



Malaviya National Institute of Technology Jaipur
announces

Siddhant...The Math Festival

August 18-19, 2017

Organized by

Departments of Mathematics

Malaviya National Institute of Technology Jaipur

J. L. N. Marg, Jaipur -302017 (Rajasthan)

Website: <http://mnit.ac.in>

ABOUT MNIT

Malaviya National Institute of Technology (MNIT), Jaipur is one of the NITs established by Ministry of Human Resource Development, Government of India. The Institute, earlier known as MREC, was established in 1963 as a joint venture of the State and Central Governments. Later in 2002, the college was given the status of National Institute of Technology and on August 15, 2007, proclaimed *Institute of National Importance* through Act of Parliament. MNIT campus spreads over 325 acres of lush green area in the prime location of Jaipur city. The Institute has completed its Golden Jubilee year 2012-13 and as a part of year-long celebrations of its 50 years of teaching and excellence, various academic activities were organized. At present, in addition to research, consultancy and developmental activities, the Institute offers UG and PG (M. Tech./M.Sc. & Ph.D.) level courses to about 5000 students in almost all leading fields of engineering, technology, management and sciences.

ABOUT MATHEMATICS DEPARTMENT

The Department of Mathematics is one of the two departments which was established along with the establishment of the College in Jaipur. Prof. Late C. B. Rathi was the founder Head of this department. The department is well known for research at the national and international levels. Department has organized various National, International Conferences and Short Term Course in Mathematics. A large number of research articles in national and international journals have been published by faculty members and research scholars.

Department of Mathematics is one of the functionary departments of MNIT. In addition to the regular Mathematics courses offered for B.Tech., B.Arch., M.Tech., M.Arch., M.B.A. programmes, the department offers M.Sc. and Ph.D. Programmes in Mathematics. The Major research areas of the Department are: *Fluid Dynamics, Information Theory, Operation Research, Topology, Functional analysis, Special Functions, Integral Transform, Fractional Calculus, geometric function theory and complex analysis*. There is a wide spread interaction between mathematics department and various engineering departments in the field of teaching and research.

OBJECTIVES OF THE FEST

Mathematics has been mother of all sciences and knowledge of mathematics makes a person strong in every field of science and technology. Many organizations work to transform public perceptions of mathematics. The Math Festival aims to bring together some of the most fascinating mathematicians of our time to inspire and challenge participants of all ages to see math in new and exciting ways. Education and competition are intimately related. Competitions help in developing skills and knowledge through a learning process. The competitions will further promote the importance and awareness about the subject. The featured activities will be the quiz competition, poster competition, seminar, math art, lecture series and other simple activities. In order to remember the great legacy of India, the activities have been named after the great mathematicians of ancient India. Organizing such events, make the students active and employable by enhancing their overall development along with the academics.

Activities :

1. Bhaskaracharya Quiz on Mathematics
2. Ramanujan Poster Competition
3. Aryabhata Seminar
4. Varahmihir Math art
5. Shakuntla Devi Lecture series

Highlights of the event:

- There are attractive **prizes** for the winner and first runner up of all the activities. The **certificate of participation** will be given to all the participants.
- The event is open for participation to all the college students (Under graduate/Post graduate) irrespective of their discipline.
- Interested students/teams can register along with a forwarding letter from competent authority of their Institute. The forwarding letter & duly filled registration form along with registration fee should be submitted at Department of Mathematics, MNIT Jaipur.
- There can be maximum **three** members and minimum of **two** members in the team events .
- A student can participate in maximum two activities.
- Each Institute/Department can send a maximum of three entries in each activity.
- The rules for the activities may be changed without prior notification.
- In case of any dispute, the decision of organizing committee will be final.

IMPORTANT DATES

Last date of registration: **August 14, 2017**

After this late registration fees INR 100.00 is to be paid by the participant/team.

REGISTRATION FEES

Students/teams willing to participate should register themselves by filling the hard copy of registration form. The registration fee for each activity is to be paid separately and is as follows:

1. Bhaskaracharya Quiz on Mathematics (2-3 members per team) - INR 150.00
2. Ramanujan Poster Competition (solo entry) - INR 100.00
3. Aryabhata Seminar (Solo entry) - INR 100.00
4. Varahmihir Math art (Maximum 2 members in a team) - INR 150.00

The forwarding letter & duly filled registration form along with registration fee should be submitted at Department of Mathematics, MNIT Jaipur and may be sent so as to reach by **August 14, 2017** to:

Harshna Balhara (8377813277)/ Kailash Chander (9529821017)
Department of Mathematics,
Malaviya National Institute of Technology,
Jaipur 302017.

ORGANIZING COMMITTEE

Dr. Udaykumar Yaragatti, Director, MNIT, Jaipur (Patron)

Dr. Vatsala Mathur, HOD, Mathematics

Dr. Santosh Choudhary

Dr. Sanjay Bhatte

Dr. Varun Jindal

CONTACT DETAILS

Faculty Coordinators

Dr. Rashmi Jain, Professor, Department of Mathematics

Dr. Ritu Agarwal, Department of Mathematics

Student Coordinators:

Quiz Competition- Harshna Balhara (8377813277), Mansi Mittal (8171399097)

Seminar- Nitin (8949263682), Kailash Chander (9529821017)

Poster presentation- Ram Shiromani (8953670499), Vikas Kumar Verma (9672545824)

Math Art- Vaishali (7820820712), Akanksha Bansal (7056888794)

HOW TO REACH MNIT

Jaipur is well connected by road, rail and air services. MNIT is situated on Jawaharlal Nehru (JLN) Marg and is about 9 kms from Main- railway station as well as Central Bus Stand (Sindhi Camp) of Jaipur. Airport (located at Sanganer) is about 6 kms away from the Institute.

TENTATIVE SCHEDULE

Venue: MNIT Jaipur

Day 1 (Friday, August 18, 2017)

Inauguration	- 9:00 AM
Bhaskaracharya Quiz	- 9:30 AM
Ramanujan Poster Competition	- 2:00 PM
Varahmihir Math art	- 3:00 PM

Day 2 (Saturday, August 19, 2017)

Shakuntla Devi Lecture-I	- 9:00 AM
Aryabhata Seminar	- 10:30 AM
Valedictory function and certificate distribution	- 2:00 PM





Malaviya National Institute of Technology, Jaipur
Department of Mathematics

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2. Ramanujan Poster Competition (solo entry) - INR 100.00
3. Aryabhatta Seminar (Solo entry) - INR 100.00
4. Varahmihir Math art (Maximum 2 members in a team) - INR 150.00

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REGISTRATION FORM

Full Name : _____

Father's name: _____

Course name: _____ DOB: _____ Age: ____ Gender: _____

Department: _____

Organization: _____

Address of correspondence: _____

City: _____ State: _____ Pin Code: _____

Phone _____ Mobile No: _____ E-mail: _____

Registration for the activities: (Please Tick maximum two)

- | | |
|--|---|
| <input type="checkbox"/> Bhaskaracharya Quiz on Mathematics. | <input type="checkbox"/> Ramanujan Poster Competition |
| <input type="checkbox"/> Aryabhatta Seminar | <input type="checkbox"/> Varahmihir Math art |

Names of team members: 1. _____ 2. _____ 3. _____

Details of Registration Fee: Amount: Rs. _____ Mode of payment: Cash Other

Date : _____ Place: _____

Signature of Participant

Remarks of sponsoring authority:

Signature and stamp of the Sponsoring Authority/Head of Institution