



**FAPSCON 2024
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ANAMBRA STATE, NIGERIA**



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- Energy and Materials Science

Professor K.K. Nwozor
PhD (Aberdeen, UK), PhD (NAU, Nig.),
FGS
Dean, Faculty of Physical Sciences



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INNOVATION
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25th Nov To 30th Nov | 5 Pm

For more enquiries:
www.innovationweek.anambrastate.gov.ng

Register Now
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Programme Of EVENTS


Day one

9:00	Arrival / Registration / Networking
11:00	<ul style="list-style-type: none"> i. Introduction of the MC ii. Anthems iii. Prayers iv. Recognition of Special Guests
11:30	Opening remarks by the Chairman – Professor Charles Ofoegbu
11:40	Address by LOC Chairman, Professor Osita Chiaghanam (DVC, Academics)
11:50	Address by the Dean of Faculty – Professor K.K. Nwozor
12:00	Conference Foreword – Felix Ekundayo (President, NLPGA)
12:10	Goodwill Messages – Government, Academia, Industry
12:30	Vice Chancellor’s Address – Professor Kate Azuka Omenugha, fnipr
12:40	<p>Thought Leaders Forum – Moderator: Ify Aronu Host: Chinwe Okoli (Solution Innovation District) Leader: Dr Uche P. Chukwu (NBTI) Speakers:</p> <ul style="list-style-type: none"> Prof. Joe Ezigbo (Falcon Corporation) Abdulmalik Halilu (NCDMB) Engr. Dr Oluwaseyi Ogungbenro (ELDI) Mma Okezie (Geomarine) Chinedu Oguegbu (Omaa Motors) Nkem Orakwe (Digital Hands Technologies)
13:20	Comments, Questions and Answers
13:30	Musical Interlude
13:35	Citation of the First Lady
13:40	Address by the First Lady
14:00	Awards
14:30	Responses
14:40	Closing Group Photographs Media Interviews Networking Lunch Departures

Day two

1. Arrival
2. Introduction
3. Breakout Technical Session
4. All Conference Luncheon
5. Departure

NIGERIAN NATIONAL ANTHEM

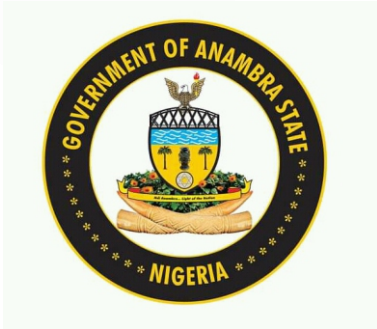


**Nigeria we hail thee,
Our own dear native land,
Though tribe and tongue may differ,
In brotherhood, we stand,
Nigerians all, and proud to serve
Our sovereign Motherland.
Our flag shall be a symbol
That truth and justice reign,
In peace or battle honour'd,
And this we count as gain,
To hand on to our children
A banner without stain.
O God of all creation,
Grant this our one request,
Help us to build a nation
Where no man is oppressed,
And so with peace and plenty
Nigeria may be blessed.**

PLEDGE

**I pledge to Nigeria my Country
To be faithful, loyal and honest
To serve Nigeria with all my strength
To defend her unity
And uphold her honour and glory
So help me God.**

ANAMBRA STATE ANTHEM



With all our hearts
 We pray and ask God bless Anambra
 God bless the shining light that we bear
 We are the only ones to make her brighter
 The ones to make her better
 The only ones to make Anambra shine
 With our sweat and blood, Every breath of our
 lives
 With trust in God
 We would lift our homeland high
 We believe in togetherness
 We'll build a land of progress
 Lift the spirit of Anambra
 Lift the Spirit of Anambra
 Lift the spirit of Anambra, State we love.

CHUKWUEMEKA ODUMEGWU OJUKWU UNIVERSITY ANTHEM



Chukwuemeka Odumegwu Ojukwu
 University on the move
 We shall and praise our great COOU
 and pride of the nation
 With careful consideration of academic
 excellency and the serenity of the sight
 The arts, sciences and technology
 is our lofty goal
 The great citadel of learning that
 stands as a giant and hope for the nation
 We hail and praise our great institution
 By the east of Niger, the seat
 of wisdom and the strength of the nation
 To God be the glory.



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PROFESSOR CHARLES CHUKWUMA SOLUDO
(CFR)
GOVERNOR OF ANAMBRA STATE



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DR NONYE SOLUDO
WIFE OF THE GOVERNOR OF ANAMBRA STATE
*SPECIAL GUEST OF HONOUR &
DISTINGUISHED KEYNOTE SPEAKER*



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Commissioner for Education,
Anambra State



BARR. ANTHONY IFEANYA
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CHRISTIAN C. UDECHUKWU
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CHINWE OKOLI
Special Adviser to the Governor of Anambra
State on Innovation and Business Incubation



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PROF. KATE AZUKA OMENUGHA FNIPR
Ag. Vice Chancellor
Chukwuemeka Odumegwu Ojukwu University

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Deputy Vice Chancellor
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Prof. Mathias Ananti
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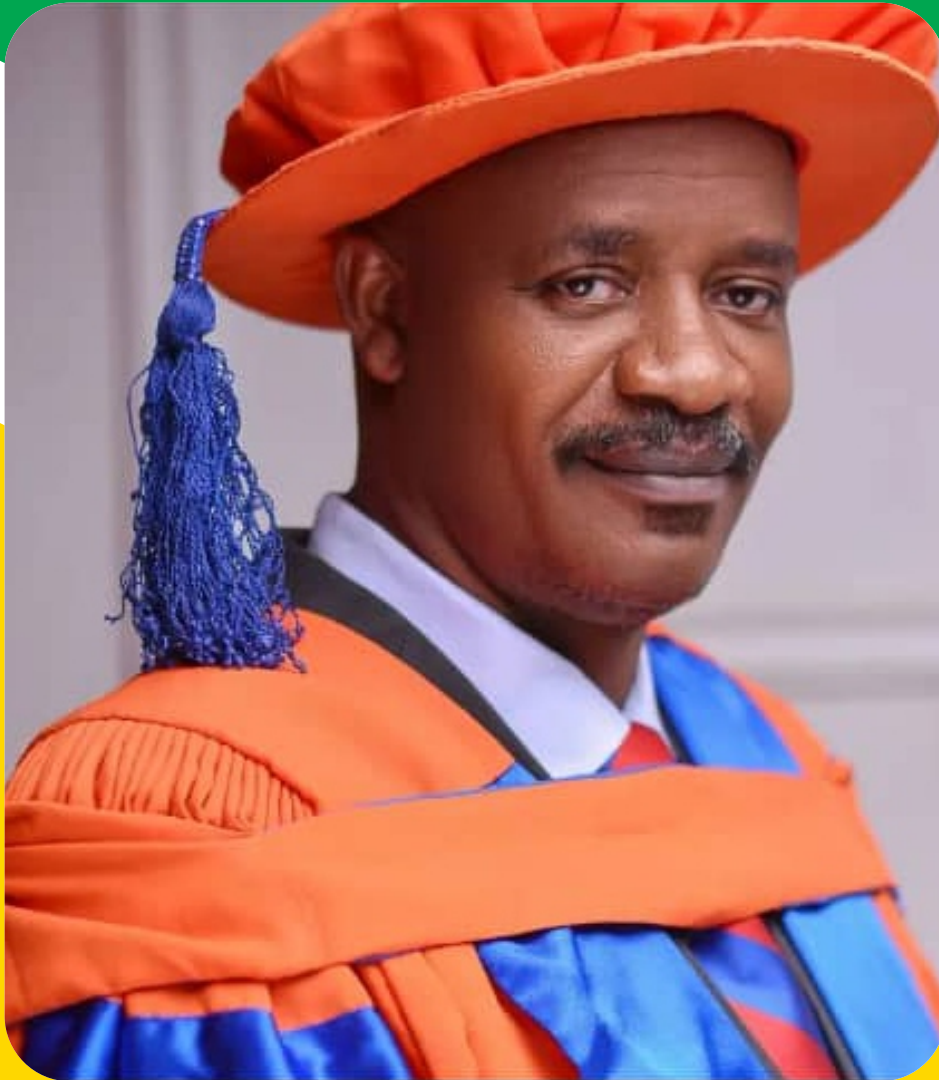
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Ag. Bursar



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PROFESSOR OSITA I. CHIAGHANAM

Deputy Vice Chancellor (Academics)
CHAIRMAN, LOCAL ORGANISING COMMITTEE



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PROFESSOR K.K. NWOZOR
Dean, Faculty of Physical Sciences
Chukwuemeka Odumegwu Ojukwu University



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SubDean



Prof. K.K. Nwozor
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Prof. Nicholas Sunday Umeokwonna
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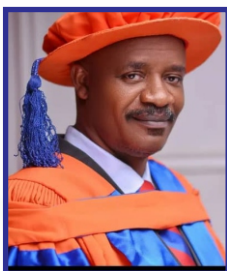


Dr Rosary Ngozi Ujumadu
Head, Dept. of Mathematics



Mr Charles Azudiugwu
Faculty Officer

Some Members of Local Organising Committee



Prof. Osita I. Chiaghanam
Chairman Local Org. Committee



Prof. K.K. Nwozor
Dean of Physical Sciences



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Dept. Computer Science



Prof. Ike Mgbefuluike
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Anekwe, Frances N.
Industrial of Physics Dept.



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Chiazor Egbuachor
Department of Geology



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Onyechi, Charity Ngozi
Department of Computer Science



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Department of Mathematics

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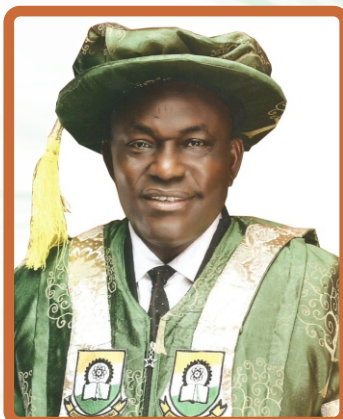


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Environmental Chemistry



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Solar Energy Physics

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Head, Dept. of Computer Science



Prof. Ify Ezenwa
Industrial Physics



Prof. Ngozi A. Okereke
Material Research

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1. Prof. Stella Ibe (2004 - 2005)
2. Prof. R.E. Enemo (2006 - 2008)
3. Prof. G.C. Obi (2008 - 2010)
4. Prof. L.O. Ezenweke (2010 - 2014)
5. Prof. G.C. Obi (2014 - 2016)
6. Prof. L.N. Ezenwaka (2016- 2018)
7. Prof. O.I. Chiaghanam (2018 - 2021)
8. Prof. K.K. Nwozor (2021 till date)

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Dr Uchenna P. Chukwu
DG/CEO, NBTI



Professor Joe Ezigbo
Falcon Corporation



Felix Ekundayo
Asiko Energy/President,
NLPGA



Dr Nonye Soludo
Wife of the Anambra State
Governor



Abdulmalik Halilu
NCDMB, Yenagoa



Mma Okezie
Geomarine Systems Limited



Engr Dr Oluwaseyi A. Ogungbenro
Ag. DG, Electronics Development
Institute (ELDI)



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THOUGHT LEADERS AND SPEAKERS

SPECIAL GUEST-OF-HONOUR / DISTINGUISHED KEYNOTE SPEAKER

Dr Nonye Soludo

CHAIRMAN

Professor Charles Ofoegbu

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Dr Uche P. Chukwu

Abdulmalik Halilu

Felix Ekundayo

Professor Joe Ezigbo

Engr. Dr Oluwaseyi Ogungbenro

Mma Okezie

Professor Moses Chendo

Chinedu Oguegbu

Nkem Orakwe

Engr Tom Unyime Clement



Investiture/Special Awards

INVESTITURE

Life Member & Patron of Faculty of Physical Sciences

Dr Nonye Soludo

Wife of the Governor of Anambra State
Founder, Healthy Living With Nonye Soludo

AWARDEES

DISTINGUISHED ACADEMIC LEADERSHIP AWARD

Professor Kate Azuka Omenugha, fnipr
Ag. Vice Chancellor of COOU.

ACADEMIC LEADERSHIP AWARD

Dr Njideka Chiekezie

Rector of Anambra State Polytechnic,
Mgbakwu.

LIFETIME ACHIEVEMENT AWARD

Dr Abdulrazaq A. Garba

Immediate-past Director-General,
Nigerian Geological Survey Agency.

PROFESSIONAL SOCIETY LEADERSHIP AWARD

Dr Ifeoma Obieri

ICH-DIEN Audit

Dr Sunny Chuba Nwachukwu

Real Estate Developers Association of
Nigeria.

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Dr Uzoma Valentine Awunor

Mrs Evangel Eyisi

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BEST CONSUMER PRODUCTS EXHIBITOR AWARD

Technology Incubation Centre (TIC) Nnewi

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Chukwuma, Elias Ikechukwu

BEST MDA AWARD

Solution Innovation District (SID)

LOW-CARBON TECHNOLOGY LEADERSHIP AWARD

Lafarge Africa Plc

BEST LUBRICANT MANUFACTURER AWARD

Seahorse Lubricants Industries Ltd

BEST GRADUATING STUDENTS

OVERALL FACULTY BEST GRADUATING STUDENT AWARD

Agbasi, Johnson Chibuikem

DEPARTMENTAL BEST GRADUATING STUDENT AWARD

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Agbasi, Johnson Chibuikem

Department of Geology

Eme, Henrietta Chinenye

Department of Industrial Physics

Ifeakor, Chisom JaneFrancis

Department of Pure & Industrial
Chemistry

Ezeunara, MaryJane Mmasichukwu

Department of Statistics



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THE DEPUTY VICE - CHANCELLOR
(ACADEMICS)

DEPUTY VICE - CHANCELLOR

Prof. O.I. Chiaghanam

B.Sc., M.Sc. Ph.D. (NAU)
Mnmg, mspe, mnape, mcomeg
Professor of Geology



Postal Address:

Private Mail Bag 02, Uli,
Anambra State - Nigeria
Tel: 08036723693
Email: oichiaghanam@yahoo.com

Our Ref:..... Your ref:..... Date: 26TH September, 2023.....

AN ADDRESS DELIVERED BY THE CHAIRMAN, LOCAL ORGANIZING COMMITTEE, ON THE OCCASION OF THE 6TH FAPSCON 2024, ON 16TH OCTOBER 2024 AT THE TETFUND AUDITORIUM, IGBARIAM CAMPUS, ANAMBRA STATE.

PROTOCOLS

I am delighted to welcome you all to the 6th International Conference and Exhibitions of Energy, Science, Technology, Innovation & Entrepreneurship being organised by the Faculty of Physical Sciences, Chukwuemeka Odumegwu Ojukwu University with the theme: Building Nigeria Skills & Capabilities for the 4th Industrial Revolution. I am pleased with the vigour with which the Faculty has made its International Conference an annual event, which has made the Faculty & University visible. Founded on the strong pedestals of promoting Science & Technology, this year's conference will help to drive intellectual properties, innovation and commercialisation of our discoveries.

As a hub of academic excellence and upcoming industrial web of possibilities, the public is invited to note the academic & infrastructural developments in the Faculty, with all its six (6) programmes fully accredited by the National University Commission (NUC) and various departmental professional bodies. This clean bill of health by NUC & Professional bodies is further made manifest in the quality of our graduates, national/international engagements, quality of research output and staff rating. Thus, the Faculty remains a willing and ready partner at seeing the deepening and sustenance of academic excellence. To further bring this to reality, FAPSCON 2024 is addressing the future of Science and innovation by incorporating secondary school students under the banner of young scientists and future innovators. A capacity building workshop is also part of the conference programme as we push to imbue our students, fresh graduates and young professional with the right information for career growth in a digital economy.

The conference is structured technically to run in 3 to 4 parallel sessions that is expected to take care of all the approved abstracts, hence we urge the judges &



panelists to be firm in their evaluations. It is expected that the presentations will help build scientific communication confidence and showcase discoveries.

The inflow of financial support and goodwill messages from all segments is heartwarming despite the current economic hardship. We appreciate the Chairman of the occasion and Guest Speakers for standing in solidarity with us. The Chief Host and Vice Chancellor of Chukwuemeka Odumegwu Ojukwu University, Prof. Kate Azuka Umenugha has demonstrated exemplary leadership with transformational achievements in the university which has improved the university visibility, viability and value. The host and Dean of our Faculty, Prof. K.K. Nwozor has positively reprogrammed the Faculty to a centre of high academic standards, acceptable best practices and technological hub.

On behalf of the Local Organizing Committee, I thank you for being part of FAPSCON 2024. Ensure you enjoy every bit of the conference and the hospitality of Faculty of Physical Sciences. You are welcome to the now university and of the future.

A handwritten signature in black ink, appearing to read 'Osita Igwebuike Chiaghanam', is positioned below the text.

Prof. Osita Igwebuike Chiaghanam

DVC (Academic)/Loc Chairman, FAPSCON 2024



Dean's Address

CHUKWUEMEKA ODUMEGWU OJUKWU UNIVERSITY

(FORMERLY ANAMBRA STATE UNIVERSITY)

FACULTY OF PHYSICAL SCIENCES

Office of the Dean

Professor K.K. Nwozor

PhD (Aberdeen, UK), PhD (NAU, Nig.), FGS.

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+2348087190369



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Anambra State, Nigeria

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Date: 16/10/2024

ADDRESS BY THE DEAN, FACULTY OF PHYSICAL SCIENCES DURING FAPSCON 2024: THE 6TH INTERNATIONAL ENERGY, SCIENCE, TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP (ESTIE) CONFERENCE AND EXHIBITIONS

Protocols.

It is with great pleasure and responsibility that I welcome you all to FAPSCON 2024: the 6th International Conference and Exhibitions for Energy, Science, Technology, Innovation, and Entrepreneurship. Established since 2018 by the Faculty of Physical Sciences, Chukwuemeka Odumegwu Ojukwu University, FAPSCON has provided a vibrant platform for stakeholders across academia, industry and government to exchange knowledge, drive innovations and explore solutions to national and global challenges. This year's theme, *"Building Nigerian Skills and Capabilities for the 4th Industrial Revolution,"* speaks directly to the urgent need for Nigeria to recalibrate its national priorities to align with the sustainable development goals and the fast-evolving demands of the global economy. As we navigate the complexities of the 4th Industrial Revolution characterised by advances in green energy, artificial intelligence, automation and digitalisation, our collective focus must remain on skilling, upskilling, reskilling and fostering technological innovation.

The conference theme for this year builds on the remarkable foundation laid by previous FAPSCON editions. In 2019, we focused on *"Repositioning the Narratives of Scientific Research for Sustainable Development,"* emphasising the role of research as the bedrock of national progress. In 2021, FAPSCON explored *Leveraging Science and Technology for Responsible Governance and Wealth Creation* highlighting the importance of local innovations in achieving industrial self-sufficiency. Last year, in 2023, we addressed *"Breaking Barriers to Innovation, Local Manufacturing, and Technology Development in Nigeria,"* stressing the need to remove structural bottlenecks hindering the development and commercialisation of research outputs and indigenous innovations.

This year's theme is a logical progression in this journey. The 4th Industrial Revolution is not only a technological era but also a human-centred one, requiring both infrastructure and human capital capable of adapting to the new economic landscape. The objectives are clear: to foster partnerships, build local competencies and ensure that Nigeria is well-positioned for leadership in a tech-driven world. It is important to note that FAPSCON 2024 is driven by the Values, Viability, and Visibility (3Vs) agenda of Chukwuemeka Odumegwu Ojukwu University as initiated by our



visionary Ag. Vice Chancellor, Professor Kate Azuka Omenugha, fnipr. We are committed to contributing to the Sustainable Development Goals (SDGs), particularly in quality education, industry, investments, innovation, impact and partnerships. The outcomes we anticipate from this conference include the empowerment of participants with in-demand skills, an enhanced understanding of Nigeria's industrial readiness and new pathways for collaboration through the Pentahelix Integrated Innovation Ecosystem (PIIE).

We are honoured to have with us esteemed dignitaries, including Dr Nonye Soludo, wife of the Governor of Anambra State, our Solution Commissioners and Special Advisers, Professor Charles Ofoegbu, Felix Ekundayo, the President of the Nigerian Liquefied Petroleum Gas Association (NLPGA), Geomarine Systems Ltd, Abdulmalik Halilu of NCDMB, Dr Oluwaseyi Ogungbenro of Electronics Development Institute (ELDI), National Board for Technology Incubation (NBTI), Falcon Corporation, MTN, Lafarge Africa Plc, SITECH, ANESTAN, Cyphercrescent, Provosts, Rectors and other distinguished speakers and awardees whose contributions will enhance the discourse at this conference. Their presence underscores the importance of the topics we are addressing and the significant role each of us plays in ensuring Nigeria's success in this technological era.

We are particularly excited about the presence of exhibitors who will be showcasing groundbreaking innovations, further illustrating the creative potential Nigeria holds. One of the highlights of this year's conference is *Teenovation 4.0*, a segment where young minds from secondary schools present forward-thinking, tech-driven projects as part of the Young Scientists and Future Innovators Tech Fair. By nurturing the innovative capacities of our youth, we are investing in the future of Nigeria, creating the pool and pipeline of talents that will drive our local content agenda and enable our nation to compete globally.

I would like to take this opportunity to acknowledge the outstanding contributions of our sponsors, who despite the tough economic climate, saw good reasons to keep faith with FAPSCON. While we cannot mention all benefactors, may these names serve as the point of contact to all our donors: Healthy Living With Nonye Soludo, Solution Innovation District, Lady Ada Chukwudozie, Ronye Egborge (RETECH Foundation), Alex Nsidibe (SITECH Akwa Ibom), Chief Stan Nnaka, Anambra State Materials Testing Laboratory and Geomarine Systems Ltd.

Finally, I extend my sincere appreciation to the organising committee, presenters, participants and visitors for their dedication and support. Together, we are setting the stage for a future where Nigeria takes a pride of place in Energy, Science, Technology, Innovation and Entrepreneurship.

Thank you, and I wish you all a productive and inspiring FAPSCON 2024.

A handwritten signature in black ink, appearing to read 'K.K. Nwozor', is written in a cursive style.

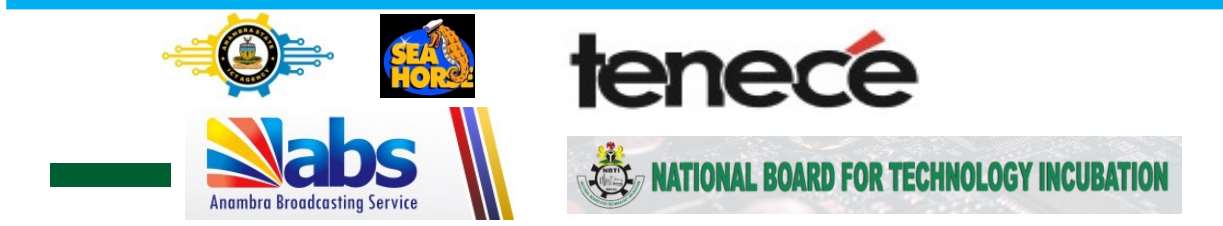
Professor K.K. Nwozor

PhD (Aberdeen, UK), PhD (NAU, Nig.), FGS

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GOODWILL MESSAGE

The family of Professor Mrs. Stella Nwabuogo Ibe (nee Ikokwu) congratulates the Ag. Vice Chancellor of COOU, Prof. Kate Azuka Omenugha, the Dean, Faculty of Physical Sciences, Prof. K. K. Nwozor and the Local Organizing Committee of FAPSCON 2024 for making this 6th International Interdisciplinary Conference possible.

We wish all participants a successful experience and safe journey and pray for the building of Nigerian skills and capabilities to move the country forward to self-reliance and productivity.

PROFESSOR STELLA IBE
*PIONEER DEAN, FACULTY OF SCIENCE,
ASUTECH*



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- Software and Web Development (HND)

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Must possess 5 O/L credits in relevant subjects including Maths and English Language in not more than two sittings.

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• Must have chosen Grundtvig Polytechnic as first choice OR do a Change of Institution to Grundtvig Polytechnic on JAMB website or contact the Polytechnic for assistance.

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FAPSCON2024: Inspired to deliver VALUE, VISIBILITY & VIABILITY

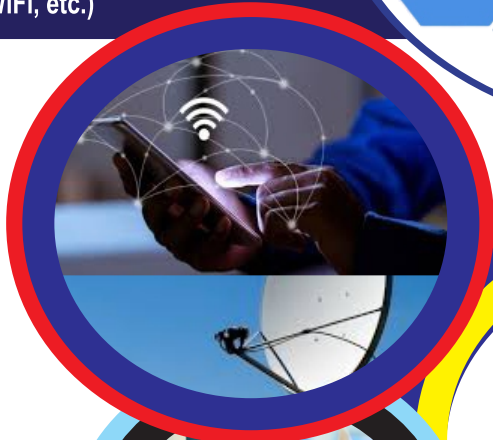


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P.M.B 002 MGBAKWU, ANAMBRA STATE OF NIGERIA

OFFICE OF THE RECTOR

Dr. Njideka Rita. Chiekezie,
B.Sc, M.Sc, MBA, PgD, PhD



Website: www.anspoly.edu.ng
info@anspoly.edu.ng
E-mail: chiekezienjideka@gmail.com
08037708354

Our Ref: _____

Date: _____

GOODWILL MESSAGE

On behalf of the entire staff and students of Anambra State Polytechnic, Mgbakwu, I am delighted to extend our warmest greetings and heartfelt congratulations to the organizers, participants, and distinguished guests of the 6th Energy, Science, Technology, Innovation, and Entrepreneurship Annual Conference and Exhibition 2024. This significant event, hosted by the prestigious Chukwuemeka Odumegwu Ojukwu University, Igbariam, underscores the critical role that science, technology, innovation, and entrepreneurship play in driving sustainable development and fostering economic growth in our nation.

As we confront the challenges of energy transition, climate change, and technological disruption, this conference provides a valuable platform for the exchange of groundbreaking ideas, research, and innovations that will shape the future of Nigeria and beyond. The collaboration of academics, industry leaders, entrepreneurs, and innovators at this event is a testament to the power of collective action in addressing global challenges and seizing new opportunities.

I commend the vision and dedication of the organizers, and I encourage all participants to take full advantage of the learning, networking, and collaborative opportunities this conference offers. May this event spark innovative solutions, foster impactful partnerships, and inspire bold strides towards a brighter and more sustainable future.

Once again, congratulations and best wishes for a successful conference and exhibition.

Yours in service

Dr. Njideka Rita Chiekezie
Ag: Rector



SOCIETY OF WOMEN IN TAXATION ANAMBRA STATE CHAPTER

GOODWILL MESSAGE

The Executives and Members of the Society of Women in Taxation, Anambra State Chapter, extend their heartfelt congratulations to Dr Lady Ifeoma Obieri, ACA, FCTI, FCCFA, FCCI, Principal Partner of ICHI-DIEN AUDIT Onitsha, on her well-deserved conferment of the Professional Society Leadership Award.

This prestigious recognition is a testament to your inspiring commitment to national economic development, your dedication to responsible professional service, and your unwavering passion for excellence. Your effective leadership roles at various levels and your selfless contributions to the fields of accounting, auditing, and taxation have set a high standard for all to follow.

We are immensely proud of your achievements and grateful for your continued efforts to advance our profession. Your exemplary service and leadership inspire us all.

Congratulations once again, and may you continue to excel and inspire in all your endeavors.

Warm regards,

FOR: SOCIETY OF WOMEN IN TAXATION, ANAMBRA STATE CHAPTER



DR UJU OKEKE
GENERAL SECRETARY



ESEOSA MBACHU
VICE COORDINATOR





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(Chartered Accountants & Corporate Advisors)

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P.O. BOX 14958 ONITSHA, NIGERIA.
PHONES: 08037244324, 08033261356.
E-mail: bekeelady74@gmail.com
bekeelady@yahoo.com
kuofca@yahoo.com

BRANCH OFFICE: Suite 4, Mazado Plaza, Near Julius Berger Headquarters, Utako, Abuja, Nigeria.

**CONGRATULATORY MESSAGE BY ICH-DIEN AUDIT TO DR. LADY
IFEOMA .D. OBIERI**

It is with immense pleasure and pride that we celebrate your outstanding achievement as you receive the Professional Leadership Excellence Award at the FAPSCON 2024 conference. This prestigious recognition by Chukwuemeka Odumegwu Ojukwu University is a testament to your unwavering dedication to excellence, expertise, and leadership.

As a trailblazer in your field, you have consistently demonstrated exceptional leadership qualities, inspiring countless individuals and organizations to strive for excellence. Your contributions to the development of tax practices and policies have had a profound impact on the industry.

This award is a fitting tribute to your hard work, perseverance, and passion for making a difference. It serves as a reminder that your efforts have not only been recognized but also celebrated by the academic and professional community.

Please accept our warmest congratulations on this well-deserved recognition. May this award motivate you to continue pushing boundaries, inspiring others, and shaping the future of taxation.

Signed:
Management



DR.(LADY) IFEOMA DEBORA OBIERI, HND, B.Sc, M.Sc, ACA, FCTI, FCCFA, FCCFI, CFIT, DBA (Principal Partner)
CHIEF SIR KEVIN UWANUAKWA OBIERI, B.Sc. (Hons.), FCA, MNIN, FCIT, MIMC, FCON, MBA, M.Sc, (Managing)
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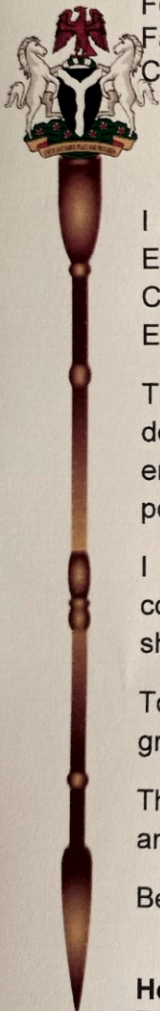
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GOVERNMENT OF ANAMBRA STATE, NIGERIA
MEMBER REPRESENTING OYI CONSTITUENCY
CHAIRMAN, COMMERCE, TRADE AND INDUSTRY

Our Ref:..... Your Ref:..... Date:.....

Dear Prof. K.K. Nwozor,
The Dean/Convener,
6th Annual International Conference and Exhibition
For science, Technology, Innovation and Entrepreneurship,
Faculty of Physical Sciences,
Chukwuemeka Odumegwu Ojukwu University.



GOODWILL MESSAGE

I am deeply honored to be nominated for the prestigious Distinguished Entrepreneurship Leadership Award at the 6th Annual International Conference and Exhibition for Science, Technology, Innovation, and Entrepreneurship.

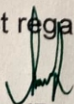
This recognition is a testament to the power of innovation, resilience, and dedication that defines our entrepreneurial journey. As a serial entrepreneur and founder of successful businesses, I am humbled by the positive impact our ventures have made.

I congratulate the organizers for creating a platform that fosters collaboration, knowledge sharing, and growth. Your efforts are pivotal in shaping the future of entrepreneurship and innovation.

To fellow nominees, I offer my sincerest admiration for your groundbreaking work. Together, we inspire and propel progress.

Thank you for this esteemed recognition. I look forward to the conference and the opportunity to engage with visionary leaders.

Best regards.



Hon. (Dr.) Sir Innocent Ojike
Distinguished Entrepreneurship Leadership Award Nominee
MD/CEO Milton Steel Manufacturing Company Limited



Legislative Building, House of Assembly Complex, P.M.B. 5053, Awka
Email: innotec4real@yahoo.com Website: www.ojicam.com Tel: 08039315558



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METALLURGICAL TRAINING INSTITUTE OF NIGERIA

MINISTRY OF MINES AND STEEL DEVELOPMENT

Our Ultimate goal is to attain excellence in importing skills and competence in Nigerian youths through efficient service delivery to our students and clients. We work towards producing competent Nigerians to run the steel and allied industries for rapid industrialization of our nation and in attaining the Local Content Policy Government

OUR VISION

To develop highly skilled, practical and production oriented low and middle level skilled manpower who will effectively maintain the steel and allied industries including oil and gas sector of the economy.

- In Compliance with the Executive Order 001

Programme offered by the institute:

a. 3 years MTI Diploma Programmes in the Following areas:

- (i) Industrial Electrics Engineering Technology
- (ii) Instrumentation and control System Engineering technology
- (iii) Mechanical Maintenance Engineering technology
- (iv) Industrial Metallurgy and Soundary Engineering technology
- (v) Welding and steel fabrication Engineering technology
- (vi) Heavy mobile and equipments maintenance Engineering technology

b. 2 years National Diploma Programmes:

- (I) Computer Science
- (ii) Computer Engineering
- (iii) Welding/Metallurgical Engineering.
- (iv) Material/Metallurgical Engineering.
- (v) Electrical and Electronics Engineering.
- (vi) Mechanical Engineering.

c. Short Term Programme/Skills Acquisition

- (I) One (1) week Capacity building workshop in the areas mentioned in 3a above.
- (ii) One month (Minimum) Skills acquisition programmes in the areas mentioned in 3a above.
- (iii) One month (Minimum) graduate Skills empowerment programmes in all the areas mentioned in 3a and 3b above.

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SOME EXHIBITIONS

1) ST. KIZITO GIRLS SECONDARY SCHOOL, UMUDIOKA

- Flywheel Spring Machine
- Function: Free energy machine that powers a generator without fuel

2) ST. CHARLES COLLEGE ONITSHA

- i) Smoke and Gas Leakage Detector
- Function: Detection of Smoke and Gas Leakages in home and industries.
- ii) Water Charger Bulb

3) DEEPER LIFE HIGH SCHOOL, NTEJE

- i) Sound Amplifier
- ii) Machine Learning Code for Identification of car plate number
- iii) Sales Record Keeping Apps (Python Codes)

4) CHOICE DE IMMACULATE DEMONSTRATION SCHOOL OBOSI

- i) Mechanised Metal scraps picker with remote control underground metal detector.
- Function:
- Help clean the environment of metal scraps
- Detection of sub soil deposit scraps and with mechanised digger
- Source of income and employment.
- ii) Robot House Intruder Detector.

- Function: Detects the presence of an intruder with the use of sensor-enabled robot

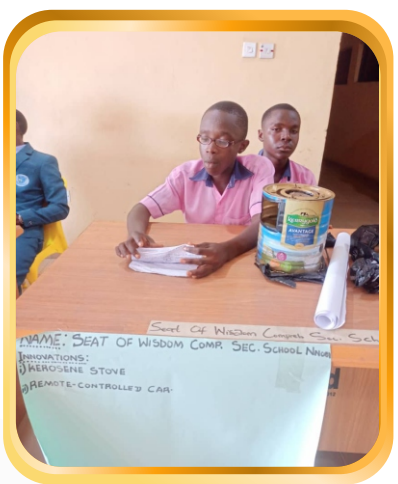
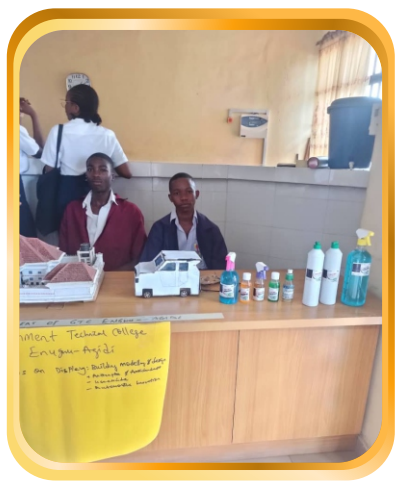
5) DIVINE RAYS BRITISH SCHOOL, OBOSI

- Waste-to-Energy and Education Fund (WEEF)
- Function: Machine incinerates waste, converts unused heat into electricity and captures carbon emissions.

6)DMGS ROBOTICS/STEM CLUB

- 1)Smart Google for the blind
- 2)Home Automations System
- 3) Time Management Device/System
- 4)Object Avoidance Robot.

FAPSCON 2023 EXHIBITION GALLERY





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Solution Innovation District



Who We Are

SOLUTION INNOVATION DISTRICT (SID) is a community of innovators, inventors, technologists, social entrepreneurs, tech companies, government, investors, digital tribe and smart artisans who provide solutions to local and global problems.

At SID, we train, incubate and mentor the digital tribe, startups and entrepreneurs to provide services and innovative solutions out of Anambra State.

Our programs:

- Digital Skills Training, basic and advanced.

- Business Incubation for Startups

- Entrepreneurship Training

- Access to Job Opportunities And so much More

How You can Partner with Solution Innovation District

- 01 Set up SID Mini Hub & Center
- 02 Become an Angel Investor, join Anambra Angel Investors Network
- 03 Invest in SID Permanent Site (Innovation District)
- 04 Programs Sponsorship / Training Scholarships
- 05 Media Partnership

How you can benefit from our programs: follow us on

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CITATION OF NONYE FRANCES SOLUDO

It is a great honour, albeit difficult task for me, to briefly introduce this quintessential amazon and pride to womanhood whose breed is of limited edition. Mrs Nonye Soludo is a rare combination of brain, beauty, and edifying character. I present to you a woman who has been described by her husband and children as ideal wife and mother, but who has also greatly excelled as a thorough-bred professional, entrepreneur, humanist, philanthropist, and an epitome of deep Christian values. She is the wife of the Governor of Anambra State, Prof. Chukwuma Charles Soludo, CFR and their marriage is blessed with six children (two boys and four daughters).

Nonye Soludo, who is also the First Lady of Anambra State, attended the Queen of Rosary Secondary School, Nsukka and proceeded immediately to the University of Nigeria, Nsukka (UNN) and obtained B.Sc (Computer Science), 1995. She further obtained a Post-Graduate Diploma in Accounting from the University of Nigeria, Enugu Campus. Subsequently she proceeded to the United Kingdom where she obtained an M.Sc (International Finance and Accounting) from the prestigious University of Westminster, London, 2007. Ever thirsty for knowledge and self-improvement, the First Lady obtained specialized trainings in Securities Trading as well as Real Estate Management.

Nonye Soludo is widely travelled. She has lived in the U.S, U.K, and travelled to 11 other countries.

What marks this great woman of virtue out has been her uncommon ability to combine her passion for building an ideal home with her multi-faceted drive as a professional, entrepreneur and philanthropist. In 1998, she founded the Queens Computer World (West Africa) Ltd which arguably became the biggest computer services company in the Southeast. Her Frances Farms Ltd easily became one of the biggest poultry and animal husbandry farms in Nigeria, covering Enugu and Nasarawa States. Since she relocated to the United Kingdom in 2006, she has been multi-tasking as a digital Securities trader, a Real Estate Executive, as well as an Importer-Exporter of organic (healthy) foods, spanning over 135 product lines. She is the founder/CEO of Healthy Living Foods Ltd, U.K- a reputable global business chain, as well as Charles Frances Properties Ltd, U.K. Mrs Soludo has successfully turned her passion for healthy living into a thriving business and crusade to promote healthy lifestyles.

Mrs Soludo's life is one devoted to serving God and humanity. For over 30 years, she has made caring for widows and poor children her second nature, benefitting thousands. Together with her husband, she founded the Soludo Foundation, a charity foundation devoted to promoting the education and health of the poor as well as empowering the vulnerable persons in society across the world. Through this Foundation, thousands of poor children have received education, some even to the highest levels, while health care services are generously provided for the needy. In Isuofia, the Foundation has adopted "Amoji Primary School, Isuofia" where thousands of children have benefitted from totally free and qualitative education for over a decade, as well as investment in other primary schools in Isuofia (including payment for PTA teachers in some for many years). Also, about 700 very indigent citizens of Isuofia (with at least 10 from every Umuanna in Isuofia) have, for years, been receiving monthly stipend from the Foundation.

Her healthy living campaign, started since 2006 as a passion, then business, and finally, a crusade. She started as a crusader on her social media handles, and now under the auspices of an NGO--- "Healthy Living with Nonye Soludo". The Healthy Living crusade has become a national and global campaign. In Anambra, the Campaign has taken an organizational structure, growing organically around the State, from schools, homes, religious places and communities. The impacts of her works are astounding, and already receiving local and international recognitions including by, the World Health Organization (WHO), UNICEF, Clinton Health Access Initiative (CHAI), Rotary International, the British Government, to name just a few. At home, the Umuada Isuofia has honoured her with the title of "Akwaugo Isuofia", while the Isuofia Women Council call her "Osinanwata mabamma". The Mgbakwu Community has also honoured her with the title of "Nne Di Ogo Awka North".

The First Lady of Anambra is celebrated for her kindness, uncommon humility and simplicity. She is more about touching lives and motivating people to do the same. Nonye Soludo, the brainy beauty queen leaves you on the brim of irresistible emotion of tears of joy. Mother Teresa was right when she said that, "At the end of life, we are going to be judged on the basis of our love for one another". Nonye Soludo lives by that amazing norm. In five decades, she has made so much impact on humanity, and constantly setting the right examples especially for women and girls. All these she does with utmost humility and such disarming joy and calmness that many who knew her late mother (Mrs Gloria Ezenwanne), can't think of a better way to summarize her than for her to carry on the baton from her mother as truly the "Mmili gulu-egu"!

