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Campus News

Federal University of Technology, Minna

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PROF ADEGBOYE DELIVERS 41ST INAUGURAL LECTURE

In furtherance of the Inaugural Lecture series of the University presented regularly by University dons, the latest is the 41st in the series and 1st this year. Prof. Babatunde Araoye Adegboye, Professor of Electrical Engineering delivered the lecture titled **Electric Power Transmission Line- A Viable Link for Intelligence Transmission** on Thursday, March 17, 2016 at the Caverton Lecture Theatre, Main Campus, Gidan Kwano.



Prof. Babatunde presenting his lecture yesterday

The lecturer who is the Head, Department of Electrical Engineering said that electric power transmission line serve as a link between the generation station and the distribution station and that a power system is composed of generation, transmission and distribution, while describing intelligence as communication signal consisting of audio, video and digital data.

"The use of the high voltage, three phase power transmission line itself as a communication medium is extremely useful for achieving the diversification of signaling media, which is required for high voltage transmission system protection, supervisory and control operations and fast information dispatch," he stated.

The erudite scholar pointed out that the major conclusions drawn on the intelligence transmission potentials of the Nigerian electric power transmission lines are that the vertical configuration exhibits better propagation behaviour than the triangular configuration while noting that the 330kV single circuit powerlines exhibit better propagation behaviour than the 132 kV single circuit powerlines. He further said that the 330kV lines can be used as propagation medium for intelligence

transmission by careful design and selection of carrier equipment in order to achieve high speed rates, large channel capacity and bandwidth.

According to him, the Inaugural Lecture reflected a little of his Ph.D research in Powerline Communication at the Ahmadu Bello University, Zaria, with particular interest in the Nigerian electric power transmission system and the objectives of developing equivalent analytical (matrix) models for the Nigerian high voltage 132kV and extra high voltage (330KV) single circuit (SC) power transmission lines which characterize their signal attenuation and propagation velocities. It was also to identify propagation modes that will provide significant output power and the configuration of 132kV SC lines that would effectively support intelligence transmission. The research objective was to identify the transmission voltage level that would be more suitable for intelligence transmission and then to determine the propagation behaviour of the Nigerian SC transmission lines. Further more, the research was to study the effects of load cycle on the propagation behaviour of the transmission lines and to adapt the most acceptable configuration of transmission lines for intelligence transmission.

In order to ensure proper operation, the lecturer who has over 50 publications to his credit recommended the measurement of carrier frequency response of all newly installed carrier channels, and that the line traps should be inserted in series with tap lines for the given permissible attenuation for the bandwidth of any carrier on the through circuit so as to prevent high frequencies from passing through the transmission line. He called for the assessment of carrier performance to be made on all installed carrier channels, especially the recent ones.

In his remark the Vice-Chancellor, Prof. Musbau Adewumi Akanji challenged Professors who have not delivered their inaugural lecture to do so as the target for this year is to reach 50 in the series. He recognized the array of distinguished audience from the academia, industry as well as from the town who graced the occasion to felicitate with the University.

FUTMINNA EMERGES 3RD BEST @ 2016 NURESDEF

In line with its proven prowess in quality research and development, the Federal University of Technology, Minna has emerged as the overall third best University out of the twenty-two universities and other Research Institutes that participated at the just concluded 6th edition of the Nigerian Universities Research and Development Fair (**NURESDEF**) with the theme **"Research and Innovations: A panacea to National Industrial Transformation"** hosted by the Nnamdi Azikiwe University, Awka, Anambra State from March 7-12, 2016.



L-R; Dr. Olutoye, Prof. Makun, UniZik VC, Prof. J.E. Ahaneku and wife (4th & 3rd from left), CVC Secretary General, Prof. Faborode (5th from left), NUC officials in a group photograph with FUT, Minna researchers and supporting staff after the closing ceremony

The results were announced by the National Universities Commission (NUC), Director of Research, Innovations and Development, Dr. Suleiman Ramon-Yusuf at the closing ceremony held at the Multi-Purpose Hall, UniZik.

According to the results released by NUC, University of Uyo came first, while the host university, Nnamdi Azikiwe University, Awka, came second.

Speaking at the closing ceremony, the Chairman of the occasion and Secretary General, Committee of Vice-Chancellors of Nigerian Universities, Prof. Michael Faborode of Obafemi Awolowo University (**OAU**), said that the challenge facing NURESDEF is the non-participation of government and industrialists.

Prof. Faborode commended the participating universities for attending this year's NURESDEF despite the short notice and added that the Committee of Vice-Chancellors (CVC) was working on re-packaging NURESDEF towards ensuring that its aims are achieved as well as encourage researchers to embark on projects that would impact positively on the society.

He thanked the organizer, NUC and the host UNIZIK for their efforts toward the success of the event and for bringing research to the fore through NURESDEF.

In his address at the event, UniZik Vice-Chancellor, Prof.

Joseph Eberendu Ahaneku applauded NUC for finding the institution worthy to host the 6th edition of NURESDEF and reiterated his administration's commitment towards promoting quality research and development in Nigeria.

Addressing the University contingent at the event, the Director, Directorate for Research, Innovations and Development (DRID), Prof. Hussein Makun thanked FUT, Minna researchers for making the University proud through their various research projects and prototypes.

Prof. Makun further expressed gratitude to the University Management for sponsoring the contingent to the 6th edition of NURESDEF and for stimulating research activities in FUT, Minna.

A breakdown of results in the different categories as released by NUC shows that in Life Sciences and Medicine, the first position went to Redeemer's University. Kogi State University, Anyingba, came second while third position went to FUT, Minna. In the Agriculture and Veterinary Medicine category- Covenant University topped, UNIZIK and FUT, Minna came second while third position went to UniIlorin.

University of Uyo came first in the Science and Technology category, FUT, Minna beat UniIlorin to the second position while the latter came third.

The Fair is planned to provide a platform for Nigerian Universities to showcase their achievements and development-oriented research projects and programmes and also to encourage industries to sponsor research works in Nigerian universities for commercial purposes.

It will be recalled that FUT, Minna hosted and won the 5th edition of NURESDEF in 2012.

UPGRADING

The Vice-Chancellor has approved the Upgrading of Faiza Babakano Jada, Department of Information and Media Technology from Graduate Assistant to Assistant Lecturer with effect from October 29, 2015.

COUNSELLING TIP

Be diligent to produce beneficial profit in your labour. Your productivity determines your personality. Works embody the mind, the spirit, the will, the nature of the workman. Let your work distinguish you among your colleagues.

**Guidance and Counselling Unit,
Students' Affairs Division.**

ADAMU URGES NIGERIAN UNIVERSITIES TO CONDUCT CUTTING EDGE RESEARCH

The Minister of Education, Mal. Adamu Adamu has charged Universities in Nigeria to conduct cutting edge research that would lead to the development of the country.

The Minister gave this charge while declaring open the 6th edition of the Nigerian Universities Research and Development Fair (NURESDEF) at the Multi-Purpose Hall, Nnamdi Azikiwe University, Awka, Anambra State.



Representative of the Minister of Education, Prof. Anthony Anwukah delivering the Minister's address during the opening ceremony of NURESDEF

The Minister who was represented at the event by the Minister of State for Education, Prof. Anthony Anwukah said the growth of the country rests solely on quality and impactful research that would contribute to national development, adding that research should go beyond mere pre-requisite to get promotion.

Mal. Adamu stated that the stake is high in today's technology driven world while stressing that there was need to equip students with entrepreneurship and technological skills to excel in Nigeria.

He challenged Nigerian Universities to explore new means of funding, noting that the Federal Government would continue to support programmes that would enhance the fortune of the education sector.

The Minister further commended TETFund, NCC, PTDF and other international organizations for supporting research development in Nigeria and admonished NUC to involve captain of industries in subsequent edition of NURESDEF in order to bridge the gap between universities and industries.

In his address at the event, the Executive Secretary, National Universities Commission (NUC), Prof. Julius Okojie, represented by the Director of Research, Innovations and Development, Dr. Suleiman Ramon-Yusuf said from the perspective of national transformation there was urgent need to kick start research through the instrumentality of quality and value added research that would contribute to national development.

Prof. Okojie disclosed that the purpose of the event was to provide a platform for Nigerian Universities to showcase their achievements and development oriented research projects and programmes and also to encourage industries to sponsor research works in Nigerian universities for commercial purposes.

He stated that research is pivotal if Nigeria wants to make progress and frowned at the lack of linkage between universities and private investors in the country.

He tasked Nigerian universities to do more in advertising their research output with the view of sharing resources and data together for the development of the country.

Speaking at the event, the Vice-Chancellor, Nnamdi Azikiwe University, Awka, Prof. Joseph Eberendu Ahaneku said what distinguished Universities from other tiers of tertiary institutions is research rather than academic content delivery per se, adding that it is important that a greater thrust be given to research in Nigerian Universities.

He pointed out that it was most gratifying that through NURESDEF and other measures, the National Universities Commission is playing its expected role.

On the debate of lack of synergy between universities and industries operating in the country, the VC revealed that considerable research findings abound in Nigerian universities serving no further purpose for society at large as a result of lack of linkage with industry and the attendant non-contribution towards the development of the national economy.

Prof. Ahaneku charged Nigerian universities to move beyond basic research to applied research and development, innovations in addition to creating new knowledge as well as technologies that would lead to discovering solutions to the country's extant problems.

He noted that research and development besides yielding materials for journal publication, with the attendant professional advancement, holds the prospect of the ownership of a patent with accompanying recognition and economy benefits.

The opening ceremony came to an end with an energetic theatrical display by the institution's Department of Theatre Arts and Film Studies while the Department of Music took participants down memory lane with exciting songs.

PROF. MAKUN CALLS FOR PROBLEM SOLVING RESEARCH

In view of the need to address the plethora of problems affecting the country, the Director, Directorate for Research, Innovations and Development (DRID), Prof. Hussieni Makun has called for problem solving research that would tackle several challenges facing the nation.



Prof. Makun speaking during the opening ceremony of NURESDEF

Prof. Makun stated this when he chaired the second colloquium session with the theme “**Turning University Research Output into Wealth**” at the just concluded 6th edition of the Nigerian Universities Research and Development Fair (NURESDEF) held at the Chika Okoli Entrepreneurship Centre, UniZik on Wednesday, March 9, 2016.

The Director said there is need for doctoral research to proffer solutions to national developmental problems rather than just doing research for promotional basis.

He commended President Muhammed Buhari for inaugurating the National Research Innovations Council which he stated has the mandate to initiate research from the local government to national level and called for an agency that would coordinate the activities of the Council.

In his presentation, the Lead Discussant, Director NOTAP, Engr. Joseph Nwosa said to turn research into wealth, Nigerian universities need to look inward and conduct research that would impact on the society.

Engr. Nwosa disclosed that universities need to identify demand-driven research that would lead to commercialization and generate income to the institutions.

APPOINTMENTS

(i) HOD/Directors

The Vice-Chancellor has approved the appointments of the following as HOD and Directors for a period of one year each with effect from October 1, 2015, while Dr. Abdulkareem is for two years with effect from October 1, 2014.

1. Dr. J. A. Ojekunle, as Head of Department of Transport Management Engineering.
2. Dr. K. C. Bala, Department of Mechanical Engineering as Director, Centre for Preliminary and Extramural Studies (CPES).
3. Dr. A. M. Adamu, Department of Mathematics/Statistics as the Acting Director, Information Technology Services (ITS).
4. Dr. A. S. Abdulkareem, Department of Chemical Engineering as Director, Centre for Genetic Engineering and Biotechnology (Step-B Funded Centre of Excellence).

(ii) Visiting

The Vice-Chancellor has approved the appointment of **Prof. Bashiru A. Raji**, Vice-Chancellor, Fountain University, Osogbo, Osun State as a Visiting Professor in the Department of Soil Science and Land Management, School of Agriculture and Agricultural Technology (SAAT) for a period of one year with effect from the date he assumes duty and **Dr. Yusuf Ibrahim Tunde**, Department of Civil Engineering, University of Ilorin, Kwara State as Senior Lecturer in the Department of Civil Engineering, School of Engineering and Engineering Technology (SEET) for the period of 2016/2017 session.

Similarly, the Vice-Chancellor has approved the renewal of appointment of **Arch. Muhammad Dzuru Baba** as a Visiting Lecturer in the Department of Architecture, School of Environmental Technology (SET) for a period of one year with effect from April 5, 2016.

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WEDDING CEREMONIES

Prof. (Mrs.) **Akanya** of the Department of Biochemistry, cordially invites the University community and the general public to the wedding solemnization of her daughter, **Victoria Ninmo Akanya** with **Adams Adah Otakwu**, which will by God's grace take place as follows:

Date: Saturday, April 2, 2016

Time: 10:00am prompt.

Venue: Chapel of Grace, Federal University of Technology (FUT), Minna, Niger State.

Reception follows immediately at Special TETFUND Project Hall, School of Technical Education, College of Education (COE), Minna, Niger State.

Traditional

Date: Friday, April 1, 2016

Time: 7:00am prompt.

Venue: No. 1, Shalom Street, Pyata Road, Bosso, Minna, Niger State.

Mr. **Konyeha Sylvester Monday** of Centre for Open Distance and e-Learning (CODeL), cordially invites the University community and the general public to his wedding ceremony with **Aliratu Onoja** of Ubokpo Ojogobi Ankpa, LGA, Kogi State, which will by God's grace take place as follows:

Date: Saturday, March 26, 2016

Time: 10:00am prompt.

Venue: Abuja Municipal Area Council (AMAC) Registry, Area 10, Garki, Abuja.

Reception follows immediately at Joseph Court Hotel & Suite, Plot 185, Abacha Road, Beside Football Field, Mararaba.

Traditional

Date: Friday, March 25, 2016

Time: 2:00pm prompt.

Venue: Alhaji Idris Onoja's Compound, No. 69 Nyanya Extension, Gbagalape, Before Police Station, Abuja.

Money Matters

Weekly Financial Digest (Monday, March 7 – Friday, March 11, 2016)

N/S	RECEIPTS	₦
1	Student Clearances Fees	33,500.00
2	Collection of Certificate	681,500.00
3	Academic Transcript Fees	250,000.00
4	Turnitin	57,000.00
5	Penalty Fees	34,300.00
6	Renewal of Association	20,000.00
7	Semesterial Result	6,200.00
8	Verification/Confirmation of Certificate	10,000.00
9	Add & Drop	4,000.00
10	Commercial Activities	10,500.00
11	Letter of Introduction	1,000.00
12	JAMB Reg. No.	15,000.00
13	Proficiency in English Language	6,000.00
14	Replacement of I.D Card	2,500.00
15	Campus Radio	146,665.00
16	Postgraduate School Fees	1,858,000.00
	TOTAL RECEIPTS	3,136,165.00
	PAYMENTS	
17	(i) Staff	
	(a) Advances	12,026,142.62
	(b) Refund	5,934,646.00
	(c) Staff Training	6,166,666.66
	TOTAL PAYMENTS	24,127,455.28

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CONDOLENCE

The Registrar has on behalf of Council, Senate, Staff and Students of the Federal University of Technology, Minna condoled Maryam M. Mahmud, Dean's Office, School of Life Sciences, over the death of her father, which sad event occurred on Thursday, February 25, 2016.

May his gentle soul rest in perfect peace.