

# Preface

This edition presents the results of research and developments in applied materials and technologies of their processing.

The first two chapters include research of properties and conditions for the application of materials for photovoltaic, electronic and electrical engineering applications and special alloys, and antibacterial polymers, and composites for biomedical use.

The particular chapter is devoted to studying technologies and materials for wastewater treatment in industrial conditions.

Results of analysis of properties of modern building materials constitute the content of the last chapter, which will be helpful to specialists in construction.

The presented edition will be useful to many researchers and engineers in materials science and technologies in the mentioned branches of engineering.