



National Conference on Ancient and Modern Mathematics (NCAMM 2019)

February 23-24, 2019

Organized by Department of Applied Mathematics, Maharaja Bir Bikram University, Agartala, Tripura, India

Call For Papers

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It is in the roots where the future of a tree lies. **Sri Bharati Krishna Tirthaji Maharaja** (1884-1960) rediscovered the roots of Indian Mathematics in form of *Sixteen Sutras* (Eternal Formulae) from the **Vedas** (*Rgveda, Samaveda, Yajurveda and Atharvaveda*) between 1911 and 1918.



Sri Bharati Krishna Tirthaji Maharaja



Srinivasa Ramanujan Iyenger

In this holistic work **Sri Bharati Krishna Tirthaji Maharaja** unfolded the secrets of interrelation between Mathematics and Spiritualism. Before him ancient Indian Mathematicians like **Aryabhata** (476–550) who proposed celestial configuration, formula of roots of a quadratic equation invented by **Sridharacharya** (870-930) and invention of zero by **Brahmagupta** (598-668) paved the illustrious road of **Indian Mathematics**. Modern era of Indian Mathematics was pioneered by the world famous mathematician **Sri Srinivasa Ramanujan Iyenger** (1887-1920) who revolutionized the **Modern Number Theory**. He once said *an equation has no meaning unless it expresses a thought of God*. That is the beauty of Mathematics. It is the language of Nature. That is probably why all natural phenomena can be explained in the language of Mathematics and mathematical terms. The theology between mankind and Nature can be described by the interconnectedness of Ancient and Modern mathematics.

OBJECTIVE: The main objective of this conference is to gather the mathematical minds Vedic to Modern to explore the interrelation between Ancient and Modern Mathematics. It will also provide an important platform to young researchers to interact with eminent academicians and present their research in front of esteemed scholars. Together we will enquire into the uniqueness of mathematics that binds us with the Nature.

FIELDS: (1) Vedic Mathematics and its applications, (2) Algebra and Analysis, (3) Nonlinear Dynamics, (4) Solid and Fluid Dynamics, (5) Soft Computing (6) Fuzzy Theory, (7) Optimization and Operations Research, (8) Statistics, (9) Mathematical Physics, Chemistry, Biology, (10) Theory of Relativity, (11) Discrete Mathematics and Graph Theory

CONVENER

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VENUE



Academic Building, MBB University

VENUE:

Department of Applied Mathematics, Maharaja Bir Bikram University, Agartala, Tripura-799 004

ABOUT TRIPURA AND AGARTALA:

Tripura is one of the *Seven Sisters* states of North-East India. It is immortal through the novels of the great *Rabindranath Tagore*. Agartala is the capital of Tripura. Holy shrine Tripureswari temple is situated about 50 KM from Agartala. Other attractions of Agartala are: State Museum at Ujjayanta Palace, Sipahijala Wildlife Sanctuary (habitat of spectacled monkey *Trachypithecus phayrei*), Kasba Kali Temple, Nirmahal etc. Agartala is well connected by Air with Kolkata, New Delhi and Guwahati as well as by bus/train from Silchar, Shillong, Guwahati and Dhaka (capital of Bangladesh). For sightseeing visit: www.Tripuratourism.com.

MAHARAJA BIR BIKRAM UNIVERSITY, AGARTALA:

It is a State University of Tripura and bears the name of the last King of Tripura *Maharaja Bir Bikram Kishore Manikya*. MBBU was established on 1st November, 2015. It consists of four PG Departments: Applied Mathematics, English, Public Administration and Library & Information Science. Maharaja Bir Bikram College, Bir Bikram Memorial College and Law College are affiliated to MBB University.

SUBMISSION OF ABSTRACTS: The abstract (within 300 words) of the invited/contributory talk has to be mailed to ncamm2019@gmail.com in Latex/Word along with PDF format. Selected papers of this conference may be published in the form of conference proceedings. Relevant dates of review process of this proceeding publication will be notified in due course.

KEY DATES:

Last date of <i>Abstract</i> submission:	15 th January, 2019
Abstract Acceptance Notification:	22 th January, 2019
Last date of submission of Registration Form with fee:	7 th February, 2019

REGISTRATION FEES:

Before 8 th February, 2019	After 7 th February, 2019
a) General: Rs 1000	Rs 1500
b) Student (with Student ID): Rs 300	Rs 400

Registration fee has to be deposited by **e-transfer**. Please provide the Transaction ID in the registration form.

Account No: 38108923095

In favor of: NCAMM2019

Bank Name: State Bank of India, MBB College Branch

IFSC: SBIN0009126

Duly filled Registration Form has to be sent to ncamm2019@gmail.com.

ACCOMMODATION:

The participants have to arrange their own accommodation at Hotels/State Guest House/Youth Hostel.

TRANSPORT TO VENUE:

Rented vehicles and Autos are available from Agartala Airport (IXA) to the venue. **FOR ANY QUERY** contact *Dr. Runu Dhar* (08837275378) and *Dr. Debadatta Adak* (08777385202).

Websites **M. B. B. University:** www.mbbuniversity.ac.in