NCRDMCS23

14th March, 2023

National Conference on Recent Developments in Mathematics & Computer Science

Jointly organized by:

Mizoram Mathematical Research Association (MMRA)
&
Dept. of Mathematics, Gov't Champhai College

Inaugural Programme

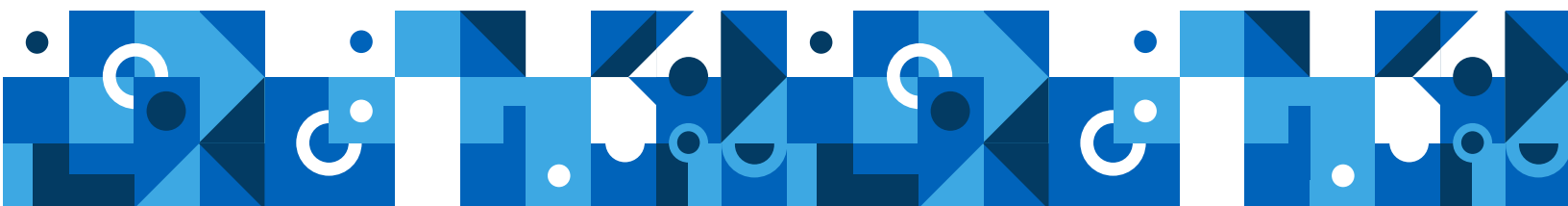Time: 6:00 pm (IST), Monday, March 13, 2023

1) Chairman   **:** Dr. Lalawmpuia, Chairman, MMRA

2) Chief Guest   **:** Prof. M. Sundararajan,
Professor and Head,
Dept. of Mathematics and Computer Science,
Mizoram University

3) Guest of Honour   **:** Dr. LP Lalduhawma,
Asso. Professor and Head,
Dept. of Applied Mathematics and Statistics,
Pachhunga University College

4) Vote of thanks   **:** Organiser Secretary

Technical Session

1) Session I   **(13 March 2023):**
                      Chairperson: Dr. C. Zorammuana,
                                        Asst. Professor,
                                        Lunglei Gov't College.

                                        • Invited Speaker 1
                                        • Presentations

2) Session II   **(14 March 2023):**
                      Chairperson: Dr. Samuel Lalmuanawma,
                                          Asst. Professor,
                                          Gov't Champhai College.

                                        • Invited Speaker 2
                                        • Presentations

Invited Speakers:

1)   **Dr. Lalrinpuia Tlau**, Asst. Professor, Dept. of Mathematics, NIT Puducherry
2)   **Dr. J. Lalvohbika**, Asso. Professor, Dept. of Mathematics, PUC, Mizoram

Organizing Committee

Conveners: Dr. Lalawmpuia, Chairman, MMRA
                    Dr. R. Lianngenga, Asst. Professor and Head, GCC

Organizing Secretaries: Mr. C. Zosangzuala, GS, MMRA
                    Mr. A. Lalchhuangliana, President, MMRA
                    Mr. Vanlalruata Hnamte, Secretary (Media and Publicity), MMRA
                    Mr. Robert Sumlalsanga, Vice President, MMRA

Organizing Treasurer: Ms. Marina Lallawmzuali, Asso. Treasurer, MMRA
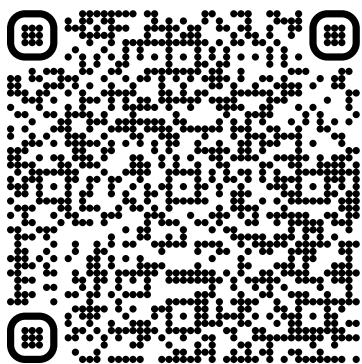
Members: Mr. P. Lalhmingliana, Asso. Professor and Principal, GCC
                    Dr. F. Lalfakawmi, IQAC Co-ordinator, GCC
                    Ms. Vanlalkroshlui, Asst. Professor, Dept. of Mathematics, GCC
                    Dr. Mohan Khatri, Asso. Secretary, MMRA
                    Mr. Sanjay Debnath, Vice President, MMRA

Registration & Submission

Online Registration   :   From 1st to 9th March, 2023

Abstract Submission   :   1st to 7th March, 2023

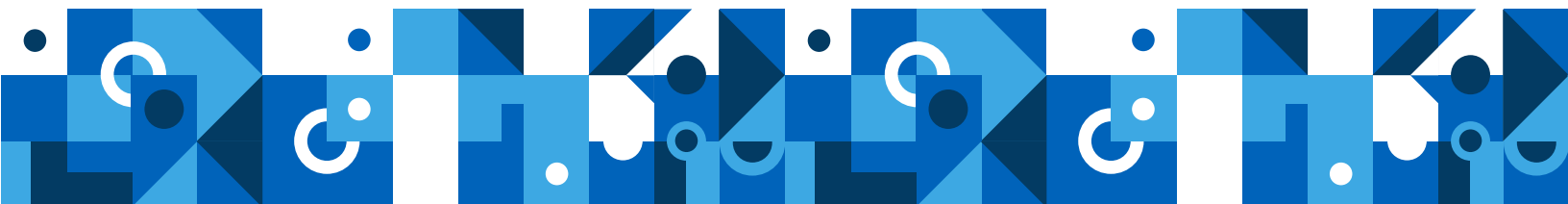**Time for Conference**   :   13th and 14th March, 2023 @ 6:00 PM IST.

e-Certificate will be issued to all the participants and presenters who complete the registration and attend the conference.

Click here or Scan the QR to register as participant.

Click here or Scan the QR to submit abstract.

Conference Theme

Mathematics is about as fundamental to computing as we can get. Mathematicians solved a centuries-old mankinds' question, proved the best way to minimize the surface area of clusters of up to several bubbles, and proved a sweeping statement about how structure emerges in random sets and graphs.

The intention of this conference is to study the recent trends in present-day mathematics and computer science, and role of mathematics in other disciplines. Trends of application areas of mathematics at the wake of the twentieth century, to look at the changes in mathematics application as a result of the modern approach.

Through mathematical modelling, numerical experiments, analytical studies and other mathematical techniques, mathematics can make huge contributions to many fields; mathematics and discoveries in other fields, and to address the current thinking of collaborative and interdiscipline mathematics and the examples of application areas where mathematics is emerging as a vital component with great opportunities for inter discipline research.

Research areas are many and exciting. They include (but not limit to):

1) Mathematics for materials science; Combinatorics, Continuum mechanics, Fluid dynamics, Geometry and Topology.
2) Security issues (mathematics for Information and Communication, Mathematics for sensors, mobile communication as well as network security and protection).
3) Demands in software reliability where mathematics is needed for computer language, architecture, etc.
4) Requirements for automated decision making (probability, stochastic analysis, mathematics of sensing, pattern analysis, and spectral analysis), and
5) Future systems (lighter vehicles, smaller satellites, ICBM Interceptors, Hit before being Hit, secured wireless communication systems, super-efficient energy/power sources, modeling and simulations, robotics and automation.