



# THE ABUJA ENGINEER

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THE OFFICIAL E-NEWSLETTER OF THE NIGERIAN SOCIETY OF ENGINEERS, ABUJA BRANCH

Vol 11 Issue 1

JANUARY 2020

## JANUARY ORDINARY GENERAL MEETING

The Monthly Ordinary General Meeting of the Nigerian Society of Engineers, Abuja Branch was held on the 30th of January 2020.

The meeting was called to order by the Branch Chairman, Engr. C. I. Okolie FNSE at 5:00pm had members recite the second stanza of the national anthem as opening prayer. This was followed by a brief welcome address by the Branch Chairman, Engr. C. I. Okolie FNSE.

As a tradition of the Branch, senior colleagues present were recognized, after which the minutes of the previous meeting was read, corrected, and adopted.



Cross section of members at the OGM

The technical presentation, an important segment of the general meeting was titled 'Machine Learning and Artificial Intelligence' and presented by Mr. Ricky Macharm from Siseng Consulting.

The topic considered very relevant in today's engineering practice in this period of dispensation.

The Data Scientist made the introduction of the topic by defining Artificial Intelligence as engineering of making Intelligent Machines and Programs, Machine Learning as ability to learn without being explicitly programmed, and Deep Learning as learning based on Deep Neural Network. He listed what Data Science entails and the application of Data Science in Finance which includes the following;

- Risk Analytics
- Real-Time Analytics
- Customer Analytics
- Customer Data Management
- Providing Personalized Services
- Fraud Detection
- Algorithmic Trading

The presenter further listed areas where one can apply Artificial Intelligence. These includes; Healthcare, Agriculture, Transportation and Infrastructure, Energy Consumption, National and Public safety, etc.

The topic attracted series of vital questions which were answered by the Presenter and contributions made by the Past President of NSE and COREN, Engr. K. A. Ali, FNSE, IT specialist, Engr. Nonso Ani, MNSE.

The Meeting was successful and recorded attendance of over 150 Engineers.



Engr. K. A. Ali, FNSE making his contribution after Technical Presentation

## ENGR. B. A. ABDULMALIK CONFERRED WITH THE PRESTIGIOUS FELLOWSHIP OF THE NIEEE

The Nigerian Institution of Electrical and Electronic Engineers on 25<sup>th</sup> January 2020 conferred the Prestigious Fellowship Award on the Vice Chairman of the Nigerian Society of Engineers Abuja Branch, Engr. B. A. Abdulmalik, FNSE, FNIEEE. The Fellowship was received in the presence of his amiable wife, friends, the Executive Members of the Nigerian Society of Engineers Abuja Branch and the engineering family at large. The event took place in Fraser Suites located at Plot 294, Leventis Close, Central Business District, Abuja.

**PHOTO SPEAK**



**Engr. A. B. Abdulmalik, FNSE, FNIEEE being conferred the Prestigious Followership.**



**Cross section of Members at the OGM**

**NSE ABUJA BRANCH HONOURS JSS AREA 11 INTERHOUSE SPORT INVITATION**

As part of the Mentorship Initiative, coaching and sensitization of the Students of Junior Secondary School, Garki Area 11 on Science, Technology, Engineering and Mathematics (STEM) undertaking by the Nigerian Society of Engineers Abuja Branch, the Branch participated on the School's 12<sup>th</sup> Annual Interhouse Sport which coincided with their 14<sup>th</sup> year Anniversary. The event which took place on 16<sup>th</sup> January 2020 was attended by friends, families and members of the Nigerian Society of Engineers Abuja Branch.

Among the dignitaries present at the Occasion includes; Engr. Chidi Izuwah, Director General Infrastructure Concession Regulatory Commission (ICRC), Engr. A. B. Abdulmalik FNSE, Vice Chairman Nigerian Society of Engineers Abuja Branch, and other members of the Branch.



**Engr. C. I. Okolie flanked by his Executive Members**



**Engr. A. B. Abdulmalik FNSE and other dignitaries at the Occasion**



**New members introducing themselves during the OGM**



Engr. Chidi Izuwah and other Dignitaries during the JSS Area 11 Interhouse Sport



Engr. A. B Abdulmalik presenting Award to special guest at the JSS Area 11 Interhouse Sport.



Deputy President of NSE, Engr. T. G. Wudil FNSE addressing Abuja Branch Members during the OGM.



The Presenter, Mr Ricky Macharm responding to questions during the OGM



Engr. and Engr. (Mrs) A. B. Abdulmalik during NIEEE Fellowship Conferment.



Cross section of Dignitaries at the JSS Area 11 Interhouse Sport