

# ICAMEH 2024

## INVITED SPEAKERS

October 17-19, 2024

Seminar Halls 01 & 02 , T.P.S. College, Patna



**Prof. Hongqui Sun**  
**University of Western Australia,**  
**Australia**

"Nanostructured and three-dimensional graphene for advanced oxidation"



**Prof. H. C. Verma**  
**Emeritus Professor of Physics**

"Student Research Exposure Lab (SUREELA) :  
A concept to transfigure the research skills of students"



**Prof. Ashok K. Ghosh**  
**Research Director**  
**Mahavir Cancer Sansthan, Patna**

"Arsenic catastrophe causing human health hazard in the Bihar (India)"



**Prof. Arun K. Sinha**  
**Former Vice-Chancellor**  
**Patna University, Patna**

"Human Environment Index and its Applications"



**Prof. Ram Janay Choudhary**  
**Scientist-G, UGC-DAE, CSR, Indore**

"Electronic and magnetic properties of transition metal oxides thin films and its modulation via strain"

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**Prof. Ranjit K. Verma**  
**Department Of Chemistry**  
**Magadh University, Gaya**  
"Some exciting revolutions in the field of nanomaterials"



**Prof. Rekha Kumari**  
**Chairman, Higher Education, Bihar**  
"Impact of superfine Bael (eagle marmelos) powder an ancient herb on biomedical applications: a novel ecofriendly approach insight against toxicity"



**Prof. Ram Kumar**  
**Dept. of Environmental Science,**  
**Central University South Bihar, Gaya**  
"Microplastics in Indian rivers: occurrence, potential sources, and possible impacts"



**Prof. Neeladri Das**  
**IIT Patna**  
"Strategic Design and Synthesis of Triptycene-based Porous Organic Polymers for Environmental Remediation"



**Prof. Ajay K. Kushwaha**  
**IIT Indore**  
"Zinc-Tin Oxide Nanostructured Films for Photoelectrochemical Water Splitting"

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**Prof. Om Prakash Sinha**

**Amity Inst. of Nanotechnology, Noida**

"Eco-friendly Biowaste-Driven Synthesis of Carbon Nanomaterials for Energy Applications"



**Prof. Ashutosh K. Mishra**

**IIT Hyderabad**

"Exploring flavin as novel chemical construct for biomedical applications"



**Prof. Vivek Bajpai**

**IIT-ISM Dhanbad**

"Material fabrication in Novel Maglev EDM using biodegradable dielectrics: an approach towards green manufacturing"



**Prof. Pranjal Chandra**

**IIT BHU, Varanasi**

"Opto-Electrochemical Sensing Devices: Fabrication & Deployment in Precision Diagnostics"



**Dr. Girijesh K. Patel**

**MNNIT AAllahabad, Prayagraj**

"Gallbladder Cancer: cause, prevention, and challenges in clinical management"



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**Dr. Naresh Sanandiya**  
**Newcastle University, United Kingdom**

"Sustainable Polymer-Based Functional Materials  
for Versatile 3D Printing Applications"



**Dr. Sushant K. Singh**  
**Sonata Software, New Jersey,**  
**United States of America**

"Application of GenAI for Sustainable  
Nanomaterial Designing for Arsenic Remediation"



**Dr. Rohit Ranjan Shahi**  
**Central University South Bihar, Gaya**

"Energy Storage Properties of High Entropy  
Materials"



**Int'l Conference Web page**  
**<https://lgec.in/ICAMEH.asp>**