



# The Nigerian Society of Engineers

## PORT HARCOURT BRANCH



e-newsletter

2016 / VOLUME 328

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AUGUST 20, 2016

### Interview with Dr. Justin B. Nickaf

**Dr. Justin B. Nickaf** is the Director of Planning, Research & Statistics of Standards Organisation of Nigeria.

**E-Newsletter:** *What is a Quality Management System?*

**Nickaf:** A Quality Management System (QMS) is a set of policies, processes and procedures required for planning and execution (production/development/service) in the core business area of an organization (i.e. areas that can impact the organization's ability to meet customer requirements.) ISO 9001:2015 is an example of a Quality Management System. A QMS integrates the various internal processes within the organization and intends to provide a process approach for project execution. A Process Based QMS enables the organizations to identify, measure, control and improve the various core business processes that will ultimately lead to improved business performance. In an ISO 9001 (or other ISO standards) quality system, this structured way of delivering a better service or product is supported by detailed procedures such as work instructions, quality manuals, written quality policies and more. The key



Dr. Justin Nickaf

is to provide all those who must execute the quality system with detailed, understandable and workable instructions which define both expectations and actions to achieve the stated quality goals. Most of the systems include some type of internal and external oversight (auditing) process which ensures that the system is being executed properly.


**E-Newsletter:** *Why are there changes in new the ISO 9001:2015?*

**Nickaf:** The new version of the standard confers a number of benefits. : greater emphasis on leadership engagement, Helps address organizational risks and opportunities in a structured manner, Uses simplified language and a common structure and terms, which are particularly helpful to organizations using multiple management systems, such as those for the environment, health & safety or business continuity, addresses supply chain management more effectively is more user-friendly for service and knowledge-based organizations.


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



Members of the Nigerian Society of Engineers Port Harcourt Branch paid a birthday visit to Engr. Denis A. A. Dania, FNSE, (4th from left) on Friday 12th August 2016.



**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**



**THEME: "ADEQUATE, RELIABLE AND SUSTAINABLE ENERGY IN AFRICA"**  
Venue: Tropicana Conference Centre, Uyo, Akwa Ibom State  
Date: 21st – 25th November , 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)

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



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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.

**The Nigerian Society of Engineers**  
**Port Harcourt Branch**  
**General Meeting / Technical Evening**  
**Date:**  
Thursday 25th August 2016  
**Time:**  
5:00pm  
**Venue:**  
Engr. Ishmael A. Banigo secretariat,  
Water Works Yard, #3 Bernard Carr Street,  
Port Harcourt.  
**Eminent Lecturer:**  
Engr. Basoene J. Benibo, FNSE  
**Lecture Topic:**  
Graphene Discovery: Capable of Revolutionising  
The Technological World




**The Nigerian Institution of Mechanical Engineers**  
(A Division of The Nigerian Society of Engineers)  
**PORT HARCOURT CHAPTER**

**MAIDEN ENGINEERING WEEK OF THE NIGERIAN INSTITUTION OF MECHANICAL ENGINEERS**

**THEME:**  
**“SURVIVING IN A DISTRESSED ECONOMY: STRATEGIES FOR MECHANICAL ENGINEERS”.**

**DATE:** AUGUST 22-28, 2016 **TIME:** 2.00PM  
**VENUE:** ENGR. ISHMAEL BANIGO'S SECRETARIAT  
Nigerian Society of Engineers, PH Branch,  
3, Bernard Carr Street,  
Water Works Yard, Port Harcourt.



**The Nigerian Institution of Mechanical Engineers**  
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**PORT HARCOURT CHAPTER**

**PROGRAMME FOR THE WEEK**

**THEME FOR THE ENGINEERING WEEK:**  
**“SURVIVING IN A DISTRESSED ECONOMY: STRATEGIES FOR MECHANICAL ENGINEERS”.**

- DAY 1: AUG. 22, 2016**  
OPENING CEREMONY AND KEY NOTE ADDRESS AND LECTURES ON MECHANICAL SYSTEMS IN BUILDINGS AND SAFETY ENGINEERING
- DAY 2: AUG. 23, 2016**  
CAREER TALKS WITH STUDENTS IN TERTIARY INSTITUTIONS
- DAY 3: AUG. 24, 2016**  
PUBLIC LECTURE BY ENGR PROF. O. M. O. ETEBU, DEAN, FACULTY OF ENGINEERING, UNIVERSITY OF PORT HARCOURT.
- DAY 4: AUG. 25, 2016**  
VISIT TO DISTINGUISHED COLLEAGUES
- DAY 5: AUG. 26, 2016**  
TECHNICAL VISIT; **TIME:** 10.00AM
- DAY 6: AUG. 27, 2016**  
DINNER LECTURE/TALK/BANQUETTE
- DAY 7: AUG. 28, 2016**  
THANKSGIVING SERVICE; **TIME:** 9.00AM

**VENUE FOR DAYS 1-3 & 6:**  
Engr. Ishmael Banigo Hall NSE Secretariat  
No. 3 Bernard Carr Street, Port Harcourt.