
From the Editor-in-Chief

African Journal of Computing & ICT has attained its 11th year, and so it is a pleasure to introduce Volume 11, Number 1, March 2018 edition of the journal.

This edition contains four (4) research papers which dwelt on different areas of computing and ICT scholarship and practice.

The paper by V. I. Yemi-Peters and O. S. Obaniyi is concerned with the design and implementation of a verification system for expelled/rusticated (Nigerian) University students using biometric (fingerprint) authentication. This paper is important in tackling the challenges posed by students who, having been rusticated/expelled from one institution, register in another institution without the new institution having any prior information about the students' previous status. This is as a result of lack of appropriate verification mechanism in place in many institutions.

The design and implementation of optimal GSM base transceiver station placement via genetic algorithm is the theme of the paper by E. Nwelih, P. O. Asagba and C. Ugwu. The paper presents a procedure for placing a GSM base transceiver station at the optimal position via genetic algorithm, with Nigeria as a case study. This research is important due to the proliferation of GSM base stations even in residential neighborhood and the attendant health and related implication. The authors conclude that existing Base Transceiver Systems (BTS) have not totally complied with placement standards as specified by the two leading Nigerian regulatory bodies, namely, Nigerian Communications Commission (NCC) and National Environmental Standard Regulatory Agency (NESREA).

The paper by Shaka A. Imavah and Fasola P. Abifarin dwells on performance testing of the response time of two leading digital library software, with respect to handling of rich text data. These are Greenstone and DSpace software. The authors showed that there is no significant difference between the response time of the two software in handling rich text data. The paper is significant not only for established libraries, but also for libraries at their infancy and those that are being contemplated.

And last, but by no means the least, the work of C. P. Ezenkwu, B. U. Stephen and B. F. Daniel focuses on the development of a warning/alarm system to notify a student who is likely going to have extra semester(s)/session(s) ('spill over student') in the course of his/her academic programme in a higher institution. The paper is capable of assisting an institution in minimizing failure rate among the students by giving adequate information and warning about poor academic performance, before it leads to the student being asked to withdraw from the institution. The methodology used is the Back-Propagation Neural Network.

I wish to thank all members of the Editorial Board and the Editorial Assistant for their contributions towards the publication of the 11th volume of the journal. Appreciation also goes to the authors and others who played one role or the other in the review and publication process of this edition.

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