# International Conference ON

## History and Recent Development in Mathematics, with Applications in Science and Technology

**December 17th to 19th 2019**

### Participant's Registration Form

Name:_____ Gender:_____

Designation:_____

Organization:_____

Address:_____

_____

Mobile No.:_____

Email Id:_____

Category: ☐ PG Student  ☐ Research Scholar
☐ Faculty  ☐ Industry Person

Registration Fees:_____

Bank:_____ Dated:_____

**Payment Details:**

(Please include charges for each accompanying person @ Rs.1000/-)

Bank on Which Drawn:_____

Accommodation Required?  YES ☐  NO ☐

Arrival Schedule:_____

Departure Schedule:_____

Title of Talk/Paper to be Presented:_____

> **Declaration :** This paper has neither been published earlier nor submitted for publication in any Conference/Symposium/Seminar

Place:_____

Date:_____          Signature

**Note:** Please send the filled out form along with Draft/Local Cheque to the Organizing Secretary latest by November 30, 2019.

## Institute and Campus at a Glance

The Madhuben and Bhanubhai Patel Institute of Technology (MBIT) is one of the successful establishments of the Charutar Vidya Mandal (CVM), specializing in the field of Computer Engineering and Information Technology. Ever since its being founded in 2009, it has achieved good academic results and the graduates from the institution are now well-placed in business and industries. During its decade-long existence MBIT has always endeavored to make students, faculty and industry persons well-versed in state-of-the-art technologies and research. The campus is known as New V V Nagar. It was developed by Dr C L Patel and presently managed by the Chairman, Charutar Vidya Mandal, Er. Bhikhubhai B. Patel. There are at present 48 institutions run by CVM in the sprawling New Vallabh Vidyanagar campus extending over 40 hectares of picturesque land which is continually being developed with modern facilities. It is situated about 8 kms away from Anand, and the nearest airports are Ahmedabad (80 kms) and Vadodara (45 kms). Anand is well connected by rail (Western Railway) and road (Expressway) to these two cities. The famous Statue of Unity, the Birth Place of Sardar Patel, Science city, Akshar Dham temple and Kankaria are within 150 kms by road.

## Indian Society for History of Mathematics

Indian Society for History of Mathematics (ISHM) was founded by Late Professor Udita Narayana Singh in the year 1978. The Society aims to promote studies in History of Mathematical Sciences, and to create awareness in the community about the subject, providing a forum for exposition of ideas by way of organizing periodic national and international meetings on the subject. The ISHM has also been bringing out the bulletin Ga☐ita Bh☐rat☐ ever since its inception. For more details about the Society, please refer to the website www.indianshm.org.

## Local Hospitality

Registered participants will be provided with free Conference kit, lunches, and tea/coffee at the conference venue during the conference days. Shared accommodation for the outstation participants will be arranged in the University Guest Houses/Hostels. Free local transport between the venue and the assigned guest-houses shall be provided. Those interested in accommodation in nearby city hotels on payment may request for the same. We look forward to arranging cultural programs during the conference giving a flavor of the local culture, and sightseeing tours to nearby sites of interest, from historical and other points of view, for the participants may also be arranged.

**Celebrating Platinum Jubilee of CVM**

**SINCE 1945  75  SEVENTY FIFTH YEAR OF EXCELLENCE**

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## History and Recent Development in Mathematics, with Applications in Science and Technology

**December 17th to 19th 2019**

www.ichdmast2019.mbit.edu.in

— Organized by: —

**Indian Society for History of Mathematics**

www.indianshm.org

**and**

**Madhuben and Bhanubhai Patel Institute of Technology**

New V. V. Nagar 388121, Gujarat, India.
www.mbit.edu.in

— In Collaboration with: —

**Gujarat Technological University**

Sponsored by:

सत्यमेव जयते
Government Of India
National Board for Higher Mathematics

Supported by:

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY · GOVERNMENT OF GUJARAT

**DST**
Department of Science & Technology
Government of Gujarat

## About the Conference

The conference will cover all aspects of the History of Mathematical Sciences and recent developments, covering Mathematics, Statistics, Operation Research, Computer Science and applications to Engineering and applied sciences. In particular, the conference will focus on the following areas:

1. Ancient Indian mathematics
2. Mathematics of the indigenous cultures around the world
3. Mathematics of Renaissance period
4. Mathematics of the recent centuries
5. General histories source books and biographies of mathematicians
6. History of mathematics in Educational curricula
7. Recent developments and future prospects in applications of mathematics
8. Fuzzy sets and logic, Fourier transform, wavelet transform
9. Chaos and fractals
10. Mathematics in Engineering sciences
11. Mathematics in Biosciences
12. Mathematics in Physical sciences

## Objective

The objective of the conference is to provide a platform to the researchers, mathematicians, scientist, engineers and industry persons working in and using mathematics in their work. This conference may bequeath an opportunity to exchange ideas on recent advances in areas related to history of mathematics, to various topics in mathematics and applications in engineering. It will accommodate presentations on a wide range of topics to facilitate inter-disciplinary exchange of ideas in science, engineering and related disciplines, and foster various types of academic collaborations.

## Submission of Papers

Papers covering topics pertaining to the above areas are invited for the conference. The authors are requested to submit the full version of their papers in publishable form latest by November 1, 2019 along with the abstract. Paper Template and Registration Link are available on conference Website (www.ichdmast2019.mbit.edu.in). The Book of Abstract of the conference will be published.

## Important Deadlines

Abstract submission: November 1, 2019
Acceptance : November 20, 2019
Registration : November 30, 2019

Note: An additional amount of Rs. 500/- will be payable for registration after November 30, 2019. Life members (SAARC) of the ISHM of all categories will be entitled to a discount of Rs. 500/- on Registration fees.

## Registration Fee:

| Participants | For Delegates from SAARC | Delegates from other countries |
|---|---|---|
| Research Students | 1500 INR | 100 USD |
| Academicians | 2500 INR | |
| Industrialists | 3000 INR | |
| Accompanying Persons | 1000 INR | 50 USD |

All payments should be made either by a local Cheque or a Demand Draft drawn in favor of MBIT, payable at New V. V. Nagar, Gujarat latest by November 30, 2019.

## The Conference Organization

### Chief Patron

# Er. Bhikhubhai B. Patel

Chairman, Charutar Vidya Mandal,
Vallabh Vidyanagar

### Patron

# Prof. (Dr.) Archana Nanoty

Principal, MBIT,
New Vallabh Vidyanagar Nagar

### Conference Chairman

# Prof. S. G. Dani

President, ISHM;
UM-DAE CEBS, Mumbai

### Academic Program Committee

**M. C. Joshi** – Kumaun University, Nainital
**S. A. Katre** – S. P. Pune University, Pune
**V. D. Pathak** – M. S. University, Baroda

### Central Advisory Committee

**S. G. Dani** – President, ISHM; UM-DAE CEBS, Mumbai
**A. H. Hasmani** – Sardar Patel University, Vallabh Vidyanagar
**A. M. Vaidya** – Gujarat University, Ahmedabad
**J. C. Prajapati** – Sardar Patel University, Vallabh Vidyanagar
**M. D. Patel** – Sardar Patel University, Vallabh Vidyanagar
**M. H. Vasavada** – Sardar Patel University, V V Nagar
**S. J. Bhatt** – Sardar Patel University, Vallabh Vidyanagar
**Shraddha Ingale** – Ahmadnagar
**V. D. Pathak** – M. S. University, Baroda

## Scientific Advisory Committee

**S. G. Dani** – President, ISHM; UM-DAE CEBS, Mumbai
**Ara Basmajian** – CUNY, New York, USA
**Agathe Keller** – Paris Diderot University, France
**Athanase Papadopoulos** – Strasbourg Univ., France
**Charalampos Charitos** – Univ. Athens, Greece
**Clemency Montelle** – Univ. of Canterbury, NZ
**Georgios Daskalopoulos** – Brown Univ.,Providence, USA
**George G. Joseph** – The Univ. of Manchester, UK
**Galina Sinkevich** – St. Petersburg State Univ., Russia
**Jens Høyrup** – Roskilde Univ., Denmark
**Kim Plofker** – Union College Schenectady, NY, USA
**Massimo Picardello** – Univ. of Rome 2, Italy
**Norbert A'Campo** – Univ. of Basel, Switzerland
**Satyanad Kichenassamy** – Univ. of Reims Champagne-Ardenne, France
**Sumio Yamada** – Gakushuin Univ., Tokyo, Japan
**Rale Nikolić** – Metropolitan University, Serbia

## Organizing Committee

**S. G. Dani** – President – ISHM; UM-DAE CEBS, Mumbai
**M. C. Joshi** – Kumaun University, Nainital
**S. A. Katre** – S. P. Pune University, Pune
**Renu Chugh** – MD University, Rahtak
**D. J. Prajapati** – Organizing Sec., MBIT, New V. V. Nagar
**C. D. Patel** – Jt. Organizing Sec., MBIT, New V. V. Nagar

## Local Organizing Committee

| | |
|---|---|
| **B. N. Rajpara**, MBIT | **N. A. Pandya**, MBIT |
| **P. B. Soni,** MBIT | **T. A. Desai**, V. V. Nagar |
| **D. G. Patel**, MBIT | **V. R. Shah**, V. V. Nagar |
| **H. T. Chudasama**, MBIT | **M. A. Gohel**, New V. V. Nagar |
| **S. N. Gondaliya**, MBIT | **U. P. Acharya**, MBIT |
| **K. N. Patel**, MBIT | **B. H. Bhargav**, MBIT |
| **P. A. Pandey**, MBIT | **K. P. Patel**, MBIT |
| **P. S. Panchal**, MBIT | **S. K. Patel**, MBIT |

## Conference Communications

All communications regarding academic aspects addressed to:
**Dr. Mahesh C. Joshi** – Professor, Dept. of Mathematics, Kumaun University, Nainital, Uttarakhand-263002.
Email: **mcjoshi69@gmail.com** • Mob: **+91-9412438601**

All communications regarding local organization addressed to:
**Dr. Darshana J Prajapati** – Organizing Secretary Associate Professor, Department of Mathematics, MBIT, New V. V. Nagar 388121, Gujarat, INDIA
Email: **djprajapati@mbict.ac.in** • Mob: **+91-9428564021**

### General Body Meeting of ISHM

Notice: A meeting of the G. B. of ISHM shall be held on Wednesday, December 18, 2019 at 5.00 pm at the Dept. of Mathematics, MBIT, New V. V. Nagar. The members are requested to make it convenient to attend the meeting.

—Administrative Secretary