



**Vidyasagar
University**



ICSTS

2026

**International
Conference**

SCIENTIFIC AND TECHNOLOGICAL SYNERGY:

A Cross-Disciplinary Approach to Support
Human Welfare and Environment



Vidyasagar University

Midnapore | West Bengal | India



**26 & 27
NOVEMBER**

2026

**Join Us
Now!**



ABOUT THE CONFERENCE

The conference aims to create a vibrant platform for researchers, academicians, and industry experts from diverse disciplines to share knowledge, exchange ideas and explore innovative solutions for addressing global challenges related to human welfare and environment.



FOCUS AREAS



Biotechnology



Biodiversity



Environment



Computational Science & AI



Health Science



Sustainable Technological Innovation



WHO CAN PARTICIPATE

- Researchers & Academicians
- Industry Professionals
- Policy Makers
- Research Scholars



CONCEPT NOTE



The Organising Committee



Chief Patron

Hon'ble Vice-Chancellor

Patron(s)

Dean, Faculty of Arts & Commerce,

Director of IQAC and

Director of R & D Cell

Organizing Chair

Dean, Faculty of Science

Co-Chair(s)

Heads of Anthropology, Applied Mathematics, Bio-Medical Laboratory Science & Management, Botany and Forestry, Chemistry & Chemical Technology, Computer Science, Electronics, Fishery Sciences, Geography, Human Physiology, Microbiology, Physics, Remote Sensing and GIS and Zoology

Organising Secretaries

Prof Keshab C. Mondal, Prof Dilip K. Maiti & Prof Biswapati Jana

Treasurer

Prof Sandip K. Sinha

Jt. Treasurer

Dr. Joydev Maity

Chair(s), Scientific Programme Committee:

- **Computational Science & Artificial Intelligence** : Prof. Shyamal K. Mandal, Prof. Biswapati Jana & Prof. Sutanu Dutta
- **Sustainable Technological Innovation**: Prof. Brajagopal Bag & Prof. Swarnendu Sarkar
- **Biotechnology**: Prof. Keshab C. Mondal and Dr. Manoj K. Pati
- **Environment** : Prof Ramkrishna Maity & Dr. Jatisankar Bandyopadhyay
- **Biodiversity**: Prof Amal K. Mondal & Prof. Subrata K. De
- **Health Science** : Prof. Sujata Maity Chowdhury, Prof Sandip Chattopadhyay & Prof Dipak K Midya



RESOURCE PERSONS

DAY 1 (26.11.2026)

Plenary-I:

Prof. Amlan Chakraborty

Department of Artificial, Intelligence, IIT
Kharagpur, India

Title:

Plenary-II:

Professor Samit Kumar Ray

IIT Kharagpur, Ex Director S.N. Bose
National Centre for Basic Sciences, India

**Title: Emerging Materials for Photonic and
Energy Harvesting Devices**

Plenary-III:

Prof. Lal Mervin Dharmasiri

University of Kelaniya, Sri Lanka

Title:

Plenary-IV:

Prof. Csaba Vágvölgyi

University of Szeged, Hungary

Title:

Plenary-V:

Prof. Chakravarthula Manoharachary

Department of Botany Osmania University, India

**Title: Microbial and Technological innovations:
Cross disciplinary pathways to Human Welfare
and Environmental Sustainability**

Plenary-VI:

Dr. Bhaskar Saha

Former Scientist, NCCS, Pune, India

**Title: Science-&-Technology in the interdisciplinary
contribution to human health and environment**

Keynote Lecture by

Ricardo Silvestre,

Vice-Director of Life and Health Sciences
Research Institute – ICVS School of Medicine, University
of Minho Campus de, Gualtar 4710-057 Braga, Portugal

**Title: Metabolism and immunity: a One Health
perspective on infectious and inflammatory diseases**

Invited Talk -1:

Prof. TzuChuen Lu, Chaoyang,

University of Technology, Taiwan

Title:

Invited Talk -2:

Prof. Mehakpreet Singh,

University of Limerick, Ireland

Title: Mechanistic modelling of particulate processes.

Invited Talk -3:

Prof. Satyabrata Jit,

IIT Benaras, India

Title: MOS Transistor Technology for computational systems

Invited Talk-4:

Professor C. V. Yalamaggad,

Centre for Nano and Soft Matter Sciences, Bengaluru, India
Title: Quantum dot technology in display industry for energy sustainability Technical Sessi

Invited Talk-5:

Dr. Mukesh Ranjan,

Scientific Officer-G,
FCIPT, Institute for Plasma Research, Gandhinagar, India
Title: Plasma Surface Engineering for Health and Environment

Invited Talk-6:

Prof. Rajib Maity,

IIT Kharagpur, India
Title:

Invited Talk-7:

Speaker and his/her title

Plenary-VII:

Dr. Srikumar Chattopadhyay,

Scientist-G, Centre for Earth Science Studies, India
Title:

Plenary-VIII:

Professor Santanu Bhattacharya,

Director, IISER, Tirupati, India
Title:

Plenary-IX:

Dr. Somenath Dutta,

former Scientist-G and Head,
Regional Meteorological Centre (RMC), Kolkata, India
Title:

Plenary-X:

Prof. Subrata Chattopadhyay,

Former Director, Bioscience Group, BARC, Mumbai, India
Title: Cool Societal Solutions by Hot Atoms

Plenary-XI:

Prof. Sushil Kumar Dutta,

Utkal University, Odisha, India
Title:

Plenary-XII:

Prof. Arnab Sen,

Vice-Chancellor, Raiganj University, India
Title:

Invited Talk -8:

Prof. Sheikh Julfikar Hossain,

Khulna University, Bangladesh
Title:

Invited Tal -9:

Dr. Gouranga Biswas,

Principal Scientist, ICAR-Central Institute of Fisheries Education,
Kolkata Centre, India
Title: MTA: Next-Gen, Climate-Smart Aquaculture for a Sustainable Future

Invited Talk-10:

Prof. Pradipta Mahapatra,

Department of Botany, Ravenshaw University, India

Title:

Invited Talk -11:

Dr. Atanu Raha,

Retired Indian Forest Service (IFS) officer, Govt. of West Bengal & Emeritus Professor, Techno India University Salt Lake, India

Title:

Invited Talk 12:

Prof. Kewal Krishan,

Panjab University, Chandigarh, India

Title: Role of Anthropological knowledge in forensic investigation

Invited Talk -13:

Dr. Jayanta Bhattacharya,

Translational Health and Technology Institute (THSTI), Faridabad, India

Title: Medical countermeasures against priority pathogens associated with epidemics and pandemics

Invited Talk -14:

Prof. Nihar Ranjan Jana,

Bioscience and Biotechnology, IIT Kharagpur, India

Title: Understanding Mental Illness

Registration Details

REGISTRATION FEES		
CATEGORY	EARLY BIRD FEE	LATE BIRD FEE
RESEARCH SCHOLARS	₹1,200/-	₹1,700/-
ACADEMICIANS	₹2,000/-	₹2,500/-
CORPORATE DELEGATES	₹3,000/-	₹3,500/-
FOREIGN DELEGATES	\$50	\$60