

Dear Readers,

Praise and gratitude be to God for all graces and gifts given, who has allowed us as the editorial team to publish the scientific journal of **Instrumentasi** of Volume 47 No 1 period January-June 2023. As a medium for information and communication, all papers published in this journal are anticipated to impact science and technology development significantly.

This edition has seven papers relating to measurement techniques and measurement instruments, such as 1. An Acoustic Measurement Uncertainty Evaluation: Case Study of Acoustic Instrument Calibration Using the Portable Calibration System; 2. Development of a Low-Cost Clinical Blood Pressure Data Recording Unit with a High Sampling Rate; 3. Performance Evaluation of Cyclone Separator with Computational Fluid Dynamic Simulation; 4. Biogas Control Prototype in Cow Daily Based on the Internet of Things (IoT); 5. System Design Human Machine Interface – Programmable Logic Control in Mini Plant Automation Temperature and level control; 6. The Nuclear Medicine Device Design for Probe Based Thyroid Gland Function Diagnosis; 7. IoT Implementation for Laboratory Ambient Data Logging in Accordance with ISO/IEC 17025 : 2017

The editorial team expresses their gratitude and appreciation to all of the reviewers of the **Instrumentasi** journal for their assistance and cooperation in improving article writing. In addition, we also would like to thank the authors who have entrusted their articles to be published in the **Instrumentasi** journal.

Finally, our editorial team invites colleagues to publish and disseminate the results of research and developments in the fields of instrument engineering, measurement (metrology), testing and control. We also continue to strive to provide good-quality articles from experts. Of course, we still hope for criticism and suggestions to improve the quality of publications in the **Instrumentasi** journal and apologize if there are things that are not pleasing in this publication. Enjoy your reading; hopefully, it will provide insight and benefits for the development of science and technology in Indonesia.

Editors