

Frontiers in Nano-Sciences 2024 (FINS 2024)



सत्यमेव जयते
Ministry of Electronics &
Information Technology
Government of India



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Centre for Nanotechnology



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INDIAN COUNCIL OF
MEDICAL RESEARCH

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Assam Advanced Healthcare Innovation Institute
Enhancing health through innovation & technology

INCUBATE NURTURE ACCELERATE
BIONEST
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Activity Schedule
(1-2 November 2024)

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Activity Schedule

Date	Time	Program	Venues
1 Nov	08.00-09.00	Registration	Conference Hall lobby
	09.00-09.50	Inaugural Function	Conference Hall
	09.50-10.15	High Tea	Conference Hall lobby
	10.15-12.00	Session-1	Conference Hall
	12.00-02.30	Session-2	Conference Hall
	02.30-03.30	Lunch Break	Conference Hall lobby
	03.30-04.30	Poster presentation	
2 Nov	10.00-11.45	Session-3	Conference Hall
	11.45-12.00	High Tea	Conference Hall lobby
	12.00-02.00	Session-4	Conference Hall
	02.00-03.00	Lunch Break	Conference Hall lobby
	03.00-05.15	Session-5 (Oral presentation by Students)	Conference Hall
	05.15-05.30	High Tea	Conference Hall lobby
	05.30-06.00	Valedictory Function	Conference Hall

Inaugural Function (01.11.2024) 09.00 am to 09.50 am

Time	Program	
09.00-09.05	Welcoming the Delegates	
09.05-09.10	Lightning the lamp	
09.10-09.15	Welcome Address by HOC	
09.15-09.30	Address by Prof. Dipankar Bandyopadhyay	
09.30-09.45	Inaugural Address by the Dean of Administration	
09.45-09.50	Vote of Thanks	
09.50-10.00	High Tea	

Valedictory Function (02.11.2024) 05.30 pm to 06.00 pm

Time	Program	
05.30-05.45	Brief Report & Feedback	
05.45-05.50	Prize distribution	
05.50-06.00	Vote of Thanks	

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Day1 (01.11.2024):

Session	Time	Speaker	Topic
Session-1 (10.15-12.00) Session Chair: Prof. Aditya Narayan Panda	10.15-11.15	Plenary talk by Prof. Abhishek Dey, IACS, Kolkata	Selectivity in CO ₂ Reduction
	11.15-12.00	Keynote lecture by Prof. Andreas Terfort, Goethe University Frankfurt	Electrochemical Fabrication Of Biosensors
Session-2 (12.00-02.30) Session Chair: Prof. Kalyan Raidongia	12.00-12.30	Prof. Arun Tej Mallajosyula, IIT Guwahati	On the path to realizing flexible resistive random-access memories
	12.30-01.00	Prof. Tanmay Dutta, IIT Guwahati	Skyrmions in a ferrimagnetic multilayers
	01.00-01.30	Prof. Uday Narayan Maiti, IIT Guwahati	Electronic tuning and hydrogel assembly of 2D materials for energy storage applications
	01.30-02.00	Prof. Ankush Bag, IIT Guwahati	Nanostructure Engineering for High-Performance Deep UV Photodetectors
	02.00-02.30	Prof. Uttam Manna, IIT Guwahati	Roles of Topography and Chemistry in Designing Liquid Selective Solid Slippery Interfaces

Day2 (02.11.2024):

Session	Time	Speaker	Topic
Session-3 (10.00-11.45) Session Chair: Prof. Partho Sarathi Gooh Pattader	10.00-11.00	Plenary talk by Prof. Karl-Heinz Ernst, Empa	Helical Aromatics on Surfaces: Magneto-Chiral Selectivity, Topological Self-Assembly and Molecular Motors
	11.00-11.45	Keynote lecture by Prof. Dipankar Bandyopadhyay, IIT Guwahati	Self-Organization of Micro/Nano Plastics
	11.45-12.00	High Tea	
Session-4 (12.00-2.00) Session Chair: Prof. Dipankar Bandyopadhyay	12.00-12.30	Prof. Shrestha Basu, Saha Institute of Nuclear Physics	Chiral Luminescent Materials for Theranostics
	12.30-01.00	Prof. Dibyendu Das, IISER Kolkata	Utilising simple building blocks for complex catalytic functions
	01.00-01.30	Prof. Kalyan Raidongia, IIT Guwahati	Reconstructed Layered Materials A Noble Platform for Ionic Thermoelectric Studies
	01.30-02.00	Dr. Sajal Sen, Chief operating officer, Assam Govt IIT G healthcare foundation	Nanotechnology in Health care delivery

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	02.00-03.00	Lunch Break	
Session-5 (03.00-05.15) Session Chair: Prof. Tapas Kumar Mandal	OP1 (3.00-3.15)	Prathu Raja Parmar	
	OP2 (3.15-3.30)	Leimapokpam Sophia Devi	
	OP3 (3.30-3.45)	Debabrata Sahu	
	OP4 (3.45-4.00)	Abinash Baruah	
	OP5(4.00-4.15)	Nayanjyoti Kakati	
	OP6 (4.15-4.30)	Jiwajyoti Mahanta	
	OP7 (4.30-4.45)	Abdul Kaium Mia	
	OP8 (4.45-5.00)	Atanu Purkayastha	
	OP9(5.00-5.15)	Ningthoujam Somorjit Singh	