



The Nigerian Society of Engineers

PORT HARCOURT BRANCH



e-newsletter

2016 / VOLUME 329

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AUGUST 27, 2016

Interview with Otokwala John John

Otokwala John John is a student of the University of Nigeria Nsukka and an awardee of the 1st National Engineering Students' competition organized by the Committee of Deans and Technology of Nigerian University (CODET).



Otokwala John

E-Newsletter: *What award did you win?*

Otokwala: I won the 2nd prize Regional for South East in the individual category and 2nd prize National Finals in the individual category.

E-Newsletter: *What was your project topic and what motivated you to chose the topic?*

Otokwala: I worked on a microcontroller based contactless fever detection system. It is a system that gets the body temperature of a person and is it different from the conventional thermometers.

The basic project drive was Ebola. After the incidence of Ebola and because of my interest in Biomedical Engineer-

ing, I saw how engineering and technology can be applied to the health care industry. I came up with the idea and thank goodness my project supervisor approved the topic.

E-Newsletter: *What is the mounting distance of the device to humans to take temperature readings?*

Otokwala: The range is 10 to 30 meters. The device takes body temperature and records it. The data generated by the device can be transferred to an android device through Bluetooth.

E-Newsletter: *What is the unique thing about this device?*

Otokwala: I actually got interested in infrared because it is actually low cost. The next thing is that I added the feature of an SD card to the device so any data taken will be stored in the device and this can be retrieved.

E-Newsletter: *Thank you sir.*



General Meeting / Technical Evening of the Nigerian Society of Engineers Port Harcourt Branch held on Thursday 25th August 2016. A presentation titled "Graphene Discovery: Capable of Revolutionising the Technological World" was made by Engr. Basoene J. Benibo, FNSE (left). The meeting was chaired by the Vice Chairman of the Branch Engr. Precious Bob-Manuel, MNSE (middle).



Cross section of members of the Nigerian Society of Engineers Port Harcourt Branch during the General Meeting / Technical Evening held on Thursday 25th August 2016 with a presentation titled “Graphene Discovery: Capable of Revolutionising the Technological World” made by Engr. Basoene J. Benibo, FNSE.

SciDataCon 2016

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Maiden Engineering Week of the Nigerian Institution of Mechanical Engineers Port Harcourt Chapter.
L-R: Engr. Prof. Mrs. Etebu, FNSE (Dean, Faculty of Engineering University of Port Harcourt), Engr. Chief Aloysius Uchime, MNSE (Chairman, Nigerian Institution of Mechanical Engineers Port Harcourt Chapter), Engr. Ugochukwu Umezuruike, FNSE (National Chairman, Nigerian Institution of Mechanical Engineers), Engr. Prof. H. I. Hart, FNSE (Past Chairman, NSE Port Harcourt Branch)

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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.