VIT®
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emsi
ENVIRONMENTAL MUTAGEN SOCIETY OF INDIA
49th ANNUAL MEETING OF EMSI-2027



EMSI - 2027

INTERNATIONAL CONFERENCE

Interdisciplinary Frontiers in Environmental Health:

Integrating Molecular Mutagenesis, Biodiversity, Biotechnology, and One Health

Silver Jubilee Celebrations of the School of Bio Sciences & Technology (SBST), VIT, Vellore
with a Pre-Conference Lecture and Hands-on Workshop on Molecular Toxicology, Assays and Biomonitoring Techniques

17th - 20th February 2027 — **4 - Days International Conference**

Pre-Conference Workshop: 17th February 2027
Conference & Workshop Venue: School of Bio Sciences & Technology, VIT, Vellore, Tamil Nadu, India

About the Conference

The School of Bio Sciences & Technology (SBST), VIT Vellore, is proud to host the 49th Annual Meeting of the Environmental Mutagen Society of India (EMSI-2027), as part of the Silver Jubilee Celebrations of SBST. The conference brings together international scientists, clinicians, regulators and policymakers to discuss cutting-edge advances in environmental and occupational toxicology, genotoxicants, epigenetic modifiers, climate change and ecotoxicants, radiation toxicity and mitigation strategies, and the global impact of conflict on human and ecosystem health. Talks and panel discussions will chart a roadmap of New Approach Methodologies (NAM) - including AI-based computational tools - for the next generation of researchers, regulators and policymakers. A pre-conference workshop offers hands-on training in molecular toxicology, assays and biomonitoring techniques, complementing the conference's theoretical sessions.

Major topics to be covered

- Sustainable Agricultural and Industrial Biotechnology
- Biodiversity Conservation and Bioresource Utilization
- Climate Change and Ecotoxicology
- Epidemiology, Biomarkers and Gene–Environment Interactions in Human Health and One Health
- Environmental Mutagens, Genome Instability, Endocrine Disruption and Molecular Mechanisms of Cancer
- Artificial Intelligence and Predictive Modeling
- Nanomaterials, Micro/Nanoplastics and other Emerging Contaminants
- Environmental Pollution: Industrial Effluents, Automobile Exhaust and Microparticulate Matter
- Nutraceuticals, Fortified Foods and Alternative Systems of Medicine against Mutagenesis and Cancer
- Bioremediation Strategies for Environmental Health and Ecosystem Restoration
- Environmental Impact of Conflicts and Wars on Ecosystems and Human Health

Conference Highlights

- Plenary lectures by eminent speakers of global repute
- Invited talks from senior faculty across leading institutes
- Oral and poster presentations by young scientists
- Best oral and poster presentation awards

Organized By

School of Bio Sciences & Technology (SBST)
Vellore Institute of Technology (VIT), Vellore, Tamil Nadu, India
in association with the Environmental Mutagen Society of India (EMSI -2027)

Abstract Submission Guidelines

- **Format:** MS Word only (.doc/.docx); maximum 300 words.
- **Structure:** Background, Methods, Results, and Conclusion.
- **Title:** Times New Roman, 14 pt, bold.
- **Authors:** Times New Roman, 12 pt; presenting author bold and underlined; corresponding author(s) marked with *.
- **Affiliation & Abstract:** Times New Roman, 12 pt; 1.5 line spacing.
- **References and abbreviations:** Not permitted in the abstract.
- **Submission:** Email your abstract to emsi2027@vit.ac.in

Submit Your Abstract by 4th of January, 2027

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Registration & Payment Link: https://events.vit.ac.in/events/EMSI/
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Registration & Abstract Submission