



# The Nigerian Society of Engineers

## PORT HARCOURT BRANCH



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AUGUST 6, 2016

### Interview with Ernest Isaiah

**Ernest Isaiah** is the President of the Nigerian Universities Engineering Students Association (NUESA) University of Port Harcourt Chapter.

**E-Newsletter:** *Sir, what do you have to say about the training of future engineers?*

**Ernest:** Training future engineers embrace preparing prospective engineers for future task. This implies we must formulate/state categorically probable future problems that we intend to proffer solutions to through engineering. Then what is engineering? Engineering is a profession in which a knowledge of mathematics, informatics and natural, management and social sciences gained by formal study, experience and practice is judiciously applied to expeditiously and optimally plan, design, implement, maintain and control physical systems, processes and services that are beneficial to the society (the primary constituency of engineering profession) while exerting minimal or no adverse impact on the environment. If I must say training future engineers must be holistic and should encompass the relevant fields of study. MATHEMATICS provides the basic tool for optimal modeling, design and control of engineering systems, processes and services. INFORMATICS (data-collection, collation manipulation and communication) provides the basic tool for real-life and for effective design, drafting documentation and communication of engineering decisions. NATURAL SCIENCE provides test-tube technology with which individual micro-models of physical components are conceived, nourished and born into harsh real world "THE ENGINEER'S WORLD". MANAGEMENT SCIENCE provides the nucleate tool for the optimal allocation and use of human, material and



Ernest Isaiah

financial resources in engineering projects. SOCIAL SCIENCES provides the basis for human-factor (ergonomic) design of engineering systems, industrial relations, techniques, productivity-improvement strategies and the social characterization of engineering design. Experience and practice in laboratories workshops, field and industrial training and engineering pupillage is complementary to that gained by formal study and both unite to make the engineer.

**E-Newsletter:** *What do you have to say about industrial training for students?*

**Ernest:** Industrial Training is associated with the word "industry" and it refers to program which aims to provide supervised practical training with specified time frame (usually six months for Nigerian universities). This is a chance for students to put what they have learned at university. It is a first-hand experience working as an engineering professional and to apply your technical knowledge and engineering methods to a real-life situations; experience what it's like to work in a professional organization, increase your technical, interpersonal and communication skills both oral and written; observe interactions of engineers with other professional groups and also witness the functioning and organization of business and companies. It will be interesting to note that many employers use industrial work experience (IT) as prerequisite for employing new graduates. Employers also use this period to access new employees for future employment.


**E-Newsletter:** *Thank you sir.*



Executive Committee meeting of the Nigerian Society of Engineers Port Harcourt Branch held on Thursday 4th August 2016 at Engr. Ishmael A. Banigo secretariat. The meeting was chaired by the Branch Chairman Engr. Emmanuel Idoniboye.



Members of the Nigerian Society of Engineers Port Harcourt Branch at the wedding of the daughter of Engr. Edward Onyegbadue, MNSE (3rd from right, Chairman Property Development & Maintenance Committee of the Nigerian Society of Engineers Port Harcourt Branch) on Saturday 6th August 2016 at Aba, Abia State.



**The Nigerian Society of Engineers**


**in collaboration with the**

**FEDERATION OF AFRICAN ENGINEERING ORGANISATIONS (FAEO)**  
**& UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANISATION (UNESCO)**

**Announces their**





*African Engineering Conference On Energy, NSE Annual General Meeting And UNESCO African Engineering Week*

**LAND of PROMISE 2016**



The Nigerian Society of Engineers (NSE) in collaboration with the Federation of African Engineering Organisations (FAEO) & United Nations Educational, Science and Cultural Organisation (UNESCO) announces their African Engineering Conference on Energy, NSE Annual General Meeting and UNESCO African Engineering Week with the theme: **“Adequate, Reliable and Sustainable Energy in Africa”**. The event will hold at the Tropicana Conference Centre, Uyo, Akwa Ibom State from 21st – 25th November, 2016.

To Register for the conference visit [www.nse.org.ng](http://www.nse.org.ng)







**THEME: “ADEQUATE, RELIABLE AND SUSTAINABLE ENERGY IN AFRICA”**

Venue: Tropicana Conference Centre, Uyo, Akwa Ibom State

Date: 21st – 25th November , 2016

<p>a. <b>Early Bird Registration</b> (Not later than October 16, 2016)</p> <p>b. <b>Late Registration</b> (From October 17, 2016)</p> <p>c. <b>Spouses</b></p> <p>d. <b>Graduates</b></p> <p>e. <b>Students</b></p> <p>f. <b>International Participants</b></p>	<p>- N30,000</p> <p>- N40,000</p> <p>- N10,000</p> <p>- N10,000</p> <p>- N5,000</p> <p>- \$300.00 USD</p>
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**NOTICE! NOTICE!! NOTICE!!!**

All members of NSE Port Harcourt Branch should pay their Annual Branch Dues of N5000 for Corporate Members and N7,500 for Fellows to UBA Account No. 1000183629 (Port Harcourt Main Branch). Also pay National Annual Subscription of N9,000.00 for Corporate Members & N11,500 for Fellows directly to First Bank Account No. 2020502052 & forward all tellers to the secretariat for reconciliation. All payments should be made into the bank accounts.