

# **INTERNATIONAL CONFERENCE ON ALGEBRA, ANALYSIS AND APPLICATIONS**

**JANUARY 06 - 08, 2023 IN HYBRID MODE (BOTH ONLINE AND OFFLINE MODE)**

**Department of Mathematics, Manipal Institute of Technology, MAHE, Manipal – 576 104, Karnataka, India**

The aim of this international conference is to highlight the recent developments from modern algebra, analysis and demonstrate their applications in various domains. Indeed, it is encouraging to note that computer algebra has evolved as a discipline linking advanced analysis to the methods of various disciplines and thus offering many tools. The conference will focus on research areas such as Algebraic structures, Finite fields and applications, Discrete Mathematics, Functional analysis, Complex Analysis, Operator Theory, and related topics with recent developments in these areas. The event will provide an ideal platform for the faculty, research scholars, and the students in the various disciplines of science and engineering to reinforce their knowledge. The participants of this international conference will also be benefited from recent applications of modern algebra, analysis, and related topics.

Conference website link : <https://conference.manipal.edu/AAAManipal2023/>

**Special Issue : The selected papers will be published in Palestine Journal of Mathematics after the peer review process.**

## *Plenary Speakers*

**Ayman Badawi**, American University of Sharjah, UAE  
**Bijan Davvaz**, Yazd University, Iran  
**Günter Pilz**, Institut f. Algebra, Johannes Kepler Universität, Austria  
**E. K. Narayanan**, Indian Institute of Science, Bengaluru  
**Ravi P. Agarwal**, Texas A&M University-Kingsville, USA  
**Saminathan Ponnusamy**, Indian Institute of Technology Madras, Chennai  
**Stefan Veldsman**, La Trobe University, Melbourne, Australia

## *Invited Speakers*

**Anuradha Sharma**  
Indraprastha Institute of Information Technology - Delhi, India.  
**Bhavanari Satyanarayana**  
Acharya Nagajuna University, India  
**Hamid Reza Moradi**  
Shahid Sattari Aeronautical University of Science and Technology, Iran  
**Hemasundar G V V.**  
SIWS College, Mumbai, India  
**Hemen Dutta**  
Gauhati University, India  
**Karin Theresa Howell**  
Stellenbosch University, South Africa  
**Kent Neuerburg**  
Southeastern Louisiana University, USA  
**Madeleine Al-Tahan**  
Abu Dhabi University, UAE  
**Manjunatha Prasad**  
Manipal Academy of Higher Education, India

**Mark Farag**  
Fairleigh Dickinson University  
**Om Prakash**  
Indian Institute of Technology, Patna  
**Prasad T**  
Calicut University, India  
**Rajan A.R.**  
Kerala University, India  
**P. Sam Johnson**  
National Institute of Technology Karnataka , India  
**Shakir Ali**  
Aligarh Muslim University, India  
**Shankar B.R**  
National Institute of Technology Karnataka , India  
**Venku Naidu Dogga**  
Indian Institute of Technology Hyderabad, India  
**Violeta Foeta**  
Alexandru Ioan Cuza University of Iasi, Romania  
**J Jagan Mohan**  
BITS, Hyderabad, India

## *Past conferences*

- 2019 - 4<sup>th</sup> Alterman Conference-cum-Workshop on Computational & Geometric Algebra, and Workshop on Kähler Calculus**  
(sponsored by CSIR Govt. of India)
- 2017 - 2<sup>nd</sup> National workshop on Computer Application based on Modern Algebra**  
(sponsored by DST-NBHM-INSIA-ISRO-CSIR Govt. of India)
- 2015 - 24<sup>th</sup> International conference on Narrings, Nearfields and Related Topics**  
(sponsored by DST, DRDO, ISRO & KSTA, Govt. of India)
- 2013 - 1<sup>st</sup> National workshop on Computer Application based on Modern Algebra**  
(sponsored by DST- INSA-ISRO-DRDO Govt. of India)

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Chancellor, MAHE, Manipal

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Vice-Chancellor, MAHE, Manipal.  
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**Dr. Vinod V Thomas**  
Registrar (Evaluation), MAHE, Manipal.

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**Dr Sudhakara G.**  
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