

ABOUT THE CONFERENCE

The National Conference on Algebra and Graph theory aims to bring the eminent researchers in the area of Algebra and Graph Theory under one roof. This conference provides a platform to share the expertise of experts on the current researches on Algebra and Graph Theory. The conference also provides an opportunity for the young researchers to present their research ideas.

RESOURCE PERSONS

1. Dr. A.P. Santhakumar,
Hindustan University, Chennai
2. Dr. R. Kala
Manonmaniam Sundaranar Universtiy
Thirunelveli
3. Dr. C. Durairajan
Bharathidasan University, Trichy
4. Dr. A. Anto Kinsley
St. Xavier's College, Palayamkottai
5. Dr. T. Tamizh Chelvam
Manonmaniam Sundaranar University,
Thirunelveli
6. Dr. Krishnan Paramasivam
National Institute of Technology, Calicut

CONTACT DETAILS

All communication/queries may be addressed to:

1. Dr. P. Xavier Raj (Convener)
National Conference on Algebra & Graph Theory
St. Xavier's College (Autonomous), Palayamkottai
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2. Dr. S. Arul Raj (H.O.D.), Ph. 9843560065
3. Dr. S. Balamurugan, Ph. 9787274004.

ORGANIZING COMMITTEE

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Dr. S. Arul Raj Head of the Department

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3. Dr. Krishnan Paramasivam
National Institute of Technology, Calicut

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NATIONAL CONFERENCE ON ALGEBRA AND GRAPH THEORY

February 15 and 16, 2018



PG & RESEARCH DEPARTMENT OF MATHEMATICS

St. Xavier's College (Autonomous)

(Recognized as "College with potential for Excellence" by UGC)
(Re-accredited with 'A' grade with a CGPA of 3.30 by NAAC)

PALAYAMKOTTAI – 627 002

TAMILNADU

ORGANIZING INSTITUTION

In 1923, a group of Jesuit missionaries from France founded St. Xavier's College in Thirunelveli district, which was once considered poor and backward. Within a short span of time it fetched a tradition of academic excellence and universal service. In recognition of its distinguished service and to increase its efficiency of its distinguished service and to increase its efficiency still further, autonomy was conferred to this college in the year 1987, by UGC and was approved by the government of Tamilnadu. Also this college was honoured with FIVE STARS by NAAC. Choice Base Credit System (CBCS) was introduced in the year 2002. Adding a feather to the crown of St' Xavier's College, UGC identified as "College with Potential for Excellence" in 2004. The college was re-accredited with 'A' grade with CGPA of 3.50 in the year 2012.

ORGANIZING DEPARTMENT

Teaching of Mathematics was well received right from the beginning of the college. In 1970, Post Graduate course in Mathematics was introduced and in the year 1986 M.Phil. in Mathematics was started. The department became a research centre in the year 2003. Seven of our staff members are recognized as research guides by Manonmaniam Sundaranar University and more than 30 research scholars are pursuing Ph.D.

CALL FOR PAPERS

Original unpublished research papers, in the areas of Algebra / Graph Theory, are invited from academic experts and research scholars for the presentation in the conference.

The paper along with the title (in block letters), name and address of the author(s) and the key words shall be sent in MS-WORD format to xavierrajp@gmail.com (Font: Times New Roman, size: 12, double spaced).

PUBLICATION

The papers accepted for presentation in the conference will undergo reviewing process of the journal "Scientia Acta Xaveriana (SAX). If the authors are willing to publish their papers in SAX, they should pay reprint charges."

REGISTRATION FEE

Faculty	Rs. 400
Students/Research scholars	Rs. 300

Registration fee includes lunch and refreshments. Registration fee may be paid by DD in favour of "The Convener, National conference in Mathematics, St. Xavier's College," payable at Palayamkottai.

ACCOMMODATION

Accommodation will be arranged, if requested well in advance. Accommodation cost of Rs. 200/- per head for one day (shared accommodation) will be charged.

DATES TO REMEMBER

Last date for submission of papers : 2.2.2018
Intimation to the selected papers : 8.2.2018
Last date for registration of participants : 9.2.2018

NATIONAL CONFERENCE ON ALGEBRA AND GRAPH THEORY (February 15 and 16, 2018)

Registration Form

Name: _____

Designation: _____

Age: _____ Gender: _____

Address: _____

Email: _____

Mobile : _____

Title (if presented a paper) _____

Details of DD enclosed: Fees Rs. _____

Number: _____ Date: _____

Bank : _____

Date:

Place:

Signature

National Conference on Algebra and Graph theory - 2018

Program schedule

Day 1 : 15/2/18

- 9.30 - 10.00 - Registration
- 10.00 - 10.30 - Inauguration
- 10.30 - 11.45 - Session I - **Double Geodetic number of a Graph**
Dr. A.P. Santhakumaran
Hindustan University, Chennai
- 11.45 - 12.00 - Tea break
- 12.00 - 1.15 - Session II - **Dominator Colouring in Graphs**
Dr. R. Kala
Manonmaniam Sundaranar University,
Thirunelveli
- 1.15 - 2.15. - Lunch
- 2.15 - 3.30 - Session III - **On the Covering Radius of Block codes**
Dr. C. Durairajan
Bharathidasan University, Trichy
- 3.30 - 3.45 - Tea break
- 3.45 - 5.00 - Session IV - **Graph Algorithms and Computing Techniques**
Dr. A. Anto Kinsley
St. Xavier's College (Autonomous), Thirunelveli.

Day 2 : 16/2/18

- 10.00. - 11.15 - Session V - **Graphs from Commutative Rings**
Dr. T. Tamizh Chelvam
Manonmaniam Sundaranar University
Thirunelveli
- 11.15 - 11.30 - Tea break
- 11.30 - 12.45 - Session VI - **Colouring of Commutative Boolean semigroups**
Dr. Krishnan Paramasivam
National Institute of Technology, Calicut.
- 12.45 - 1.45 - Lunch
- 1.45 - 3.30 - Paper presentation and panel discussion
- 3.30. - 4.00 - Valedictory