

Indian Academy of Sciences, Bengaluru

in association with

Indian Institute of Science Education and Research Thiruvananthapuram (IISER TVM)

and

Indian Institute of Science Education and Research Mohali (IISER Mohali)

organises



Resonance Lecture Series

August 2 - 6, 2021

Mode of participation:
Online*

As a part of the silver jubilee celebrations of *Resonance - journal of science education*, IASc in association with IISER TVM and IISER Mohali, is organising the Resonance Lecture Series, during August 2 - 6, 2021 aimed at high school and undergraduate students interested in science.

High school students (standard XI and XII science streams) are encouraged to participate on August 2 and 3.

Undergraduate students (BSc, BS, BS-MS) are encouraged to participate during August 4 - 6.

The IASc is a registered society founded by Sir CV Raman in 1934. Among the activities undertaken by the Academy to promote science and science education, publications have occupied the pride of place. Today, the Academy publishes 12 science journals in various disciplines - chemical sciences, earth sciences, biosciences, physics etc. *Resonance - journal of science education* was first published in 1996 and has completed 25 years of publication. The Journal aims to communicate science primarily to undergraduate students and teachers.

IISER TVM and IISER Mohali are autonomous institutions under the Ministry of Education, Government of India, and are dedicated to science education and research. They have emerged as global centres of learning, academic excellence, and innovative research.

Registration:

High school students of science streams (August 2, 3)

Registration Link For School Students : <https://airtable.com/shrknEoyT3vuiayf>

UG students of all science streams: (August 4, 5, 6)

Registration Link For College Students : <https://airtable.com/shrYAkdsOh7aXf9IO>

Registration Deadline :

July 23, 2021

There is no registration fee.

The event will be livestreamed on YouTube for non-registered participants.

Youtube link:

<https://www.youtube.com/c/IISERMohaliOfficialChannel>

PROGRAMME SCHEDULE

HIGH SCHOOL PROGRAMME

Monday August 2	0945 - 1000	Inauguration Partha Majumder (President, IASc) and J Gowrishankar (Director, IISER Mohali)	
	1000 - 1115	N Sathyamurthy (IIT Kanpur)	Chemistry
	1115 - 1145	Break	
	1145 - 1300	Nandini Chatterjee Singh (UNESCO MGIEP)	Neuroscience
	1300 - 1430	Lunch Break	
	1430 - 1545	Biman Nath (RRI)	Physics
	1545 - 1615	Break	
	1615 - 1730	Jaikumar Radhakrishnan (TIFR)	Mathematics
Tuesday August 3	0930 - 1045	Rajeeva Karandikar (CMI)	Data Science
	1045 - 1100	Break	
	1100 - 1215	Kavita Isvaran (IISc)	Ecology
	1215 - 1330	Joseph Samuel (ICTS)	Physics
	1330 - 1430	Lunch Break	
	1430 - 1545	K S Viswanathan (Krea University)	Chemistry
	1545 - 1615	Break	
1615 - 1730	Shailesh Shirali (Rishi Valley School)	Mathematics	

UNDERGRADUATE PROGRAMME

Wednesday August 4	0945 - 1000	Inauguration Partha Majumder (President, IASc) and J N Moorthy (Director, IISER Trivandrum)	
	1000 - 1100	J N Moorthy (IISER TVM)	Chemistry
	1100 - 1130	Break	
	1130 - 1230	Vijay Shenoy (IISc)	Physics
	1230 - 1400	Lunch Break	
	1400 - 1500	Aekta Aggarwal (IIM Indore)	Mathematics
	1500 - 1515	Break	
	1515 - 1615	R S Swathi (IISER TVM)	Chemistry
	1615 - 1630	Break	
	1630 - 1730	Sanjeev Sharma (JNU)	Environmental Science
Thursday August 5	1000 - 1200	Raghavendra Gadagkar (IISc)	Ecology
	1200 - 1400	Lunch Break	
	1400 - 1500	R B Sunoj (IIT Bombay)	Chemistry
	1500 - 1515	Break	
	1515 - 1615	Preethi Jyothi (IIT Bombay)	Machine Learning
	1615 - 1630	Break	
	1630 - 1730	Anil Shaji (IISER TVM)	Physics
Friday August 6	1000 - 1100	R N Mukherjee (IIT Dhanbad)	Chemistry
	1100 - 1130	Break	
	1130 - 1300	Joy Mitra (IISER TVM)	Physics
	1300 - 1400	Lunch Break	
	1400 - 1500	Rajeev Patnaik (Panjab University)	Geology
	1500 - 1515	Break	
	1515 - 1615	Fozia Qazi (IUST)	Mathematics
	1615 - 1630	Break	
1630 - 1730	Ullasa Kodandaramaiah (IISER TVM)	Ecology	

Organising Committee:

Nisha N Kannan, Mahesh Hariharan, Asha Kisan Dond, Manik Banik [IISER TVM], Amber Habib [Shiv Nadar University], Jasjeet Bagla, Vijaya Anand [IISER Mohali], Shobhana Narasimhan, T N C Vidya [JNCASR Bengaluru], Nandini Chatterjee Singh [UNESCO MGIEP], Pranav Pandit [ICTS Bengaluru], Maheshchandra N, Srimathi M, Geetha Sugumaran, Pushpavathi R [IASc Bengaluru], B Sury [ISI Bengaluru], K Indulekha (Convener) [MGU, Kottayam], Joy Mitra (Convener) [IISER TVM]

* For registered students, the joining link will be emailed

Contact:
resonance25@iisertvm.ac.in