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- Chairman :** **Rev. Dr. M. Arockiasamy Xavier SJ**
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Head & Associate Professor of Mathematics
St. Joseph's College, Trichy
- Convener :** **Dr.M. Thiagarajan**
Associate Professor of Mathematics
St. Joseph's College, Trichy
- Co-Conveners:** **Dr. J. Arockia Jeyakumar**
Assistant Professor of Mathematics
St. Joseph's College, Trichy
Dr. S. Ithaya Ezhil Manna
Assistant Professor of Mathematics
St. Joseph's College, Trichy

MEMBERS

- Dr.Y. Dominic, **Dean, School of Computing Sciences**
- Dr.J. Umamaheswari
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Prof.D. Arockia Jaya Seely
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ADVISORY COMMITTEE

- Prof. S. Arumugam**
Adjunct Professor, Amrita Vishwa Vidyapeetham, Coimbatore
- Prof. Atulya Nagar**
Pro Vice-Chancellor (Research), Liverpool Hope University, UK.
- Dr.(Mrs.) Vijay Laxmi Saxena**
General President, Indian Science Congress Association, Kolkata
- Dr. Ashok Kumar Saxena**
Former General President, Indian Science Congress Association, Kolkata
- Dr. S.V. Kasmir Raja**
Convener, Indian Science Congress Association, Chennai Chapter

FOR FURTHER DETAILS CONTACT

- Dr. M. Thiagarajan**
Convener-ICMSA 2022
PG & Research Department of Mathematics
St. Joseph's College (Autonomous)
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- Phone:** +91-94867 05696 / +91-63745 12267
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IMPORTANT DATES :

- Deadline for Submitting Manuscript:**
31st December 2021
- Paper Acceptance Notification:**
31st January 2022
- Deadline for submitting the final Version of Manuscript:**
15th February 2022
- Last Date of Registration:**
21st February 2022

The Special Edition of the Journals will be released in the Conference

Rev Dr A ALBERT MUTHUMALAI SJ ENDOWMENT

INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS - ICMSA 2022

(Virtual)



March 9-11th, 2022



PG & RESEARCH DEPARTMENT OF MATHEMATICS
SCHOOL OF COMPUTING SCIENCES
St. JOSEPH'S COLLEGE (Autonomous)

Special Heritage Status Institution - UGC, Accredited at 'A++' Grade (4th Cycle) by NAAC
College with Potential for Excellence by UGC, DST-FIST Sponsored & DBT - STAR College

TIRUCHIRAPPALLI - 620 002, INDIA

In Association with



**The Indian Science Congress Association
Chennai Chapter**

www.sjctni.edu/icmsa2022

ABOUT THE INSTITUTION

St. Joseph's College, established in 1844 by the Jesuits, members of one of the best-known Catholic religious order, has rendered 178 years of remarkable service, not merely to students from Tamil Nadu but also from other states of India and other countries. St. Joseph's College is a First Grade College affiliated to Bharathidasan University. It was affiliated to Madras University in 1869. The college celebrated its centenary in 1944, Sesquicentenary in 1995 and acquired the Five Star status, awarded by NAAC in 2000. It was recognised by UGC as a College with Potential for Excellence in 2004, reaccredited by NAAC with A+ grade in 2006, accredited again by NAAC at A grade in 2012 and accredited again by NAAC at A++ grade in 2019. The college celebrated 175 years of its inception in 2019. It is the only college in South India with the Special Heritage Status recognized by the UGC in 2015, a glorious feather on the crown of St. Joseph's. The DBT-Star College status is yet another important recognition for the academic excellence of our college. The college stands in the 27th position in National Institutional Ranking Framework (NIRF) by the MHRD of India in 2021. The late Hon'ble Dr. A.P.J. Abdul Kalam, an Aerospace Scientist who became the President of India, did B.Sc Physics at this College.

ABOUT THE DEPARTMENT

Mathematics Department is one of the oldest and premier Departments of the college from its inception in 1844. At present, our faculties are guiding Ph.D. scholars in areas like Graph Theory, Automata Theory, Functional Analysis, Differential Equations and Stochastic Process. The department produces efficient professionals with outstanding academic and overall performances. The department conducts seminars / conferences / workshops and various innovative programmes to explore the talents of the students. Every year, the department produces University ranks in UG and PG.

ABOUT ICMSA 2022

It is an annual feature of the Department of Mathematics to conduct a National or International Conference in honour of Rev.Dr.A. Albert Muthumalai SJ, former Principal of the College. This is the eleventh consecutive year wherein the Department is bringing together experts and young researchers on a platform for discussion on recent advancements and challenging problems on various topics. We hope to organize additional informal interactive discussions apart from invited talks and technical sessions that are formally led by experts. It is hoped that these in-depth discussions and lectures led by experts will enhance research knowledge and problem solving strategies of young researchers.

AREAS/TOPICS TO BE COVERED

Original research articles are invited in the following areas, but not limited to, listed below:

Algebra, Analysis, Combinatorics, Complex Analysis, Computer Algorithms, Cryptography, Differential equations and Modelling, Formal Languages and Automata Theory, Functional Analysis, Fuzzy Theory, Graph Theory, Numerical Analysis, Operations Research, Stochastic Models, Theoretical Computer Science, Topology etc.,

PUBLICATION

All the accepted papers will be published in any of the following SCOPUS INDEXED Journals with no publication charges.

AKCE International Journal of Graphs and Combinatorics.

(<https://www.tandfonline.com/toc/uakce20/current>)

Communications in combinatorics and Optimization (CCO).

(<http://comb-opt.azaruniv.ac.ir/>)

REGISTRATION DETAILS

For Students/Scholars	Rs.1,000/-
For Faculty/Delegates	Rs.1,200/-
Overseas Participants	\$.100/-

The Registration will be through online only. Use this link for registration and payment: www.sjctni.edu/icmsa2022

INVITED SPEAKERS

Prof. S. Arumugam
Adjunct Professor,
Amrita Vishwa Vidyapeetham, Coimbatore.

Prof. Atulya Nagar
Pro Vice-Chancellor (Research),
Liverpool Hope University, UK.

Prof. Balazs Patmos
Professor,
Alfred Renyi Institute of Mathematics, Hungary.

Prof. Jay Bagga
Professor of Computer Science, Ball State University, USA.

Prof. Manjunatha Prasad
Coordinator – Centre for Advanced Research in Applied Mathematics and Statistics, Manipal Academy of Higher Education, Manipal.

Prof. B. S. Panda
Professor, Indian Institute of Technology Delhi, New Delhi.

Prof. Rajkumar Murugesan
Head of Research, School of Computing & IT,
Taylor's University, Malaysia.

Prof. T. Robinson
Head, Department of Mathematics,
Madras Christian College, Chennai.

Prof. C. Robinson Edward Raja
Professor, Theoretical Statistics and Mathematics,
Indian Statistical Institute, Bangalore.

Prof. Santhoshkumar
Honorary Adjunct Professor of Mathematics
RMIT University, Australia.