



INDO-AUSTRALIAN
CONFERENCE & WORKSHOP

ON

BIOMIMICRY:

NATURE'S PERFECT INNOVATION SYSTEM TO
DESIGN SUSTAINABLE FUTURE

LECTURE SERIES & HANDON EXPERIMENTS
ON
MODIFICATION OF BIOMASS-DERIVED NANOMATERIAL AS
ROBUST & EFFICIENT INTERFACES FOR INDUSTRIAL &
THERAPEUTICAL APPLICATIONS

31st Jan - 7th Feb 2025

ORGANISED BY
DEPARTMENT OF CHEMISTRY
JAMIA MILLIA ISLAMIA
IN COLLABORATION WITH
RMIT UNIVERSITY, AUSTRALIA

UNDER THE AEGIS OF
MHRD-SPARC
GOVERNMENT OF INDIA

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THE AIM OF BIOMIMICRY IS NOT TO CREATE A REPLICA OF A NATURAL FORM, PROCESS, OR ECOSYSTEM; INSTEAD, IT IS TO DERIVE DESIGN PRINCIPLES FROM BIOLOGY AND USE THOSE PRINCIPLES AS A STIMULUS FOR IDEATION.

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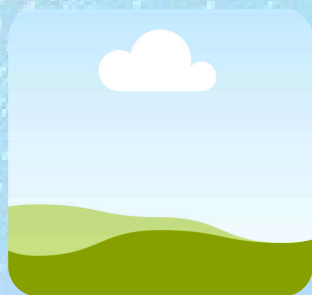
CHIEF GUEST

DR. RANJANA AGGARWAL
Director CSIR NIScPR

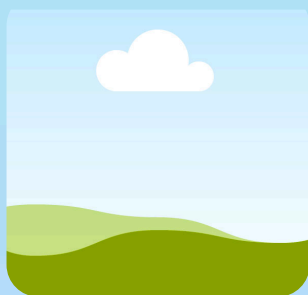


CHIEF PATRON

PROF. MAZHAR ASIF
Vice Chancellor
Jamia Millia Islamia



GUEST OF HONOR



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Workshop is organized on the recent developments of Bionanocomposites. The hand-on experiments and the themed lectures about the meaning of Bionanocomposites, methods of their development and recent application of Bionanocomposites will be taken care. The immediate hand on green syntheses and characterization by UV-Vis spectrophotometry for nanoparticles and the modifications of biopolymer (oxidation, blending, crosslinking) following the Infra-Red characterization for validation will also be taught as real experiments. In this workshop, we are focused on the applications of different polymer bionanocomposites particularly in biomedical and pharmaceutical field to get desired interfaces for Industrial and therapeutical applications.

The purpose of the 8-days workshop at the Department of Chemistry, Jamia Millia Islamia is to provide the key knowledge base and laboratory resources to prepare students for careers as professionals in the field of chemistry, for research graduate study in chemistry, biological chemistry and related fields, and industrial purposes.



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DEAN
Faculty of Sciences
Jamia Millia Islamia



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PROF. IMRAN ALI
HEAD
Department Of Chemistry
Jamia Millia Islamia



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- MR. MOHD SHAD

THEMATIC SCHEDULE

Jan 31, 2025	INAUGURATION	3:00pm ONWARDS
Feb 01, 2025	Green Nanotechnology: Future is Tiny & Ecofriendly Basic to Advances in Real Life Applications	10:30am - 5.30pm
Feb 02, 2025	Bio-nano-Interfaces: A Promising Pathway to Sustainability	10:30am to 5.30pm
Feb 03, 2025	Biomaterials: Securing Sustainable Future Nature's Inspired Designs - Biomimicry	10:30am to 5.30pm
Feb 04, 2025	Sustainable Technologies for Industrial Applications	10:30am to 5.30pm
Feb 05, 2025	Sustainable Technologies for Therapeutical Applications	10:30am to 5.30pm
Feb 06, 2025	Inspiration For Design & Processes with the Goal of Solving Research Problems POSTER PARTICIPATION	
Feb 07, 2025	VALEDICTORY & CERTIFICATE /AWARD DISTRIBUTION	11:00AM ONWARDS

REGISTRATION FORM

The participants are required to complete online registration via Google form and pay the registration fee via the given account details. The fee is non-refundable and includes a workshop kit, and lunch/refreshments.

Registration starts from 10 December. Scan the QR Code to fill the registration form.

Bank details are provided within the google form.

LATE DATE OF REGISTRATION - 10 JANUARY



Eligibility

Students of Post Graduate Onwards, Researchers and Working Professional in the field of Nanomaterials, Biomimicry.

Registration Fees

Registration Category	Workshop Registration (Without Accommodation)	Workshop Registration (With Accommodation)	On-spot registration (Without Accommodation only) Limited seats
Postdoc	₹ 3,500	₹ 5,000	₹ 4,000
PhD	₹ 3,000	₹ 4,500	₹ 3,500
PG (M.Sc./M.Tech)	₹ 2,500	₹ 4,000	₹ 3,000
Faculty and Scientists (National)	₹ 4,000	₹ 5,500	₹ 4,500
Students and postdocs (International)	100 USD	100 USD	100 USD
Industry/non-government participants	₹ 5,000	₹ 6,500	₹ 5,500
Poster participation only (Dated: 06/02/2025)	₹ 1,000 (Lectures of the same day)	No Accommodation	₹ 1,500 (Limited seats)

Venue

CIT-FTK Conference Hall, Jamia Millia Islamia, New Delhi

Contact

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