The Nigerian Society of Engineers
OLUYOLE BRANCH
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NEWSLETTER
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Oluyole Branch Engineers, Oyo State

# Celebrate the 1st World Engineering Day in Styles

on the 4th of March, 2020.

WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT

March 2020 Edition

The World Engineering Day is a UNESCO International Day, to be celebrated annually every 4th of March to raise awareness of the role of engineering in modern life, which is essential to mitigate the impact of climate change and advance sustainable development, especially in Africa and the Small Island Developing States (SIDS). The event also highlighted the achievements of engineers and engineering and improve public understanding of how engineering and technology is central to modern life and sustainable development. This year's is the first to be celebrated on the 4th of March, 2020.

The Nigerian Society of Engineers, Oluyole Branch, tagged this year celebration as "***Engineering is for Creative Minds and Sustainable Development***". Oluyole Branch celebrated this event in styles and in partnership with HIS Towers, Protogy Global Services Ltd and Ibadan Electricity Distribution Company (IBEDC). The celebrations were observed at Secondary Schools, Oyo State College of Agriculture and Technology (OYSCATECH), Igboora, The Polytechnic, Ibadan, First Technical University, Ibadan, and IBEDC.

## *Celebration of World Engineering Day at the First Technical University, Ibadan*

The Nigerian Society of Engineers, Oluyole Branch, debuted one of the World Engineering Day activities at the First Technical University, Ibadan, on the 3rd of March, 2020. Various lectures were delivered on Sustainable Development by Engr. Mrs. Bimbola Dada - Head Supply Chains & Administration, Ibadan Electricity Distribution Company, a woman with outstanding of decades career in power industry; Miss Fawziyah Oluwakiite Koiki - a young Distinction MSc graduate of Renewable & Clean Technology from the University of Manchester and Mr. Olumide Omotoso - a young male Co-Founder of Byetabs Technology Limited, Ibadan.

**Engr. (Mrs) Bimbola Dada** gave a lecture on "*Driving Socio-Economic Development Through Power Engineering*"

**Miss Fawziyah Koiki** gave a lecture on "*Renewable Energy Opportunities: Beyond the Norm*"

**Mr. Olumide Omotosho** gave a lecture on "*Entrepreneurship by Doing and the Sustainable Development Goals*"




***Engr. Chief Olalere Adigun, MD/CEO of Sahara Engineering, addressing the audience at First Technical University, Ibadan***




***Engr. (Mrs) Bimbola Dada delivering a Lecture at First Technical University, Ibadan***




***Oluyole Branch Chairman, Engr. Abdulrasaq Jimoh, FNSE, addressing the Audience at Technical University, Ibadan***




***Miss Fawziyah Koiki delivering a Lecture at First Technical University, Ibadan***



***Mr Olumide Omotosho delivering a Lecture at First Technical University, Ibadan***

The lectures delivered were inspiring to the students of the First Technical University and the dignitaries.

The Executive Governor of Oyo State was ably represented by the Deputy Chief Staff Hon. Abdul Majeed Gbonjubola.

Other dignitaries at the event is Engr. High Chief Olalere Adigun, MD/CEO Sahara Engineering, Prof. Adekunle Akinyemi, Engr. Oluyemi A. Morakinyo, FNSE, Engr. Olufemi Koya, the Dean Faculty of Engineering, the First Technical University, HODs of Electrical, Mechanical and Mechatronics Engineering . The Vice Chancellor was represented by the Deputy Vice Chancellor Prof. Sola Ajayi. The event was sponsored by IHS Towers and supported by the Management of the First Technical University , Ibadan.



***Cross Section of Audience at the Library Hall, First Technical University, Ibadan***



***Cross Section of Audience at the Library Hall, First Technical University, Ibadan***




***Dep. Chief of Staff and representative of Oyo State Governor, Hon. Abdul Majeed Gbonjubola addressing the Audience***




***Deputy V.C, First Technical University appreciating NSE Oluyole and dignitaries***




***Group Photograph of Dignitaries at the First Technical University in Celebration of World Engineering Day***

## *Career Talk and Cash Awards at Four (4) Secondary Schools in Ibadan in Commemoration of the World Engineering Day on 4th March, 2020*

In order to encourage students to take to engineering profession, open their minds, guide them towards future careers in Engineering and to commemorate the World Engineering day, the Nigerian Society of Engineers, Oluyole Branch held career talks in four (4) secondary schools in her area of coverage in Ibadan. The schools include Yejide Girls Grammar School, Molete, Community Grammar School, Kudeti, Methodist High School, Lagos-Ibadan Express Way and Government College, Apata, all in Ibadan.

Below is the brief speech presented in the schools:

*"Engineering is the creative application of science and mathematical methods to the innovation, design, construction and maintenance of structures, machines, materials and systems. The world on a daily basis undergo development most especially in innovation and technology. Virtually everything you can see, and touch was created by engineers. Take a look at your school buildings, Molete bridge, skyscrapers like Cocoa house, your school bags, etc. The machine used to create these things were innovated, designed and developed by engineers.*

*Engineering is about solving critical problems that affect a community or a society especially where you find yourself. Take for instance, in this hot weather, an engineer taught about innovating an electronic hand fan to replace plastic or paper hand fan which is faster and requires less effort to application.*

*Engineering is dominated with boys and men and you as a young girl may ask, how can I cope? Is engineering female friendly for a career? Will engineering courses not be too hard for me?*

*Look at the female engineers standing before you today. We were like you, we passed through this stage you are now, but we took courage, with extra hard work and mentorship from older male and female engineers, we are called engineers today.*

*If you go to any engineering firm today, you will see female engineers doing great and even at the top of their careers. Also, in higher institutions, there are powerful female engineers who have Bachelor's degree, Master's degree and Doctorate degree and are even professors in their chosen engineering career. There are many disciplines in engineering ranging from Chemical, Petroleum, Electrical, Electronics, Computer, Systems, Aeronautical, Mechanical, Biomedical and Metallurgical Engineering.*

*As a young boy or girl, you should consider any engineering discipline as your profession because you are very much needed in this profession. Your creativity and innovation are needed to replace the good old hands that have brought the world to this level of technology and build on it. Female engineers are more appreciated in the career because we are fewer. You will feel wonderful when you are contributing positively to the society. If you crave an exuberant lifestyle for yourself and future children,*

*engineering is for you. You will be readily skillful and confidence to deal with any kind of problems. In fact, you will be viewing every problem as a challenge and opportunity to grow. You acquire logical thinking and critical analyses skills. These skills are greatly needed in the professional world. Studying engineering also brings prestige because they know how much effort is required to qualify as an engineer.*

*To become a great engineer, it starts now. Shun all forms of distraction at home, school or wherever you find yourself. Focus on your studies. Are you poor in Mathematics, English Language, Further Mathematics, Physics, Chemistry and Biology? Now is the time to sit up and study hard. Read your books every day. With the help of God, you shall achieve your dreams."*

**YEJIDE GIRLS GRAMMAR SCHOOL, MOLETE**

A cash award of NGN 20,000 was given to the best science student, **Miss Sukurat Ishola**, an SS2 student with excellent academic results, to support her NECO exam registration and preparation.



***Engr. Faith Chukwuma, addressing the students of Yejide Girls Grammar School, Molete, Ibadan***



***Presentation of cash price (₦20,000) to Miss Sukurat Ishola at Yejide Girls Grammar School, Molete, Ibadan***

**COMMUNITY GRAMMAR SCHOOL, KUDETI, IBADAN**

A cash award of NGN20,000 was given to the best science student, **Miss Abdulrauf Rakibat**, an SS3 student with excellent academic results, to support her NECO exam registration and preparation.




***Group picture with the students of Community Secondary School, Molete, Ibadan***




***Presentation of cash price (₦20,000) to* Miss Abdulrauf Rakibat *at Community Secondary School, Molete, Ibadan***



***Engr. Saheed Busari with the students of Community Grammar School, Kudeti, Ibadan***

**METHODIST HIGH SCHOOL, IBADAN**

A cash award of NGN 20,000 was given to the best science student, **Mr. Gabriel Emmanuel**, an SS3 student with excellent academic results, to support his NECO exam registration and preparation.



***NSE Oluyole Branch members at Methodist High School, Lagos-Ibadan Express Way, Ibadan***




***Presentation of cash price (₦20,000) to Mr. Gabriel Emmanuel at Methodist High School, Ibadan***

**GOVERNMENT COLLEGE, APATA, IBADAN**

A cash award of NGN 20,000 was given to the best science student, **Mr. Ajijola Ebenezer**, an SS3 with excellent academic results, to support her NECO exam registration and preparation.



***Group picture of NSE Oluyole Branch members and students of Government College, Apata, Ibadan***




***Cross Section of Students on the Assembly Ground during the Career Talk at Government College, Apata, Ibadan***

## *Celebration of World Engineering Day at The Polytechnic, Ibadan – NSE Oluyole Branch Calls for Initial Training of Engineers at Polytechnic Level*

The Rector, The Polytechnic, Ibadan, Prof. Kazeem Adebiyi, has Canvassed for the initial training of Engineers at the Polytechnic level. Prof. Adebiyi made the call at the 1st World Engineering Day, celebrated by the Nigerian Society of Engineers, Oluyole Branch, Ibadan, which took place at The Polytechnic, Ibadan.



***NSE Oluyole Branch members, and past & present Deans of Engineering at The Polytechnic, Ibadan***

According to the Rector, if government wants the best in engineering education, an Initial training at The Polytechnic Is of essence. "The polytechnic has propelled me to become what I am today," he said.

The chairman of the branch, Engr. Abdulrasaq Jimoh, FNSE, said the day (every March 4) was declared by UNESCO to highlight the importance of engineers and engineering in national development.




***L-R: Engr. Oluyemi Morakinyo, FNSE, CEO of Green Pasture Farms, Mr. Oyeyinka Oyelakin, Engr. (Prof) O. A. Ajayi (addressing the audience), Engr. Abdulrasaq Jimoh, FNSE, Engr. (Mrs) Olutayo Alli, HoD of Mech. Engineering Dept.***



***Cross Section of Audience at TETFUND Building, South Campus, The Polytechnic, Ibadan***



***Cross Section of Audience at TETFUND Building, South Campus, The Polytechnic, Ibadan***

A speaker at the event, Engr. Oluyemi Morakinyo, FNSE, counselled engineering students to be focused, hardworking and also embrace entrepreneurship. Encouraging the students, Engr. (Prof) O. A. Ajayi, of the Obafemi Awolowo University (OAU), said their training in engineering would sustain them in life.

Highlights of the event include delivery of public lectures and presentation of awards to two senior female engineers, Engr. Omolabake Fadiran and Engr. Kafayat Ajibola, who were honored for their hard work.

Engr. (Mrs) Olutayo Alli gave a lecture on "*Engineers without Borders, Advancing Sustainable Development Goals*"

Mr Oyeyinka Oyelakin gave a lecture on "*How to be a Self-Sustained Entrepreneur*"

Engr. (Mrs) Alli, the Head of Department of Civil Engineering at The Polytechnic, Ibadan, said there was no boundary on what an engineer could do.

"Engineers can provide solutions to major problems of the country, whether social, economic or political. Engineers can end poverty by creating job opportunities; this is why youths have to practice the profession in order to be self-sustaining".

"Mechanical engineers can end hunger by producing tractors and machines to help farmers and civil engineers can build storing banks. Engineers can solve medical challenges by producing quality medical equipment," Engr. (Mrs) said.

She further urged students and professional engineers all over the world to play their roles in nation building by focusing on their real work and not mere professional accreditation. "Go for more researches and solve problems," she further said.

She further advised female engineering students to be challenged and not to limit themselves.



***Group picture with the students of The Polytechnic, Ibadan***

Also speaking, Engr. Oyelakin, the Chief Executive Officer of Green Pastures Nigeria Limited, advised youths to work hard in all that they do. "Success don't just drop on laps; it takes hard work and determination," he said.

Other engineers present are, Engr. Ademola Agoro, Engr. Ndubuisi Okorie, Engr. Wale Ojoawo and past and present deans of the faculty of engineering of the school.

## Public Lecture, Career Talk and Quiz Competition for Secondary Schools at OYSCATECH in Celebration of World Engineering Day

The event, which featured Public Lecture, Career Talk and Quiz Competition started around 11am at the 800-seater lecture hall of OYSCATEH with the arrival of the Royal fathers, HRM, Engr. Jimoh Titiloye, the Olu of Igboora in company of HRH, Olu Aso of Iberekodo, and the management team of OYSCATECH led by the Ag. Rector, Mr. I. O. Adekunle who doubled as the Special Guest of Honour of the day.




***HRM, Engr. Jimoh Titiloye, the Olu of Igboora, addressing the Audience at OYSCATECH, Igoora***



***Cross Section of Audience at the 800-Seater Lecture Hall of OYSCATECH, Igoora, during the Public Lecture***

The public lecture was delivered by Engr. Kabiru Adekunle Jimoh who represented Engr. Olatinwo Ismail, the HOD of Civil Engineering, Adeseun Ogundoyin Polytechnic, Eruwa on the theme "***Prospects in Engineering profession: key to National Sustainability***" and thereafter, Quiz competition among 6 selected secondary schools in Igboora was organized. The 6 selected schools are:

- ✓ Igboora High School, Igboora
- ✓ Oyo State School of Science, Idere
- ✓ Lajorun High School
- ✓ Lasogba Grammar School
- ✓ Ogboja High school
- ✓ Methodist Grammar School, Igboora

2 students from each school participated in the competition and they were tested in Mathematics, Physics and Chemistry, and at the end of it, the best 3 students were chosen:

| Position | Student | School |
|---|---|---|
| 1st | Josephine Aleji | Igboora High School, Igboora |
| 2nd | Mary A. Okeleye | Oyo State School of Science, Idere |
| 3rd | Shulamite Ajayi | Lajofun High School, Igboora |

The best 3 students above were presented with cash awards of ₦20,000 each for the procurement of JAMB forms as a token of our support to their academic pursuit.




***Cash awards of ₦20,000 each presented to the 3 winners of Quiz Competition at OYSCATECH, Igoora***



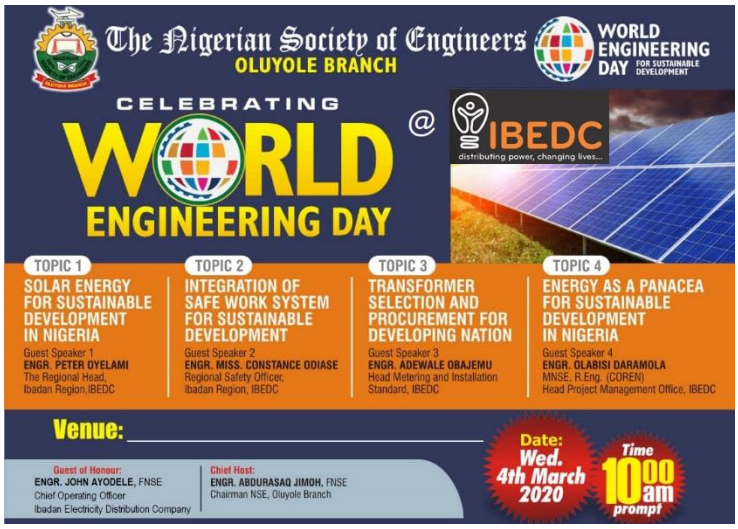
***Group picture of NSE Oluyole Branch members, invited Secondary School Students and their Teachers***



***Group Photograph of NSE Oluyole Members at OYSCATECH, Igoora in Celebration of World Engineering Day***

## Celebration of the World Engineering Day at Ibadan Electricity Distribution Company (IBEDC)

In line with the objectives set out by UNESCO for the World Engineering Day celebration, NSE Oluyole capped the celebrations by recognizing some of her professionals in the power sector for their immense contributions towards the growth of Engineering at large. The event was held at the Corporate Headquarters of the Ibadan Electricity Distribution Company (IBEDC) with the delivery of lectures by notable engineers as well as presentation of awards to veterans in the field of Power Systems Engineering.




**Engr. Adewale Obajemu** gave a lecture on "*Transformer Selection and Specification for Developing Nation*"

**Engr. Peter Oyelami** gave a lecture on "*Solar Energy for Sustainable Development in Nigeria*"

**Engr. Olabisi Daramola** gave a lecture on "*Energy as a Panacea for Sustainable Development in Nigeria*"

**Engr. (Ms) Constance Odiase** gave a lecture on "*Integration of Safe Work System for Sustainable Development in Nigeria*"



***NSE Oluyole Branch Chairman, Engr. Abdulrasaq Jimoh, FNSE, (3rd left) with some IBEDC Engineers.***

Below are the Awardees and corresponding Awards at the Ibadan Electricity Distribution Company (IBEDC):

1. **Mrs. Mariam Arowolo** - Merit Award in Recognition of Outstanding Integration of Safe Work Attitude at IBEDC.

2. **Ms. Ehi Obaseki** - Merit Award in Recognition of Outstanding Human Resource Management at IBEDC.

3. **Mrs. Ronke Owotomo** - Merit Award in Recognition of Outstanding Financial Control Management at IBEDC.

4. **Mrs. Angela Olanrewaju** - Award of Excellence for Quality Branding and Corporate Communication Practices IBEDC.

5. **Engr. (Mrs) Bimbola Dada** - Distinguished Award for Outstanding Decades of Service in the Field of Electrical Engineering.

6. Engr. Peter Oyelami - Distinguished Award for Excellent Management of Electrical Power Distribution Services.

7. **Engr. A. W. Salami** - Distinguished Award for Outstanding Decades of Service in the Field of Electrical Engineering.

8. **Engr. Sehinde Onaleye** - Special Recognition Award for the Substantive Participation in Creating Quality Leadership for Professional Engineers and Technologists for Sustainable Development.

9. **Engr. Akin Abiodun** - Distinguished Award for Outstanding Decades of Service in the Field of Electrical Engineering.

10. **Engr. Adewale Obajemu** - Special Recognition Award for the Substantive Participation in Creating Quality Leadership for Professional Engineers and Technologists for Sustainable Development.

Lastly, in appreciation of the contribution of our female colleagues in the field of Power Systems Engineering, certificates of Special Recognition were presented to all female engineers in the company.



***NSE Oluyole Branch Chairman, Engr. Abdulrasaq Jimoh, FNSE, (2rd left) with some IBEDC Female Engineers.***

## Update on Covid-19 and how it affects NSE Oluyole Branch Activities

As part of the preventive measures against the spread of the pandemic corona virus (COVID-19) as well as the recent confirmation of a suspected case of the pandemic in Ibadan, the Oyo State Government has part of its preventive mechanism to curtail the spread advised that gatherings of more than 30 people should be suspended.

***In view of this and as a law-abiding Society, the Executive Committee of NSE Oluyole Branch has resolved that all the branch activities and meetings be suspended with immediate effect and till further notice.***

I wish to advice all branch Engineers to remain calm and adhere strictly to the preventive measures highlighted by the World Health Organization (WHO) and established by the National Center for Disease Control (NCDC) to avoid and curb its spread knowing fully well that the best antidotes to the infection and disease is prevention.

The preventive measures include:

1) Social Distancing of 1-6 feet

2) Regular hand washing with soap and water after certain activities for a least 20seconds following the 5 effective steps (WET, LATHER,SCRUB,RINSE AND DRY) or use a hand sanitizer that contains at least 60percent alcohol.

3) Avoid touching your eyes, nose, and mouth with unwashed hands.

4) Avoid close contact with people who are sick

5) Avoid handshakes and other unnecessary physical contact

6) Practice the safe coughing and sneezing techniques.

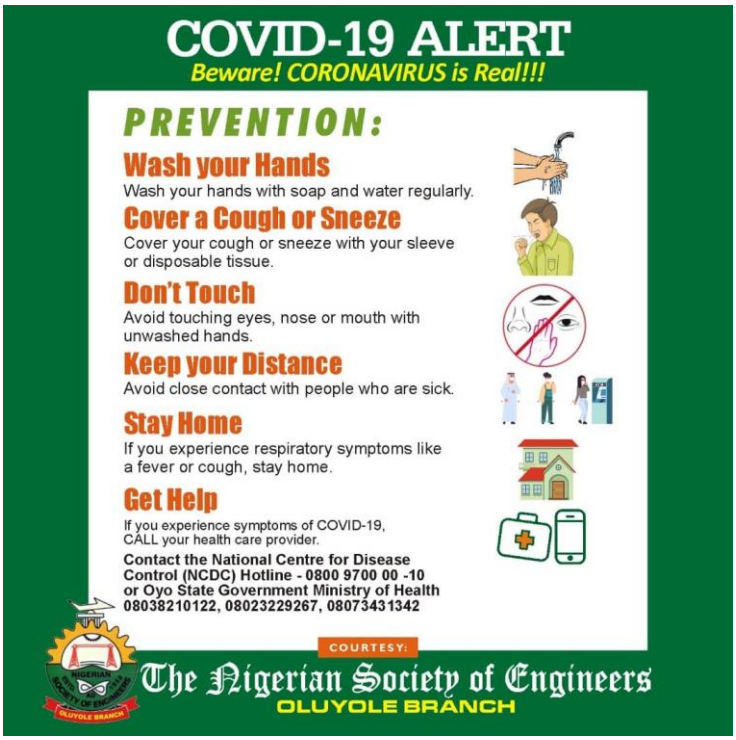
7) Clean and disinfect frequently touched surface daily I.e tables, door knobs, light, switches, counter tops, handles, desks, phones, keyboards, toilet faucets and sink

8) Avoid social gatherings and stay at home for now.

Please let us keep safe as much as we can during this period and let us report any suspected cases to any of the helplines of Oyo State Government Ministry of Health- 08038210122, 08023229267, 08073431342.

It is my earnest prayer that no evil will befall you, nor shall any plague come near your dwelling.

**Engr. Jimoh Abdulrasaq**
*The Chairman, NSE Oluyole Branch*
*Oyo State.*




## General Information

### NSE Oluyole Branch Annual Dues

| | |
|---|---|
| Fellows | ₦5,000 |
| Corporate Members | ₦4,000 |
| Graduate Members | ₦2,000 |
| Student Members | ₦1,000 |
| **Banker:** | Stanbic IBTC, Ring Road Branch |
| **Account Number:** | 0022440782 / Current |
| **Account Name:** | The Nigerian Society of Engineers, Oluyole Branch |

### NSE National Annual Dues

| | |
|---|---|
| Fellows | ₦11,500 |
| Corporate Members | ₦ 9,000 |
| **Banker:** | First Bank PLC |
| **Account Number:** | 2020502052 / Current |
| **Account Name:** | The Nigerian Society of Engineers |

### NSE Oluyole Branch General Meeting

**Date:** Every first Monday of the Month
**Time:** 5pm prompt.
**Venue:** Branch Secretariat, Opposite Capital Building, Off M.K.O Abiola Way, Ring Road, Ibadan

***Important:** To avoid the spread of Covid-19, all the branch activities and meetings are suspended till further notice.*

## Editorial Committee


| | |
|---|---|
| Engr. Abdulrasaq Jimoh, FNSE | *Editor-in-Chief* |
| Engr. Adedayo Sule, MNSE | *Editor and Publisher* |
| Engr. Saheed Busari, MNSE | *Committee Member* |
| Engr. Jude Ugwuoke, MNSE | *Committee Member* |