

ISSUE: 10 (December, 2021)

CRIN Hosts HORTSON Conference



Cocoa Research Institute of Nigeria hosted the 39th Annual Conference of the Horticultural Society of Nigeria (HORTSON) from 14 to 18 November 2021. The Theme of the Conference was: "The Role of Horticulture in Food Security and

Sustainable Health in Era of Climate Change and Covid-19 Pandemic." The occasion was a roll call of who-is-who in Horticultural Research in Nigeria. The attendance to the conference cut across the Universities. Research Institutes and Industries. The serene landscape of the Institute provided a veritable platform for cross pollination of ideas between the town and gown. The CRIN Executive Director (ED), Dr. Patrick Adebola, welcomed the President-in-Council (PIC), Horticultural Society of Nigeria, Dr. Usman Ibrahim, the keynote speaker, Prof. A.O. Fatunbi, guests and participants to the conference. He noted that the new era and notable peace in the Institute afforded us the opportunity to host the conference after the last one was held 21 years ago. The page charges and conference registration fees of all CRIN Scientists that are first authors were duly covered by the Institute. The various technical sessions afforded the scientists the opportunity for presentation of papers and learning from colleagues. In recognition of the enviable leadership style of the CRIN ED, Dr. Adebola Patrick, the Council of HORTSON awarded him a title of Fellow of HORTSON, which is the highest award of the Society. In

the same vein, Dr. R.R. Ipinmoroti of CRIN was elected as the new HORTSON President-in-Council, while Mrs E.A. Adeyemi was elected as the Coordinator, Fruits.



Decoration of CRIN ED as Fellow HORTSON



Presentation of Award of Fellow HORTSON to CRIN ED, Dr. Patrick Adebola FHSN



Cross section of Participants at the CRIN-hosted HORTSON Conference



Horticulture is a Notable Solution for Improved Food Security in Nigeria



In his address at the concluded 39th Annual HORTSON Conference. the President-in-Council (PIC), Horticultural Society of Nigeria, Dr.

Ibrahim,

Usman

heartily thanked the CRIN ED, Dr. Patrick Adebola, who is also a Fellow of the Society, for hosting year 2021 Conference. He stated that the theme of the conference is coined taking into consideration the increasing demand for horticultural crops and the pressing needs for prevention and treatment of communicable and nondiseases. communicable The Covid-19 pandemic is putting diets and food security in jeopardy around the world with markets, affordability, and access to healthy and nutritional food out of reach. Evidence shows that horticulture is a notable solution for improved food security. Foods such as fruits, vegetables and spices play key roles in the health and well-being of families and communities. Sustainable horticultural production aims to produce nutritious and healthy foods, while reducing negative environmental impacts, conserving natural resources, and enhancing healthy ecosystem services. Stressing further, he stated that climate change, environmental degradation and stagnating yields threaten crop production and world food security. It is now recognized that the enormous gain in production agricultural and productivity achieved through the green revolution were often accompanied by negative effects on agriculture's natural resource base. These negative effects are so serious that they jeopardize its productive potential in the future. It is also clear that the current food

production and distribution systems are failing to feed the world. Given the current and the increasing future challenges to our horticultural crop supply and to the sustainable environment, horticultural production is emerging as major priority for policy makers and international development partners. He averred that it is HORTSON's role, as horticulturists, to provide farmers with adaptable and relevant technologies, and ensure that governments provide them with enabling policies, infrastructural and institutional support. In order for HORTSON to champion the needed changes, the PIC noted that the society have developed a strategic plan which will cover 2020-2027, when the society will be 50 years old (1977-2027). The Society have also developed a draft document for a proposed "Council for Regulation of Horticulture (CORHORT) in Nigeria". This document has been reviewed by various stakeholders. A copy of the draft document is being circulated for review, corrections, and observations. You can send all your observations to info@hortson.org.ng. The Society is proposing to organize a National Summit that will bring all horticulturists in Nigeria together to discuss the way forward and to form a national technical review and implementation committee for CORHORT. The date for the summit will be communicated. The Society have also developed partnerships with many organizations that include key the International Society for Horticultural Science; American Society for Horticultural Science; Public American Garden Association: Aariculture Nutrition Community to of Practice; Agriculture, Nutrition and Health Academy; Longwood Gardens; Federal and State Ministry of Agriculture and Private Agricultural Companies in order to further the Society's ambition____of enhance horticultural and agricultural development in Nigeria.

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Research and Development: A Key to Increasing Agricultural Productivity



The Executive Secretary (ES) ARCN. Prof. Garba Hamidu Sharubutu presented the lead paper at the Plenary Session of HORTSON's 39th Annual Conference held

CRIN recently. In his presentation, at delivered by the Acting Executive Director of National Horticultural Research Institute (NIHORT), Dr. Ephraim Nwanguma, he stated that agriculture is the singular most important sector that can transform the economy of our great country to meet the growing demands for food, nutrition, industry and jobs. It forms the bedrocks for the diversification and economic recovery plan of the Federal Government and plays critical roles in the livelihoods of many individuals in Nigeria. The population of Nigeria presently stands at 200 million and by 2050, it will increase to 450 million. This will bring imbalance between agricultural productivity and the population growth rates, which may exacerbate widespread food insecurity and poverty. Accordingly, increase in agricultural productivity is the key determinant to alleviate the foreseen circumstances and positively transform socio-economics and livelihoods of Nigerians farmers. In his presentation on the current state of agriculture in Nigeria, Prof. Sharubutu stated that crop production is the largest segment of Nigeria's agriculture, which accounts for about 87.6% of the sector's total output. This is followed by livestock, fishery and forestry at 8.1%, 3.2% and 1.1%, respectively. Agriculture remains one of the key sectors in Nigeria, contributing an average of 24% to the nation's GDP over the past seven years. In addition, the sector employs more than 60% of the country's

labour force and more than 80% of Nigeria's farmers are smallholders, which accounts for 90% of Nigeria's agricultural produce. Agriculture budget is only about 1.8% of the total national budget size, which significantly falls short of the 10% specified in the Maputo Declaration. Nigeria's agricultural trade deficit stood at N689.7 billion in 2019 compared to N549.3 billion in 2018, while Nigeria's cumulative agricultural imports stood at N3.35 trillion, four times higher than the agricultural export of N803 billion between 2016-2019. On the concept of Agricultural Research System in Nigeria, he asserted that the Agricultural Research Council of Nigeria (ARCN), established in 2006, coordinates and supervise agricultural research, training and extension in Nigeria. The mission of ARCN is to achieve significant improvements in agricultural productivity, marketing and competitiveness through generation of appropriate technologies, policy options and knowledge management of the agricultural research svstem. National Horticultural Research Institute, Ibadan, is one of the sixteen Agricultural Research Institutes under the purview of ARCN and has the national mandate for research in horticulture. On the general concept, the ES submitted that Research and Development (R&D) creates new or improved technology that in turn can be converted into a competitive advantage at the business, corporate, and social levels. The R&D activities include basic research. applied research and experimental development, and it is the first stage of the product lifecycle during which a product team will conceptualize and assess the viability of a new product. The ES commended the scientists for actively seeking to discover procedures that will increase livestock and crop yields, improve farmland productivity, reduce losses due to diseases and insect pests, develop more efficient equipment, and increase overall food quality, amongst others. He summed up that R&D is the key driver to increasing agricultural productivity in Nigeria.





Leveraging the Benefits of Horticultural Production System for Food and Nutritional Security in Nigeria



In his keynote address at the 39th Annual Conference of HORTSON, Prof. A.O. Fatunbi of the Forum for Agric. Research in Africa (FARA), opined that food insecurity is a major global problem

with multidimensional causes and effects. Global statistics on food insecurity indicated that about 690 million people at the global level do not have sufficient food, and about 95% of these individuals reside in the developing countries of the world, mainly in Africa and Asia. The state of hunger in Africa is a precursor of many other health and social problems; civil disturbances, violent crime, dangerous migration, and other social vices, directly and indirectly, link hunger and food insecurity. Prof. Fatunbi defined food security "as a situation when all people, always, have physical, social, and economic access to sufficient, safe, and nutritious food that meets their dietary needs and food preferences for active and healthy life." He brought out four interrelated elements in this definition which includes: availability, access, utilization, and stability; each of the elements is a composite of issues. While availability refers to the physical presence of food for consumption, it encapsulates the issues of quantity, quality, diversity of food. It also covers the primary issues of maintaining a productive farming and management of natural system resources. Access refers to the ability of users to obtain food physically; it covers the issues of market access for producers and consumers, the cost of production, and retailers' price for food items; in other definitions, this is referred to as affordability.

Utilization covers the issues of diversity and nutrient quality in the right proportion to meet the body's needs for a healthy life. Implicit in this is also the base issues of processing, packaging, and storage to retain quality. Stability covers the need always to have a regular supply of food, irrespective of the seasonal variation in production. The need to ensure constant supply to prevent the forces of demand and supply from shooting up the consumer's price. Prof. Fatunbi further explained that the notion of nutritional security was added to food security issues. He, therefore, referred nutritional security to "access to food with adequate quantity and number of nutrient elements in a balanced form to meet the need of the body for a healthy life." The world committee on food security thus gave a broader definition of food and nutritional security as a state "when all people, at all times, have physical, social and economic access to food which is safe and consumed in sufficient quantity and quality to their dietarv needs and food meet supported preferences, and is by an environment of adequate sanitation, health services and care, allowing for a healthy and active life". Prof. Fatunbi opined that the need to foster the availability, accessibility, and affordability of nutrient-dense food is vital to resolving Nigeria's food and nutritional security. The bulk of these food commodities falls under the horticultural crop category, and they are produced and marketed bv smallholders in negligible quantity. Prof. Fatunbi suggested a functional production system for horticultural commodities using the agricultural innovation systems approach that significantly enhance could food and nutritional security in Nigeria. Policy action to trigger the desired change will include investment in research, advocacy, and awareness creation around the consumption of underutilized indigenous commodities.



ARCN News

A Grand Slam Milestone in the Nigerian Veterinary and Medical Association



The renowned Executive Secretary (ES), ARCN, Prof Garba Hamidu Sharubutu mni has been as appointed а Member, Board of Trustees of the former National

NVMA. He was the President, Nigerian Veterinary and Medical Association (2005-2009), and was also a former President of the Veterinary Council of Nigeria (2013-2017). According to Kayode I. Aiyedogbon, Head, Protocol and Publicity at the Council, Head, Protocol and Publicity at the Council, the ES expressed regret for his inability to personally attend the annual conference that was just held in Benin, Edo State due to exigencies of work as it was the same time as the annual budget defense exercise at the National Assembly but he was ably represented by Dr. Matthew Shinkut among other staff of the Council who received the award on his behalf. Hearty congratulations to our indomitable, dogged and dynamic ES.

Oversight Visit of House of Representatives Members to ARCN

In what is regarded as one of her statutory functions, the House Committee on Agriculture, Colleges and Institutions paid a scheduled visit to the Council on November 2, 2021 to conduct an over sight exercise. Kayode I. Aiyedogbon, Head, Protocol and Publicity at the Council, reported that the Committee was led by its Chairman, Hon. Munir Babba Dan'agundi, who remarked on ARCN amended bill 2021, which the according to him, is geared towards making progress in the agricultural research sector. He further noted that he is aware of the progress being made by other countries of the World which was benchmarked and adopted by Nigeria in order to bring about a lot of changes that will endure the test of time. Hon. Dan'agundi, however, assured that some of the changes that would be seen will be beneficial to the Country and the World at large. In his welcome speech, the ES of ARCN, Prof. Garba Hamidu Sharubutu mni, reeled out some of the recent activities of the Council as follows: Passage of amended bill; Distribution of extension teaching materials under AROC project; Improved Coordination; Establishment of ARCN Museum, Radio/TV and e-library; and Provision of CARGS Grants amongst others. The ES also mentioned the advantages of the new bill to include but not limited to the following: Laws establishing the FCAs and the new one; The possibility of equal distribution of staff across all NARIs and FCAs; Power to set up spin-off companies; Establishment of a single Council Governing Board; and Appointment of CEOs of NARIs and FCAs and amongst others. At the end of the briefing, the House members were conducted round the new Council building to inspect all the newly installed facilities.





Conferment of Award as Fellow Agricultural Society of Nigeria on ES



As the saying goes, a golden fish has no hiding place as the Executive Secretary of ARCN has once again been identified by the Agricultural Society of Nigeria (ASN) for his service to humanity, the agricultural society

and the research profession, and was recently conferred with the Honorary Award as Fellow Agricultural Society of Nigeria (FASN) at the 54th Annual Conference held at Ebonyi State on November 14, 2021. According to Kayode I. Aiyedogbon, Head, Protocol and Publicity at the Council, the ASN team was led by the President of the Society, Mohammed Dr N. Ishaq and was accompanied by the treasurer, Prof. Ahmed Njidda. In his acceptance speech, the ES was full of appreciation to the team and the Society for finding him worthy of such a noble award and promised to be her good ambassador. Present during the award ceremony was the ARCN Governing Board Chairman, Hon (Barr.) Adetunji Ajagbe and a Board Member, Dr Bala, as well as some management staff of the Council.



The Award Presentation to the ES

Hon. Minister of Agric. Visits ARCN



In what can be termed as kind а gesture, the Honourable Minister and of Agriculture Rural Development, Muhammad Dr. Mahmood Abubakar, paid a familiarisation visit to the Agricultural Research Council of Nigeria

(ARCN) on November 15, 2021. The Hon. Minister expressed delight in seeing a large turnout of staff welcome him and observed their compliance to the COVID 19 protocols by wearing nose masks. The Hon. Minister assured that the Federal government will not just sit and watch food prices skyrockets as measures are in place to ensure that the prices are stabilised before the end of the year. Dr Abubakar also hinted that the Ministry is working with some international organisations to improve the sector in order to enhance food production that will be sufficient for the Nigerian growing population. In his words, "we are doing everything possible to bring up some stimulants that can bring down the food prices". The Hon. Minister, however, hinted that the Growth Enhancement Scheme GES will be brought back soon having identified how to make it work better. In his welcome remarks, the Executive Secretary (ES) of ARCN, Prof. Garba Hamidu Sharubutu mni, welcomed the August visitors and pledged that the Council is ready to support the Ministry in order to ensure the provision of necessary input for security, poverty eradication food and diversification of the economy. The ES acknowledged the fact that various NARIs have made giant strides in developing technologies emerging that will tackle diseases and pests which, according



to him, "have changed the direction of our research from basic to demand driven agricultural research and technologies as most of the researches are now responding to the yearnings of the stakeholders." The ES recalled when there were cases of army worms on maize farms, pest attack on beans as well as Tuta absoluta on tomatoes, "our research institutes have been able to find solutions to these pests and insects, and that is the demand driven agricultural research initiatives". In conclusion, the ES stated that researchers are making efforts to incorporate nutrients into crops in order to improve the nutritional components of crops. Thereafter, the Hon. Minister was led on a guided inspection of the ongoing finishing touches at the new building due for commissioning on November 22, 2021.



Group photograph during the visit

ARCN Communication Centre Commissioned



In what was an epoch making occasion and landmark achievement, the Hon. Minister of Agriculture and Rural Development, Dr Muhammad Mahmood

Abubakar, on Monday 22nd November, 2021 inaugurated the ARCN Radio and Television studios at the Council's headquarters in Abuja. Also inaugurated were the Museum



E-library; and while extension teaching materials were distributed to 11 NARIs, FCAs and some secondary schools within the FCT by the Hon. Minister with the Executive Governor of

Plateau State, His Excellency, Simon Bako Lalong in attendance. In his submission, the Hon. Minister acknowledged the fact that the official inauguration of the world class facilities comprising digital museum and documentation would facilitate referencing agricultural research information and knowledge. The e-library would aid research by providing greater access to recent advancement in agricultural science, while the television and radio stations will link millions of Nigerians to first hand agricultural information. The Hon. Minister directed that all adopted villages and outreach centres be activated in order to drive the

Ministry towards strengthening



extension system in the Country. Delivering his welcome address, the ES, Prof. Garba



Hamidu Sharubutu mni disclosed that the establishment of the Communication centre is to improve food production and ensure reduction in cost of food across the country. Prof. Sharubutu who frowned at the rate of production and post-harvest losses faced by farmers

across the country, attributed the challenge to lack of adequate information on how to prevent such occurrences. According to him, availability of such communication the facilities will aid farmers on how to guide against such challenges and boost production. The ES decried the difficulties farmers experienced in the past to have access to agricultural information that would keep them abreast of latest information and technologies to boost their production. The implications of the radio station, according to the ES is that, there will be more air time and question and answer sessions, where the Institutes would be able to bring solutions to the door steps of the farmers. With this development, according to Prof. Sharubutu, there would be improved productivity and reduction in price of food stuffs. In his remarks, the Special Guest of Honour, the Executive Governor of Plateau State, Simon Bako Lalong, described the commissioning as a historic event that fits into President Muhammadu Buhari's vision to make agriculture the mainstay of the economy. Commissioning of this edifice, according to Gov Lalong, "is a revelation that life is coming to our farmers, and darkness will soon depart from our agricultural sector". In his words,



Gov. Lalong decried "our inability to give proper research attention and time, induce and our capacity to go into large scale farming and deploy modern technology. make many of our farmers to still lack access to improved seedlings and hold on to old farming practices".

According to the

Head, Protocol and Publicity, ARCN, Kayode I. Aiyedogbon, dignitaries who gave keynote addresses were Senators Abdullahi Adamu, Chairman Senate Committee on Agriculture and Abdullahi Sabi as well as Hon. Munir Babba Dan-agundi, Chairman House Committee on Agriculture, Colleges and Institutions.

Capacity Building Workshop on Cashew Post-Harvest Handling, Processing and Marketing

The workshop was organized on November 9, 2021 by the Federal Ministry of Agriculture and Rural Development (FMARD), Abuja on Cashew post-harvest handling, processing and marketing; and was held at the Conference Hall of National Orientation Agency Benin City, Edo State. The goodwill message was delivered by the Representative of Edo State Government, Mr Welington Omoragbor on behalf of people Government of Edo State. and He appreciated the organizers and requested that such training should be taken to the farming communities of the State



rather than Benin City for a fuller participation by farmers and other stakeholders. In his welcome address, the representative of the permanent secretary FMA&RD, Mr Uthaka stressed the importance of postharvest handling and its implication on the marketing of the produce. He urged all participants to take full advantage of the training by putting into use the various things that will be taught at the programme. The Executive Director of CRIN, Dr. Adebola Patrick, represented by Dr. Olufemi Ibiremo, Director and Programme Leader (Cashew), delivered the goodwill message. The ED emphasized that the training is hinged on the improvement of the quality of cashew nuts in Nigeria, thereby improving the image of the nation. The lead speaker at the occasion was Dr. Akin Olagbaju from NSPRI, Ilorin, Kwara State. He spoke on 'Acceptable standards and norms for cashew post-harvest handling and storage techniques'. He highlighted the various techniques of post-harvest handling techniques and processing methods in cashew. The second paper was presented by Dr. Ibiremo on behalf of CRIN and he spoke 'Cashew nut quality control for on competiveness in regional and international market'. He gave detailed explanations on the various cashew quality parameters that will impact positively on the competitiveness of Nigerian Cashew. According to him, this includes: Pre-requisites for high quality Counts. Moisture cashew nuts. Nut content/humidity, Shelling-out-turn/KOR, Storage, Contamination control, Challenges to cashew quality standards in Nigeria and Measures to combat the challenges of quality RCN. Another speaker from the College of Agriculture, ABU, Zaria, Dr Omolola Etuk-Udor, spoke on 'Cashew and cashew products storage techniques'. After the

presentations, comments were taken from the audience in form of questions regarding the presentations. At the end of the programme, the farmers' representative appreciated the organizers, FMARD, and the various presenters. They requested for more of such training in the State particularly Edo North.



Dignitaries and some participating farmers

Enugu State APPEALS Team Visits CRIN

Enugu State Agro-processing, Productivity Enhancement and Livelihood Improvement Support Project (APPEALS) team visited the Institute on November 18, 2021 as a follow up to the Memorandum of Agreement and Action (MOAA) previously sent to the Institute on the 12 October 2021 for ratification and signing. The Team was led by Mr Ambrose Ezeamalu (Productivity Enhancement Specialist) and Mrs Chinenye Mmamel (Training Officer) and was received by the Executive Director (ED), Dr. Patrick Adebola.



The Executive Director (3rd right), APPEALS team and CRIN delegates



The ED assured the visitors of CRIN readiness to partner with Enugu APPEALS Project and to see to its success. The MOAA was considered page by page and all articles in the MOAA were carefully considered and necessary corrections were made before the final copy was obtained and printed for signing.

Alayunre of Idi-Ayunre Visits CRIN

His Royal Highness, Alayunre of Idi-Ayunre, Oba Muritala Salami Olumini (Oluokun 1), paid a familiarization visit to the Institute on November 9, 2021. Oba Olumini appreciated the CRIN Management for the development the Institute is experiencing under the new Executive Director, Dr. Patrick Adebola. He added that the ED had visited him twice, thus, his visit is also to reciprocate his kind gesture. He appealed that the CRIN management should continue their social responsibility to the community. He equally stressed that the relationship between CRIN and the community should be symbiotic, to this effect he requested that the Institute should not hesitate to beckon on him in any area where his intervention would be necessary be it land dispute matters and the likes. In his response, the ED, who was unavoidably absent at the meeting due to official assignment at Abuja, but was represented by Dr. A.O. Famaye, appreciated the King and his entourage for coming to the Institute. He assured the King of Institute's support and cooperation with the community. He solicited the King's support in tackling stealing of Institute's property which are perpetrated by members of the community. It was added also that the youth in the community should be sensitized to tame their youthful exorbitance as this is noticed in their activities within the community. The Royal Father was urged to maintain good relationship with the Men of the Police Force in order to ensure peace in the community and their assistance in wading off criminality in the community.

Furthermore, the King was informed of the benefits farmers in the community stand to enjoy in the Institute. He was informed that several information on CRIN mandate crops could be accessed by farmers within the community which will enhance better yield in their various farms. In his reaction, the King promised that he will call the meeting of all the Village Heads within the community and instruct them to warn their subjects to desist from act of stealing and other act of criminality that could disrupt peaceful coexistence of the community and the Institute. He prayed for more transformation under this present administration.



Oba Olumini (3rd right) and His entourage with some CRIN Management Staff

PhD Convocation Galore!

Four staff of the Institute convoked for their degree at the University of Ibadan (UI) on November 17, 2021. It was a celebration of the attainment of the highest academic qualification in University by the staff. The doctorate degree was awarded to Drs. Akinpelu, Adeosun and Iloyanomon in the Faculty of Agriculture while Dr. Ibe bagged the degree in the Faculty of Science. In the same vein, three of CRIN staff had their PhD convocation at the Federal University of Technology, Akure (FUTA) on 27 November, 2021. They were Drs. Adebiyi, Idrisu and Olorundare. Congratulations!





The awardee at UI (L-R): Drs. Akinpelu, Iloyanomon, Ibe and Adeosun



The awardee at FUTA (L-R): Drs. Adebiyi, Olorundare and Idrisu

Staff of the Month: Mrs. Adesola Onanuga

Mrs. Adesola Onanuga was born on 22 July, 1974 to the family of Elder and Mrs. Paul Adenubi in Lagos State. She had her elementary education at Ladi-Lak School, Bariga. Lagos. She attended Japara Comprehensive High School, Ijebu Igbo, Ogun State where she obtained West African School Certificate 1994. She in later proceeded to School of Nursing, Elevele, Ibadan for her Registered Nursing Training (RN) in 2000 and later to Oba Ademola II School of Midwifery, Abeokuta, Ogun State and obtained Registered Midwifery (RM) Certificate in 2002. She later attended School

of Hygiene, Eleyele, Ibadan, Oyo State where she obtained Certificate in Occupational Health and Registered Public Health Nurse



(RPHN) in 2015. In furtherance of her career pursuit, Mrs. Onanuga proceeded to the National Open University, Ibadan Campus, Oyo State where she obtained

Bachelor of Nursing Science (BNSC) Degree in January, 2015. Mrs. Onanuga joined CRIN as a Nursing Officer on 17 September, 2003 and rose to the present level as Chief Nursing Officer. Mrs. Onanuga has attended many inservice training over the years which include: Family Planning Certificate (2001);Mandatory Confirming Professional Development Programme (Medical-Surgery); Certificate Participation. of National Workshop on Liver Infection, Hepatitis and Cholera (2012); Certificate of Participation in Management of Tuberculosis through DOTS and TB-HIV - Damien Foundation (2018); Certificate in Efficiency and Performance Improvement (2019); Mandatory Continuing Professional Development Programme (Psychiatric and Mental Health Nursing). Mrs. Onanuga is happily married with children.

December Birthday Galore

Hearty birthday celebrations to the members of staff that will be celebrating their birthdays this month. Wishing you all the very best in your life endeavours. Congratulations!







Famaye Bosede Ogbechie Bukola E. Olugbade Lukman **Umoru James** Adesida Francis Babatunde Olaitan P. Sikiru Koro Ojelabi Azeez A. Adebusuyi Adesuyi Ogunsola Gbenga Wada Jibrin Ogunsola Grace B. Ibiyomi Peter Adewuyi Faithia Rafiu Olayide A. **Onipe Modupe** Atawodi Jibrin Salawu Morufu Okeniyi Michael O. Adejumo Adeniyi S. Bakare Rotimi A. Nathaniel Oguche Salami Theresa Sobamiwa Rashdat A. Oveledun Kehinde O. Solomon Olorunfemi Sanni Olayinka K. Zubairu Ahmed **Emmanuel Yakubu** Tijani Sadia Nwachukwu Anthony Mustopha Fatimah B. Igbinadolor A.J. Titiloye Maureen E. Akpan Edet **Thomas James** Ibrahin Tajudeen O. Agwimah Emmanuel O. Nya Emen O. Oduola Adenike O. ljeoma Juliannah N. Mari Augustine Osho Victoria O. Adedeii Abiodun R. Abah Janet

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Ademola Adewale lyeh Moses Olatunji Patricia O. Oyelami Roseline A. Ajayi Bunmi O. Alaran Iyabo Okorie Chimerue J. Adekanbi Olusegun Ikpefan Patrick A. Onipe abiodun O. Agbeniyi Funke Musa yahaya A. **Oguntade** Dolapo Sunmoni Abiodun L. Uwagboe Eghosa Ogbeide Edugie C. Ayanwole Samuel A. Lukman Fausat O. Taiwo Abiodun Ajavi Abiodun A. Bakare Bose H. Ogar Peter O. Lasis Saidi Ayiba Emmanuel T. Obiazi Mabel Nwefuru Nwaonu Osikoya Timileyin P. Oke Safuratu John Mary Ugwu Chinweike A. Atanda Tairu A. Abiade Bilikis O. Adesida Adewunmi S. Oladokun Abiodun Ajewole Abiodun O. Ibrahim Noah Jesse Mbonyel Abiodun Ezikel Amedu Achonu Ugwu Paulina Miku Genesis

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