

## Invited Speakers

### Dr. G. Britto Antony Xavier

Associate Professor of Mathematics  
Sacred Heart College (Autonomous)  
Tirupattur, Tamilnadu, India



### Dr. S. Monikandan

Professor of Mathematics  
Manonmaniam Sundaranar University  
Tirunelveli, Tamilnadu, India



#### Topic: Topological Variation in Reconstruction

#### Conjecture

### Dr. Kabin Antony

Instructor  
Department of Academic Affairs  
Faculty of Digital Technologies  
American University of Phnom Penh  
Cambodia



#### Topic: Novel Contributions of N-Topology

### Dr. Mohan Sekar

Associate Professor of Mathematics  
School of Engineering  
Presidency University, Bangalore, India



#### Topic: Total Coloring Conjecture for Certain

#### Classes of Graphs

#### Advisory Committee

##### Dr. A. George Maria Selvam

Head and Associate Professor of Mathematics  
Sacred Heart College (Autonomous), Tirupattur

##### Rev. Dr. S. John Borg

Controller of Examinations and Assistant Professor  
Sacred Heart College (Autonomous), Tirupattur

##### Dr. G. Britto Antony Xavier

Associate Professor of Mathematics  
Sacred Heart College (Autonomous), Tirupattur

## Organizing Board

### Patron

#### Dr. Sr. M. Mary Gilda

Secretary, Holy Cross College (Autonomous),  
Nagercoil



**HOLY CROSS COLLEGE  
(AUTONOMOUS)**



### Chairperson

#### Dr. Sr. S. Sahayaselvi

Principal, Holy Cross College (Autonomous),  
Nagercoil

### Convenor

#### Dr. M. K. Angel Jebitha

Head and Assistant Professor of Mathematics  
Holy Cross College (Autonomous), Nagercoil

### Organizing Secretaries

#### Dr. L. Jesmalar

Assistant Professor of Mathematics  
Holy Cross College (Autonomous), Nagercoil

#### Dr. A. Anat Jaslin Jini

Assistant Professor of Mathematics  
Holy Cross College (Autonomous), Nagercoil

### Organizing Committee

#### Dr. T. Sheeba Helen, Associate Professor

#### Dr. S. Sujitha, Assistant Professor

#### Dr. V. Sujin Flower, Assistant Professor

#### Dr. J. Befija Minnie, Assistant Professor

#### Sr. S. Antin Mary, Assistant Professor

#### Dr. A. Jancy Vini, Assistant Professor

#### Ms. J. C. Mahizha, Assistant Professor

#### Dr. K. Jeya Daisy, Assistant Professor

#### Dr. J. Anne Mary Leema, Assistant Professor

#### Dr. C. Jenila, Assistant Professor

**HOLY CROSS COLLEGE  
(AUTONOMOUS)**

**PG & Research  
Department of Mathematics**

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

Accredited with 'A++' Grade  
(CGPA 3.53 – V Cycle) by NAAC  
ISO 9001:2015 Certified Institution  
Nagercoil - 629 004, Kanyakumari District  
Tamilnadu, India

### Organises

**Online International Conference  
on**

**Advances in Graph Theory  
and Topology**

**5<sup>th</sup> & 6<sup>th</sup> February 2026**

**ICAGTT 2026**

Jointly Organised by

PG & Research  
Department of Mathematics  
Sacred Heart College (Autonomous)  
Tirupattur, Tamilnadu, India

## About the College

Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University, Tirunelveli is the first women's college in Kanyakumari District established on 2<sup>nd</sup> August 1965 and administered by the Congregation of the Sisters of the Cross of Chavanod France with the thrust on Empowerment of Women. The college was conferred Autonomous status in 2007 and accredited with A++ grade (CGPA 3.53) by NAAC in the V cycle. The college aims for total liberation and development of the whole personality of the students in order to take their right place and responsibility in society.

## About the Department

The PG & Research Department of Mathematics was established in 1966 with a strong commitment to the holistic development for students. The department is dedicated to provide high-quality education in Mathematics. It offers B.Sc., M.Sc., and Ph.D. programs, ensuring comprehensive academic growth. The faculty comprises highly qualified, experienced and dedicated educators who specialize in emerging area of mathematics. With a focus on innovation and excellence, the department continuously enhances its teaching methodologies. It strives to empower students with critical thinking and problem-solving skills to meet future challenges. The curriculum is designed to prepare students for academic, research and professional careers in mathematics. Through rigorous training and guidance, students are encouraged to achieve their academic and professional goals. The department fosters an environmental that promotes intellectual curiosity and research exploration. Committed to excellence, it continues to shape young minds, enabling them to excel in their careers and contribute to the mathematical community.

## About the Conference

The International Conference on Advances in Graph Theory and Topology (ICAGTT 2024) aims to bring together mathematicians, researchers, and academicians from across the globe to discuss recent developments, challenges, and applications in graph theory, topology, fuzzy graphs, and related fields. This conference will feature keynote talks on emerging topics such as the Total Coloring Conjecture, N-Topology, Fuzzy Derivative Graphs, and Topological Variation in Reconstruction Conjecture. The event will serve as a platform for sharing novel research, fostering collaborations, and exploring interdisciplinary applications in computer science, network design, data science, and beyond.

## Call for Papers

We invite researchers, academicians, and practitioners worldwide to submit original, unpublished papers across all domains of pure and applied mathematics. All submitted papers will undergo a double-blind peer-review process. Accepted and presented papers will be published in the official conference proceedings, which will be assigned an ISBN. Detailed submission guidelines, formatting templates, and important deadlines will be provided on the conference website.

## Guidelines for Paper Submission

All manuscripts must be submitted in LaTeX format, using Times New Roman font at 12pt size. Ensure that the submission includes the title, author names and affiliations, abstract, keywords, and full text. All papers must be original and unpublished. Please email your LaTeX source file and a compiled PDF copy to [icagtt2026@gmail.com](mailto:icagtt2026@gmail.com)

## Registration Link

<https://forms.gle/wdALDsahTAoN5AbQA>

## Important Dates

Last Date for Article Submission: Jan 20, 2026

Notification of Acceptance : Jan 25, 2026

Registration Deadline : Jan 30, 2026

## Registration Fee

	Student	Research Scholar	Faculty
Participation	Rs.50	Rs.200	Rs.300
Paper Presentation	Rs.100	Rs.300	Rs.400

## Payment Info

A/C Name : HOLY CROSS COLLEGE

A/C No. : 5583583365

IFSC code : CBIN0283659

Bank, Branch : Central Bank of India,  
Roch Nagar

## Contact for Further Details

Dr. L. Jesmalar - 8220140785

Email: [jesmalar.l@holycrossngl.edu.in](mailto:jesmalar.l@holycrossngl.edu.in)

Dr. A. Anat Jaslin Jini - 9787404837

Email: [anatjaslin@holycrossngl.edu.in](mailto:anatjaslin@holycrossngl.edu.in)

