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PREFACE

Materials science and technology development plays an active role in several fields of life including medicine, infrastructure, energy, computational material science, and others. Researchers and academics are at the forefront of this development. Indonesia Journal of Materials Science (JUSAMI) was founded to represent their needs, which are now widely recognized as an integral part of scientific and characterization investigations. JUSAMI Vol. 27 No. 1, October 2025 is proudly published several paper entitled: 1) *Recent Progress on Colorimetric Sensors for Hg(II) Detection*; 2) *Study of the Effect of Ultraviolet Exposure Duration on Polypropylene Properties*; 3) *Electronic Structure of Various Shapes of Graphene Quantum Dot* ; 4) *Mechanical Properties of Banana Peduncle Fiber Ropes*; 5) *Binary Composite of Chitosan-Derived Porous Carbon/PANI for High Capacitance Performance of Supercapacitors*; 6) *The Influence of Anodizing Electrolyte Concentration on Ni-P Deposition on Anodic Aluminum Oxide (AAO)* ; 7) *Quercetin Encapsulation on Chitosan-Pectin Membranes as a Drug Delivery and Its Release Kinetics*; 8) *Layer Influence on Organosilica Composites Strength to Withstand the Impact of 9mm Caliber Bullets* ; 9) *Impact of Surfactants on the Performance of Plastic Modified Bitumen: A Study on Ductility, Penetration, and Softening Point*.

All articles in this volume of JUSAMI received a peer review conducted by the Journal Editors. Expert referees conducted reviews according to the professional and scientific criteria expected of a JUSAMI.

This issue would not have been possible without the valuable cooperation of the Editorial Board and secretariat members, to whom we extend our sincere gratitude. All Editorial Boards approved the authors and reviewers, enabling the Indonesia Journal of Material Science to publish articles on high-quality research and development materials expected to advance the topic of materials science.

Editor in Chief

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