



# THE ABUJA ENGINEER

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## FEBRUARY ORDINARY GENERAL MEETING

The Monthly Ordinary General Meeting of the Nigerian Society of Engineers, Abuja Branch was held on the 27th of February 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 '**Renewable Energies in Nigeria with Solar in Focus**' and presented by Mr. Tunde Isiolaotan from GreCo Power Energy Limited.

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

The Presenter made the introduction of the topic by defining Photovoltaic module as a number of solar cells electrically connected to each other and mounted in a support or frame. He further compared PV cell technology (Monocrystalline, Polycrystalline and Thin-Film or Amorphous) in terms of various factors such as cells efficiency, cost, required area per 1KW, Longevity, and Temperature resistance. Other areas that were discussed by the Presenter includes the following;

- PV Array
- System components such as Battery, Charge Controller and Inverter

- System types and Applications such as Small home systems, Streetlights, Community lighting, Schools, Solar water pumping, Traffic light, ATM, Hospitals, Desert, and Code storage

The topic attracted series of vital questions which were answered by the Presenter and contributions made by members.



Practical session on Solar installation by Second Presenter

Other activities during the meeting includes; Solar Installation fundamentals (practical), practical session on sizing of batteries and inverters for home systems, and Interactive session with professionals in solar business.

## NSE ABUJA BRANCH ORGANISES WORKSHOP FOR PROSPECTIVE CORPORATE MEMBERS

The workshop for prospective corporate members of April diet was held on 8<sup>th</sup> February 2020 at the Abuja Branch Secretariat behind Dantata and Sawoe main yard, Garki 2 Abuja.



Cross section of members at the Training.

## NSE ABUJA BRANCH ORGANISES FREE TRAINING FOR MEMBERS

The Nigerian Society of Engineers Abuja Branch organized a free professional developmental training on the use of Microsoft Excel, Essay writing and AutoCAD for Members and prospective NSE Corporate Members. The training was held on 15<sup>th</sup> February 2020 at the Branch Secretariat behind Dantata & Sawoe main yard Garki 2 Abuja.



Cross section of Members during Training

## COURTESY VISIT

The Executive Members of the Nigerian Society of Engineers Abuja Branch led by the Chairman, Engr. C. I. Okolie FNSE paid a courtesy call to the President of the Nigerian Society of Engineers, Engr. Babagana Mohammed, FNSE on 4<sup>th</sup> February 2020 at the National Headquarters Central Business District Abuja. The Executive Secretary of NSE, Engr. Dr. Okopi A. Momoh, FNSE during the visit introduced and described the Abuja Branch as the "landlord" of NSE Secretariat, who coincidentally is the first Branch of the Society in the FCT. He informed

the President that the Branch Executive came to felicitate with him and offer their supports for his administration.



NSE Abuja Branch Chairman, Engr. C. I. Okolie, FNSE, NSE President, Engr. Babagana Mohammed, FNSE & NSE Executive Secretary, Engr. Dr. O. A Momoh, FNSE

The Chairman, Engr. C. I. Okolie thanked the President for the opportunity of the visit. He informed the President about the mentorship initiative the Branch is currently undertaking with the students at Junior Secondary School Garki Area 11 on Science, Technology, Engineering and Mathematics (STEM). The Branch promised to invite the President to participate in one of the mentoring sessions. In his response, the President gave his commendation to the Abuja Branch for the initiative and promised to support the programme financially. The President further encouraged the Branch to extend her hand of support to other areas such as provision of books, and facilities such as toilets. The Chairman thereafter presented a Souvenir and 2020 Branch Calendar to the President.



NSE Abuja Branch Chairman presenting a souvenir to the President

In a related development, the NSE President, Engr. Babagana Mohammed FNSE held a brief meeting with Dr Sunday Popo-Ola, Chairman NSE London Branch, Engr. C. I Okolie FNSE, Chairman Abuja Branch and Engr B. A. Abdulmalik FNSE, Vice Chairman Abuja Branch.



**Vice Chairman NSE Abuja Branch, London Branch Chairman, NSE President and Abuja Branch Chairman**

The second courtesy visit was held on Wednesday 26<sup>th</sup> February 2020. The Executive Members of the Nigerian Society of Engineers led by the Chairman, Engr. C. I. Okolie FNSE paid a courtesy call to the Permanent Secretary, Police Service Commission, Engr. Nebeolisa Anako. The Chairman of NSE Abuja Branch said the Executive were at the Police Service Commission to express their solidarity with one of their own who has climbed to the apex in the public service, and prayed that God to give him grace to succeed in his new assignment. The Permanent Secretary while receiving the Delegates from Abuja Branch of the Nigerian Society of Engineers stated that Engineers should continuously improve themselves and be ready to assist the administration in technical and administrative situations. He thanked the delegates for the visit and said his doors will be open at all times as the Commission will be ready to tap into their wealth of professional experience.



**Permanent Secretary with NSE Abuja Branch Delegates**

**NSE ABUJA BRANCH PROPOSES COMMUNITY DEVELOPMENT SERVICES IN SCHOOLS**

The Nigerian Society of Engineers Abuja Branch as part of its proposed Community Development Services visited two Schools for assessment. The visits which took place on 20<sup>th</sup> February 2020 was led by the Branch Chairman, Engr. C. I. Okolie, FNSE. The Schools visited include Junior Secondary School Garki Area 11 and LEA Primary School Sabon Lugbe. The School Principal/Headmistress in each of the schools took the Chairman and his Executive Members round the school premises to visually assess the school facilities. The Branch is currently undertaking the Students of Junior Secondary School Garki Area 11 on Science, Technology, Engineering and Mathematics (STEM).



**NSE Abuja Branch Chairman, Executive Members and Staff of JSS Area 11 during visit.**



**NSE Abuja Branch Chairman, Vice Chairman and Headmistress of LEA Primary School, Sabon Lugbe during Visit.**

**PHOTO SPEAK**



**Group Photo of the NSE Prospective Corporate Membership Workshop**



**Chairman with his Executive Members during the assessment at LEA Primary School, Sabon Lugbe.**



**NSE Chairman with his Executive Members during the assessment at JSS Area 11**



**UNIABUJA Faculty of Engineering Public Lecture**



**Engr. C. I. Okolie presenting Souvenir to the Permanent Secretary, Police Service Commission.**



**Group photo of NSE President, the Executive Secretary and NSE Abuja Branch Executive Members**



Welcoming of New Members at the February OGM



Cross section of NSE Abuja Branch Executive Members during the courtesy visit to NSE President.



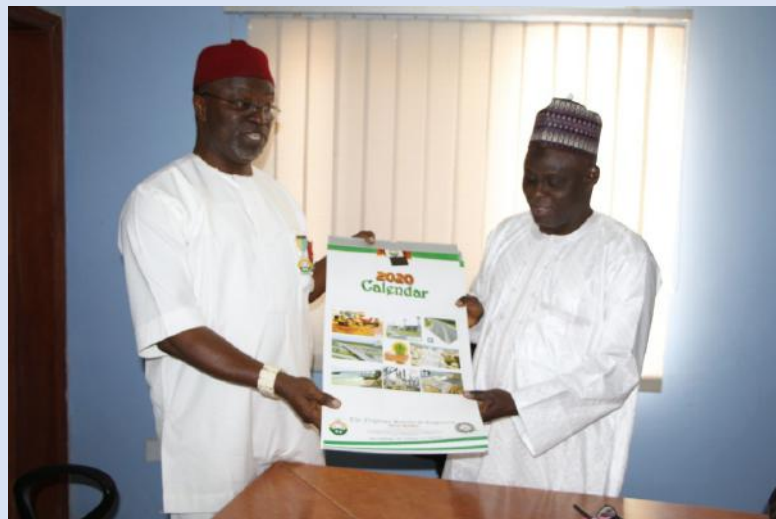
NSE Abuja Branch Chairman, Friends and well-wishers at Engr. Uche Ihunweze's Child Dedication.



Cross section of members during the free training



Engr. C. I. Okolie giving his goodwill message at the UNIABUJA Faculty of Engineering 2<sup>nd</sup> Public Lecture.



NSE Abuja Chairman presenting 2020 Branch Calendar to NSE President.