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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. 2, April 2025 is proudly published several paper entitled: 1) *The Influence of pH on Structural, Morphological, and Optical Properties of Al₂O₃ Nanoparticles Synthesized by Syzygium aromaticum Leaf Extract*; 2) *High Temperature Corrosion On Inconel and Carbon Steel Filler of Weldment in Liquid Pb at 800 °C*; 3) *Glucose Detection Using a Surface Plasmon Resonance Biosensor Functionalized by Glucose Oxidase*; 4) *Enhanced CO₂ Adsorption Using Activated Carbon From Tea Stem Waste Via Activation–Carbonization Strategy*; 5) *Synthesis and Characterization of Biocompatible Facial Sheet Masks Utilizing Ginger Cellulose and Jicama Starch*; 6) *Characteristics and Photocatalytic Performance of Coprecipitation Praseodymium (Pr)-doped Strontium Titanate for Methylene Blue Degradation*; 7) *Density and Tensile Properties Analysis of Biocomposite from Lid Film Waste and Oil Palm Empty Fruit Bunch Fiber*; 8) *Physical and Mechanical Properties of Chitosan Bioplastics with Ramie Fiber Concentration Variations*.

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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