

# Advisory Committee

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Beijing, China

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University of Cincinnati, Cincinnati, Ohio

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Beijing University of Chemical Technology,  
Beijing, China

NCBTA-2021 | ONLINE  
12-14 Nov 2021

<https://www.gla.ac.in/ncbta/index.html>



Accredited with **A** Grade by NAAC

12-B Status from UGC



JADAVPUR UNIVERSITY

Department of Chemistry, **GLA University**, Mathura  
in collaboration with **Jadavpur University**

## 1<sup>ST</sup> INTERNATIONAL CONFERENCE ON NANO-ARCHITECTURES FOR CHEMICAL, BIOLOGICAL AND THERAPEUTIC APPLICATIONS (NCBTA-2021)

Supported by



Keynote Speakers



**Prof. Xiaoming Sun**  
Beijing University of  
Chemical Technology  
Beijing, China



**Prof. Jinwoo Lee**  
Korea Advanced Institute  
of Science and Technology  
(KAIST), Korea



**Prof. Sabu Thomas**  
Vice-Chancellor,  
Mahatma Gandhi  
University, Kerala, India

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The theme of NCBTA-2021 is to facilitate the Nano-architectures for Chemical, Biological and Therapeutic Applications that are more focused on solving key problems based on emerging nanoscience and technologies. The NCBTA-2021 will be featured by Plenary Speakers, keynote speeches, oral presentations and poster session.

The NCBTA-2021 aims to bring together leading academicians, scientists and research scholars to share and exchange their experiences, research findings and results.

Nanomaterials with unique chemical, magnetic, physical, biological and optical properties are of great importance in chemical, biological and therapeutic sciences. Although these fields have grown up significantly using nanomaterials, the precise control of properties and activities of nanomaterials towards chemical, biological and therapeutic applications are the major issues need a detailed analysis.

#### Convener

### Dr. Anuj Kumar

Assistant Professor  
Department of Chemistry, GLA University

#### Co-Convener

### Dr. Vinod Kumar Vashistha

Assistant Professor  
Department of Chemistry, GLA University

#### Organising Secretary

### Prof. T. Maiyalagan

SRM Institute of Science and Technology  
Kattankulathur

### Dr. Abhishek Srivastava

Assistant Professor  
Department of Chemistry, GLA University

## Theme of The Conference

### Key Areas

- ▲ Nanostructures and their Electrochemical, Mechanical and Electrical Properties
- ▲ Nanomaterials for Chemical & Biological Sensing
- ▲ Theoretical Studies of Nanostructures & Biological Systems
- ▲ Cancer Diagnosis & Treatment
- ▲ Targeted Drug Delivery & Therapies
- ▲ Drug design & discovery
- ▲ Biological Basis of Compound Activity
- ▲ Pharmacology and toxicology of nanoparticles
- ▲ Biosynthesis of nanomaterials
- ▲ Nanomaterials as biological agents
- ▲ Genome analyses and techniques
- ▲ Energy conversion and storage
- ▲ Electrocatalysis
- ▲ Materials Sciences

Conferences Proceedings will be published in “**Materials Today Proceedings**”

Selected papers will be published in special issue of

- ▲ Nano LIFE (Scopus & ESCI)
- ▲ Materials Science for Energy Technologies (Scopus & SCI)
- ▲ Materials Science (Scopus & SCI)

#### Registration Fee

(For Students) ₹ 600 INR / \$ 50 USD  
(For Academician) ₹ 1000 INR / \$ 50 USD

#### Paper Publishing Fee

(For Students) ₹ 3500 INR  
(For Academician) ₹ 5000 INR

## Invited Speakers



**PROF. PARIMAL KARMAKAR**  
Jadavpur University, India



**PROF. RAM K. GUPTA**  
Pittsburg State University, USA



**PROF. TUAN ANH NGUYEN**  
Institute of Tropical Technology, Vietnam



**PROF. ROBERT A. MAYANOVIC**  
Missouri State University, USA



**PROF. XIANGLIN LI**  
The University of Kansas



**DR. THOMAS GUILLON**  
Biologic, France