

## KASU IN PICTURES TODAY: CAPTURING THE PEOPLE, PLACES, AND PULSE OF THE UNIVERSITY

By: Hamza Musa Makarfi

Inauguration of Sumayya Muhammad as President and Executives of the KASU Students' Representative Council. Dignitaries at the event included the Dean of Student Affairs, Professor Tukur Abdulkadir; the Kaduna State Commissioner for Environment and Natural Resources, Abubakar Buba; and the Honorary Adviser to Governor Uba Sani on Domestic Affairs, Baba Isa Ismail.



SRC President Sumayya Muhammed (Center) flanked by Kaduna State Commissioner for Environment and Natural Resources, Abubakar Buba; and the Honorary Adviser to Governor Uba Sani on Domestic Affairs, Baba Isa Ismail



Professor Tukur Abdulkadir  
Dean of Student Affairs

# DEPARTMENT OF PHYSICS PROMOTES RESEARCH EXCELLENCE

The Department of Physics, Kaduna State University, held a postgraduate seminar featuring PhD internal defence, progress report presentation, and MSc proposal defences covering diverse areas of physics research and scientific innovation.

The scholarly session, chaired by Professor Bashir Kayode Sodipo, brought together academics, researchers, and postgraduate students in an atmosphere of rigorous intellectual engagement and academic excellence.

Research presentations focused on contemporary scientific issues including seismic investigations, geophysical studies, soil compaction analysis, photovoltaic applications, density functional theory, and advanced materials research aimed at addressing real-world challenges through science and technology.



Study / Topic	Key Findings / Results	Identified Gaps	How This Research Bridges the Gap
Amadi et al. (2025) – SCAPS-1D optimization of CsPbBr <sub>3</sub> PSCs	Optimized device parameters yield PCE >26%; thickness and defect density critical.	Study on lead-based CsPbBr <sub>3</sub> , not CsSnI <sub>3</sub> .	We will apply similar SCAPS-1D methodology to CsSnI <sub>3</sub> , using DFT-derived input parameters.
Man et al. (2026) – ML + SCAPS for doped NiO	Combined machine learning and SCAPS predicts optimal HTL properties.	Not applied to absorber doping or tin perovskites.	Our work will demonstrate a DFT-to-SCAPS pipeline for counter-doped CsSnI <sub>3</sub> .
Ng et al. (2024) – Bivalent cation counter-doping in Sn perovskites	Sb <sup>3+</sup> and In <sup>3+</sup> reduce hole concentration by an order of magnitude; PCE increases by 31.4%.	no DFT correlation and Bi <sup>3+</sup> was not considered.	This work will extend to true charge-compensated (e.g., Sb <sup>3+</sup> ) and provide DFT-based explanation.



# DEPARTMENT OF BIOCHEMISTRY ORGANISES TRAINING ON ACTIVE LEARNING TECHNIQUES

As part of efforts to advance teaching and learning practices in Kaduna State University, the Department of Biochemistry, Faculty of Life Science, College of Computing, Engineering and Sciences, organised a training session on Active Learning Techniques for academic staff.

The training, held at the PG Class, focused on enhancing classroom engagement and improving instructional delivery through innovative teaching strategies. Areas covered included Problem-Based Learning (PBL), Think-Pair-Share Technique, and the development of critical thinking skills among students.



*Prof. Cyril Afuwai  
Provost College of Computing, Engineering  
and Sciences*



*Prof. Timothy Bulus  
Member KASU committee on  
Research commercialization*



# FACULTY OF MANAGEMENT SCIENCES ORGANIZES AFFILIATE MARKETING WORKSHOP FOR STUDENTS



By: *Queen Ezeike & Mujahid Umar Balarabe*

The Faculty of Management Sciences at KASU has conducted an in-house workshop on affiliate marketing to equip students with practical skills needed to thrive in the digital economy.

Declaring the workshop open, Dr. Hawua Tijjani Bayero the Head of Department, described the participants as privileged to benefit from the initiative and urged them to approach the training with seriousness. She noted that affiliate marketing has become a vital component of modern commerce and emphasized that the workshop was designed to complement classroom learning with hands-on, real-world experience.



Dr. Bayero encouraged the students to remain attentive throughout the sessions, describing the training as an opportunity to explore new income streams and career pathways beyond conventional

Guess Speaker Mr. Adam Maruf, from Resin Arts Academy, who introduced participants to the fundamentals of affiliate marketing. He explained that starting in the field does not require owning a product, but rather understanding how to attract attention, present valuable offers, and leverage digital platforms effectively.

According to him, success in affiliate marketing depends largely on identifying and engaging the right audience through creative and consistent content. “Attention brings people, people create opportunity, and opportunity creates income,” he said, while outlining the basic model of promoting products through unique links to earn commissions on sales.

Mr. Maruf highlighted three critical elements for success in the business—traffic, offer, and conversion. He explained that traffic drives visibility, a compelling offer influences purchasing decisions, and conversion ultimately determines earnings. He also cautioned students against promoting unreliable products, stressing that credibility and trust are essential in sustaining long-term success.



The workshop concluded with the presentation of certificates to participants by Dr. Bayero and Mr. Maruf, who commended the students for their active engagement. They urged them to apply the knowledge acquired and to approach affiliate marketing as a discipline that rewards consistency, strategy, and value creation rather than a shortcut to quick wealth.



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