

National Conference on Numerical Analysis and Applications

6 – 7 January 2022

Department of Mathematics
National Institute of Technology Puducherry
Karaikal - 609 609



About the Conference

The Department of Mathematics, National Institute of Technology Puducherry hosts the first National Conference on Numerical Analysis and Applications (NCNAA) during 6 – 7 January 2022. The objective of NCNAA is to inculcate essential knowledge on Numerical Analysis and Applications. To achieve this, the conference will feature plenary talks and contributed presentations. The sessions are designed to enrich the knowledge on recent developments in the advanced topics by eminent experts in Numerical Analysis. In addition, NCNAA will provide a platform for academicians, researchers and industry professionals to present their research findings and also will serve as a stage for exchanging insights into Numerical Analysis and Applications. In view of the unprecedented pandemic situation due to COVID-19, the conference will be hosted through virtual mode.

Topics of Interest

NCNAA–2022 focusses on topics which retain the common thread of Numerical Analysis. To name a few,

- Approximation Theory
- Development and analysis of numerical methods for Algebraic Equations and their systems, Ordinary Differential Equations, Partial Differential Equations, Integral Equations, Integro-Differential Equations, Delay Differential Equations, Fractional Differential Equations, Differential-Algebraic Equations and their analogs
- Computational Methods in Fluid Dynamics, Mathematical Physics, Dynamical Systems, Scientific and Engineering problems
- Optimization
- Scientific Computing
- Numerical Simulations and Applications
- Algorithms : Convergence, Accuracy, Stability, Complexity

Confirmed Speakers

- Dr. Arindama Singh, IIT Madras
- Dr. G. Chandhini, NIT Surathkal
- Dr. L. Jones Tarcus Doss, Anna University, Chennai
- Dr. K. Murugesan, NIT Tiruchirappalli
- Dr. Rajesh Kumar Pandey, IIT BHU, Varanasi
- Dr. Rajeswari Seshadri, Pondicherry University, Puducherry
- Dr. V. P. Ramesh, Central University of Tamil Nadu, Thiruvarur
- Dr. Y. N. Reddy, NIT Warangal

Call for Contributed Presentations

High quality research contributions, related to the conference objective and topics, are cordially invited for presentation at the conference. Interested participants should submit a brief abstract (in the prescribed \LaTeX format available in the conference website) through email to ncnaa.nitpy@gmail.com. All abstracts will be reviewed and the notification of acceptance will be sent to the contributor on or before December 29, 2021.

Eligibility & Registration

- The faculty members, Ph.D. research scholars, PG students from various institutes, universities, colleges and working professionals from industry, those who are having interest in the objectives of the conference, can register to attend this conference.
- Registration Fee : Rs. 300/-
- Those who wish to submit a brief abstract, for the contributed presentation, should register upon notification of acceptance. Others can register at any time before the last date for registration.
- For more details, please visit <https://sites.google.com/view/ncnaa2022>

Important dates

Submission of Abstract	: December 27, 2021
Notification of Acceptance	: December 29, 2021
Registration	: December 31, 2021
NCNAA–2022	: January 06–07, 2022
E–Certificates (only if 100% participation)	: January 14, 2022

Organizing Committee

- Dr. V. Balakumar Chairman
 - Dr. G. S. Mahapatra Secretary
 - Dr. V. Govindaraj Secretary
- E-mail : ncnaa.nitpy@gmail.com