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# INDONESIAN JOURNAL OF MATERIALS SCIENCE

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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. 26 No. 2, April 2025 is proudly published several paper entitled: *1) Simple Synthesis of 4A Zeolite with the Addition of $Al_2O_3$ and $Na_2EDTA$ Compounds; 2) Powder Coating Waste Utilisation as a Filler in High-Density Polyethylene (HDPE) Coupled with PP-g-MA ; 3) The Effect of Ionic Liquid and Lithium Salt Electrolyte Addition on The Characteristics of Polyvinyl Alcohol/Chitosan-Based Membranes; 4) Formulation and Characteristics of Sunscreen Cream based on Isolated Lignin from Oil Palm Empty Fruit Bunch (OPEFB); 5) Thermal Evaporation of Graphite on Silicon: A Molecular Dynamics Simulation; 6) Copper Dissolution Rate of Modified Self-Polishing Antifouling Paint with Cerium Oxide ; 7) Surface Modification of Hematite using Stearic Acid as Hydrophobic Inorganic Pigment Materials; 8) Double Emulsion Based Alginate/Chitosan Prepared by Ultrasound for Bioactive Encapsulation; 9) Color and Total Organic Carbon (TOC) Removal from Peat Water Using The Electrocoagulation Process: Central Composite Design for Optimization*

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 expressed their approval of 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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