

From the Editor-in-Chief

Readers are welcome to Volume 12, Number 3, September 2019 issue of this journal – *African Journal of Computing & ICT*.

Seven papers appear in this edition. The themes respectively focus on website accessibility, internet censorship, big data analytics and management information system (MIS). Others include social aspect of information security, intrusion-detection system and mobile ad-hoc network (MANET).

The paper contributed by Ismaeel A. Sikiru, Olayiwola W. Bello and Rafiat A. Oyekunle is on the evaluation of the websites of all the state governments in Nigeria using heuristic technique and automated tool. It was shown, among others, that a substantial number of the states have functional websites with various degrees of implementation level.

The paper by O. T. Oladele, R. A. Oyekunle and B. A. Adebisi investigated the perception of students in a Nigerian federal university on internet censorship via responses from a (structured) questionnaire. The report revealed that students do not generally favour the adoption and enforcement of internet censorship because it tends to limit the content they can access.

The significance of big data analytics with respect to poultry farming in a metropolis in Northern Nigeria is the theme of the paper written by Abraham E. Ewiekpaefe, Maryam B. Yusuf, Adeola O. Kolawole and Fiyinfoluwa Ajakaiye. In the paper, the authors used a questionnaire to establish the perception of respondents that the application of big data analytics can bring about tremendous improvement in poultry farming.

In their paper, Daniel Ojonugwa Abutu, Fatimah Jibril Abduldayan, Maryam Lami Abdullahi and Aishat Haruna Abduldayan evaluated the ratings of users of three universities in North central Nigeria with respect to their respective MIS units. Using a questionnaire, it was shown that two of the three MIS units perform better vis-a-vis meeting the expectations of their users.

The paper by Adedayo Solomon Williams, Folakemi Akinbohun, Olusegun Mathew Awotunde and Olojido Joseph Bamikole examined the relationship between motivational factors and information security threats consciousness. Using a questionnaire distributed among some Malaysian postgraduate students, the authors showed that awareness, perceived threats severity and compliance with information security policies are motivational factors which have positive correlation with information security threats.

The sixth paper in this edition used support vector machine model to develop an intrusion detection system (IDS) for network security. By carrying out a simulation using MATLAB, the performance of the IDS was measured using detection rate and false alarm rate, and thereby shown to be an enhanced system. The authors of the paper are B. C. Asiegbu, C. O. Ikerionwu and N. C. Ajanwachuku.

And last, but in no means the least, is the seventh paper whose authors are I. T. Ayorinde, C. A. Fehintola and O. D. Adeniji. In the paper, the authors carried out an experiment on a popular class of mobile wireless network called mobile ad-hoc network (MANET). A secured watchdog mechanism under blackhole attacks was developed and simulated using the Network Simulator (NS) 2.35. It was shown that the mechanism enhances the performance of routing protocols in MANET in terms of average throughput, end-to-end delay and packet delivery ratio.

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