



International Conference

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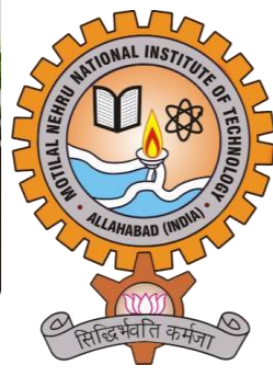
Technologies and Innovations for Sustainable Development (TISD-2023)

October 27-29, 2023

Organized by

Central Library

Motilal Nehru National Institute of Technology Allahabad (MNNITA)
Prayagraj- 211004, India



Keynote Speakers

Prof. Sergei Markov
Professor (Full) at Austin Peay University Clarksville, Tennessee, USA



Prof. Wolfgang Parak
Professor at the Institute for Nanostructure and Solid-State Physics of the University of Hamburg, Germany



Prof. Stephen Gray
Executive Director, Institute for Sustainable Industries and Liveable Cities, Victoria University, Australia



Dr. Anil Kumar Mishra
Director, Institute of Nuclear Medicine & Allied Sciences, Delhi, India



Prof. Meisam Tabatabaei
Professor, Universiti Malaysia Terengganu (UMT), Malaysia



Patron
Prof. Rama Shanker Verma
Director, MNNIT Allahabad



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Prof. Wolfgang J Parak
University of Marburg, Germany

Brief about Conference: Too often, technologies are either not developed for a sufficiently profitable market, or if developed, are not accessible or well-adapted to end-user needs. This conference initiative seeks to advance knowledge and understanding of how to equitably improve the functioning of the "global innovation system" for sustainable development of technologies. The initiative will be examining specific cases of "system interventions" (e.g., policy interventions, institutional innovations, new approaches to shaping the innovation process etc.) intended to strengthen the global innovation system, with the broader aim of developing policy recommendations and are generalizable across multiple sectors.

The findings will contribute to appreciating the potential of science and technology to meet the most pressing sustainable development trials in order to more effectively and fairly improve the operation of the "global innovation system" for sustainable expansion of technologies. This platform initiative also aims to advance knowledge and understanding in this area. By expanding scientific knowledge to human-environment systems, strengthening connections between the research and policy communities and developing capacity for fusing knowledge with action to advance sustainability, the programme aims to address the challenge of sustainable development.

The outcome will help to realize the potential of science and technology to address the most urgent challenges faced by the humankind. Leading academic scientists, researchers, and research scholars will be gathered at this conference to exchange experiences and research findings on all facets of innovation and sustainable development and discuss the most recent innovations, trends, and concerns as well as real-world difficulties faced and solutions chosen in the domains of innovations and sustainable development on this outstanding interdisciplinary platform.

Needless to say, that a library offers the resources and encourages the thinking process, creativity, inquisitiveness and makes the learning more fruitful. Although the main function of library is to provide textbooks, references, periodicals and up-to-date research journals pertaining to various subjects to students, teachers and researchers, this time it is entering into a new domain of organizing an International Conference along with performing its traditional work, which is the most salient feature of this event.

About MNNIT Allahabad: MNNIT is an Institute with a total commitment to quality and excellence in academic pursuits. With over 61 years of experience and achievements, in the field of technical education, it has traversed a long way. With the enactment of the National Institutes of Technology Act-2007, the Institute has been granted the status of an Institution of National Importance. The Institute now offers nine B.Tech., nineteen M.Tech. Degree Programmes (including part-time), MCA, MBA, and M.Sc. (Mathematics and Scientific Computing) programmes and also registers candidates for the Ph.D. degree. The Institute has been recognized by the Government of India as one of the centers for the Quality Improvement Programme for M.Tech. and Ph.D. More information about the institute is available at: www.mnnit.ac.in

Conference Scope

Topics for TISD-2023 include different themes, but are not limited, to the following:

- Emerging sustainable trends in basic sciences, social sciences, engineering, and management
- Green technologies and innovations for a sustainable future
- New and renewable energy sources
- Water, air, soil, and geospatial technologies for sustainable development
- Life cycle/environment impact assessment
- Role of machine learning and artificial intelligence in sustainable development
- IPR, Bio-products and Bio-Safety, Medical Biotechnology, Pharmaceutical Biotechnologies, Protein Research, Proteomics, RNAi, Stem Cells, Vaccine and Diagnostics
- Agriculture Biotechnology, Animal Biotechnology, Biochemical Engineering, Bioengineering, Bio-fertilizers/Bio-pesticides, Bioinformatics, Clinical Nano-biotechnology, Immunology and Immunodiagnosics
- Emerging materials for climate change mitigation and energy storage

Important Dates

Extended deadline for Abstract/Full Length Paper Submission	15/09/2023
Full Paper Acceptance Notification	22/09/2023
Registration Closes	30/09/2023
Conference Date	27/10/2023-29/10/2023

Registration Fee (For presentation & participation)

Category	Indian Delegates			Foreign Delegates		
	Reg. Fee	GST@18%	Total	Reg. Fee	GST@18%	Total
U.G Student	INR 2,000	INR 360	INR 2,360	USD 150	USD 27	USD 177
P.G Student/ Research Scholar	INR 3,500	INR 630	INR 4,130	USD 300	USD 54	USD 354
Faculty	INR 5,000	INR 900	INR 5,900	USD 400	USD 72	USD 472
Industry	INR 8,000	INR 1,440	INR 9,440	USD 600	USD 108	USD 708

Call for Papers

- High quality unpublished original research contributions describing conceptual, constructive, experimental, analytical and theoretical work towards sustainability are cordially invited for the conference.
- Abstract/Full papers are to be submitted through the link provided below.
- Those who wish to publish their papers in form of full paper proceedings and/or journals (if selected) should send full paper before the deadline.
- Conference website: <http://www.mnnit.ac.in/tisd/index.html>
- Abstract Template: [Abstract template_TISD 2023.docx](#)
- Paper Submission Guidelines: <http://www.mnnit.ac.in/tisd>
- Submit your paper through the link: <https://cmt3.research.microsoft.com/TISD2023/SubmitIon/Index>

Publication

- All accepted and registered papers will be published after the conference subject to peer-review in the Scopus Index conference proceeding/book series (under process).
 - Selected Papers will be published in 'Biomass Conversion and Biorefinery' journal published by Springer
- * Best Paper Awards and Best Poster Awards will also be

Registration Link

https://docs.google.com/forms/d/e/1FAIpQLSd0W8JVCyVwNDXvzybrTaMI1EjCOPed7EUOmGC98_lGf2KEyA/viewform



Mode of Payment

All payments should be made through electronic transfer in the account of conference with following details (Please ensure to mention paper ID in the transaction remarks):

Beneficiary Name	NON-FORMAL CONTINUING OF EDU
Account No	10424975574
Bank	SBI, MNNIT Allahabad
IFSC	SBIN0002580
SWIFT	SBININBB

Accommodation

Accommodation will be provided in Institute Guest House/Hostel on Payment Basis.
We can also provide contact details of nearby hotels/lodges to participants on their demand

Contact Us

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Professor, Department of Biotechnology & Chairperson, Library & Learning Resources Committee (LLRC), Central Library Motilal Nehru National Institute of Technology Allahabad (MNNITA), Prayagraj-211004 (India)