

## CONFERENCE PUBLICATIONS

Authors of few selected outstanding papers will be invited to submit the extended versions of their papers for consideration of publication in any of the following Scopus Indexed Journals at an additional cost.

- International Journal of Recent Technology and Engineering
- International Journal of Engineering and Advanced Technology
- International Journal of Innovative Technology and Exploring Engineering
- Advances in Science Technology and Engineering Systems Journal.

For more information and updates about the publication details, please contact the Organizing Secretary via the

**e-mail : ncramm2019alu@gmail.com**

## REGISTRATION FEES DETAILS

Student & Research Scholar	₹ 500
Faculty / Scientist	₹ 700

## MODE OF PAYMENT

Payment can be made in the form of DD in favour of Organizing Secretary, NCRAMM - 2019 Payable at Karaikudi.

### ADDRESS FOR COMMUNICATION

**The Organizing Secretary - NCRAMM'19**  
Department of Mathematics,  
Alagappa University,  
Karaikudi - 630 004, Tamil Nadu  
**Mobile : 84895 49598**  
**E-mail : ncramm2019alu@gmail.com**

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**Prof. N. RAJENDRAN**

Vice - Chancellor, Alagappa University

### Patron

**Prof. H. GURUMALLESH PRABU**

Registrar, Alagappa University

### Convener

**Prof. N. ANBAZHAGAN**

Department of Mathematics

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## ALAGAPPA UNIVERSITY

(A State University Established in 1985)

Karaikudi – 630 003, Tamil Nadu, India.

[www.alagappauniversity.ac.in](http://www.alagappauniversity.ac.in)



## NATIONAL CONFERENCE ON “RECENT ADVANCES IN MATHEMATICAL MODELLING” (NCRAMM'19)

Date : 23<sup>rd</sup> September, 2019

Venue : University Convocation Seminar Hall

Sponsored under  
RUSA Phase 2.0 Scheme



Organized by

**School of Mathematics  
Alagappa University**

Karaikudi - 630 003  
Tamil Nadu

## Welcome to NCRAMM - 2019

### ABOUT THE UNIVERSITY

Alagappa University has emerged from the galaxy of institutions initially founded by the great philanthropist and educationist Dr. RM. Alagappa Chettiar. Alagappa University is brought into existence by a special act of the Govt. of Tamilnadu in May 1985. The University is accredited with A+ Grade CGPA : 3.64 out of 4.0 point scale by NAAC in the third cycle and also the first state University that obtained the A+ status in Tamilnadu. It is the only State University of Tamilnadu obtained the Category-I status. The University has received 100 crores under RUSA Phase 2.0 scheme based on the NAAC Scores. The University has been accorded the 20<sup>th</sup> place in the QS Ranking - 2019 in India, 104<sup>th</sup> among the BRICS Countries and 216<sup>th</sup> among the Asian countries. The University has secured the 28<sup>th</sup> position among the National Institutional Ranking Framework (NIRF) 2018. The University has secured Fourth in Swachh Ranking 2018 for the cleanest Higher Education Institutions in the country under the category of the Government Institutions.

### ABOUT THE DEPARTMENT

The Department of Mathematics was established in the year 1985 in Alagappa University, Karaikudi, Tamilnadu, India. The Department offers M.Sc., M.Phil., and Ph.D. Programs intended to educate qualified students in the growing world of advanced mathematics, and to prepare them for careers in its use and development. Our faculty research interests involve various research fields in Mathematics mainly on Algebra,

Analysis, Abstract and Fractional Differential Equations, Stochastic Process, Neural Networks, Fuzzy Mathematics, Synchronization and Chaos theory, Stability of dynamical systems, Graph theory, etc., Many of our faculties have obtained international recognition for their research in the above mentioned fields.

### ABOUT THE RCHM

In order to extend the research activities to world wide Ramanujan Centre for Higher Mathematics was started in the year 2006. The Research Centre provides opportunities for resident researchers, visiting research fellows, postdoctoral fellows and doctoral students to work within the research foci of the faculty members of the research Centre like Abstract and Fractional Differential Equations, Stability Analysis of Dynamical systems, Neural Networks, Synchronization and Chaos Theory, Genetic Algorithms and Regularly Networks, Graph Theory, Discrete Mathematics, Algorithmic and Algebraic Graph Theory. Also, the Centre aims to conduct and foster outstanding research and learning methods in both pure and applied mathematical sciences, thus contributes and motivates to the next generation of the faculty members and research students in many spheres and the advancement of multi cultural environments.

### OBJECTIVE OF THE CONFERENCE

The main aim of the conference is to present and share the latest research and results of scientists (Preferred Students, Post graduate students, Research Scholars) related to Mathematical Modelling in the field of Natural Sciences, Engineering disciplines and

Management disciplines. The conference will feature traditional paper presentations as well as keynote speeches by prominent speakers who will focus on related trends in modelling area. And also this conference is to provide a common platform, where academia, delegates from industry and nominees from various government and private universities and institutions can sit together and cherish about the achievement as well as future approaches in Mathematical Modelling.

### INVITED SPEAKERS

#### Dr. Rajeev Srivastava

Indian Institute of Technology (BHU),  
Varanasi

#### Dr. Deepak T.G.

Indian Institute of Space Science  
and Technology, Trivandrum

#### Dr. R.Uthayakumar

The Gandhigram Rural Institute,  
Dindigul

### CALL FOR PAPERS

Authors are kindly invited to submit their abstracts as per the call for papers schedule.

### IMPORTANT DATES

Submission of abstracts for presentation	15.09.2019
Acceptance for presentation	16.09.2019
Deadline for Registration	19.09.2019
Submission of full paper	25.10.2019

### ACCOMMODATION

Accommodation will be provided for the outstation participants on payment basis.



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RUSA Phase 2.0 Scheme

### REGISTRATION FORM

Name : .....

Designation : .....

Department : .....

Institution : .....

Address : .....

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Mobile No : .....

E-mail : .....

Title of the Paper : .....

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(Photocopy of this form may be used)