

INSTRUCTIONAL WORKSHOP  
ON  
PROOF TECHNIQUES IN MATHEMATICS  
26<sup>th</sup> and 27<sup>th</sup> November 2018  
APPLICATION FORMAT

Name : .....

Designation : .....

Gender : .....

Organization : .....

Address : .....

.....

.....

Tel/Mobile No : .....

E.mail : .....

Highest Academic  
Qualification : .....

Experience : a) Teaching : .....

(in years) b) Research : .....

Any other relevant  
information : .....

Place:

Date : Signature

*Organising Committee*

Chief Patron

Prof. Dr. V. MURUGESAN  
Vice Chancellor  
Annamalai University

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Professor and Head  
Department of Mathematics

Organising Secretaries

Dr. S. VIJAYA (8668146079)

Dr. P. MANOHARAN (9994545666)

Dr. G. MOHANRAJ (9442616682)

Instructional Workshop

on

PROOF TECHNIQUES IN  
MATHEMATICS  
(DST-PURSE Supported)

26<sup>th</sup> and 27<sup>th</sup> November 2018



Organised by



DEPARTMENT OF MATHEMATICS  
(Supported by DST-FIST and NBHM)  
**ANNAMALAI UNIVERSITY**  
Annamalainagar - 608 002  
Tamil Nadu, India

### About the University and Department

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 institution 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 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 20th in India. In the Medical Category the ranking is 24th. "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 20th based on the number of publications and 4th 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 13th 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 7th in Tamil Nadu and 32nd 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.

The Department of Mathematics was also started in the year 1929. It has the distinction of establishing three Societies: in fact, the Mathematics Club started by Prof. A Narasinga Rao, the first Head of the Department, later become the Indian Mathematical Society. The Founder President (Professor G.Sankaranarayanan) and Founder Secretary (Professor R. Balakrishnan) of the Ramanujan Mathematical Society were also Heads of the Department. The Indian Society for Theory of Probability and its Applications which is now known as the Indian Society for Theory of Probability and Statistics was also founded in this Department.

The Department had hosted Indian Mathematical Society Annual Conference, Ramanujan Mathematical Society Annual Conference and many other National and International Conferences, Workshops and Refresher courses. Organizing Conferences is a regular feature of the Department.

The Department has also brought out some Conference Proceedings. The Department has made significant contributions in the fields of Algebra, Analysis, Discrete Mathematics, Geometry, Probability, Stochastic Process, Mathematical Modelling, Fluid Dynamics and Fuzzy Mathematics .

### Aim of the Workshop

The main aim of this Workshop is to give training to young researchers in Mathematics to use various existing techniques. In addition, problems appeared in CISR-NET Examinations will be discussed.

### Eligibility and Registration Fee

The Workshop is open to young researchers.

The Registration fee is **Rs. 500/-** (Rupees Five hundred). Selected participants may send a DD drawn in the name of **THE REGISTRAR, ANNAMALAI UNIVERSITY**, payable at anyone of the banks in Chidambaram (SBI, IB, CBI, PNB, ICICI) or Annamalainagar (IB and ICICI)

### Application

Applications in the enclosed format may be sent to the email: [aumathptim2018@gmail.com](mailto:aumathptim2018@gmail.com). so as to reach on or before 21.11.2018.

Formal invitation will be sent by the Organizing Secretaries to the selected participants on 22.11.2018 through e-mail.