

Materials science is currently immovably settled interdisciplinary field to different zones of science and technology including the properties of issue of composites materials and their applications. It incorporates components of connecting science mainly known as physics, chemistry and biology and in addition compound, mechanical, common and electrical engineering etc. The premise of all materials science investigates the growth, development and preparation of new materials, and in addition their processing, fabrication, bonding and encapsulation, together with the dependability, failure analysis, quality affirmation and characterization with the entire scope of uses. Material science as a vast subject consist of interdisciplinary perspectives covering areas including metals, ceramics, glasses, polymers, electrical materials, composite materials, fibers, nanostructured materials, nanocomposites, biological and biomedical materials. Just to quote as an example: their application in present modern electronics day is progressing then fundamental science, for example, semiconductor material science. In materials science, as opposed to aimlessly searching for and finding materials and exploiting their properties, one rather intends to comprehend materials in a general sense/fundamentally so new materials with the ideal properties can be made.

This special issue aims towards a multidisciplinary platform to academia and practitioners in all areas of material science. By offering a common platform for researchers and students to enhance the national and international exchange of scientific activities in materials science putting the stress on the original research papers, review articles, research notes with novelty as well as brief of scientific achievement, covering a broad spectrum of materials science and technology, encompassing synthetic polymers /biopolymers, electrochemistry, nanomaterials, nanocomposites; novel electronics materials, scintillates, luminescence, Photocatalysis, crystal-structure, biomedics etc. This issue accepts the high quality articles containing original results and review articles of exceptional merit and will let reader to have more insightful and focused approach to advanced materials as product and/or technology reformations.

Review Procedure

The Journal follows a peer-review process. The submitted articles / research papers are reviewed by Professors / Educators in Material Science.

Publication Ethics and Malpractice Statement

The journal follows a stringent publication ethics, and plagiarized papers are not published, and are withdrawn at any stage of the publishing process.

Lead Guest Editor

Dr. Saiqa Ikram

Department of Chemistry, Jamia Millia Islamia, New Delhi, INDIA

sikram@jmi.ac.in

Dr. Baoliang Zhang

School of Natural and Applied Sciences, Northwestern Polytechnical University, Xi'an 710072, PR China

blzhang@nwpu.edu.cn

Dr. Suresh Sagadevan
Nanotechnology & Catalysis Research Centre (NANOCAT), University of Malaya, Kuala Lumpur
50603, Malaysia
sureshsagadevan@gmail.com

Prof. Saber Mohamed Abd-Allah
Department of Theriogenology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt
abdallahsaber49@gmail.com

Guest Editor

Dr. Preeti Singh
Department of Chemistry, Jamia Millia Islamia, New Delhi, India
psingh.pdf@jmi.ac.in

Dr. Mudasir Ahmad
School of Natural and Applied Sciences, Northwestern Polytechnical University, Xi'an 710072,
PR China
mirmudasirv@gmail.com

Dr. Kaiser Manzoor
Department of Chemistry, Jamia Millia Islamia, New Delhi India
kaisermanzoor2010@gmail.com

Potential topics include, but not restricted to the following:

Material Science: Characterization and Evaluation of Materials
Nanomaterials/ Nanotechnology
Polymer Sciences: Polymer and Composite Materials, Ceramic materials
Adsorbed Polymeric Materials: antimicrobial activity, Hydrogels, wound dressing, remediation of water, fuel cells
Biotechnology: Biomaterials, Biomedical Materials, environmental and medicine.
New Energy Materials: metals and metal alloys, advanced metallic materials.
Environmental coordination materials: Energy, Utilities & Environment.
New Advanced Functional Materials: Self assembled materials, Optical and Microelectronic materials.
Crystallography: Inorganic /organic networks of the material, semiconductors Composite materials, Fluids and liquid crystals and lattice defects
Structural, Optical, Mechanical and thermal analysis of materials
Surface Science/ Catalysis: Chemical vapour deposition, Coatings, Clusters and colloids.
Computational materials science
Green Technology for sustainable & Innovation in Material

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Manuscripts have to be submitted by e-mail at sikram@jmi.ac.in

Thanking You,

Best Regards
Dr Saiqa Ikram
Associate Professor,
Department of Chemistry,
Jamia Millia Islamia
(Central University) New Delhi-25
(INDIA)
sikram@jmi.ac.in