

Two day International Conference on
Recent Development and Techniques in Pure and
Applied Mathematics
(ICRDTPAM-2023)

Date: 23, 24 March, 2023

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Contact Information

Dr.J.VIMALA

Convener, ICRDTPAM-2023

Department of Mathematics

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Invited Speakers

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Prof. Xindong Peng, Shaoguan University, China

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Prof. Balasubramanian Raman, IIT Roorkee, Uttarakhand

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ALAGAPPA UNIVERSITY

(Accredited with A+ Grade by NAAC (CGPA :3.64) and
Graded as Category - I University by MHRD - UGC)

KARAIKUDI - 630 003, TAMIL NADU, INDIA



ICRDTPAM-2023

Two day International Conference on
**RECENT DEVELOPMENT AND
TECHNIQUES IN PURE AND APPLIED
MATHEMATICS
(ICRDTPAM-2023)**

Date:
23, 24 March, 2023

Venue:
Convocation Seminar Hall
Alagappa University



Organized by
SCHOOL OF MATHEMATICS
ALAGAPPA UNIVERSITY
KARAIKUDI- 630 003
TAMIL NADU



About Alagappa University:

Alagappa University was brought into existence by an Act of Tamil Nadu State Legislature in May 1985 with an objective of providing quality Higher Education and fostering Research in various branches of learning. It has emerged from the galaxy of institutions initially founded by the great philanthropist and educationist Padmabhusan Dr.RM. Alagappa Chettiar in 440 acres. It is recognized by the University Grants Commission (UGC). It is a member of Association of Indian Universities as well as a member of Association of Common Wealth Universities.

Alagappa University is accredited by NAAC with A+ Grade (3.64 CGPA on a 4 point scale) in the third cycle and also the first State University that obtained the A+ status in Tamil Nadu. Based on the scientific research publications, Alagappa University has been recognized by DST-PURSE scheme with funding. Further, MHRD has sanctioned Rs.100 crore special grant for Quality Enhancement Under RUSA 2.0 scheme. The h-index of the University is 100. The University has been classified under Category-I status on account of its NAAC score. Alagappa University has secured (i) 28th position in the category of University under NIRF-2022 Ranking by MoE, (ii) 220th position in QS Asia (2022) Ranking, (iii) 401-500th ranking bandwidth in Times Higher Education (THE) World University Ranking 2023.

About the Department:

The Department of Mathematics was established in the year 1985. It is offering 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 carriers in its use and development. Our faculty research interests involve various research field in Mathematics mainly on Algebra, Analysis, Abstract and Fractional Differential Equations, Stochastic Process, Fuzzy Mathematics, etc.,. Many of our faculties have obtained international recognition for their research in the above mentioned fields. The credentials of the Department are (i) UGC-SAP (DRS-I) 2016-2021 (ii) DST-FIST Level I (2021-2023) (iii) DST-PURSE Level-I (2017-2020) (iv) MHRD – RUSA-1.0 (2015-17) & 2.0 (2018-2023), (v) Ph.Ds Awarded -119, (vi) Funded Projects: UGC, DST and NBHM.

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 Equations, 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.

About the Conference:

The conference aims to foster and carry out collaborative research in the latest methodologies and techniques in the broad area in Pure and Applied Mathematics. The conference aims to attract participants with different backgrounds and to expose and discuss innovative theories, frameworks, methodologies, tools and applications. It also provides the common platform for researchers and educators to present the most recent innovations and techniques.

CALL FOR PAPERS:

The authors are requested to submit their original research paper in PDF file format by e-mail : icrdtpam2023@gmail.com.

The topic of interest include, but are not limited to:

Algebra	Applied Algebra
Analysis	Applied Statistics
Topology	Applied Mathematics and Modelling
Discrete Mathematics	Control Theory
Differential Equations	Computational Mathematics
Differential Geometry	Fuzzy Mathematics
Fuzzy Theory	Information Theory
Graph Theory	Neural Networks
Lattices and Algebraic Structures	Probability and Statistics
Mathematical Physics	Soft Computing
Operations Research	Stochastic Processes

Important Dates:

Submission of Abstracts for presentation : 03.03.2023
Acceptance for presentation : 05.03.2023
Dead line for Registration and submission of full paper : 14.03.2023

Registration:

The participants are requested to send the filled in registration form to the Conference Convener (Dr.J.Vimala, Assistant Professor, Department of Mathematics, Alagappa University, Karaikudi – 630 004) along with Registration fee or register through the link : <https://forms.gle/6o9psuKSNV5NmEfi7>

Mode of payment:

- (i) Demand Draft : Drawn in favour of **“The Convener, ICRDTPAM-2023”**, payable at Karaikudi Branch code-0245 & IFSC Code-IDIB000A008.
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Scanned copy of the deposit/transfer should be sent by e-mail along with the registration form.

Registration Type	Fees (Rs.)
Student/ Faculty Listeners	700
Student & Research Scholars (Presenters)	1000
Faculty (Presenters)	1500
Foreign participants	\$100

Accommodation:

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

Conference Publications:

Authors of few selected outstanding papers will be invited to submit the extended version of their papers for consideration of publication in Web of Science / Scopus indexed journal at an additional cost.

1. AIMS Mathematics (SCIE) I.F : 2.739
2. Contemporary Mathematics (Scopus) (ESCI)
3. Journal of Taibah University for science (SCIE) I.F: 3.459
4. Journal of Fuzzy Extension and Applications