

ICEPAM-2024

2nd INTERNATIONAL CONFERENCE ON EVOLUTION IN PURE AND APPLIED MATHEMATICS

(HYBRID MODE)

In Collaboration with Eternal
University



NOV 20-22, 2024

AKAL UNIVERSITY,
TALWANDI SABO

www.auts.ac.in

KEY SPEAKERS



Prof. M. Ram Murti
Queen's University,
Kingston, Ontario,
CANADA



Professor Emeritus
S. K. Khanduja
Panjab University,
INDIA



Prof. A.M. Haghghi
Prairie View A&M University,
USA



Prof. S.M. Grad
ENSTA Paris, Pol.tech.
Institute of Paris,
FRANCE



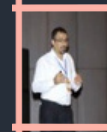
Prof Hai Q. Dinh
Kent State University,
USA



Prof. S. R. Ghorpade
IIT Bombay,
INDIA



Professor Shalabh
IIT Kanpur,
INDIA



Prof Erdal Karapinar
Çankaya University, Ankara,
TURKEY



Professor M. K. Yadav
HRI, Allahabad
INDIA



Prof. J. S. Chahal
BYU Provo,
US



Prof. V. E. Balas
"Aurel Vlaicu" University
of Arad,
ROMANIA



Prof. Jordan Hristov
University of Chemical
Technology and Metallurg
BULGARIA



Prof. A. G. Shannon
The University of New
South Wales,
AUSTRALIA



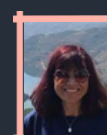
Prof D T Pham
The University of Birmingham
UNITED KINGDOM



Prof (Em) F. Samrandache
University of New
Mexico,
USA



Professor H. Ramos
University of Salamanca,
SPAIN



Prof Carla Pinto
University of Porto Rua do
Campo Alegre, Porto
PORTUGAL



Prof Mikhail Sheremet,
Tomsk State University
RUSSIA

PUBLICATION

- All the accepted abstracts will be published in the abstract book and will be shared to all the participants in soft copy.
- The accepted peer-reviewed papers will be published either in Scopus Indexed Journal "Palestine Journal of Mathematics" (Proposal Accepted) or Scopus Indexed conference proceedings by Springer* entitled "Analysis, Algebra and Allied Topics" (*Proposal Submitted).



ABOUT AKAL UNIVERSITY

Established under the Punjab Government Act No. 25 (2015) and approved under the Section 2(f) of UGC Act (1956) to confer degrees. Akal University has a mission and vision to establish permanent peace in the world through values based scientific education and spiritual rejuvenation creating good global citizens. With blessings of Sant Baba Attar Singh Ji Maharaj, the establishment of Akal University under the leadership of Founder Chancellor Baba Iqbal Singh Ji by the Kalgidhar Trust (Baru Sahib) is culmination of what the Tenth Sikh Guru, Guru Gobind Singh Ji, prophesied about three centuries ago. Akal University has been mandated to carry out activities pertaining to the three basic principles of higher education: Teaching, Learning and Research. The University is successfully running UG (Honors), PG and PhD programs in Mathematics, Physics, Chemistry, Botany, Zoology, English, Punjabi, Psychology, Commerce, Economics and Sri Guru Granth Sahib Studies, Computer Application, MBA, Education, Physiotherapy and Medical lab technician. Striving for excellence in teaching and research under the stewardship of Chancellor Baba Dr. Devinder Singh Ji and able guidance of Prof. (Dr.) Gurmail Singh, the University has faculty members who are highly qualified with exceptionally good academic records. The University has a firm resolve to provide a drug-free environment and to create a disciplined campus. Magnificent building with ultra-modern facilities for teaching and research is the hallmark of the University.

DEPARTMENT OF MATHEMATICS

The Department of Mathematics has been established to uplift and upgrade the standards of teaching, learning and research to meet the high levels of excellence and the requirements of today's competitive world. Some of humankind's most powerful and beautiful ideas lie in the field of Mathematics. The wide applicability of these ideas and their deep connection with the natural sciences have made this discipline one of the most fruitful arenas of human inquiry. Combining as it does the greatest creative freedom with the most stringent standards of rigor, Mathematics also happens to be the ideal training ground for learning a broad range analytical and problem-solving skills.

Akal University's programme of study for the Major in Mathematics has been designed to meet two primary goals:

- Students should be broadly exposed to the primary areas and the central ideas of contemporary Mathematics (as well as their applications); and
- Students should develop the skills of rigorous analytic reasoning along with a set of useful problem-solving skills and strategies.

ABOUT THE CONFERENCE

The 2nd International Conference on Evolution in Pure & Applied Mathematics-2024 is set to serve as a global forum for scientists, researchers, and educators, facilitating the presentation and discussion of cutting-edge innovations, trends, and applications across diverse branches of Mathematics. Embracing fields such as Algebra, Analysis, Number Theory, Numerical Analysis, Optimization and more, this conference aims to create a knowledge-sharing platform for researchers to congregate, exchanging insights on various research endeavors and fostering collaboration within different realms of mathematics. ICEPAM-2024 stands out as an exceptional opportunity for participants to engage in discussions about key findings, explore novel ideas, and connect with world-class leaders in the field. The event also encourages the sharing of experiences among peers, offering a rich environment for networking and collaboration. Moreover, ICEPAM-2024 is poised to provide researchers with avenues for collaboration with esteemed national and international organizations, enhancing the global reach and impact of their work. Anticipating a significant turnout, ICEPAM-2024 looks forward to attracting participants and submissions from across the globe, making it a dynamic and diverse gathering of minds dedicated to advancing the frontiers of mathematics.

TOPICS OF INTEREST INCLUDES BUT ARE NOT LIMITED TO

- **Combinatorics**
- **Special Functions**
- **Graph Theory**
- **Algebra and Its Applications**
- **Number Theory**
- **Topology**
- **Analysis**
- **Summability and Approximation Theory**
- **Numerical Analysis**
- **Bio- Mathematics**
- **Mathematical Modeling**
- **Operations Research**
- **Theoretical and Numerical Aspects of ODEs/PDE/Fractional DEs**
- **Differential Geometry and Applications**
- **Coding Theory**
- **Cryptography and Information Theory**

For More details visit:

[ICEPAM-2024 \(Website\)](#)



Instructions for Registration

1. Full Paper (Presentation and Publication)

Participants will be invited to give the presentation at the conference and accepted papers (after peer review) will be published either in Scopus Indexed Journal "Palestine Journal of Mathematics"(Proposal Accepted) or Scopus Indexed conference proceedings by Springer* entitled "Analysis, Algebra and Allied Topics". (*Proposal Submitted)

2. Abstract (Presentation only)

Accepted abstract will be invited to give the presentation at the conference. The abstract can be included in the program only.

3. Attending only

Any one interested can attend the conference after the registration.

4. Competing for "Baba Iqbal Singh Ji Award" for Best Paper Presentation:

This award will be given to a Mathematician for his contribution to emerging research areas in Mathematics. **The award carries a Certificate and a cash prize of Rs. 10,000/-**. The final result will be announced at the valedictory session. The eligibility criteria for applying under this award is as follows:

- (i) Any one can apply, irrespective of his/her nationality pursuing his research in Mathematics.
- (ii) The age of awardee should be less than **42** years as on **October 31, 2024**.
- (iii) The participant should have to present his work in **OFFLINE** mode during this conference.
- (iv) The competition requires that the paper to be presented must have a single author.

NOTE: The award will be conferred to the author of a paper selected by the Conference Chairs/ Committee. The decision criterion will consider both the paper quality (assessed by the Program Committee), and the oral presentation quality (feedback given by session chairs/ Judges).

Abstract Submission:

Submit your abstract at below link:

[Abstract Submission Link](#)

Registration Form

[Form Link](#)

Account Details:

Name of Account Holder:

Akal University

Account Number:

36112706739

IFSC:

SBIN0050058

MICR No:

151002253

SCAN & PAY



Important Dates

Last date of abstract submission	March 31, 2024
Notification of acceptance of abstract	April 20, 2024
Last date of Registration and full paper submission	April 30, 2024
Last date of registration for the Conference (Attending Only)	MAY 31, 2024

Important Note:

Registration fee doesn't include accommodation charges.

Registration Fee Details

Category	National (Rupees)	International (US Dollar)
Students (UG/PG)	1000	40
Research Scholars	1500	50
Academicians	2000	80
Industry Personnel	2500	100

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Professor H. Ramos University of Salamanca, SPAIN.

Prof Mikhail Sheremet, Tomsk State University RUSSIA.

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(Chancellor)

PATRON

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(Hon'ble Vice-Chancellor, Akal University)

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(Head, Department of Mathematics & Dean Student's Welfare, Akal University)

Dr. Sandeep Kaur

CO-CONVENER

Dr. Bharat Bhushan

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