

## Indian Society of Analytical Scientists (ISAS)

### Webinar Series 2023 – 26

The ISAS webinar series was inaugurated by Shri. B Saravanan, outstanding Scientist and Director of AMD for exploration and research, Hyderabad on 26<sup>th</sup> August 2023.

Sl No	Date	Speaker	Topic
1	26.8.2023	Dr V Balaram, Former Emeritus Scientist, CSIR-National Geophysical Research Institute, Hyderabad	Sea Mineral deposits as a future source of critical metals and environmental issues
2	9.9.2023	Dr. S V Ghumatkar, Director, Forensic Science Laboratories, Mumbai & Dr. S O Chetti, Deputy Director, GA & I Directorate of Forensic Science Laboratories, Mumbai	New Trends in Forensic Science
3	30.9.2023	Dr Deepak Kumar Sinha, Former Director, AMD for Exploration and Research, Hyd	Billion years journey of Uranium from supernova to deposits – An important cosmic process useful for harnessing nuclear energy
4	14.10.2023	Dr Tarun Kumar Pant, Space Physics Laboratory, VSSC	ISRO's endeavor to our solar system: A science perspective
5	28.10.2023	Dr. H J Pant, Head, Isotopes and Radiation Div, BARC	Application of Radioisotopes and Radiation Technology in Industry
6	11.11.2023	Dr. Palani Balaya, Dept. of Mechanical Engg, National University of Singapore	Safety and performance issues of Lithium-ion battery: polyanion cells vs oxide cells
7	25.11.2023	Dr. C V Chalapati Rao, Ex. Senior most Chief Scientist, NEERI, Nagpur	Scientific approach to air quality management in Indian cities
8	9.12.2023	Prof. Amitava Das, Dept. of chemical sciences, IISER, Kolkotha	Purpose build molecules and molecular assemblies for theranostic applications
9	30.12.2023	V Balaram, Former Emeritus Scientist, CSIR-NGRI, Hyd	Impact of climate change on pollution of water resources: Monitoring and mangt
10	27.1.2024	Dr E V Sonia, Scientist G, RGCB, Tvm	Unravelling Genetic Identity: The power of DNA Fingerprinting
11	13.4.2024	DR Deepthi Menon, Nanobioengineering group, Amrita School of Nanosciences and Molecular medicine, Koch	Functional nanobiomaterials for potential applications in Medicine

12	8.6.2024	Dr C T Aravindakumar, VC, MG University (Professor, School of Environmental Sciences)	Fading Rhythms of our Environment
13	29.6.2024	Dr. Shilpa Paranjape, Chief Medical Officer, CSIR-NEERI, Nagpur	Fatty liver-Importance of early detection and treatment
14	13.7.2024	Dr Shanker G Aggarwal, Chief Scientist, CSIR-NPL, New Delhi	Air quality measurement: Advancement, metrology and Opportunities
15	27.7.2024	Sri. Ved Singh, Director, Directorate of Purchase and Stores, BARC	Back end Fuel cyclic facility in India
16	10.8.2024	Dr Kinshuk Dasgupta, Head, Advanced carbon materials Div. BARC	Floating catalyst chemical vapor deposition method for continuous formation of carbon nanofibers and sheets
17	31.8.2024	Dr A P Jayaraman, Chairman, National Centre for scientific communication	Analytical impact – science decoded and society impacted
18	21.9.2024	Dr Poonam Shivdutt Kumar, Principal scientist, CSIR-NEERI	AI for environmental monitoring
19	19.10.2024	Dr R S Jayasree, Sr. Scientist, SCTIMST, Tvm	Alzheimers Diseases-certain facts and role of nanostructures for its management
20	26.10.2024	Dr V K Jain, President, NACS	Integrating chemical security in to analytical sciences
21	9.11.2024	Prof. Gurumurthi Hegde, Director, Centre for advanced research and development, Christ University, Bangaluru	Waste to Wealth based porous nanostructures for multi faced applications
22	30.11.2024	Dr A A Mohammed Hatha, Director, School of Marine Sciences, CUSAT	Indian Arctic expedition-An experience sharing into analytical sciences
23	14.12.2024	Dr G S Grover, Former Chief Scientist, CSIR-NCL, Pune. IUPAC Task group member, Safety training program	Laboratory Safety Fundamentals
24	28.12.2024	Dr V Balaram, Former Emeritus Scientist and Head, Geochemical Division of CSIR National Geophysical research Instt, Hyd	Lithium Extraction, application, exploration analysis and environmental impact
25	11.1.2025	Dr Abhilash, Dept. of Atmospheric science, CUSAT	Rising seas and falling mountains
26	25.1.2025	Dr Sabin Thazhe Purayil, Scientist E, IITM Pune	Unveiling Climate change through science and modelling
27	26.4.2025	Prof. Prabat Ranjan, VC, D Y Patil International Unty, Pune	Nuclear fusion – Potential for India
28	24.5.2025	Mr S K Malhotra, Former Raja Ramanna Fellow,	Radio Isotopes and Radiation Technology-A historical

			perspective, present status and future trends
29	14.6.2025	Abhilash P Kailas, Head, R & D, Nitta Gelatin	Collagen and Beyond- Glow, Grow and Go
30	28.6.2025	Dr M R A Pillai, Group Director, Molecular Group, Kochi	Role of radio analytical chemistry in medicine
31	12.07.25	Dr. Naveen Kumar Chandrasekaran, CECRI	
32	26.07.25	Dr. Girish Gopinath, KUFOS	
33	9.08.25	Dr. U Surendran, National Bureau of Soil survey and land use planning	
34	23.08.25	Prof. A Biju Kumar, VC, KUFOS	
35	13.09.25	Dr. C V Yelamaggad, CeNS, Bangalore	Functional soft-nano composites for invisibility and other applications
36	11.10.25	Shri Pradip Mukherjee, Chief Executive, BRIT	
37	25.10.25	Mr. Dinesh Kumar Gogia	Vehicular emission and its abatement
38	8.11.25	Dr. Vinaya Kumar, BITS, Goa	Croos-Disciplinary Research in Sensor Technologies: Piezoelectrets and Printed Electronics
39	28.2.26	Dr S T Aruna, Chief Sci & Head, CSIR National Aerospace Lab, Bangalore	From H to clean Energy and air-My journey in catalyzing viksit Bharat
40	28.3 26	Dr U S Hareesh, Sci G and Head, CSIR NIIST, Tvm	Materials for CO2 capture and conversion
41	18.4 26	Dr. Baby Chakrapani, Director, Centre for the Neuroscience, CUSAT	Digital detox to deep sleep: A gut-healthy path to mental clarity