

Journal of Materials Design and Technology (JMDT)

Aims

The Journal of Materials Design and Technology (JMDT) is an international, peer-reviewed UK-based journal focusing on materials science and advanced material technologies. The journal aims to publish high-quality research covering the design, development, characterisation, and technological application of advanced materials, from fundamental studies to engineering-driven solutions.

JMDT provides a scientific platform for innovative material technologies that support high-performance, sustainable, and technology-driven systems across engineering and industrial applications. Interdisciplinary approaches are encouraged where material science is the central contribution.

Scope

The journal welcomes original research articles, reviews, and technical communications in the following areas:

Design, synthesis, and characterisation of advanced materials (polymers, composites, ceramics, metals, nanomaterials)

Functional materials, thin films, coatings, and surface engineering

Advanced manufacturing technologies, including additive and digital fabrication

Smart, adaptive, and bio-inspired material systems

Sustainable materials, life-cycle assessment, and circular material technologies

Materials and technologies for energy, aerospace, automotive, construction, and biomedical applications