

From the Editor-in-Chief

It is a great pleasure to welcome readers of this journal to Volume 13, Number 1, March 2020 edition. Six papers appear in the edition.

The paper by Francisca Ogwueleka and Gwazah Bonett is a report on preliminary investigation and design of a prototype for smart agriculture using sensor networks. The focus is on agricultural practice by farmers in North-western Nigeria. The enabling technology is Internet of Things (IoT).

The paper by Nancy Chinyere Woods and Halimah Shadiat Oladosu focuses on the recognition and fitness classification of Nigerian currencies with respect to input into automated teller machines (ATMs). The contribution is significant because in the economy of nations, paper currency is a major means of buying and selling of goods and services. Classification metrics used by the authors include mean-square-error (MSR0, peak signal-to-noise ratio (PSNR) and structural similarity index (SSIM).

The contribution by Bolanle Ghaniyyat Balogun relates to comparison of the efficiencies of binary and linear search algorithms. The author shows that binary search may be considered better than linear search when a search is conducted a multiple number of times on the same data set.

In their paper, Morufu Amusa and Bamidele Oluwade presented a historical review of the basic ICT tools useful in counterfeit drug control, with focus on mobile telephony. The importance of Global System of Mobile Communication (GSM) is particularly emphasized.

The last but by no means the least paper in this edition is a review of some important features of IoT is the subject matter of the contribution by Uwazie Emmanuel Chinanu, Abah Joel Benign and Temitope Olufunmi Atoyebi. In the paper, the authors examined such features of IoT as the architecture, user interface, applications, data processing technologies, connectivity, security and future prospects.

Finally, this is to express deep appreciation to all persons and organizations who contributed in one way or the other towards the successful production of this edition. These include authors, editorial board members, reviewers and others. As is our practice, comments, questions and suggestions are always welcome towards improving the quality of the journal.

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