



Patron: Prof. Najma Akhtar (Vice -Chancellor)

Prof. Najma Akhtar (academic) is first female vice chancellor from April 2019 in the Jamia Millia Islamia. She is the first woman to hold this post & a gold medallist who earned her PhD degree in Education from Kurukshetra University. She received a Commonwealth Fellowship to study University administration at the University of Warwick in the UK and also trained at the Institute for European Environmental Policy in Paris. She established the first state level management institute at Allahabad and was the controller of examination & director of Academic progress at Aligarh Muslim University. Moreover, She has been a consultant to UNESCO, UNICEF and DANIDA. Her goal is to establish a medical college at Jamia during her tenure.

Keynote of Invited Speakers

Professor Darren Martin is the Chief Scientific Officer for start-up company TenasiTech Pty Ltd, which is commercialising a polymer nanocomposites platform as applied to large polyurethane and acrylic polymer markets and applications. He has won the prestigious iLab Prize in the national Enterprize Competition; and received the 2010 UQ EAIT Commercialisation award. Professor Martin’s research operates at the nexus of three key themes; (1) Strong fundamental materials science with global benchmarking; (2) Safe biomaterials and nanomaterials; (3) Scalable advanced manufacturing. His efforts in these areas during the past two decades have contributed to two successful start-ups, numerous products and a strong platform for globally competitive nanocomposites innovation.

Dr. Pratheep K Annamalai is Materials Engineer at Australian institute for bioengineering and nanotechnology (AIBN), the University of Queensland (UQ). Before joining UQ, Pratheep studied Chemistry in University of Madras, received PhD in Chemistry from University of Pune (India), then went on to work as postdoctoral researcher on polymer membranes at Université Montpellier II (France) and on smart polymer nanocomposites at Adolphe Merkle Institute - Université de Fribourg (Switzerland). His primary research themes are fundamentals, processing, structure-property performance and applications of the 'sustainable polymer materials' and 'nanoe-enabled building and construction materials'. He is passionate about engineering and designing materials towards sustainability using nanotechnology tools and has extensive expertise in both translational and fundamental research.

Dr. Ashok Nanjundar is currently a Head Product Scientist at Graphene Manufacturing Group Australia and an Adjunct Associate Professor at The University of Queensland. His expertise in the synthesis of carbon-based nanostructured materials and polymers, in particular, the implementation of such materials in emerging energy applications. He has been the recipient of four competitive national and international fellowships including the prestigious Marie-Curie fellowship at the French Atomic Energy Commission. He also worked as a Research Fellow at the Trinity College Dublin. In 2016, he won a UQ Early Career Researcher Award. He has co-authored 70 journal publications, many of which appeared in high-ranking journals in the field.



Prof. Seemi Farhat Basir is present Dean (Faculty of Natural Sciences) & Former Head, Dept. of Biosciences, JMI since April 2007- April 2010. She has been elected First Vice-President Federation of Central Univ. Teacher’s Association (FEDCUTA), 1999-2000. Also, she has been the board member of UGC Expert Committee for assessment of Himachal Pradesh University, Shimla, for the X plan and evaluate its requirements for XI plan, expert Committee of UGC to evaluate research projects; board of Studies of the Department of Biochemistry, University of Kashmir, Srinagar; board of Studies of the Department of Biotechnology, Aligarh Muslim University, Aligarh; expert Committee for PhD Biochemistry Program, IGNOU. She has been a member of expert Committee for opening Postgraduate course in Biochemistry in Maulana Mohammad Ali Jauhar University, Rampur.

Technical Programme

The organizing committee cordially invites the international scientific community to participate in this event. Conference programme will comprise of the following events:

1. INDO-AUSTRALIAN Webinar on, “Formulation and Characterization of Materials & their broad applications for Sustainable Environment and Therapeutics” dated March 01-02, 2021.
2. Poster Presentation (Offline) at the Department of Chemistry dated March 02, 2021.
3. Online Lecture series on “Bio-derived Materials for Sustainability & Innovations” dated from March 03-13, 2021.

- The poster abstracts are invited from the participants in the following areas:
 - Material processing, computing, designing, renewable energy, technology, green catalysis, biotransformation, biofuel, CO₂ capture, storage and utilization.
 - Batteries and Energy Materials
 - Green chemical reaction, synthesis and biosynthesis of organic, natural, multifunctional, nanomaterials mediated by plant and microbial species.
 - Materials Science & Engineering
 - Nanotechnology in Materials Science
 - Photoactive, Photovoltaic and Green engineering material.
 - Cancer Nanotechnology
 - Nanotoxicity
 - Bio-Nanomaterials and Tissues Engineering

CALL FOR ABSTRACT

The organizing committee of the conference is pleased to invite the prospective participants for poster presentation. Original and unpublished work based on the theme should be submitted online latest by 23rd February’21 with following specification: MS word, Times New Roman, font 12 with single line spacing with maximum 250 words only on the registration link given below:

<https://forms.gle/J68Q85g4N8EG48sK6>

IMPORTANT DATES (DEADLINES)

Registration: February 20 2021

Abstract Submission

(Offline Poster): February 23 2021

Acceptance of the abstract will be sent within a week of the receipt.

**Note: Participation in the event is complimentary.*

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