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University of Ljubljana, Slovenia

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School of Mathematics and Physics
Anhui Jianzhu University, China

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Institute of Mathematical Sciences
University of Malaya, Malaysia

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Loyola college, Chennai.
Former Dean, School of Advanced Sciences,
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Dr. Anita Pal
Department of Mathematics
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INTERNATIONAL CONFERENCE

ON

RECENT TRENDS IN APPLIED MATHEMATICS

ICRTAM 2022

(Virtual mode)

March 3-4, 2022

LUCEAT LUX VESTRA

Organized by

DEPARTMENT OF MATHEMATICS

LOYOLA COLLEGE

CHENNAI, TAMIL NADU, INDIA

About the College

Loyola College, Chennai was established in the year 1925 with 75 undergraduate students of Mathematics, History and Economics. Loyola College was given autonomy in 1978 and was honoured with "College with Potential for Excellence" in 2010 and "College of Excellence" from 2014 onwards. Loyola was ranked 3rd among Arts and Science Colleges in India by National Institute Ranking Framework (NIRF) in the year 2021, and has been accredited with CGPA of 3.55 on four point scale at A++ grade by NAAC in 2021. Around 9500 students are studying in 19 post graduate and 24 under graduate departments, and Research is carried out in 12 departments. Loyola provides quality education, incredible compendium of academic programmes, innovative methodologies and intensive research to the students.

About the Department

Department of mathematics was established in the year 1925 with B.A. program in Mathematics. The Honors course in Mathematics was integrated in 1927 and the first batch of students appeared for the B.A. Honors degree in 1930. The department was recognized as a research department in 1984. The Racine Research Centre was established in the department in 1991 on the occasion of the birth centenary of Rev. Fr. Charles Racine D.Sc., who was one of the great influences in the development of modern mathematics in India. The mathematicians M. S. Narasimman FRS and C.S. Seshadri FRS, founder and director emeritus of the Chennai Mathematical Institute are the alumni of the department who are known for the famous Narasimman–Seshadri theorem. The research areas of the department include

- Graph Theory
- Fuzzy Logic
- Functional Analysis
- Astronomy
- Formal Languages and Automata Theory

About the Conference

The Department of Mathematics, Loyola College, Chennai hosts the "International Conference on Recent Trends in Applied Mathematics" (ICRTAM 2022) on 3rd and 4th March 2022. The objective of this conference is to provide a virtual–academic platform for the young researchers to present their new research findings and exchange their expertise and techniques in the field of Applied Mathematics.

The conference focuses on problems and solutions in relevant to the global need of mathematical research and to sense the requirement of mathematical approach in the field by exchanging ideas through interaction and fruitful discussions.

The "International Conference on Recent Trends in Applied Mathematics" (ICRTAM 2022) aims to bring together both novice and experienced researchers in various fields of Applied Mathematics to meet and establish a vibrant network between research groups.
The conference includes keynote addresses and invited talks by the eminent Mathematicians around the world and paper presentations by researchers.

Call for Papers

Authors are invited to submit the original and unpublished research articles in the following areas, but not limited to

. Graph theory and Combinatorics
. Fuzzy Logic and Analysis
. Communication Networks
. Automata Theory
. Functional analysis
. Computational Mathematics
. Neural Networks
. Probabilistic and Randomized Algorithm.
. Complexity Theory
. Differential Equations
. Control Theory
. Theoretical Computer Science

Journal Publication

All the accepted papers of the conference will be published in the UGC CARE – Web of Science/SCOPUS journals as per the standing procedure of the journals.

Abstract and Paper Format

The abstract should be between 100-200 words with complete author details and marked (*) for the corresponding author. The authors can use their own format for the full paper, and after acceptance of the paper, the formatting should be done according to the journal.
Authors have to send the abstract and the full paper to icrtam2022@loyolacollege.edu

Registration Fee and Link

Paper presentation : **Rs. 750 /–**
Participation only:
Faculty : **Rs. 200 /–**   Students : **Rs. 100 /–**
Participants who present papers in the conference will receive printed certificates.
Registration link
https://erp.loyolacollege.edu/loyolaonline/conference/loginManager/youLogin.jsp
Weblink
https://loyolacollege.edu//ICRTAM2022

Important Dates

Last date for submitting abstract – 20/12/2021
Notification of acceptance for
oral presentation   – 30/12/2021
Last date for submitting full paper – 03/01/2022
Last date for registration   – 15/01/2022
Notification of acceptance for
publication   – 05/02/2022

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