

**Conference Name:** 1st International Conference on "Role of Mathematics and Allied Sciences for Sustainable Development: Bridging Industry and Academia" (ICRMASDD: BIA-2024)

**Date and Venue:** April 26-27, 2024, Government College University Hyderabad, Sindh

## **CALL FOR PAPER**

The First International conference on the role of Mathematics and Allied sciences for Sustainable Development aims to provide a platform for research scholars, academicians, faculty members, students and industry professionals to discuss and explore the significant role that mathematics and allied sciences can play in driving sustainable development, particularly in bridging the gap between industry and academia.

- **Objective:**  
To encompass the emerging scenario in the field of Mathematics and Allied Sciences.
- **Platform:**  
Provides an esteemed platform that unites experts, researchers, professionals, and academics from diverse fields across the globe.
- **Purpose:**  
Facilitates the exchange of knowledge, the sharing of ideas, and the cultivation of collaboration on cutting-edge topics related to the Conference Themes, but not limited to.
- **Formats:**  
**In Person Option:** Offers the opportunity to attend physically at GC University Hyderabad, Sindh Pakistan, fostering meaningful connections and collaborations.  
**Virtual Option:** Provides a virtual speaking option to accommodate diverse preferences and circumstances, ensuring valuable insights reach a global audience while overcoming travel challenges.

## **THEMATIC AREAS**

- Algebra & Number Theory
- ABC Derivatives
- Applied mathematics for Sustainable development
- Artificial Intelligence
- Cryptography
- Differential Equation
- Divine Mathematics
- Discrete Mathematics
- Divine Economics
- Drone Technology & Environmental Monitoring
- Data Science
- Financial Mathematics
- Fractal Geometry
- Fluid Dynamics
- Graph theory
- GNSS GIS & Remote Sensing
- Industrial Mathematics
- Infectious Disease Modeling
- Mathematical Statistics

- Mathematical Modeling and Simulation
- Mathematical Physics
- Mathematical Biology
- Mechanical Assemblies
- Mathematical Analysis
- Numerical Analysis
- Nano Technology
- Operations Research
- Topology
- Transportation modeling
- Urban Modelling
- Optimization technique
- PDE & ODE
- Space Science
- Measure Theory



# GC UNIVERSITY HYDERABAD

## 1<sup>st</sup> INTERNATIONAL CONFERENCE ON ROLE OF MATHEMATICS AND ALLIED SCIENCES FOR SUSTAINABLE DEVELOPMENT: BRIDGING INDUSTRY AND ACADEMIA (ICRMASD:BIA)



Patron-in-Chief

Prof. Dr. Tayyaba Zarif  
Vice Chancellor  
GC University Hyderabad



Chief Organizer

Dr. Kamran Malik  
(Chairman)  
Department of  
Mathematics GCUH



Secretary

Dr. Mushtaque Hussain  
(Associate Professor)  
Mathematics GCUH



Organizer

Dr. Muhammad Ilyas  
(Assistant Professor)  
Mathematics GCUH

26-27<sup>th</sup>  
April  
2024

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## THEMATIC AREAS

- |   |  |                           |
|---|--|---------------------------|
| • Algebra & Number Theory                         | • Data Science                         | • Mechanical Assemblies   |
| • ABC Derivatives                                 | • Financial Mathematics                | • Mathematical Analysis   |
| • Applied mathematics for Sustainable development | • Fractal Geometry                     | • Numerical Analysis      |
| • Artificial Intelligence                         | • Fluid Dynamics                       | • Nano Technology         |
| • Cryptography                                    | • Graph theory                         | • Operations Research     |
| • Differential Equation                           | • GNSS GIS & Remote Sensing            | • Topology                |
| • Divine Mathematics                              | • Industrial Mathematics               | • Transportation modeling |
| • Discrete Mathematics                            | • Infectious Disease Modeling          | • Urban Modelling         |
| • Divine Economics                                | • Mathematical Statistics              | • Optimization technique  |
| • Drone Technology & Environmental Monitoring     | • Mathematical Modeling and Simulation | • PDE & ODE               |
|   | • Mathematical Physics                 | • Space Science           |
|   | • Mathematical Biology                 | • Measure Theory          |

For Abstract Submission

[icrmassd@gcu.edu.pk](mailto:icrmassd@gcu.edu.pk)

Publications

Selected papers will be published

IMPORTANT DATES

LINK FOR FREE REGISTRATION



### **Conference Organizers**

#### **Department of Mathematics Government College University Hyderabad, Sindh**

Chief Organizer

Dr. Kamran Malik (Chairman)  
Department of Mathematics GCUH

Secretary

Dr. Mustaque Hussain  
(Associate Professor)  
Mathematics GCUH

Organizer

Dr. Muhammad Ilyas  
(Assistant Professor)  
Mathematics GCUH

### **Conference Co-Organizers**

- 2. Dr. Shaheen Abbas (Associate Professor)**  
**Chairperson Department of Mathematical Sciences FUUAST**  
**Mathematical Sciences Research Centre/ Department of Mathematical Sciences Federal**  
**Urdu University of Arts, Science and Technology**

- 3. Professor Dr. Asif Shaikh**  
**Chairman**  
**Department of Basic Sciences and related Studies Mehran University of Engineering and**  
**Technology**  
**Professor Dr. Tanveer Hussain**  
**(Department of Mechanical Engineering MUET)**