

Editorial

The current fourth issue of the fourteenth volume of Assumption University Journal of Technology (AU J.T.) completes the said volume and contains a collection of selected works which illustrate the diversity of modern technology.

The regular paper entitled, Optimization of Local Routing for Connected Nodes with Single Output Ports - Part I: Theory, by Dobri Atanasov Batovski, provides optimization of packet flows in configurations of two, three and four mobile nodes.

The regular paper entitled, Development and Design of Constant-Force Compression Spring Electrical Contacts, by Ikechukwu Celestine Ugwuoke, reveals modified configurations of compliant constant-force mechanisms for use as constant-force compression spring electrical contacts.

The regular paper entitled, Effect of Hydrocolloids on Sensory Properties of the Fermented Whey Beverage from Different Types of Milk, by Wunwisa Krasaekoopt and Tashya Lokuliyanage Cabraal, studies how hydrocolloids improve the sensory quality of fermented whey beverages.

The regular paper entitled, Elementary Students' Achievement and Participation Using Three Types of Web-based Feedback, by Sumalee Chanchalor and Weerachart Pasicha, determines the conditions for having the highest achievements with the use of web-based learning.

The review article entitled, Vetiver Research, Development and Applications in Thailand, by Narong Chomchalow, is the Editor's contribution, which reviews some latest works on vetiver and gives further insights into its applications in Thailand.

The review article entitled, Condition Monitoring for Nigerian Industries: A Review, by Olurotimi Akintunde Dahunsi and Matthew Sunday Abolarin, considers the necessity of implementing a condition monitoring program for machinery and plant maintenance.

The technical report entitled, The Patterns and Causes of Drinking Among Students in a Private University, by Siriporn Poonruksa, describes an ongoing work to understand patterns and causes of drinking of university students by using phenomenological qualitative design.

The technical report entitled, Studies on Microbiological, Proximate Mineral and Heavy Metal Composition of Freshwater Snails from Niger Delta Creek in Nigeria, by Bukola Christianah Adebayo-Tayo, Abiodun Anthony Onilude and Florence Imo Etuk, is a case study on freshwater snails harboring pathogenic microorganism and heavy metals, which can pose serious health hazard to consumers.

The technical report entitled, Effect of Textural Characteristics of Rock on Bit Wear, by Babatunde Adebayo, investigates the relationship between wear rate and quartz proportion, silica content, average grain size, porosity and packing density of selected rocks.

The technical report entitled, Development and Performance Evaluation of Hydraulic Brick Moulding Machine, by Pius Bamidele Mogaji, is a practical contribution, which proves that a hydraulic brick moulding machine of good performance can be built at low cost for people in need.

Narong Chomchalow, Editor, AU J.T.

In Memoriam

Dr. Holly Shaw Dugan passed away on 28 April 2011. We would like to honor her participation as a member of the Editorial Board of Assumption University Journal of Technology and her dedication to Assumption University. But more importantly, we would like to remember this brave and charming woman whose courage and sense of humour touched us all. Our thoughts and prayers are with her family and friends.