Pondicherry University
A CENTRAL UNIVERSITY · PUDUCHERRY

$Z_2[x,y] / (x^3, xy, y^2)$

INTERNATIONAL CONFERENCE ON

Algebra & Combinatorics

ICAC-2027

25 – 27 February 2027

ORGANIZED BY

Department of Mathematics · Ramanujan School of Mathematical Sciences

Pondicherry University, Kalapet, Puducherry – 605014, India

www.icac2027.com

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Prof. A. Joseph Kennedy
Pondicherry University, India

Prof. Mohammad Reza Pournaki
Sharif University of Technology, Iran

About the Conference

The conference will bring together researchers working in diverse areas of pure and applied mathematics, including algebra, group theory, graph theory, algebraic combinatorics, and discrete mathematics. Through invited lectures, contributed talks, research presentations, and academic interactions, ICAC-2027 aims to facilitate knowledge exchange, foster research collaborations, and provide young researchers with opportunities to engage with experts and explore current research directions.

About the University

Pondicherry University is a Central University established by an Act of Parliament in October 1985. Its jurisdiction extends across the Union Territories of Puducherry, Lakshadweep, and the Andaman and Nicobar Islands. The main campus at Kalapet lies about 10 km from Puducherry town and 160 km south of Chennai along the East Coast Road. Spread across nearly 800 acres, it offers a serene, picturesque academic setting beside the Bay of Bengal.

PRE-CONFERENCE EVENT · International Seminar on Algebra and Number Theory 22 – 24 February 2027

Held at the Department of Mathematics, Pondicherry University, the seminar aims to provide an opportunity for researchers, and post graduate students to engage with recent developments in Algebra and Number Theory through a series of invited lectures by experts in the field. The event will encourage academic interaction, discussion, and the exchange of ideas, while providing participants with an opportunity to learn about current research directions and developments in these areas.

SCIENTIFIC ORGANIZERS

Prof. A. Joseph Kennedy (Organizing Secretary)
Dr. T. Asir (Coordinator)
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ADVISORS

Prof. Kiruthika, Dean, RSMS
Dr. S. Francis Raj, HOD, RSMS
Prof. Arijit Dey, IIT Madras

FOR MORE DETAILS VISIT
www.icac2027.com

Important Dates

For more details visit the conference website **www.icac2027.com**

01 Jan 2027	**22 Jan 2027**	**26 Jan 2027**	**27 Jan 2027**	**10 Feb 2027**
Abstract submission for contributed talk	Full paper for oral / poster presentation	Acceptance for oral / poster presentation	Early bird registration deadline	Final registration deadline

ICAC-2027

INTERNATIONAL CONFERENCE ON ALGEBRA & COMBINATORICS

25 – 27 February 2027
Pondicherry University, India

Invited Speakers

ICAC-2027 · 25 – 27 FEB

- **Ajay Kumar**, IIT Jammu, India
- **H. Ananthnarayan**, IIT Bombay, India
- **Arvind Ayyer**, IISc Bangalore, India
- **Ayman Badawi**, American University of Sharjah, UAE
- **Masoud Bayrami Aminlouee**, Sharif Univ. of Technology, Iran
- **David Dolžan**, University of Ljubljana, Slovenia
- **Do Trong Hoang**, Hanoi Univ. of Science & Technology, Vietnam
- **Elena V. Konstantinova**, Sobolev Institute of Mathematics, Russia
- **Guangjun Zhu**, Suzhou University, China
- **Hong Wang**, Suzhou University of Technology, China
- **Hop D. Nguyen**, Institute of Mathematics, VAST, Vietnam
- **Huadong Su**, Beibu Gulf University, China
- **Jim Coykendall**, Clemson University, USA
- **Josef Skokan**, London School of Economics, UK
- **Mohammad Reza Pournaki**, Sharif Univ. of Technology, Iran
- **Mrinal Kanti Das**, ISI Kolkata, India
- **Narayanan N**, IIT Madras, India
- **Niranjan Balachandran**, IIT Bombay, India
- **Peter J. Cameron**, University of St Andrews, UK
- **Seyed Amin Seyed Fakhari**, Universidad de Los Andes, Colombia
- **Sunil Chebolu**, Illinois State University, USA
- **T. Tamizh Chelvam**, Manonmaniam Sundaranar University, India

Seminar Speakers

ALGEBRA AND NUMBER THEORY · 22 – 24 FEB

- **Anirban Mukhopadhyay**, IMSc Chennai, India
- **Arijit Dey**, IIT Madras, India
- **M. R. Pournaki**, Sharif Univ. of Technology, Iran
- **Mohit Garg**, IMSc, India
- **Mrinal Kanti Das**, ISI Kolkata, India
- **Parthanil Roy**, IIT Bombay, India
- **Pralay Chatterjee**, IMSc Chennai, India
- **Satadal Ganguly**, ISI Kolkata, India
- **Seyed Amin Seyed Fakhari**, Universidad de Los Andes, Colombia
- **Siddhartha Bhattacharya**, TIFR Mumbai, India
- **Somnath Jha**, IIT Kanpur, India
- **Souradeep Majumder**, IISER Tirupati, India

Topics to be Covered

Algebra

- Commutative Algebra
- Homological Algebra
- Group Theory
- Modular Representation Theory
- Algebra and Algebraic Geometry

Combinatorics

- Combinatorics (general / enumerative)
- Algebraic Combinatorics
- Combinatorial Matrix Theory
- Graph Theory

THE CONFERENCE'S SPECIFIC FOCUS

- Algebraic Graph Theory
- Combinatorial Commutative Algebra
- Algebraic Combinatorics
- Combinatorial aspects of Commutative Algebra

Contributed Talks

Registered participants may present a contributed talk at the conference. Each such talk is **22 minutes** long, and **3 minutes** for questions. An abstract for each contributed talk will appear in the conference abstract booklet.

Abstract should be submitted by 1st January 2027.

Call for Papers

Registered participants may present their research through either an **oral presentation** or a **poster presentation**. Presenting participants are required to submit a full paper based on their presentation. Each presentation will be **7 minutes** long, followed by **3 minutes** for questions.

Full paper should be submitted by 22nd January 2027.

How to submit: Prepare it with the LaTeX template (icacSurname.tex, cmsa-abs.sty) and email the .tex and pdf files to **icaac2027@gmail.com** with the subject line "Paper submission: Surname". For more details visit the conference website **www.icac2027.com**.

Registration Fee

	Conference (25–27 Feb)		Seminar (22–24 Feb)	
Indian citizens	Without acc.	With acc.	Without acc.	With acc.
Early Bird · until 27 Jan	₹2,000	₹4,500	₹1,000	₹3,000
Regular · until 10 Feb	₹2,500	₹5,000	₹1,500	₹3,500
International	USD 200		USD 100	

SCAN TO REGISTER

For more details visit
www.icac2027.com

Contact

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