

## 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