

**INTERNATIONAL CONFERENCE
ON
PURE AND APPLIED MATHEMATICS
ICOPAM - 2022**

**24th & 25th March 2022
(VIRTUAL)**



Organised by
PG & RESEARCH DEPARTMENT OF
MATHEMATICS

**T.B.M.L COLLEGE, PORAYAR – 609 307,
TAMILNADU, INDIA**

(Affiliated to Annamalai University, Chidambaram)

PATRON

Dr. GENE GEORGE

PRINCIPAL

T.B.M.L COLLEGE, PORAYAR – 609 307

CONVENER

Dr. THANGARAJ BEAULA

HEAD & ASSOCIATE PROFESSOR OF MATHEMATICS

T.B.M.L COLLEGE, PORAYAR – 609 307

ORGANIZING SECRETARY

Dr. R. ANGELINE SARGUNA GIFTA

ASSISTANT PROFESSOR OF MATHEMATICS

T.B.M.L COLLEGE, PORAYAR – 609 307

Committee Members

Dr. J. Joseline Manora, Associate Professor
Dr. D. Stephen Dinagar, Associate Professor
Dr. D. Rajan, Associate Professor
Dr. D. Lilly Esthar Rani, Associate Professor
Dr. T. Jeyaraj, Assistant Professor
Dr. R. Irene Hepzibah, Assistant Professor
Dr. S. Christinal Gunaseeli, Assistant Professor
Dr. P. Jayasingh Manohar, Assistant Professor
Dr. M. Merlin Priyanka, Assistant Professor
Mr. S. Vignesh, Assistant Professor

For Further Queries Contact:

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Advisory Committee:

Dr. Nirmala P. Ratchagar,
Dean, Faculty of Sciences, Professor of Mathematics,
Annamalai University, Chidambaram.

Dr. G. Thangaraj,
Professor & Head of Mathematics,
Thiruvalluvar University, Vellore.

Dr. T. Robinson,
Head & Associate Professor of Mathematics,
Madras Christian College, Chennai.

Dr. S. Meena,
Head & Associate Professor of Mathematics,
Govt. Arts College, C. Mutlur, Chidambaram.

Dr. V. Chinnadurai,
Professor of Mathematics,
Annamalai University, Chidambaram.

Resource Persons

Technical Session I

Dr.D. Gnanaraj Thomas

HOD of Mathematics,
Saveetha School of Engineering,
Poonamallee, Chennai.

Technical Session II

Dr. Meenakshi Paramasivan

FB-IV Informatik,
Universitat Trier, Germany.

Technical Session III

Dr.A.Nagoor Gani

Associate Professor of Mathematics,
Jamal Mohamed College,
Trichy.

Technical Session IV

Prof. Atulya Nagar,

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

About the College:

Tranquebar Bishop Manikam Lutheran College, Porayar, was established in the year 1972. The college offers 14 Under Graduate Courses, 12 Post Graduate Courses and Research Programs which lead to M.Phil. and Ph.D. both in Day and Evening Sessions.



The College has achieved a great reputation for its high academic standards and attracts students in this region which caters to the intellectual and moral needs of aspiring first generation learners.

The College not only commits to meet the educational and professional needs of its students but also strives to help in maintaining ethical, fair and honest behaviour in all their endeavours, The College also enables students to achieve their potential and academic goals . It also ensures to equip students to assimilate depth of theoretical and technical knowledge essential for today's evolving scientific and technological world.

About the Department:

The PG and Research Department of Mathematics, T.B.M.L. College, Porayar, came into existence in 1972 and started offering M.Sc. in the year 1985. The Department blossomed into a Research Department producing M.Phil.and Ph.D. holders in the year 2005.

The Department is filled with well qualified, dedicated and experienced faculty members providing high standard of teaching and quality education. Besides regular academic work, research is focused in a profound way. The Department takes pride to mention that it has produced hundreds of researchers to obtain M.Phil. Degrees and 53 Doctorate Degrees so far.

Conference Objectives:

The main objective of the Conference is to provide a platform for researchers, educators and students to share their ideas, explore and discuss the recent and modern trends in Pure and Applied Mathematics in order to enhance and update knowledge and understanding, widening the

vistas of wisdom. This will expose the inquisitive younger minds from rural environment to intellectual complexities which in future will open the portals of setting trends in the arenas of science, technology and computation. This paves the way for future conglomerations of collective intellectual exercises to enhance the exuberance of knowledge - theoretical and practical.

About the Conference:

The International Conference on Pure and Applied Mathematics is a forum for presenting recent advancements, research results and future trends in the field of Pure and Applied Mathematics. The Conference includes Invited Lectures by experts and presentation of contributed papers.

Call for papers:

Original papers are invited from academicians, researchers and professionals in the following areas and in any related topics:

- Algebra
- Combinatorics
- Decision-Making
- Discrete Mathematics
- Graph Theory
- Automata Theory
- Fuzzy Sets and Systems
- Fuzzy Logic
- Fuzzy Optimisation
- Fuzzy Mathematics
- Mathematical Modelling
- Operation Research
- Numerical Analysis
- Stochastic Process

Intuitionistic Fuzzy Sets
Differential Equations
Fuzzy Graphs

Paper Submission:

Papers submitted must be original contribution and had not been published or presented elsewhere. At least one of the authors of the accepted paper must attend the Conference. The accepted papers of the registered candidates will be published in Scopus Indexed/WOS/ UGC Care Mathematics Journals with additional fee.

Registration Fee ₹ 500

Registration is compulsory for all participants . The Registration will be through online only.

Bank Details:

Bank Name : Indian Overseas Bank

Branch : Porayar

A/C Number : 283001000014206

Accountant Name : Dr. R. ANGELINE SARGUNA GIFTA

IFSC : IOBA0002830

Registration Form Link:

<https://forms.gle/1WLCkoLVSNN64qSAA7>

Important Dates:

Submission of Abstract	- 20 th February 2022
Submission of Full Text	- 5 th March 2022
Deadline for Registration	- 15 th March 2022
Conference dates	- 24 th and 25 th March 2022.