

# Expert Highlights Requisites for Effective Engineering

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*A communications expert, Mr. Olutoyin Oloniteru, has posited that an engineer is not properly trained until he is aware and acquainted with not just the technological environment, but also the legal, policy and regulatory environment in order to be effective.*

He made the above assertion at a recent Town and Gown seminar of the Department of Electrical and Electronics Engineering (EIE), Covenant University, where he was the Guest Speaker on the topic, 'Cyberpreneurship and Innovations and Cyberlaw'.

Making his presentation, Mr. Oloniteru, a former Director-General, ICT, Government of Ekiti State, stressed that the future of African development lies with the entire fields of Engineering.

The Vice-Chairman, Knowledge Age Africa, Nigeria, explained that the fields of engineering, from mechanical to civil, environment, chemical, petroleum, marine, aeronautics, among others, will make use of Internet of Things (IoTs) with the existence of Internet Protocol (IP) version 6, which will power the IoTs.

"For engineering graduates, careers in cyberspace, for instance, will require them to be knowledgeable and exposed to skills and capabilities or competencies in Internet Technologies and Cyberspace, Internet Governance, Information/Cyber-Security and Cryptography, as well as Block Chain Technologies and Applications," said Mr. Oloniteru.

Other areas of competency, according to him, are Software Engineering and Coding, 3D Technologies, Legal Aspect of E-Commerce and Information Security, Surveillance and Security, Internet of Things, Cybercrime and Cyber-Security Laws, Robotics and Artificial Intelligences, Telecommunications Law and Regulations, Hacking and Penetration Testing, Ethical Hacking Issues and Space Affairs.

In his remarks, the Head of Department, EIE, Dr. Victor Mathews, enjoined the students to maximise the opportunity offered by the platform to enrich their knowledge of policy frameworks for effective career building and entrepreneurial practice on graduation.

He emphasised that there is a limit to how far they can go without understanding the integral mechanisms of the Engineering practice in the industry.

Dr. Matthews encouraged the students to start the process early as the University is ready to provide them with more platforms for information access, leading to self-development on industrial practices after graduation.



The Guest Speaker, Mr. Olutoyin Oloniteru, with members of the EIE Department after the event

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