



# National Conference on the Recent Developments in Mathematical Sciences-2025



February 05-07, 2025

Organized by  
School of Mathematics and Statistics,  
University of Hyderabad



## Call for Papers and Proposals

### About the University

The University of Hyderabad, a premier institution of postgraduate teaching and research in the country, was established by an Act of Parliament (Act No. 39 of 1974) on 2nd October 1974 as a Central University, wholly funded by the University Grants Commission, is a Unitary University situated at Gachibowli, Hyderabad. The Institute of Eminence status accorded by the Government of India to the University of Hyderabad in September 2019 is a recognition of the university's standing, ability and potential to move into the league of the world's best institutions. With additional funding and autonomy, we are positioned to figure in the World's 500 best Universities in the next few years. The University underwent a rigorous evaluation by the National Assessment and Accreditation Council (NAAC) of the University Grants Commission. The Apex Council of NAAC awarded the top grade to the University. The University was re-accredited by NAAC, awarding us a Cumulative Grade Point Average (CGPA) of 3.28 on a 4.0 scale at 'A+' grade for a period of 5 years up to January 2028 in the fourth cycle.

### About the School

The School of Mathematics and Statistics was a part of the School of Mathematics and Computer/ Information Sciences, as a department which was established in February 1978 with Prof. M. Venkata Raman, Formerly Head, Department of mathematics, Madurai University, as the first Dean of the School. The Department of Mathematics and Statistics was upgraded to School of Mathematics and Statistics on 22<sup>nd</sup> January 2013. Currently there are 19 faculty members with research specialization cutting across the broad areas of Algebra, Analysis, Geometry, Number theory, Applied mathematics, Statistics and Operation Research. The school has been able to receive recognition from various funding agencies. DST has selected this school under its FIST (Funds for Infrastructure in Science and Technology) (Level II) scheme. The school has also been chosen by the UGC for support under COSIST (Committee for Strengthening Infrastructure in Science & Technology) programme. It is also a recipient of the Special Assistance Programme (SAP) of the UGC. The National Board of Higher Mathematics, (NBHM) has recognized our library as a regional library of the NBHM. And thus provides library grant each year for subscribing journals in Mathematics and Mathematical Statistics.

### About the Conference

The main goal of this conference is to facilitate the researchers to stay abreast with recent developments in the areas of mathematics and computing. We are organizing parallel symposiums on the following topics: Dynamical Systems, Fractional Differential Equations, Differential Equations (ODE & PDE), Difference Equations, Time Scales, Algebra, Representation Theory, Number Theory, Algebraic Geometry, Fluid Dynamics, Complex Analysis, Functional Analysis, Fuzzy Logics, Probability and Statistics, History of Mathematics in India, Artificial Intelligence, IoT, Machine Learning, WSN, Data Mining, Theoretical Computer Science, Cryptography, Image Processing. The conference's scientific program will include invited talks, symposiums and paper presentations.

### Conference Venue

School of Mathematics and Statistics,  
East Campus, University of Hyderabad  
Prof. C. R. Rao Road, Gachibowli, Hyderabad-500046

### Important Dates

Last Date of Abstract Submission: 25<sup>th</sup> January 2025  
Last Date of Registration: 25<sup>th</sup> January 2025  
Acceptance of Abstract: 26<sup>th</sup> January 2025

### Registration Link

[shorturl.at/OsbOy](https://shorturl.at/OsbOy)

### Payment Details

[payuoh.uohyd.ac.in/](https://payuoh.uohyd.ac.in/)

### Accommodation

Necessary accommodations for outstation participants will be arranged on the University campus. The registration fee includes breakfast, lunch, tea/coffee and dinner for the three days of the conference.

### Chief Patron

Prof. B. J. Rao  
Vice-Chancellor,  
University of Hyderabad

### Advisory Committee

Prof. Amiya Kumar Pani, BITS-Pilani, Goa Campus  
Prof. A. K. Nandakumaran, IISc, Bengaluru  
Prof. Swaroop Nandan Bora, IIT Guwahati  
Prof. Ranjan Kumar Mohanty, South Asian University (SAU), New Delhi  
Prof. Sreenadh Konijeti, IIT Delhi  
Prof. Rajen Kumar Sinha, IIT Guwahati  
Prof. N. Parhi, Berhampur University (Retd.), Former Visiting Professor, NISER, Bhubaneswar  
Prof. Manoranjan Mishra, IIT Ropar  
Prof. Sasmita Barik, IIT Bhubaneswar  
Prof. Thirupathi Gudi, IISc, Bengaluru

### Organizing Committee

Prof. Saroj Panigrahi (Convener)  
Prof. Sachin Bhalekar (Member)  
Dr. M. S. Datt (Member)  
Dr. Mohan Chintamani (Member)  
Dr. Dharmender Kumar (Member)

### Invited Speaker

Prof. Amiya Kumar Pani, BITS-Pilani, Goa Campus  
Prof. Thirupathi Gudi, IISc, Bengaluru  
Prof. K. Sandeep, TIFR-CAM, Bengaluru  
Prof. Brundeban Sahu, NISER, Bhubaneswar  
Prof. Mausumi Bose, ISI Kolkata  
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Prof. G. P. Rajasekhar, IIT Kharagpur  
Prof. Ch. Srinivasa Rao, IIT Chennai  
Prof. Sreenadh Konijeti, IIT Delhi  
Prof. Sasmita Barik, IIT Bhubaneswar  
Prof. Sabyasachi Pani, IIT Bhubaneswar  
Prof. Swaroop Nandan Bora, IIT Guwahati  
Prof. Sukanta Pati, IIT Guwahati  
Prof. Rajen Kumar Sinha, IIT Guwahati  
Prof. Manoranjan Mishra, IIT Ropar  
Prof. Ranjan Kumar Mohanty, South Asian University (SAU), New Delhi  
Dr. Sudheesh Kumar Kattumannil, ISI Chennai  
Dr. Swarnendu Sil, IISc, Bengaluru  
Dr. S. C. Martha, IIT Ropar  
Dr. Navnit Jha, South Asian University (SAU), New Delhi

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### Registration Fee

Faculty Members and Industry Person: INR 4000/-  
Post Doctoral Fellow: INR 3500 /-  
Research Scholars: INR 3000/-  
Students Participant: INR 2000/-  
All participants have to pay GST 18% in addition to the registration fee.