Universities in India, Abroad and also interested participants from Industry.

### Registration fee

Academician	: Rs. 1000
Research Scholars (Outstation)	: Rs. 500
Research Scholars (Local)	: Rs. 250
Students (Local)	: Rs. 100

The registration fees include food and workshop materials. Accommodation can only be provided to limited participants on nominal charges in the University Guest House. Participants may send a **DD drawn in favour of the Registrar, Annamalai University, payable at Annamalai Nagar - 608 002**. Registration fee are waived for the Faculty Members and Research Scholars of the Department of Statistics, Annamalai University, Annamalai Nagar - 608 002. For further details visit our website: [www.annamalaiuniversity.ac.in](http://www.annamalaiuniversity.ac.in)

The registration form, along with the fee, may be sent to:

### Dr. R. Elangovan

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Organizing Secretary & Coordinator UGC - SAP - DRS I  
Annamalai University, Annamalai Nagar, Tamilnadu, India - 608 002,  
Cell: 9443665846; Email: [ntspqcr2019@gmail.com](mailto:ntspqcr2019@gmail.com)



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**ANNAMALAI UNIVERSITY**

(Accredited with 'A' Grade by NAAC)

**UGC-SAP-DRS I Sponsored National Workshop on**

**New Trends on Stochastic Processes,  
SQC & Reliability using R Programming**

**(NTSPQCR 2019)**

**11<sup>th</sup> and 12<sup>th</sup> July 2019**



**Annamalai University**  
90<sup>th</sup> Anniversary Celebrations

**Celebrating 90th Year Anniversary**

**Organized by**

**DEPARTMENT OF STATISTICS**

**(DST-FIST & UGC-SAP SPONSORED)**



**ANNAMALAINAGAR - 608 002  
TAMILNADU, INDIA**

## ABOUT THE UNIVERSITY

In the early 1920s Rajah Sir S.R.M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institutions for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). One of the most significant later developments is the enactment of the Annamalai University Act 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2018" by the Ministry of Human Resource Development (MHRD), has ranked the University in the band 101-150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 20<sup>th</sup> in India. In the Medical Category the ranking is 24<sup>th</sup>. "The Times Higher Education World University Ranking 2019" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking 2019, the University is ranked in the band of 501-600 for Life Sciences and Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences subject. "The QS World University Ranking- 2019" has ranked Annamalai University in the band of 291 - 300 in Asia Ranking, 174 in the BRICS Ranking and 43 in India Ranking. "The CWTS Leiden Ranking 2018", on scientific impact of Universities and on Universities' involvement in scientific collaboration & scientific performance, has ranked the University at 20<sup>th</sup> based on the number of publications and 4<sup>th</sup> based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "The MDRA - India Today Ranking" (2018) has ranked Annamalai University 13<sup>th</sup> among the best Government Universities in India. Among the top 197 ranked institutions for Higher Education in India the "SCImago Institutional ranking 2018") has ranked Annamalai University as 7<sup>th</sup> in Tamil Nadu and 32<sup>nd</sup> in India. Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

## ABOUT THE DEPARTMENT

The Department of Statistics was started in the year 1956. The Post Graduate and Research programme were introduced in the next year. Over the years the infrastructure in the department and the faculty strength grew appreciably due to the University funds and grants from the UGC. Currently the department has two Post Graduate Programmes, namely Two years M.Sc (CBCS) and Five years M.Sc (Integrated) Programmes. The department also conducts Two Post Graduate Diploma programmes in the Directorate of Distance Education. The Department also helps sister departments by handling a variety of statistics courses for them and also in helping them in the analysis of data of their research students. The department has a good library and a good computer lab with necessary softwares. The faculty strength is 11. The department has produced more than 200 M.Phil's

and 43 Ph.D's over a period of two decades. Research has been carried out in the area of Stochastic Processes and its Applications, Bayesian Inference, Reliability Theory and Survival Analysis, Bio Statistics, Statistical Quality Control, Human Resource Planning, Statistical Inference, Inventory Control, Queuing Theory, etc.,.

## LOCATION AND TRANSPORTATION

Annamalai University is located in the University town of Annamalai Nagar which is about 2 kms to the east of the famous temple town Chidambaram. Chidambaram is situated about 240 kms south of Chennai and 160 kms east of Trichy. Train and Bus facilities are available from Chennai and Trichy to reach Chidambaram. The nearest Airports are at Chennai and Trichy. Chidambaram is well connected by road and train with the rest of Tamilnadu.

## ABOUT CHIDAMBARAM

Chidambaram town is a temple city. It is a famous holy place located in South India. It is one among the 'Panja Pootha Shetras' (Agasasthalam) and is known as 'Boologa Kailas'. Everybody wishes to see the temple and a lot of pilgrims visit every day to pray to Lord Nataraja, Lord Sivakamasundari and Lord Govindaraja. This is the only temple in Asia where both Lord Siva and Lord Vishnu are worshiped in one place.

## ABOUT THE WORKSHOP

The Department of Statistics is organising a two days National workshop on New Trends on Stochastic Processes, SQC, & Reliability Using R Programming on 11<sup>th</sup> & 12<sup>th</sup> July 2019. The workshop also aims to provide a joint platform for interaction at a higher level of Ph.D. students, young researchers with established senior researchers and people working in various area.

### Two plenary lectures of ninety minutes for two days

- Four short courses (tutorial type sessions, comprising of eight session of 60 minutes each spread over two days, by an eminent senior research on a frontline research area.
- Invited review type lectures, of 45 minutes each, on two different frontline research area by established senior researchers.
- Lectures of 30 minutes by young researchers.

### Call for papers

A few speakers are going to be selected for delivering lectures of 45 minutes duration on their original unpublished work in the front line thrust areas. Interested persons may submit a draft of their proposed talk both hard and soft copy to the Organizing Secretary on or before 30th June 2019.

The workshop will have invited talk session and contributory papers sessions. Wide range of topics will be discussed in the conference which includes (using R).

- ❖ Stochastic Processes    ❖ SQC
- ❖ Survival Analysis        ❖ Reliability Theory
- ❖ Data Analysis            ❖ Big Data Analysis

## Professors to be Honored

Prof. M. Rajagopalan (Retd.)

Prof. V. Ramachandran (Retd.)

Prof. R. Sivasamy (Retd.)

Prof. R. Elangovan (Retd.)

## PROCEEDINGS

It is proposed to publish the selected papers in the proceedings of the conference to be published latter. Important Date

Last date for receipt of Abstract : 4<sup>th</sup> July 2019

Last date for receipt of full paper : 7<sup>th</sup> July 2019

Intimation of Acceptance : 4<sup>th</sup> July 2019

Electronics copy may be sent through e-mail :  
ntsqqcr2019@gmail.com

### Chief Patron

**Prof. V. MURUGESAN**

Vice-Chancellor, Annamalai University

### Patron

**Dr. N. KRISHNA MOHAN**

Registrar i/c., Annamalai University

### Vice-Patron

**Dr. S. KABILAN**

Dean, Faculty of Science  
Department of Chemistry

## Organizing Secretaries

**Dr. R. Elangovan**

Professor and Head, Coordinator UGC - SAP - DRS I  
Department of Statistics, Annamalai University,  
Annamalai Nagar - 608 002, Tamil Nadu, India

and

**Dr. D. Venkatesan**

Professor & Deputy Coordinator  
UGC - SAP - DRS I

Department of Statistics, Annamalai University

***UGC-SAP-DRS / Sponsored National Workshop on***  
**New Trends on Stochastic Processes,  
SQC & Reliability using R Programming  
(NTSPQCR 2019)**

**11<sup>th</sup> and 12<sup>th</sup> July 2019**

**REGISTRATION FORM**

1. Name :
2. Designation :
3. Academic Qualification :
4. Institution & Address :
5. Address for Communication :  
Pin code :  
Phone No.(Office and Residence) :  
Mobile No :  
Fax No. :  
E-Mail :
6. Gender : (Male/Female)
7. Whether have you submitted an article : Yes / No
8. Title of the paper to be presented :
9. Arrival :
10. Departure :
11. Particulars of the DD :  
Amount :  
Bank :  
D.D. No. :  
Date :

Place:

Date :

Signature  
Head of the Institution

Signature