

EDITORIAL

On behalf of the scientific editorial board, I wish to extend my deepest gratitude to the great contribution made by lecturers and researchers that has made the compilation of this publication a success. The completion of this volume was a result of their will, initiative and performance as lecturers and researchers. KIGALI INDEPENDENT UNIVERSITY ULK has always paid regards to promoting education and impacting the complete development of Rwanda through coupling teaching and research. In this spirit, the 45th Volume of the ULK Scientific Journal is now out with four papers which tackle issues of national and regional concern. The authors of articles in this issue suggest scores of recommendations worthy of consideration to both policy makers and practitioners.

The first article by **Dr. HABIMANA Olivier, Dr. KABANDANA Innocent** and **Dr. UWITONZE Alfred** is entitled “**Convolutional with Attention Gated Recurrent Network for Sentiment Analysis.**” In this publication, the authors put it that the multiple convolutional applied helps the model extract possible local features by retaining the order of words in the input sentence; and that the Bi-GRU learns global features.

The article by **Dr. KABANDANA Innocent** and **Dr. UWITONZE Alfred** is dubbed “**Electronic voting system via GSM**”. The authors recommended that the Electoral Commission

of Voting System should train the key persons who will be monitoring electoral activities from the beginning to the end.

The paper by **Mr. AMANI MANZI Alain** reads “**An Evaluation of Financial Literacy among Business Owners of Micro, Small and Medium Enterprises in Rwanda**”, focused on evaluating financial literacy among micro, small and medium business owners in Rwanda. Besides, the measurement of financial literacy levels relied on the use of financial knowledge, financial skill, attitude towards financial matters and financial behavior.

The article that tops the list of publications in this Volume is authored by **MFITIRYAYO Jean de Dieu** and it is entitled, “**Replication of success for sustainable rural livelihood development with inclusive innovation in Rwanda: A case of neighboring communities in Ngeruka Sector**” The author argues that the study has shown the worth of replication of outcomes among communities. This approach has helped the communities to help themselves and reduce reliance on external funding or to remain a burden on the government.

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