

International Conference on

Emerging Techno-Economic Development for Sustainable Environment (ETDSE)

(12 - 13 January 2024)



IPS ACADEMY

Institute of Engineering & Science, Department of Chemical Engineering

 Knowledge Village, Rajendra Nagar, A.B. Road, Indore (MP) - 452012

International Conference on

Emerging Techno-Economic Development for Sustainable Environment (ETDSE) (12 - 13 January 2024)

About the Conference

As the demand for natural resources continues to soar and competition intensifies in emerging economies due to urbanization and industrialization, the need for sustainable practices has never been more critical. In response to this pressing challenge, we are proud to announce the first international conference organized by the esteemed Institute of Central India, IPS Academy Institute of Engineering & Science. This groundbreaking event serves as a global forum where the world of research and industry converge to explore the transformative power of chemical engineering technological advancements in achieving sustainable development. ETDSE 2024 aims to facilitate profound discussions on green chemistry, biotechnology, software's in chemical engineering, and other cutting-edge solutions that will shape the future of our societies.

The main objectives of the conference are:

- To disseminate the knowledge about the latest technology and industrial practices to overcome the ever-increasing challenge of environmental pollution and climate change.
- To disseminate the scope of green energy in this context to counter these challenges to have a cleaner and greener environment.
- To showcase the latest product from industry in the industrial exhibition session.
- To foster positive interaction among delegates from industry, academia and other connected fields which may emanate collaborative research works.
- To learn and receive guidance from national and international level eminent keynote speakers on the theme of the conference.

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About the Institute

IPS Academy, Institute of Engineering & Science is one of the leading self-financing NAAC accredited institutions devoted to imparting quality engineering education with the sole motto of “Knowledge, Skill & Values”. The Institute established after securing approval of AICTE, New Delhi and Govt. of M.P. from academic session 1999-2000. The Institute of Engineering & Science is a UGC autonomous institute affiliated to Rajiv Gandhi Proudyogiki Vishwavidhyalaya, Bhopal. Institute has ranked four-star rating in IIC in CRO zone, ranked 33rd (Times of India survey) among the top 170 engineering colleges in India. It offers UG and PG programs of Chemical, Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Fire Technology & Safety Engineering, Agricultural, and Computer Science & Engineering, CSE (Computer Science and Information Technology, Data Science, Artificial Intelligence & Machine Learning, Regional Language, IOT including Cyber Security & Block Chain Technology). Furthermore, UG programs have been accredited by National Board of Accreditation, New Delhi.

About the Department

The Department of Chemical Engineering was established in 2004 to give quality education to students and was expanded in 2011 to include a post-graduate course with specialization in Computer Aided Process Design. The department established the IICChE students' chapter in 2008, and academic activities like Engrosser (National level Technical Paper writing competition), TechFest-Innovita, expert lecture, industrial visit and tour, are organized annually. The department also organizes various quality improvement programmes, seminars, conferences and workshops for students' academic improvement and thereby enhancing their professional skills. The students are placed in reputed organization like BARC, IGCAR, IPR, IOCL, ONGC, BORL, NFL, BPCL, LUPIN, IPCA, Vedanta, Grasim Sun-Pharmaceutical, Alembic, Reliance etc.

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Committee

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Dr. Sankar Chakma, Indian Institutes of Science Education and Research, Bhopal

Dr. Sunil Kumar, CSIR - National Environmental Engineering Research Institute, Nagpur

Conference Highlight



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Keynote Speakers



Padma Shri Prof. G. D. Yadav

(FTWAS, FNA, FNASc, FRSC (UK), FICHEM (UK), FIChE)
Emeritus Professor of Eminence, ICT Mumbai

Prof. G. D. Yadav is Former Vice Chancellor and R.T. Mody Distinguished Professor J.C. Bose National Fellow (Govt. of India). He is a renowned Indian chemical engineer, inventor and academician, known for his research on nanomaterials, gas absorption with chemical reaction and phase transfer catalysis. The Government of India awarded him with the fourth highest civilian honour, The Padma Shri, in 2016, for his contribution to science and engineering. In 2022, he is the elected member of the United States National Academy of Engineering.



Prof. Štefan Schlosser

Emeritus Professor
Slovak University of Technology Bratislava

Prof. Schlosser is emeritus professor of Slovak University of Technology he has published more than 200 research articles having more than 3000 citations with 31 h-index. He is the reviewers of various peer reviewed journals. He was associated with Chemical Paper Journal. He was a secretary of European membrane separation society.



Prof. Wojciech Kujawski

Nicolaus Copernicus University Torun, Poland

Prof. Kujawski is Head of Emerging Research Field Polymers and multi-functional nanomaterials, as a part of the Nicolaus Copernicus University project - Research University Excellence Initiative since 2020. He has published more than 150 research papers in reputed journals. Principal investigator of grants from NCN, NCBR, NATO, NAWA. He promoted 5 doctors. One of the important elements of his scientific activity is the internationalization of research – he cooperates with research teams from China, France, Ukraine, Czech Republic, Sweden, Hungary, and Italy.

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Key Topics

- Sustainable Environment
- Biomass Utilization
- Waste to Energy
- Biotechnology
- Nanotechnology
- Ionic Liquids
- Membrane Separation
- Biosensors
- Waste Water Treatment
- Artificial Intelligence in Chemical Engineering
- Modeling & Simulation of Chemical System
- Data Science in Chemical Engineering
- Green Energy
- Biorefinery & Biofuel
- Process Intensification
- Reactive Separation
- CO2 Capture
- Smart Material
- Climate Change
- Industrial Safety
- Catalytic Engineering
- Polymer Processing
- Hydrogen Fuel
- Microfluidics

Publications

Extended Abstract Proceedings would be published in a reputed journal publication with DOI/ISBN numbers. Some selected full papers would be published in the reputed journals (SCI/SCIE/SCOPUS Indexed). However, separate publication fees for papers may be applicable depending on the journal policy. Please note that publication fees are entirely separate from registration fees.

International Conference

Submission of Abstracts

ETDSE 2024 welcomes abstracts for oral & poster presentation relevant to the key topic of the international conference through only email at etdse2024@ipsacademy.org

Important Dates

Abstract submission start	01/11/2023
Abstract submission last date	25/11/2023
Announcement of acceptance of abstract	15/12/2023
Early bird registration	25/12/2023
Last date for online registration	06/01/2024

Registration Fee

Participant Category	Early-Bird rate (INR)	Regular rate (INR)
Students	1500	2000
Faculty Member/Research Scholar	2500	3000
Industry participants	5000	5500
Sponsor	200000	200000
Co-Sponsor	100000	100000
Exhibitor	50000	50000
Participants from abroad	40 € (Euro)	40 € (Euro)

Registration Fee includes a conference kit, tea and snacks, and lunch during the conference.


Accommodation charges are excluded in the fee.


It is requested to all the delegates / participant's kindly visit <https://ies.ipsacademy.org/etdse-2024/> for further updates.

Contact Person



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