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MESSAGE FROM THE EDITOR-IN-CHIEF

Assalamualaikum and Greetings to all,

I am Maaspaliza Azri, the new Editor-in-Chief for the International Journal of Electrical Engineering and Applied Science (IJEEAS).

Firstly, I extend my warm welcome to the readers and authors on the latest publication of the International Journal of Electrical Engineering and Applied Science (IJEEAS). I would like to thank the Editorial Board Members for their ongoing hard work and assistance in making the 10th edition of volume 5 no. 2 a reality. The Editorial Advisory Board's support and the Editorial Board's contributions are both crucial and greatly valued. Not to forget the extraordinary efforts of our expert reviewers, we would most definitely not be able to publish a quality journal without their voluntary participation, ensuring high technical and editorial standards. I also like to thank the contribution from the authors, whose faith in us from the start enabled us to move the journal forward. We sincerely believe and looking forward to continuously receive a high-quality research papers from authors all over the world. I always welcome any feedback you may have on how we can keep making improvements to our journal.

This edition features six interesting articles contributed by the authors from various countries and affiliations. The article from T. M. Anteneh presents an insightful investigation on the Direct Torque Control (DTC) drive scheme for induction motor speed control. Using the discrete-time integrator technique, a good transient and steady state performance were observed through verification using the Matlab/Simulink software tool.

On power and energy matters, there are three articles contributed by the authors. An interesting work from Hairi et al. study the case of overcurrent protection in radial distribution network. It verifies how the chosen pickup current and time dial settings (TMS) able to provide full protection of the network. The article from N. Eghtedarpour presents an analysis on reduction of back-flashover rate in high voltage line through the use of back-flashover corrective methods, tower-footing resistance reduction, insulation level improvement and line arrester installation. This has contributed toward effective solution for the protection of fuzzy logic for congestion management in deregulated power system. It is found that the used technique results in easier monitoring of the transmission load condition for better pricing mechanism.

It is a known fact that the energy consumption is an important aspect of battery driven sensor nodes in a wireless sensor network. In relation to this, an article from M. A. Khan proposed a new cross-layer based energy consumption model for better energy management. Lastly an article by K. W. Ong et al. discusses on the use of combination between neural network and image processing for vehicle classification applied in the traffic system. The experimental results convincingly show how different techniques used produce different performance in vehicle detection.

I hope readers will enjoy this edition and thank you for always keep following our publication and supporting IJEEAS.

Dr. Maaspaliza Azri Editor-in-Chief IJEEAS