

1st International Conference

on

Mathematical Optimization Theory and Applications

14–16 March 2026

Program Schedule



Department of Mathematical Sciences
IIT (BHU) Varanasi, UP 221005, INDIA



Program at a Glance

Venue for the entire program is the Department of Mathematical Sciences, IIT (BHU), Varanasi – 221005

Date	Program	Venue
March 14, 2026	Registration	LT 2.12
	Opening Ceremony	
	Group Photo	
	Keynote Talk	
	Plenary Talk	Ramanujan Hall Aryabhata Hall LT 2.11 LT 2.12 LT 2.21 LT 2.22 LT 2.31
	Invited Talk	
March 15, 2026	Keynote Talk	LT 2.12
	Plenary Talk	Ramanujan Hall Aryabhata Hall LT 2.11 LT 2.12 LT 2.21 LT 2.22 LT 2.31
	Invited Talk	
	Technical Sessions	
	Special Session on AI and Software	
	Banquet Dinner	
March 16, 2026	Best Paper Presentations	Ramanujan Hall
	Plenary Talk	Ramanujan Hall Aryabhata Hall
	Invited Talk	
	Technical Sessions	Ramanujan Hall Aryabhata Hall Faculty Building
	Valedictory Function	Ramanujan Hall
	Local Tour	Sarnath and Other Places



Conference Schedule			
March 14, 2026, Saturday			
Time	Speaker	Location	Chair
08:00—09:00	Breakfast Department of Mathematical Sciences, IIT (BHU)		
09:00—09:30	Registration (Kit collection)		
09:30—10:30	Inaugural Session: LT 2.12		
10:30—10:40	Group Photo		
10:40—11:00	High Tea Break		
	Keynote Talk		
11:00—11:50	Prof. Neeraj Misra	LT-2.12	Prof. Debjani Chakraborty
11:50—12:40	Prof. Debjani Chakraborty	LT-2.12	Prof. Santawana Mukhopadhyay
	Plenary Talk		
12:40—13:20	Prof. Radu Strugariu	LT-2.12	Prof. Neeraj Misra
13:20—15:00	Lunch Break		
15:00—15:40	Prof. Adrijit Goswami	LT-2.12	Prof. N. S. Upadhye
15:40—16:20	Prof. N. S. Upadhye	LT-2.12	Prof. Adrijit Goswami
16:20—17:00	Prof. Joydeep Dutta	LT-2.12	Prof. N. S. Upadhye
17:00—17:30	Tea Break		
	Invited Talk		
17:30—18:00	Dr. Mohd. Arshad	Ramanujan Hall	Dr. Naoki Marumo
	Dr. Suchandan Kayal	Aryabhata Hall	Dr. Radu Strugariu
	Dr. Kuntal Som	LT-2.11	Dr. S. K. Mishra
	Dr. Pankaj Gautam	LT-2.12	Dr. Kalyan Barman
	Dr. Vivek Laha	LT-2.21	Dr. Saroj Kumar Pani
	Dr. Vinay Pandey	LT-2.22	Dr. Avinash Dixit
	Dr. Raju Chowdhury	LT-2.31	Dr. M. K. Khandelwal
18:00—18:30	Dr. Kalyan Barman	Ramanujan Hall	Dr. Mohd. Arshad
	Dr. Prasit Chalamjiak	Aryabhata Hall	Dr. Suchandan Kayal
	Dr. Nitin Kumar	LT-2.11	Dr. Kuntal Som
	Prof. Anurag Jayswal	LT-2.12	Dr. Pankaj Gautam
	Dr. Avinash Dixit	LT-2.22	Dr. Vinay Pandey
	Dr. Akhmad Iqbal	LT-2.21	Dr. M. K. Khandelwal
	Dr. Laxman Saha	LT-2.31	Dr. Vivek Laha
	Technical Session-I		
18:30—18:40	Mithu Rani Kuiti	Ramanujan Hall	Dr. Mohd. Arshad
	Sumit Maheshwari	Aryabhata Hall	Dr. Suchandan Kayal
	Naveen Kumar	LT 2.11	Dr. Kuntal Som



	Athira V	LT 2.12	Dr. Pankaj Gautam
	Anita Barman	LT 2.21	Dr. M. K. Khandelwal
	Shivam	LT 2.22	Dr. Vinay Pandey
	Sharmistha Acharyya	LT 2.31	Dr. Vivek Laha
18:40—18:50	Nipa Jun-on	Ramanujan Hall	Dr. Pankaj Gautam
	Saroj Kumar Pani	Aryabhata Hall	Dr. Suchandan Kayal
	Anurag Sharma	LT 2.11	Dr. Kuntal Som
	Shubhayu Brahmachari	LT 2.12	Dr. Pankaj Gautam
	Anureet Kaur	LT 2.21	Dr. Vivek Laha
	Arindam Maity	LT 2.22	Dr. Vinay Pandey
	Gannamaneni Sai Charan	LT 2.31	Dr. Raju Chowdhury
18:50—19:00	Shweta Upadhyaya	Ramanujan Hall	Dr. Avinash Dixit
	Aswani Thomas	Aryabhata Hall	Dr. Suchandan Kayal
	Atrii Roy	LT 2.11	Dr. Kuntal Som
	Harvinth K	LT 2.12	Dr. Pankaj Gautam
	Nityansh Pant	LT 2.21	Dr. Vivek Laha
	Krishna Gupta	LT 2.22	Dr. Vinay Pandey
	Anu Karwashra	LT 2.31	Dr. Raju Chowdhury
19:00—19:10	Abhijit Datta Banik	Ramanujan Hall	Dr. Saroj Kumar Pani
	Watcharapon Yajai	Aryabhata Hall	Dr. Avinash Dixit
	Tina Sharma	LT 2.11	Dr. Kuntal Som
	Sonam Sharma	LT 2.12	Dr. Pankaj Gautam
	Meenakshi	LT 2.21	Dr. Vivek Laha
	Ashwani Dubey	LT 2.22	Dr. Vinay Pandey
	Suman Ghosh	LT 2.31	Dr. Raju Chowdhury
19:10—19:20	Ruchira Goel	Ramanujan Hall	Dr. Akhmad Iqbal
	Deepak Chandra Sau	Aryabhata Hall	Dr. Avinash Dixit
	Mayank Jashnani	LT 2.11	Dr. Kuntal Som
	Katyayni Priya	LT 2.12	Dr. Pankaj Gautam
	Kartikyan	LT 2.21	Dr. Vivek Laha
	Ayushi Verma	LT 2.22	Dr. Vinay Pandey
	Ganesh Kumar Sahoo	LT 2.31	Dr. Raju Chowdhury
19:20—19:30	Haridas Mondal	Ramanujan Hall	Dr. Akhmad Iqbal
	Milan Barik	Aryabhata Hall	Dr. Avinash Dixit
	Gaurav Uniyal	LT 2.11	Dr. Kuntal Som
	Bishal Biswas	LT 2.12	Dr. Pankaj Gautam
	Anjali Sharma	LT 2.21	Dr. Vivek Laha
	Madhav Singh	LT 2.22	Dr. Vinay Pandey
	Shiwani Singh	LT 2.31	Dr. Raju Chowdhury
19:30—19:40	Kaushik Gupta	Ramanujan Hall	Dr. Akhmad Iqbal
	Urmik Bhavsar	Aryabhata Hall	Dr. Avinash Dixit
	Jaydip Das	LT 2.11	Dr. Kuntal Som



	Manimaran S	LT 2.12	Dr. Pankaj Gautam
	Anupam	LT 2.21	Dr. Vivek Laha
	Hima Saxena	LT 2.22	Dr. Vinay Pandey
	Himanshi Singh	LT 2.31	Dr. Raju Chowdhury
19:40—19:50	Tanmay Sahoo	Ramanujan Hall	Dr. Akhmad Iqbal
	Tapasi Karmakar	Aryabhata Hall	Dr. Avinash Dixit
	Vishal Goyal	LT 2.11	Dr. Kuntal Som
	P Vivek	LT 2.12	Dr. Pankaj Gautam
	Muskan Kumari, Vanshita Jindal	LT 2.21	Dr. Vivek Laha
	Hardeep Singh Saluja	LT 2.22	Dr. Vinay Pandey
	Priyanka Priyadarshini Behera	LT 2.31	Dr. Raju Chowdhury
19:50—20:00	Pradeep Rai	Ramanujan Hall	Dr. Akhmad Iqbal
	Sagar Sahoo, Sharath Y Kudachi, Rakshak M K, Vaibhav Pandey	Aryabhata Hall	Dr. Avinash Dixit
	Anshumaan Tanwar	LT 2.11	Dr. Kuntal Som
	Gayatri Beniya	LT 2.12	Dr. Pankaj Gautam
		LT 2.21	Dr. Vivek Laha
	Sudeeksha Tripathi	LT 2.22	Dr. Vinay Pandey
	Kuntal Roy	LT 2.31	Dr. Raju Chowdhury
20:00—22:00	Dinner		



Conference Schedule			
March 15, 2026, Sunday			
Time	Speaker	Location	Chair
08:00—09:00	Breakfast Department of Mathematical Sciences, IIT (BHU)		
Keynote Talk			
09:00—09:50	Prof. Tamás Terlaky	LT-2.12	Dr. Debdas Ghosh
Invited Talk			
09:50—10:20	Prof. Vellaisamy P.	Ramanujan Hall	Prof. Subir Das
	Prof. Watcharaporn Chalamjiak	Aryabhata Hall	Dr. Debdas Ghosh
	Prof. Samarjit Kar	LT-2.11	Dr. S. K. Neogy
	Dr. Prashanta Majee	LT-2.22	Dr. S. K. Mishra
	Dr. Nil Kamal Hazra	LT-2.31	Dr. Ishapathik Das
10:20—11:00	Tea Break		
Keynote Talk			
11:00—11:50	Debashish Kundu	LT-2.12	Prof. S. Dharmaraja
11:50—12:40	Prof. S. K. Neogy	LT-2.12	Prof. Samarjit Kar
Plenary Talk			
12:40—13:20	Prof. S. Dharmaraja	LT-2.12	Prof. S. P. Yadav
13:20—14:30	Lunch Break		
Keynote Talk			
14:30—15:10	Prof. Christiane Tammer	Aryabhata Hall	Dr. Debdas Ghosh
Plenary Talk			
15:10—15:50	Dr. Bhupendra Singh	LT-2.12	Prof. S. P. Yadav
15:50—16:30	Prof. S. P. Yadav	LT-2.12	Dr. Bhupendra Singh
16:30—17:00	Tea Break		
Invited Talk			
17:00—17:30	Dr. Ashok Kumar Pathak	Ramanujan Hall	Dr. S. K. Mishra
	Dr. Ishapathik Das	Aryabhata Hall	Dr. Rakesh Arora
	Dr. Krishan Kumar	LT-2.11	Dr. A. K. Jha
	Prof. Shiv Kumar Gupta	LT-2.12	Prof. Samarjit Kar
	Dr. Monirul Islam	LT-2.21	Dr. Sheela Verma
Technical Session-II			
17:15—17:30	Dr. Prasenjit Dutta	LT 2.22	Dr. Bivas Khan
17:30—17:40	Amir Suhail	Ramanujan Hall	Dr. S. K. Mishra
	Shalini	Aryabhata Hall	Dr. Rakesh Arora
	Shristi Singh	LT 2.11	Dr. A. K. Jha
	Naina Singh	LT 2.12	Prof. Samarjit Kar
	Khushvi Shah, Neelay Jain	LT 2.21	Dr. Sheela Verma



	Deeksha Singh	LT 2.31	Dr. Monirul Islam
	Dr. Swarup Paul	LT 2.22	Dr. Bivas Khan
17:40—17:50	Jeenee & Ravi Raushan	Ramanujan Hall	Dr. S. K. Mishra
	Barsha Shaw	Aryabhata Hall	Dr. Rakesh Arora
	Aman Raj Anand	LT 2.11	Dr. A. K. Jha
	Raina Raj	LT 2.12	Prof. Samarjit Kar
	Medepalli Renuka Vashisth & Hieya Chaturvedi	LT 2.21	Dr. Sheela Verma
	Ravi Kant	LT 2.22	Dr. Bivas Khan
17:50—18:00	Shivshankar Nila	Ramanujan Hall	Dr. S. K. Mishra
	Abhishek Srivastava	Aryabhata Hall	Dr. Rakesh Arora
	Bikram Adhikary	LT 2.11	Dr. A. K. Jha
	Bhawna Kohli	LT 2.12	Prof. Samarjit Kar
	Yatin Kumar	LT 2.21	Dr. Sheela Verma
	Alka Arya	LT 2.22	Dr. Bivas Khan
	Vishal Shukla	LT 2.31	Dr. Monirul Islam
	Special Session on AI and Software		
18:00—18:30	Dr. Sundar	Aryabahta Hall	Prof. Shyam Kamal
18:30—19:00	Prof. S. K. Singh	Aryabahta Hall	Dr. Sham Kamal
19:00—19:30		Aryabahta Hall	Dr. Shyam Kamal
19:30—21:00	Cultural Program		
21:00—22:30	Banquet Dinner		



Conference Schedule			
March 16, 2026, Monday			
Time	Speaker	Location	Chair
08:00—09:00	Breakfast Department of Mathematical Sciences, IIT (BHU)		
Best Paper Presentation (Competition)			
09:00—09:15	Anjali Awasthi	Ramanujan Hall	Prof. Radu Strugariu
09:15—09:30	Nand Kishor	Ramanujan Hall	
09:30—09:45	Dr. Tapas Mondal	Ramanujan Hall	Prof. S. K. Neogy
09:45—10:00	Ajeet Kumar	Ramanujan Hall	
10:00—10:15	Ishu Jain	Ramanujan Hall	
10:15—10:30	Rohini Bhagwanrao Pote	Ramanujan Hall	
10:30—10:45	Sagnic Naskar	Ramanujan Hall	
10:45—11:00	Paragya Gupta	Ramanujan Hall	
11:00—11:15	Tea Break		
Invited Talk			
11:15—11:45	Dr. Naoki Marumo	Ramanujan Hall	Prof. Radu Strugariu
	Dr. Minh Dao	Aryabhata Hall	Dr. Debdas Ghosh
	Prof. S. K. Gupta	Classroom, Faculty Building 1 st Floor	Dr. Naoki Marumo
Technical Session-III			
11:45—11:55	Anjali Rawat	Aryabhata Hall	Prof. S. P. Yadav
	Manohar Choudhary	Ramanujan Hall	Prof. Radu Strugariu
	C. S. Nagadarahas Kumar	Classroom, Faculty Building 1 st Floor	Prof. S. K. Neogy
11:55—12:05	Sundaram Jha, Sakshi Gupta	Ramanujan Hall	Prof. Radu Strugariu
	Indu Ghosh	Aryabhata Hall	Prof. S. P. Yadav
	Abhishek Dixit	Classroom, Faculty Building 1 st Floor	Prof. S. K. Neogy
	Girish Kumar Yadav	Classroom, Faculty Building 2 nd Floor	Dr. Naoki Marumo
12:05—12:15	Ritik Gupta	Ramanujan Hall	Prof. Radu Strugariu
	Shaurya Singh	Aryabhata Hall	Prof. S. P. Yadav
	Tanishka Gupta	Classroom, Faculty Building 1 st Floor	Prof. S. K. Neogy
	Rajdeep Singh Parihar	Classroom, Faculty Building	Dr. Naoki Marumo



		2 nd Floor	
12:15—12:25	Dr. Arindam Chakraborty	Ramanujan Hall	Prof. Radu Strugariu
	Shreya Pandey	Aryabhata Hall	Prof. S. P. Yadav
	Karan Verma	Classroom, Faculty Building 1 st Floor	Prof. S. K. Neogy
	Simran Rawat	Classroom, Faculty Building 2 nd Floor	Dr. Naoki Marumo
12:25—12:35	Kierat Kaur	Ramanujan Hall	Prof. Radu Strugariu
	Navita Pal	Aryabhata Hall	Prof. S. P. Yadav
	Astha Kumari, Dixita Barua	Classroom, Faculty Building 1 st Floor	Prof. S. K. Neogy
	Keshav Kashyap & Abhisoumya Kapoor	Classroom, Faculty Building 2 nd Floor	Dr. Naoki Marumo
12:35—12:45	Prasenjit Dutta	Ramanujan Hall	Prof. Radu Strugariu
	Vaishali Anand	Aryabhata Hall	Prof. S. P. Yadav
	Shivangi Singh	Classroom, Faculty Building 1 st Floor	Prof. S. K. Neogy
	Priti Lata	Classroom, Faculty Building 2 nd Floor	Dr. Naoki Marumo
12:45—12:55	Poleen Kumar	Ramanujan Hall	Prof. Radu Strugariu
	Mansi Sethi	Aryabhata Hall	Prof. S. P. Yadav
	Akash Gupta & Atharva Sanjay Hiremath	Classroom, Faculty Building 1 st Floor	Prof. S. K. Neogy
	Darshana Yadav	Classroom, Faculty Building 2 nd Floor	Dr. Naoki Marumo
12:55—14:00	Lunch Break		
14:00—14:30	Valedictory Function: Ramanujan Hall		
14:30—14:45	Tea Break		
15:00—19:30	Local Tour		
19:30—21:30	Dinner		

Tourist Attractions Introduction

Varanasi, also known as Kashi or Banaras, is one of the world's oldest continuously inhabited cities. Situated on the banks of the sacred River Ganga, it is the spiritual capital of India and a vibrant center of religion, philosophy, music, art, and culture.



Kashi Vishwanath Temple

The Kashi Vishwanath Temple is one of the most sacred temples dedicated to Lord Shiva and houses one of the twelve Jyotirlingas. It attracts millions of devotees every year. The temple complex has been beautifully redeveloped under the Kashi Vishwanath Corridor project, providing improved access from the ghats to the temple. The temple symbolizes the eternal spiritual essence of Varanasi. Devotees believe that a visit here grants liberation (moksha). The atmosphere during festivals like Mahashivaratri and Shravan month is especially divine.



Dashashwamedh Ghat and Assi Ghat

Dashashwamedh Ghat is the most famous and lively ghat in Varanasi. According to legend, Lord Brahma performed ten Ashwamedha Yajnas here. The highlight of this ghat is the grand **Ganga Aarti**, performed every evening with rhythmic chants, lamps, conch shells, and devotional music. Thousands of visitors gather daily to witness this mesmerizing ritual. A boat ride during the aarti offers a breathtaking view of the illuminated ghats. Assi Ghat is located at the southern end of the city where the Assi River meets the Ganga. It is known for its peaceful environment and is popular among students, locals, and tourists. The early morning "Subah-e-Banaras" program includes yoga sessions, devotional music, and cultural performances. Sunrise boat rides from Assi Ghat provide one of the most beautiful panoramic views of Varanasi's ghats.



Sankat Mochan Hanuman Temple

This temple is dedicated to Lord Hanuman and is believed to relieve devotees from troubles (“Sankat”). It was established by the saint Tulsidas. The temple is especially crowded on Tuesdays and Saturdays. It is also known for the annual classical music and dance festival, which attracts renowned artists from across India.



Tulsi Manas Temple

Built in white marble, Tulsi Manas Temple marks the place where Goswami Tulsidas composed the Ramcharitmanas. Verses from the Ramcharitmanas are inscribed on the temple walls. The temple is peaceful and artistically designed, depicting scenes from the Ramayana through beautiful carvings and displays.



Ramnagar Fort

Located across the Ganga, Ramnagar Fort was built in the 18th century by the Kashi Naresh (King of Varanasi). The fort houses a museum displaying vintage cars, royal costumes, manuscripts, and historical artifacts. The fort is especially famous for hosting the traditional Ramleela during Dussehra.



Sarnath

Sarnath is one of the most important Buddhist pilgrimage sites in the world. The most prominent monument here is the **Dhamek Stupa**, which marks the exact spot where Lord Buddha delivered his first sermon after attaining enlightenment. The historic **Ashoka Pillar**, erected by Emperor Ashoka in the 3rd century BCE, once stood here, and its Lion

Capital is now the National Emblem of India. The **Mulagandha Kuti Vihar** is a modern Buddhist temple known for its beautiful frescoes depicting scenes from Buddha’s life, while the **Chaukhandi Stupa** commemorates the meeting of Buddha with the five ascetics who became his first disciples. The **Sarnath Archaeological**



Museum preserves invaluable artifacts, including the original Lion Capital and ancient Buddhist sculptures. In addition, Sarnath is home to several international temples such as the **Thai Temple, Tibetan Temple, and Japanese Temple (Nichigai Suzan Horinji Temple)**, each reflecting distinctive architectural styles and spiritual traditions. The sacred **Bodhi Tree**, grown from a sapling of the original tree at Bodh Gaya, further enhances the serene and meditative atmosphere of this historic and spiritual destination.