

MESSAGE FROM THE CHIEF EDITOR

This edition consists of eight articles cover different interested topics. The articles comes as the output of a research collaboration between Universitas Mercu Buana with Universitas Kebangsaan Malaysia such as *Synthesis and Chararterization of Toluene Sulfonic acid (TSA) Doped Polypyrroleg Nanoparticles Effect of Dopant Concentration* and *Optimization of Screen Printed Reference Electrode Based on Charge Balance and Poly (Butyl Acrylate) Photo Curable Membrane*. The article *Biodiesel Production from Waste Cooking Oil by Using Ultrasonic Tubular Reactor* is the result of research collaboration between Indonesian Institute of Science (LIPI), Universitas Mercu Buana and Universiti Tun Hussein Onn Malaysia (UTHM). The article entitled *High Resolution imaging of Boron Distribution on Diamond Film Using Energy Filtered TEM* is the output of research collaboration between Badan Tenaga Nuklir Indonesia and RWTH Aachen, Germany. The contribution of Universiti Teknologi Mara, Malaysia entitled *Life Extension Technique for Weled Structure Using HFMI/PIT: A Review on Past and Current Research with Application* enrich the area of potential collaboration with Univeritas Mercu Buana. Last but not least, three articles were originally the output of local research. They are *The corrosion Protection on Steel Pipe St 41 in Water Plumbing Environmental Using Natrium Carbonate (Na_2CO_3) as Inhibitor*, *Effect of Annealing on Magnetic and Structural Properties of NanoCrysstalline Fe-Mb-Al Alloys*, and *Development of Integrated Gas Instrumentation System in Direct Reduction Plant*.

We welcome Prof. Dr. Sreekantantha Reddy Dugasani, Research Professor, Department of Physics Sungkyunkwan University, Suwon, Gyeonggi, Assoc. Prof. Dr.-Ing Yupiter Manurung Director of Advanced Manufacturing Technology Excellence Centre (AMTEEx), Universiti Teknologi Mara- Malaysia (UiTM) and Dr.-Ing. Pudji Untoro, Director of Center for Innovation and Certification, Surya University, Indonesia to strengthen the Editorial Team. We hope that their contribution to the journal will enhance the quality of the Journal.

Prof (em) Dr.-Ing. Ir. Darwin Sebayang