

# INTERNATIONAL CONFERENCE ON MATHEMATICAL ANALYSIS AND APPLICATIONS, 2022

(ICOMAA-2022)

June 28-29, 2022

(Virtual Mode)



ORGANIZED BY

DEPARTMENT OF MATHEMATICS  
UNIVERSITY OF KALYANI  
KALYANI, 741235, W.B.



## ABOUT ICOMAA 2022

The objective of the Conference is to bring the leading experts and young researchers from different countries and from different part of our country in a common platform to exchange their views on recent development of different areas of Mathematics and its applications. Moreover, the Conference will stimulate and equip the researchers with important mathematical tools to handle practical challenges encountered in research. The conference includes keynote addresses and plenary sessions from experts and the presentation of contributed papers.

## ABOUT THE DEPARTMENT

The Department of Mathematics was established in the year 1963 as an Under Graduate Department and started Post Graduate course along with research program in Mathematics since the year 1966. This Department successfully conducts teaching and research jointly in different fields of Applied Mathematics and Pure Mathematics. The student intake capacity of the Department in the Post Graduate level is now 130. More than 250 Nos. of students achieved their Ph.D. degree from this department till 2021. A significant number of students of this department qualify NET/ GATE/ SET/ other competitive examinations in each year. After successful completion of the courses, the students perform higher studies in this university or different

reputed institutions and engage in teaching in schools, colleges, universities, institutes; and also placed in other Government/ Non-Government sectors.

## ABOUT UNIVERSITY OF KALYANI

The university was established on 1<sup>st</sup> Nov 1960 by 'The Kalyani University Act 1960' of the Government of WB. The University of Kalyani is a State University and its activities are guided by 'The Kalyani University Act, 1981 (amended up to 2001)', enacted by the Government of West Bengal. Guided by its emphasis on revolutionary research innovations, Kalyani University, has been actively involved in facilitating a sophisticated, state-of-the-art innovation centre where numerous students and researchers are gaining exposure to implementation oriented interdisciplinary projects that further strengthens their technical expertise. Sowing the seeds of unconventional research methodologies and unique innovations are one of the prime objectives of Kalyani University, West Bengal right from its inception.



## STEERING COMMITTEE

### PATRON

**Prof. (Dr.) Manas K. Sanyal**  
Vice-Chancellor  
University of Kalyani



### CONVENERS

Prof. Animesh Biswas  
Prof. Dibyendu De  
Dr. Amiya Das

### ORGANIZING COMMITTEE

1. Prof. Animesh Biswas,  
Head, Dept. of Mathematics, K.U.
2. Prof. Dibyendu De, Convener.
3. Dr. Amiya Das, Convener.
4. Prof. Indrajit Lahiri
5. Prof. Samares Pal
6. Prof. Sanjib Kumar Datta
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9. Prof. Avijit Sarkar
10. Dr. Sahidul Islam
11. Dr. Ramesh Mondal

### ADVISORY COMMITTEE

1. Prof. Keka Sarkar, Dean, Faculty of  
Science, KU
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4. Prof. D. Chakraborty, IIT Kharagpur
5. Prof. M. Lakshmanan, Bharathidasan  
University
6. Prof. B. B. Pal, University of Kalyani

### LIST OF INVITED SPEAKERS

1. **Walter Bergweiler**  
Christian-Albrechts-  
Universität zu Kiel,  
Germany
2. **Lorenzo Luperi Baglini**  
University of Milan,  
Italy
3. **Prof. Anjan Biswas,**  
Alabama A&M University  
USA
4. **Prof. Oscar Castillo**  
Tijuana Institute of  
Technology, Mexico
5. **Prof. Valentina E. Bălaș**  
Aurel Vlaicu University  
of Arad, Romania



**Others ...**

### TOPICS TO BE COVERED

The seminar includes (but not only limited to) the following topics:

Analysis, Algebra, Operations Research, Fuzzy Sets & Systems, Topology, Geometry, Fluid Dynamics, Continuum Mechanics, Discrete Mathematics, Mathematical Biology, Nonlinear Dynamics, Mathematical Physics, etc.

### CALL FOR ABSTRACT/ FULL LENGTH PAPER

Interested participants are requested to submit the Abstract/ Full paper of their original research work in MS Word along with Registration Form. Selected papers may be considered for publication as book chapters to be published by reputed international publishers after the conference.

### IMPORTANT DATES

Deadline for

Abstract/ Full paper submission: **21.06.2022**

Acceptance notification by e-mail: **23.06.2022**

### REGISTRATION

**Registration is free for all**

Participants are requested to fill up the  
Online Registration form (Link:

<https://forms.gle/SwSWVG8tmGO4diR79>)

The organizers have the full right to accept or reject  
Registration based on capacity

### CONTACT

Email: [icomaa2022@gmail.com](mailto:icomaa2022@gmail.com)