

Editorial

The current issue of AU Journal of Technology is dedicated mainly to developmental topics. The reason is that the Editorial Office received a number of Technical Reports which are waiting in a queue for some time. The following short descriptions of ten selected contributions illustrate the dedication of the authors to their preferred field of study.

The Technical Report entitled “Screening of Lactic Acid Bacteria Isolated from Fermented Food for Bio-molecules Production” by Rachel Oluwayemisi Ishola and Bukola Christianah Adebayo-Tayo is concerned with the production of Exopolysaccharide (EPS) production from lactic acid bacteria.

The Technical Report entitled “Evaluation of Mechanical Properties of Medium Carbon Steel Quenched in Water and Oil” by Jamiu Kolawole Odusote, Tajudeen Kolawole Ajiboye and Abdulkarim Baba Rabi provides experimental data that medium carbon steel samples quenched in palm oil display better properties compared with that of water-quenched samples.

The Technical Report entitled “Isolation of *Salmonella* from Natural Sources Representing High Potential for Biofilm Formations” by Manutsawee Tammakritsada and Tatsaporn Todhanakasem studies the biofilm forming ability on glass and plastic materials of *Salmonella* isolated from chicken intestines and eggs.

The Technical Report entitled “The Use of Job’s Tear (*Coix lacryma-jobi* L.) Flour to Substitute Cake Flour in Butter Cake” by Marco Kutschera and Wunwisa Krasaekoopt describes the formulation and production of butter cake containing Job’s tear flour which tends to increase the fiber and protein contents of the final product.

The Technical Report entitled “Antibacterial Activity of *Chrysanthemum indicum*, *Centella asiatica* and *Andrographis paniculata* against *Bacillus cereus* and *Listeria monocytogenes* under Osmotic Stress” by Nateepat Pitinidhipat and Patchanee Yasurin investigates antibacterial substances for potential food safety applications in the food industry.

The Technical Report entitled “Eco-marathon Car Driving Pattern and Miles Per Gallon” by Akinola Abdul-Ghaniyu Adeniyi and Abubakar Mohammed investigates the driving pattern and engine designs that result in optimal fuel consumption for vehicles that could make more mileage per gallon (mpg) of fuel.

The Technical Report entitled “A 9-dof Displacement Analysis of a Large Truck Plying a Rough Road” by Akinola Abdul-Ghaniyu Adeniyi and Abubakar Mohammed presents a 9-degree of freedom analysis of a 2D truck for a comfortable ride along a rough road.

The Technical Report entitled “Extraction and Characterization of Soybean Oil Based Bio-Lubricant” by Francis Uchenna Ozioko is a case study on the possibility of producing bio-lubricant with soybean and studies the proximate and physical properties of crude soybean oil.

The Technical Report entitled “Inhibition Characteristics of Watermelon Oil on Aluminium in Acids and Saline Water” by Nuhu Ali Ademoh demonstrates that the watermelon seed oil is a good corrosion inhibitor for aluminium in aqueous solutions of sulphuric and acetic acids.

The Technical Report entitled “A Remote Controlled Motorized White Board Cleaner” by Tsado Jacob provides practical information about the design, construction and testing of a controlled motorized white board cleaner.

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