



Ministry of Culture  
Government of India

**International Meet On Number  
Theory To Commemorate  
The 135th Birth Anniversary of  
Srinivas Ramanujan**

**Organized By**

**Vigyan Bharati , Brahmavart (Kanpur) Prant**

**Ministry of Culture, Govt. of India**

**&**

**Indian Institute Of Technology, Kanpur**

**Date:**

**27th February 2023 - 1st March 2023**

**Venue:**

**Indian Institute of Technology, Kanpur**










<https://www.Vibhabrahmavart.org/ramanujan>



<https://c3ihub.org/ntm2023> (Date : 28 & 1 March 2023)

## PROGRAMME AT GLANCE

- **Programme Schedule:**
- **Date : 27.02.2023**

Time	Session
09:00 – 09:55 AM	<b>High Tea</b>
10:00 - 10:55 AM	<ul style="list-style-type: none"> <li>• Inaugural Session</li> <li>• Screening of Short Film on Ramanujan's life</li> </ul>
11:00 - 11:15 PM	<p>Light on Ramanujan's Life</p>  <p>By Prof. Anokhe Lal Pathak B.N.D. College, Kanpur</p>
11:20 - 12:40 PM	<p><b>Vedic Mathematics - Fun &amp; Learn</b></p>  <p>Sh. Sujeet Singh, Kanpur (Vedic Math Expert)</p>
12:45 - 01:45 PM	<b>Lunch Break</b>
01:50 - 02:50 PM	<p>Fun with Coding &amp; AI</p>   <p>Sh. Anurag Gupta</p>
02:55 - 03:45 PM	 <p><b>The STEAM Show</b> By Team Tinker India Lab</p>
03:50 - 04:35 PM	  <p><b>Numerology &amp; Health/ Science Behind Yoga</b></p> <p>By Dr. B.N. Acharya M.D. (Hom.) Kanpur &amp; Yogacharya Amit Saxena Farrukhabad</p>
04:40 - 05:10 PM	<b>Valedictory Session</b>
05:10 - 05:30 PM	<b>High Tea</b>

## Organizing Committee Members



**Prof. Abhay Karandikar**  
**President**  
Vibha Brahmavart (Kanpur) Prant  
Director - IIT Kanpur



**Prof. Manindra Agrawal (Padamashri)**  
Program Chief Co-ordinator  
IIT Kanpur



**Prof. Nitin Saxena**  
Program Co-ordinator  
IIT Kanpur



**Prof. Somnath Jha**  
Program Co-ordinator  
IIT Kanpur



**Prof. Sudhanshu Shekhar**  
Program Co-ordinator  
IIT Kanpur



**Prof. Sunil Misra**  
Program Co-ordinator  
General Secretary  
**VIBHA Brahmavart (Kanpur) Prant**



**Sh. Kaustubh Omar**  
Program Co-ordinator  
**Convener**  
**VIBHA Brahmavart (Kanpur) Prant**



**Prof. Anokhe Lal Pathak**  
Program Co-Cordinator  
**Executive Member**  
**VIBHA Brahmavart (Kanpur) Prant**

## Glimpses of Curtain Raiser Events



9889060047, 9415079202,  
8953036836



Vibhakanpur360@gmail.com  
vijnana@rediffmail.com





## Organizers

- Prof. Abhay Karandikar, Director IITK
- Prof. Manindra Agrawal, CSE IITK
- Dr. Tanima Hajra, CEO C3i Hub
- Prof. Nitin Saxena, CSE IITK
- Prof. Sunil K Mishra, VIBHA
- Dr. Somnath Jha, MATHS IITK
- Dr. Sudhanshu Shekhar, MATHS IITK



**RAMANUJAN'S HOUSE IN KUMBakonam (~1900)**



**Town High School, Kumbakonam (~2003)**

# International Meet on Number Theory 28th February & 1st March 2023 Venue: Outreach Auditorium, IIT- Kanpur

## Speakers List:

1. Prof. U K Anandavardhanan, IIT Bombay
2. Prof. Stephan Baier, RKMVERI
3. Prof. Eknath Ghate, TIFR
4. Prof. Sanoli Gun, IMSc
5. Prof. Kiran S Kedlaya, UCSD
6. Prof. Mrinal Kumar, IIT Bombay/TIFR
7. Prof. V Kumar Murty, University of Toronto
8. Prof. Rafael Oliveira, University of Waterloo
9. Prof. C S Rajan, Ashoka University/TIFR
10. Prof. Michel Waldschmidt, Sorbonne University

## Schedule Feb 28

Time	Title	Speaker
09:15 - 09:30	Welcome	Prof. Abhay Karandikar
09:30 - 10:30	On the Landau Ramanujan constant: sums of two squares, families of binary forms	Prof. Michel Waldschmidt
10:30 - 11:00	Tea	
11:00 - 12:00	Galois representations	Prof. Eknath Ghate
12:00 - 12:15	Tea	
12:15 - 13:15	Fast multivariate multipoint evaluation	Prof. Mrinal Kumar
13:15 - 15:00	Break	
15:00 - 16:00	Zeta functions of algebraic varieties: theory and algorithms	Prof. Kiran S Kedlaya
16:00 - 16:30	Tea	
16:30 - 17:30	Singular Gauss sums and a non-abelian Polya-Vinogradov theorem	Prof. C S Rajan

## March 01

Time	Title	Speaker
09:30 - 10:30	To be given	Prof. V Kumar Murty
10:30 - 11:00	Tea	
11:00 - 12:00	The correlation coefficient in representation theory	Prof. U K Anandavardhanan
12:00 - 12:15	Tea	
12:15 - 13:15	Computational Variants of the General Lax Conjecture	Prof. Rafael Oliveira
13:15 - 15:00	Break	
15:00 - 16:00	Representations of integers by quadratic forms	Prof. Stephan Baier
16:00 - 16:30	Tea	
16:30 - 17:30	To be given	Prof. Sanoli Gun
17:30 - 17:40	Vote of thanks	Prof. Manindra Agrawal
19:30	Dinner	