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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. 28 No. 1, October 2026 is proudly published several paper entitled: *1) Adaptive Energy Absorption Behavior of Polyurethane Foam Impregnated with MWCNT-Based Shear Thickening Fluid; 2) Optical Properties of Pristine and Li-Adatom-Functionalized B2N Monolayers: A First-Principles Prediction of Anisotropic and Tunable Response; 3) Integrating Factorial Design and Sustainable Porogen Templating for Controlled Surface Area in Hydroxyapatite; 4) Microcrystalline Cellulose from Coconut Pulp Residue; 5) The Effect of Fiber Thickness of Styrofoam Made Using Rotary Forcespinning for Water Filter Aplications; 6) Utilization of Coal Fly Ash as a Supplementary Cementitious Material in Shotcrete for Slope Reinforcement in Mining Areas; 7) Study of Lignin Addition as Coupling Agent on Paving Block Properties Made with Polypropylene; 8) Development of Chitosan–Activated Carbon Composite Adsorbent Films for Fe^{2+} Removal: A Full Factorial Design Approach; 9)Biodegradable Pickering Emulsions Stabilized by Cellulose Nanocrystals Derived from Pongamia pinnata Fruit Peel Waste; 10) Dielectric and electronic structure modulation in andalusite through nitrogen and boron substitution: a first-principles study.*

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.

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