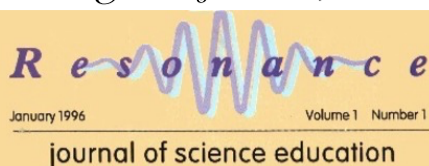


Celebrating 25 years (1996 – 2021)



## Resonance Lecture Series

Undergraduate Students' Programme

Wednesday 4 <sup>th</sup> August	0945 – 1000	Inauguration Partha P Majumder (President, IASc) J N Moorthy (Director, IISER TVM)	
	Session I	Chairperson: Mahesh Hariharan (IISER TVM)	
	1000 – 1100	J N Moorthy (IISER TVM) <i>Excitements in Organic Chemistry</i>	Chemistry
	1100 – 1130	Break	
	1130 – 1230	Vijay Shenoy (IISc) <i>The Story of Twisted Electronic Phases</i>	Physics
	1230 – 1400	Lunch Break	
	Session II	Chairperson: J S Bagla (IISER Mohali)	
	1400 – 1500	Aekta Aggarwal (IIM Indore) <i>Crowd Dynamics, Traffic Flows and Beyond</i>	Mathematics
	1500 – 1515	Break	
	1515 – 1615	R S Swathi (IISER TVM) <i>Carbon membranes for separating mixtures: A theorist's perspective</i>	Chemistry
1615 – 1630	Break		
1630 – 1730	Sanjeev Sharma (JNU) <i>Mountain Environmental Sustainability: Learn from Community Based Participatory Learning Action Research</i>	Environmental Geography	
Thursday 5 <sup>th</sup> August	Session III	Chairperson: T N C Vidya (JNCASR)	
	1000 – 1200	Raghavendra Gadagkar (IISc) <i>Animal Behaviour: Experiments for Everyone</i>	Ecology
	1200 – 1400	Lunch Break	
	Session IV	Chairperson: Manik Banik (IISER TVM)	
	1400 – 1500	R B Sunoj (IIT Bombay) <i>Public Image of Chemist and Chemist's Image of Public- The Changing Paradigms</i>	Chemistry
	1500 – 1515	Break	
	1515 – 1615	Preethi Jyothi (IIT Bombay) <i>A Peek into the World of Machine Learning</i>	Machine Learning
	1615 – 1630	Break	
1630 – 1730	Anil Shaji (IISER TVM) <i>Quantum mechanics in daily life: Advent of Quantum Technologies</i>	Physics	
Friday 6 <sup>th</sup> August	Session V	Chairperson: Ambresh Shivaji (IISER Mohali)	
	1000 – 1100	R N Mukherjee (IIT Dhanbad) <i>Inorganic Chemistry of Biological Processes</i>	Chemistry
	1100 – 1130	Break	
	1130 – 1300	Joy Mitra (IISER TVM) [Nisha Kannan/Vinesh Vijayan/Nagaiah Chamakuri] <i>Experiments and Modelling in Science</i>	Physics
	1300 – 1400	Lunch Break	
	Session VI	Chairperson: Asha Dond (IISER TVM)	
	1400 – 1500	Rajeev Patnaik (Panjab University) <i>Rocks and Fossils of the Himachal Himalayas</i>	Geology
	1500 – 1515	Break	
	1515 – 1615	Fozia Qazi (IUST) <i>Patterns of Culture</i>	Mathematics
	1615 – 1630	Break	
1630 – 1730	Ullasa Kodandaramaiah (IISER TVM) <i>Adaptive phenotypic plasticity</i>	Ecology	

