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CONVENER

Dr. Soumitra Kar

(soumitrakar@gmail.com , Mob: 8373081397)

CO-CONVENERS

Dr. Rajib Kr. Dubey & Mr. Anupam De

(dubeyassam@gmail.com & anupam.iitgo7@gmail.com)

TOPICS

This seminar will cover thrust areas of advance materials and technological applications

Fundamentals of NANO:

- Fundamental concepts of nano
- Physical and chemical properties of nanomaterials
- Various Synthesis strategies for nanomaterials
- Tailoring of properties by engineered synthesis
- Characterization of materials

Surface studies and surface modifications of nanomaterials

- Surface characterization
- Surface stabilization/coating
- Surface modifications to meet the need of various applications

Nanomaterials for Electronic and optoelectronic applications

- Nano-photonic Materials
- Laser and LED
- Photo-detector and Sensors

Nanotechnology for alternative energy

- Nano-based solar cell, fuel cell etc
- Nanomaterials in unconventional fields such as food, cosmetic, garments, home appliances, building material industry etc

NanoBiotechnology

- Nano-Materials in Bioscience
- Bio-imaging & sensing
- Biomedicine/Metallodrugs/Targeted Drug Delivery

Modelling and Simulations in Multidisciplinary Research

- Basic Matematics for theoretical and computational research
- Theoretical developments
- Modelling for experimental data interpretation
- Modelling and simulation for new innovative idea/challenge for experimentalists and theoreticians

2nd National Seminar on Nanoscience and Nanotechnology

(NSNN-2017)

17th - 18th March, 2017

Organized by

*School of Applied Science & Humanities
Haldia Institute of Technology, Haldia, West Bengal,
India 721657*



Sponsored by

*Science and Engineering Research Board (SERB), Govt.
Of India*



Seminar Website:

<http://hithaldia.in/nsnn2017/>

CALL FOR ABSTRACTS/PAPERS

Original research papers on the above-mentioned topics are invited for presentations. Submit one page abstract at nsnnhit2015@gmail.com. All accepted papers will be published in the seminar proceedings with ISBN Number. Selected papers will be published in International journal with additional publishing charge

IMPORTANT DATES:

Last date of Abstract submission: 8th March, 2017

Notification of Acceptance: 10th March, 2017

Last date of full paper submission: 10th March, 2017

Last date of online registration: 14th March, 2017

ACCOMMODATION & CONTACT DETAILS

Accommodations will be arranged for the participants on request in Hotels on self-pay basis.

E-mail: nsnnhit2015@gmail.com

ABOUT THE SEMINAR

The seminar aims to provide a forum for eminent academicians, technologists and young researchers to exchange their ideas on the latest development and future trends in the fields of Synthesis, Characterizations and Technological Applications of Nanomaterials. Eminent persons in the respective fields share their experience and knowledge with the participants, which in turn are expected to promote research activities in these advanced materials. This conference will also provide the platform for investment and collaborations between Academia, R&D sectors and Industries. The seminar will be extremely useful in the sense that it will be attended by chemists, physicists and engineers making it truly interdisciplinary. This conference aims to provide a suitable platform to young researchers to share their ideas and research findings in front of the peers of the respective fields to boost their research.

In addition, this seminar aims to bridge the gap between the scientists and the young undergraduate students by exposing the UG students to the scientific seminar and encouraging them to participate and interact with the renowned scientists working in different parts of the Country. UG students will be encouraged to present (Research/review) based scientific topics under proper supervision.

Haldia Institute of Technology

Haldia Institute of Technology (HIT), Haldia, is the oldest self-financed degree engineering college in West Bengal started in the year 1996 under "Indian Centre for Advancement of Research and Education (ICARE)". The institute plays an important role for creating highly trained professional manpower in various disciplines of Engineering, Technology and Management. The institute conducts U.G. & P.G. courses in 14 disciplines including MBA and MCA. Apart from U.G & P.G programs, continuous R&D activities are going on with collaboration of different premier national organizations.

Haldia Institute of Technology has recently re-accredited with Grade-'A' (3.31) by NAAC.



REGISTRATION DETAILS : (DD/Online Fund Transfer should be done in favour of "ES SEMINAR", payable at **Syndicate Bank, HIT Branch (IFSC code: SYNB 0009558; MICR Code: 721025003; A/C No. 95582200004277).**

Delegates from Industries	Rs. 2,000/-	Research Scholars/Accompanied persons	Rs. 1000/-
Delegates from Academic Institutions	Rs. 1,500/-	Students (B.Sc/B.Tech/M.Sc/M.Tech)	Rs. 600/-

Registration fees will cover registration kit and food. Abstracts (one page) will be published with valid ISBN/ISSN number at free of cost. Selected papers (maximum 4-pages) after review will be published in "Reputed International Journal" with additional publishing charge.