

Registration Form (NTSE-24)

1. Name (Block letter) :

2. Designation :

3. Organization:

4. Address for communication :

Phone:

E – Mail:

5. Accommodation(Pl.√): Required/Not required

6. Payment details:

Mode of payment (Pl.√): DD/Cheque/Fund Tr.

DD No/Cheque No./Tr. Ref No*:

Dated: Amount:

*Please send an e-mail to nanotech2k24@gmail.com after transfer of the fund.

Kindly register me for two days International conference on “Nanotechnology for Sustainable Environment (NTSE-24)” to be held at HIT, Haldia, during 26th ~ 28th September , 2024

Signature of the applicant

Place: Date:

Signature of the Head of the Dept./sponsoring authority

Place: Date:

Conference Committee:

Chief Patron:

D. Lit. (Dr). Laksman Chandra Seth, Chairman, HIT

Patrons :

Mr. A. Sanyal, Executive Director, IOCL, Haldia

Mr. A. K. Mehara, Dy. Chairman , KPT

Mr. S. Bhatnagar, EVP & Head Plant HPL

Mr. A. C. Mishra, EVP & Head Plant MCPI

Advisory Committee:

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Mr. Asish Lahiri, Secretary, ICARE

Prof. Sadhan C. Jana, University of Akron, USA

Prof. M. K Bhunia, Tokyo Institute of Tech., Japan

Prof. Abhishek Dutta, Izmir Institute of Tech., Turkey

Dr. R. Singh Yeungnam University, South Korea

Prof. M. Luqman, Taibah University Saudi Arabia

Dr. H. Manyar , Queen's University Belfast, U.K

Prof. B. K. Dutta, former Chairman, PCB, WB

Dr. A. Inamdar, Principal Scientist, CFTRI Mysore

Dr. D. Mandal, ex Head, AMMD, BARC & Prof. IIT Jammu

Mr. A. Chaturvedi, AVP, Quality & Excellence, Emami Ltd.

Mr. A.A. Bhat, Chief, Tata Power co. Ltd, Haldia

Mr. C.S. Prasad, CEO, Indorama Agro chemicals.

Mr. S. Dutta , Head Plant, Haldia Energy

Mr. A. Sinha, Senior GM and Head Polymer, HPL

Prof. C. Bhattacharya, Former Pro V.C, J.U

Prof. S. De, Dept. of Chem, IIT Kharagpur

Prof. S. K. Das, Former Head , C.U & Sec. ICS

Prof. Hirok Chowdhury, Civil Engg, NIT DGP

Prof. S. Ghosh, Department of Civil Engg, HIT,

Mr. A. K. Dutta, Sr. Vice President, Ripley & Co.

Organizing Committee:

Chairman:

Prof. Subrata Mondal, Principal, HIT

Vice Chairman:

Dr. Anjan Mishra, Registrar General, HIT

Organizing Secretary:

Prof. Radha Das, Dean (CHE, BT & FT), HIT

Jt. Organizing Secretary:

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Convenors:

Prof. S. B. Kuila, HOD, CHE, HIT

Prof. S. Chatterjee , HOD, BT, HIT

Mr. G. Chatterjee, HOD, FT, HIT

Treasurers:

Prof. Keya Sau, BT, HIT

Mr. S. Basu, Finance Manager, HIT

Members:

All faculty members, Technical Asst. & Staff, Chemical Engg.

All faculty members, Technical Asst. & Staff, Bio-Technology.

All faculty members, Technical Asst. & Staff, Food Technology

International Conference on Nanotechnology for Sustainable Environment (NTSE-24)



Hybrid mode

Venue: Haldia Institute of Technology

Date: 26th ~ 28th September , 2024



Organizing by

School of Chemical Engineering,
Biotechnology & Food Technology
Haldia Institute of Technology

In Association with
IQAC, HIT, Haldia

Address for Communication:

Prof. Radha Das, Dean (CHE, BT & FT)

Organizing Secretary, NTSE -2024

Haldia Institute of Technology, Haldia – 721657

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Nano Technology for Sustainable Environment:

Nanotechnology is often described as an emerging technology that not only holds promise for society, but also is capable of revolutionizing our approaches to common problems. Nanotechnology plays an important role in the development of new methods, tools and techniques to solve specific quantitative and qualitative environmental problems by developing various types of nanoparticles that employed in different areas of chemical engineering. Carbon nanotubes and graphene as nano-materials, own inimitable properties that have led to the making of stronger, lighter, and more robust materials for the industrial applications. Sustainable development in chemical engineering comprises the application of principles, practices, and knowledge that object to minimalize the environmental influence, improve the utilization of resources, and confirm the continuing feasibility of chemical processes and products.

Nano-adsorbents, nano-filtration, nano-photocatalysts, magnetic nanoparticles, nano-sensors, nano-fluids, and energy conversion are some of the methods developed using nanotechnology to treat water and wastewater, detection of pollutant from air and environmental remediation.

Nano-food technology is an area has evolved to transform the sustainable development in the various fields of food science and food microbiology including food processing, food packaging, functional food development, food safety, detection of foodborne pathogens, and shelf-life extension of food products.

Nano-Biotechnology plays a pivotal role for the development of bio-inspired nano-materials, bio-nanodevices, and innovative bioprocessing techniques, efficient drug delivery systems, cleaner energy production, biodegradation of waste and driving progress towards a more sustainable future.

In the above perspective, an international conference on "Nano Technology for Sustainable Environment (NTSE-24) will be organized by the School of Chemical Engineering, Biotechnology & Food Technology, Haldia Institute of Technology, during 26th –28th September'2024 at Haldia, West Bengal. Many Scientists, technical experts, academicians and entrepreneurs will participate in this event to share their vast experiences and knowledge with the delegates. We believe NTSE-24 will provide a forum for thorough discussion on application of Nano Technologies for Sustainable development in Chemical, Bio-Chemical and Allied Industries.

Location:

Haldia, a port city amidst the most proliferating industrial zone of the State, is located approximately 125 km south west of Calcutta at the confluence of river Hooghly and Haldi. This port city has emerged as the busiest industrial hub of eastern India housing manufacturing industrial giants like IOCL, HPL, Exide Industries, MCPI Ltd, IRC Agrochemicals, Tata Steel, Tata Power, Hindustan Unilever, Adani Wilmar, Emami Agrotech and many others. The city is bordered by the two rivers Hooghly and Haldi and served by Syama Prasad Mukherjee Port, a major port of India.

The Conference is expected to help the Industrial ecosystem of Haldia and the National Planners significantly in addressing various environment related issues for their sustainable development.

Haldia Institute of Technology:

Germinated with miniscule student strength on the 25th day of September 1996, our much coveted Haldia Institute of Technology has unfurled itself with its magnificence which spreads over 37 acres of land with more than 5000 family members. In pursuit of excellence in technical education, the uninterrupted confluence of knowledge and wisdom made it an icon amongst all the private engineering colleges in West Bengal. During this continual flow, HIT has accrued enormous recognitions and accolades like, NAAC accreditation by UGC (3.31/5) along with NBA accreditation to several courses. The school of Chemical Food Tech and Biotechnology started from its inception with the objective of producing competent and dynamic Engineers, suitable for the global market by imparting best possible training and education. The Chemical and Biotech Department started a 2 yr. Post-Graduate program in 2006 offering M. Tech. in Chemical Engineering and Biotechnology degree with the aim of enhancing the research activity and Industry-Institute interaction. Since its inception, the institute has been continuously conducting different training courses, workshop, seminars, national and international conferences to provide a common platform for exchanging ideas, sharing knowledge and facilitating interaction among the academicians, industry personnel and R&D organizations in India and beyond. The alumni from the Departments are placed in responsible position in the academia and industry throughout the globe.

Place and Climate:

Haldia Institute of Technology (HIT) is about 125 km south of Kolkata and is well connected by rail and road with important metro cities of India. The distance from Kolkata airport (an international airport) is about 130 km and it takes about 2 hrs by car. The climate at Haldia during November is pleasant and the temperature generally varies from 20 ~ 25 deg C.

Technical Sessions:

- Green Nano Technologies for Sustainability.
- Carbon Capture & Clean Environment.
- Solar Panels, Electric Vehicle, Bio-fuel
- Nano Technologies for waste management.
- Biodegradable Nanomaterials
- Nano-Biodegradation of waste materials
- Cleaner energy production
- Nano Technology in Food Packaging.
- Nano Technology for Agro and food processing
- Nano Technologies for Medical waste management

Accommodation:

Accommodation for the delegates can be arranged on request in hotels, guest houses, and hostels subject to availability.

Registration Fee & Payment:

All payments should be made through demand draft / NEFT / Net banking in favor of: Conference SCBF HIT, A/C No: 110063790911 Canara Bank, Haldia, IFSC: CNRB0002938.

Registration Fee (Rs):	Offline	Virtual
Industrial Personnel	4000	2000
Scientist / Faculty members	3000	1500
Research Scholars /PG Students	2000	1500
Graduate Students	750	500
Foreign Delegates	\$ 120	\$80

Souvenir Advertisements (Rs):

Gold Sponsor (2 delegate free)	50000
Multi colour back page (2 delegate free)	30000
Multi colour back inside gatefold (2 delegate free)	20000
Multi colour front inside gatefold (2 delegate free)	20000
Multi colour full page (1 delegate free)	15000
Black & White full page (1 delegate free)	10000

Important Dates:

Abstract submission: (300 words)	: 15th July '24
Notification of acceptance by e-mail	: 20th July '24
Full paper submission	: 30th July '24
Last date of Registration	: 30th August '24