

International Conference on Recent Advances in Applied Mathematics (RAAM 2023)

June 20-22, 2023



BITS Pilani
Dubai Campus, UAE



ABOUT THE CONFERENCE

Unlike the conventional conferences, the International Conference on Recent Advances in Applied Mathematics (RAAM 2023) is an annual meeting, one of a kind, which brings along researchers and academicians from different parts of India and abroad who closely work on different areas of Applied Mathematics. Proposed by the senior professors of some of the highly reputed institutions of India, such as IITs, it is coming up for the very first time and intended to be organized annually for the years to come. The aim of this annual international meet will be making a fruitful collaboration among the researchers and academicians from IITs, NITs, Central Universities, as well as State and Private Universities ranked globally. This conference would benefit the participants in many ways as they would get to know and discuss about each other's research work, the recent advances in the different areas of Applied Mathematics and to collaborate with the researchers across India and abroad. Most of the subject areas falling under Applied mathematics such as, Mathematical Physics, Fluid Mechanics, Scientific Computing, Control and Dynamical Systems, Mathematical Biology, Mathematics in Data Science and Machine Learning, and many more, are covered under the various themes of the conference. Away from the academic responsibilities and long teaching hours, this conference is being organized during the summer vacation, in the lively city of Dubai, which will also help the participants revive themselves for the next academic year to come.

ABOUT BITS PILANI

Birla Institute of Technology and Science, Pilani (BITS Pilani) is an institution of international repute, with the Institute of Eminence tag being granted by the Government of India. Over the years, BITS Pilani has provided the highest quality technical education to students from all over India and abroad admitted on the basis of merit only. BITS Pilani has three campuses in India (Pilani, Goa & Hyderabad) and one international campus in Dubai (U.A.E).

BITS Pilani, Dubai Campus is one of the largest and the only institution exclusively dedicated to Engineering and Technology education in Dubai. It attracts a large number of students from UAE, other GCC countries, Asia, Africa and the Far East. At the Dubai Campus, BITS Pilani offers B.E., M.E., M.B.A. and Ph.D. programmes in various engineering and allied disciplines and more than 1300 students are admitted at the campus from over 20 countries world-wide. The vibrant campus has state-of-the-art infrastructure and provides an opportunity to acquire best quality education in an international environment from well-experienced, highly qualified and dedicated faculty and research facilities.

ABOUT DEPARTMENT OF MATHEMATICS

The Department of Mathematics has been working as a supporting department to all the Engineering Departments from its very inception in the year 2000. The department focuses on the creation and application of knowledge and creates interest among students for learning basic sciences by simplifying the topics and including more applications in engineering. It encourages research interest amongst faculty and students.



INTERNATIONAL ADVISORY COMMITTEE

- Prof. Satyajit Roy, IIT Madras, India
- Prof. Murthy PVS, IIT Kharagpur, India
- Prof. Jitesh Gajjar, University of Manchester, England
- Prof. Precious Sibanda, UKZN, South Africa
- Prof. Vajravelu K, University of Central Florida, USA
- Prof. Premananda Bera, IIT Roorkee, India
- Prof. Rajen Sinha, IIT Guwahati, India
- Prof. TVS Sekhar, IIT Bhubaneswar, India
- Prof. GP Raja Sekhar, IIT Kharagpur, India
- Prof. Satyananda Panda, NIT Calicut, India
- Prof. Ebrahim Momoniat, UJ, South Africa
- Prof. Siddheshwar PG, Christ (Deemed Uni.), India
- Prof. Srinadh S, SV University, Tirupati, India
- Prof. Srinivas S, VIT Amaravati, India
- Prof. Jagadeesh Kumar MS, VIT Vellore, India
- Dr. Ram Prakash Sharma, NIT Arunachal Pradesh, India
- Dr. Sreedhara Rao G, UWI, Trinidad and Tobago

ORGANIZING SECRETARIES (BITS Pilani Dubai Campus)

- Prof. K. Kumar, BITS Pilani Dubai Campus, UAE
- Dr. Shashank Khurana, BITS Pilani Dubai Campus, UAE

ORGANIZING SECRETARIES (International)

- Dr. R. Sivaraj, NIT Jalandhar, India
- Dr. Hari Shankar Mahato, IIT Kharagpur, India
- Dr. Peri Kameswara Kameswaran, VIT Vellore, India
- Dr. Rashmi Dubey, UPES, Dehradun, India
- Dr. Victor Job, UWI, Mona, Jamaica

IMPORTANT DATES

Registration deadline	: March 15, 2023
Extended Abstract Submission	: March 25, 2023
Letter of Invitation to the Speakers	: March 30, 2023
Final Registration	: April 17, 2023

The extended abstract in the specific format should be sent to

- Dr. R. Sivaraj at sivarajr@nitjac.in with a copy to
- Prof. PVS Murthy at pvsnm@maths.iitkgp.ac.in.

The extended abstract should not exceed one page and the format will be sent to the registered participants. An e-Proceedings of the conference including the extended abstract will be given to all participants.

SPEAKERS

The target audience of this conference are established researchers and faculties from globally ranked Universities/Institutes. All registered faculty participants will be the speakers.

Registration Fee:- Speakers (Offline): AED 365

VENUE AND IMPORTANT LINKS

① **BITS Pilani, Dubai Campus, UAE**

② **Registration:** <https://forms.gle/ujEHYbM7dKoZsu5i9>

Organized By:
Department of **Mathematics**
BITS Pilani -Dubai Campus, UAE

