

# **Kabarak University International Conference on Computing and Information Systems - 2022**



**Wednesday 26 October 2022 - Friday 28 October 2022**

## **Scientific Programme**

## **Data Science**

Novel Algorithms, Models and Applications in the following areas; Data Mining, Statistical Analysis, Business Intelligence, Strategy-Making, Data Engineering, Data Warehousing, Data visualization, Database Management, Data Architecture, Operations-Related Data Analytics, Market Data Analytics and Cybersecurity Data Analysis.

## **Artificial Intelligence**

Novel Algorithms, Models and Applications in the following areas; Machine Learning, Deep Learning, Natural Language processing, Expert System, Robotics, Computer Vision, Speech Recognition, and Ethical issues.

## **ICT for Sustainable Development**

Empirical works, evaluations and case studies covering the development, deployment, impact, sustainability and challenges in the following areas; Education, Administration, Governance, Healthcare, Business and Commerce, Hospitality, Transport, Telecommunications, Agriculture, and Finance among others.

## **Information Security**

Novel algorithms and applications in the following areas; Application Security, Network Security, Cloud Security, Infrastructure Security, Intrusion Penetration Testing, Digital Forensics, Incident Response, Endpoint Protection, Mobile Security, Data Governance, Risk and Compliance.

## **Digital Transformation**

Empirical Works and Case Studies on the following; Strategy, Leadership, Customer Focus, Customer Understanding, Customer Touch Points, Top Line Growth, Process Digitization, Employee Empowerment, Performance Management, Digitally Modified Businesses, New Digital Businesses, Digital Globalization,

## **Smart Technologies**

Developments and Case Studies on the application of a combination of the Internet of Things (IoT), artificial intelligence and big data analysis in diverse areas such as healthcare, transport, education, agriculture, entertainment, security and homes among others.

## **Emerging and Crosscutting Issues in Information Systems**

