

Editorial

The short description of topics provided below shows a steady continuation of the original contributions from a traditionally diverse community of scholars.

The regular paper entitled “Local Routing with Simultaneous Transmission Attempts to Several Adjacent Nodes” by Syed Muhammad Tayyab and Dobri Atanasov Batovski introduces a hybrid traffic splitting algorithm assisted by a decision-making analytic method for local routing in ad-hoc networks.

The regular paper entitled “Simulation and Control of One-room Heating, Ventilation and Air-conditioning System” by Docho Tzankov Tzankov, Chavdar Momchilov Hardalov and Mihail Stoyanov Mihalev proposes a practical model of one-room thermodynamic behavior effectively handling different dynamic modes of operation of air-conditioner and the corresponding adapted controllers.

The regular paper entitled “Characterization of Crude Alkaline β -mannosidase produced by *Bacillus* sp. 3A Isolated from Degraded Palm Kernel Cake” by Abiodun Anthony Onilude, Ilesanmi Festus Fadahunsi, Ukponobong Effiong Antia, Emmanuel Oluwaseun Garuba and Mohammed Inuwa Ja’afaru is a study of the distinctive properties of the crude alkaline β -mannosidase from *Bacillus* sp. 3A which make this enzyme attractive for industrial application.

The review article entitled “Vetiver: An Amazing Plant for the Green City” by Narong Chomchalow is the Editor’s contribution which provides a discussion about the vetiver as a natural solution to mitigate the effects of climate change due to global warming caused by the release of greenhouse gases into the atmosphere.

The technical report entitled “Production of Yogurt Powder Using Foam-Mat Drying” by Wunwisa Krasaekoopt and Sumit Bhatia evaluates the production of yogurt powder by using foam-mat drying method.

The technical report entitled “Black-Box Modelling of Ethyl Acetate Reactive Packed Distillation Column” by Abdulwahab Giwa and Süleyman Karacan describes the development of two black-box models for ethyl acetate reactive packed distillation process.

The technical report entitled “Screening of Microorganisms Isolated from Different Environmental Samples for Extracellular Lipase Production” by Haliru Musa and Bukola Christianah Adebayo-Tayo shows that that certain isolated bacteria and *Trichoderma* strains are potential lipase producers.

The technical report entitled “Development of Computer-Aided Design Software for Jigs and Fixtures for Drilling Flanges” by Samuel Babatope Adejuyigbe, Pius Bamidele Mogaji and Olatunde Abiodun Odufale describes user-friendly software which would allow the manufacture of jigs and fixtures for drilling flanges in large quantities to become very easy.

The technical report entitled “Modeling a Digitalized Indexing Structure for a Departmental Library Using HTML” by Obinna Emmanuel Okongwu and Lanre Joseph Olatomiwa considers the basics of digital cataloguing and the steps involved in the conversion of an existing card catalogue into a digital database.

The letter entitled “Comparative Evaluation of Flux Coated Mild Steel Electrodes in Nigeria” by Adetunji Kolawole Ogunkoya, Adekunle Taofeek Oyelami, Olasupo Ogundare and Bankole Adeoye Olunlade uses test results to compare the properties of mild steel electrode brands in the Nigerian market.

The Editorial Office appreciates the interest in AU Journal of Technology expressed by many prospective authors and will continue to provide an academic forum for all aspects of technology.

Narong Chomchalow, Editor, AU J.T.