



CRIN Herald

A MONTHLY PUBLICATION OF COCOA RESEARCH INSTITUTE OF NIGERIA (CRIN), IBADAN.

ISSUE: 15 (May, 2022)

CRIN Strategic Management Retreat



The Executive Director (ED) of the Cocoa Research Institute of Nigeria (CRIN), Dr. Patrick Adebola, in his quest to continue to build a management team that will be able to support the Institute in its drive to sustain its vision and mission, facilitated a 2- day highly

intensive management retreat from Thursday, March 3 to Friday March 4, 2022 in an off-site location in Conference Hotel, Sagamu, Ogun State. The Institute contracted ABNIF Professional Services to plan and implement this retreat. The theme of the retreat was: **“Strategy planning, implementation and management”**.

The objectives of the retreat were to build the capacity of CRIN management team to: i) review, redefine and reset the strategic vision and mission statements of the Institute; ii) design a strategic plan document that will drive the expected achievements; iii) assess performance and development key performance indicators that will help to track, monitor, and measure performance and iv) address the issue of funding and develop other sources that can enhance the financial capacity of the Institute.

At the end of the retreat, the management team was able to review CRIN vision and mission statements to align with current realities. The vision is: ***To be a centre of excellence of international repute in the research and development of Cashew, Cocoa, Coffee, Kola and Tea.*** Our mission statements are: a) *To apply science and technology in increasing productivity, improving quality and value addition of Cashew, Cocoa, Coffee, Kola and Tea;* b) *To*

disseminate research findings through extension services and capacity building of stakeholders towards enhancing national development. Please visit the CRIN website daily to be kept abreast of valuable information at: <https://crin.gov.ng/>





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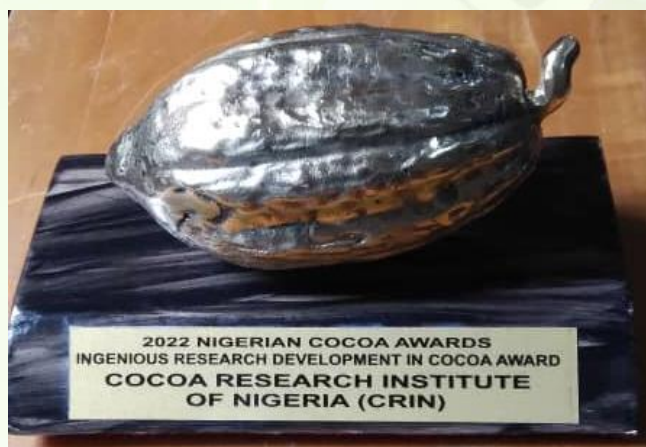
Also, the management team was able to formulate a SMART (Specific, Measurable, Achievable, Realistic, and Time bound)

strategic plan that will bring laudable development to the Institute.



CRIN Management Team at the Strategic Management Retreat in Conference Hotel, Sagamu

CRIN Shines at EKO Chocolate Show: Received Award of Excellence



Eko Chocolate Show was organised by His Royal Majesty (HRM), Oba Dokun Thompson, the Oloni of Eti-Oni from 7 to 11 April, 2022. The Institute was ably represented by the Director of Production and Substation, Dr. Moses Ogunlade; the Director of Value Added Research (VAR), Dr. Yinka Jayeola and Head of Crop Improvement, Dr.

Ann Muyiwa. The cocoa award night took place at Sheraton Hotel, Victoria Island, Lagos.

The Nigerian cocoa award was established in 2017 as an annual event as part of cocoa renaissance initiative of Eti-Oni and Queen Angelique-Monet of Eti-Oni. The award was in recognition and appreciation of several individuals, private and public organisations, Institutions or NGO who have contributed towards the development of cocoa in the country. This was geared towards sensitizing the recipients and others to do more to develop the local cocoa culture and economy that would subsequently transform cocoa producing communities and bridge the gap with consumption regions.

The process of award was through open nominations by the stakeholders including the farmers and consumers of cocoa





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products. There were different categories including a lifetime personal contributions to cocoa development award as well as cocoa renaissance in Nigeria award.

CRIN was given award of ingenious research development in cocoa in Nigeria. The award was given in recognition of the Institute's work in the area of cocoa production and value chain development in the country. Firstly, the development of twelve cocoa hybrids diverse genetic base which are early bearing, high yielding with very low input, resistance to major pests and diseases of cocoa, highly adaptable to cocoa ecologies of Nigeria and have very good cocoa quality traits was a major breakthrough. Secondly, the research and development of several



cocoa products and beverages which are now in commercial production and creating

additional jobs and openings for several opportunities was highly commendable. The award was received by Dr. Ogunlade on behalf of the Executive Director CRIN, Dr. Patrick Adebola.



Toast with CRIN Cocoa Wine

Presentation of Trophies by RIGAN Contingent



The 17th edition of the Research Institute Games Association of Nigeria (RIGAN) held at the Raw Materials Research and Development Council (RMRDC), Abuja from March 12 to 19, 2022 has come and gone, but the glory still reverberates in the Cocoa Research Institute of Nigeria. On April 5, 2022, the contingent formally presented the trophies to the palpable admiration of the management and staff of the Institute and delegation from the Institute of Agricultural, Research and Training (IAR&T) who are RIGAN executives. The Executive Director, Dr. Patrick Adebola, welcomed the contingent with his arms wide open. He expressed his deep appreciation of the feat achieved by the contingent within a very short preparatory span. The ED used the forum to solicit for hosting right of the next edition of the meet. He promised to wield all the men and material resources that would be needed to execute the event. The members of the contingent could not hide their excitement as they





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showered praises on the ED, the man that made it all happen.



The visibly excited contingents

Unveiling Ceremony of New CRIN SSAUTHRIAI Vehicle



The Executive Director, Dr. Patrick Adebola, and his indefatigable management team members have been unrelenting in putting smiles on the faces of the members of staff. In the magnanimous gesture of the ED, he handed over various brands of jeep to each of the three in-house Unions of the Institute. On April 5, 2022, the Senior Staff Association of Universities, Teaching Hospitals, Research Institutes and Associated Institutions (SSAUTHRIAI) formally unveiled their tastefully refurbished Landwind Jeep. The union members, led by their Chairman, Prince Adeyemi Abioye, deeply appreciated the Board Chairman, Alhaji JAO Abdulahi, the Executive Secretary of ARCN, Prof. Garba Hamidu Sharubutu mni, the Executive

Director, Dr. Patrick Adebola, Dr. S.O. Agbeniyi, and Dr. A.O. Famaye for the enabling roles they played towards the actualisation of the struggle to own union vehicle. The ED, who could not hide his excitement, appreciated the union executives for their swift efforts towards putting the vehicle in order; he was on hand to unveil the refurbished vehicle.



Front, side and back view of the vehicle





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ARCN News

Celebration of the ES ARCN Second Year in Office



This is to appreciate God in the life of our indefatigable, irrepressible and workaholic Boss, Prof. Garba Hamidu Sharubutu mni

as he marked his Second Year Anniversary as the Executive Secretary of Agricultural Research Council of Nigeria (ARCN). Hearty congratulations Sir!

Courtesy Visit of the DG NASC



The Director General (DG) of National Agricultural Seed Council (NASC), Dr Phillips Olusegun Ojo on Wednesday March 9, 2022 paid a courtesy visit to the Council where he held a meeting with the ES, Prof. Garba Hamidu Sharubutu mni. After the brief meeting, the DG was conducted round the Dist. Sen. Abdullahi Adamu Communication Center which includes the Reference Museum, e-library as well as the ARCN Radio/TV studios. At the TV studio, Dr Ojo canvassed for the activities of the Seed

Council to be adequately aired while encouraging all stakeholders and members of the public to keep watching ARCN TV. Earlier, the ES, Prof. Sharubutu had explained efforts being made to generate more contents for the broadcast stations as could be found on Nigcomsat channel.

(Report by Kayode I. Aiyedogbon, Head, Protocol and Publicity)

Low Yield: CRIN Trains Cashew Farmers on Best Farming Practices



Disturbed about the low yield regarding cashew production in Nigeria, the Cocoa Research Institute of Nigeria (CRIN) has trained 100 cashew farmers across Kogi State. The training,

which was held in Kabba on 27 April, 2022, was carried out in conjunction with the Nigerian Export Promotion Council (NEPC). The training featured various sessions where cashew farmers were trained on best practices for cashew along the value chain.

The Executive Director (ED) of CRIN, Dr. Patrick Adebola, expressed that the training was targeted at updating cashew farmers' knowledge on ways to boost production and improve yield quality to meet international standards and generate more income. The ED opined that having well-informed cashew farmers will increase the nation's Gross Domestic Products (GDP), foreign exchange earnings from the sales of cashew nuts, and reduce the nation's over-independence on crude oil.





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The Director in charge of Training, Dr. Sunday Agbeniyi urged cashew farmers to see farming as a serious business. He stated that

there were so many uses of cashew and agricultural practices in cashew production which many cashew farmers were ignorant about; hence they were not making enough money as expected. He bemoaned the fact that there was too much focus on cashew nuts, neglecting the juice, oil, butter and other by-products that could be derived from cashews. "Aside poor information about good agricultural and business practices, cashew farmers also grappled with poor equipment needed to optimize cashew production." He noted that the training underscore the importance the Federal Government placed on agriculture, especially as regarded cash crops.

Mrs. Amina Abdulmalik, the Kogi State Chairman, Nigerian Export Promotion Council, urged farmers in the state to rise up and become involve in the exportation of their produce. Mrs. Abdulmalik, who was represented by Mr. Edu Paul, stated that the state lack exporters in the agricultural sectors, calling on the farmers to update their knowledge through the training on the proper procedure of documenting their produce for exportation.

The State Commissioner for Agriculture, Mr. Jacob Apeh, who was represented by Mr. Akor Gabriel, urged the farmers to take the training seriously as Nigeria is fast moving from oil dependency to non-oil dependency; where agriculture will play a critical role. The Hon. Commissioner stated that "the era of oil has gone; farming is Nigeria next "Oil"."

Former Chairman, National Cashew Association of Nigeria, Kogi State, Elder Sule Ochala said the training has helped them to understand various methods of tackling the low yield experienced in the cashew farming and how to improve on their production. Aside that, he said the training has enlightened them on how to optimize cashew farming to make more money.

The participants were later presented with the certificate of attendance at the end of the training.



Training in session



Cross section of the participants





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Training of Cashew Farmers on Cashew Juice and Meat Production from Cashew Apples by VAR Scientists

A team of Research Scientists from Value Added Research (VAR) Department of the Institute embarked on a week training programme aimed at addressing the post-harvest wastages and under-utilization of cashew apples among cashew farmers. This trend has become worrisome as much attention is placed on the nuts, while the apples are left to waste away in the farm. Furthermore, there is lack of knowledge and skills in the processing and post-harvest handling of cashew apples by farmers.

To address this, training of cashew farmers in some selected States in the South West on the technology for the production of cashew juice and cashew meat from cashew apples was carried out to further educate and sensitize cashew farmers on the benefits that are derivable from cashew apple. The scientists include – Dr. (Mrs.) Jayeola, C.O, Dr. Yahaya, L.E and Dr. Richard Igbinalolor while Mr. Adesokan, M.A took charge of the extracting machine.

The training was done on-farm in the farmers' cashew plots. The first point of call was at Alaropo-Nla village in Orire local Government area, Ikoyi ile in Ogbomoso where cashew farmers were taught on the nutritional composition of cashew apples, the health



benefits, products derivable from the apples and training on the use of CRIN fabricated cashew juice extracting machine to express the juice from the apple. This was processed and bottled to make cashew

juice.

Training of cashew farmers at Odo-Ogun cashew farm in Iseyin Local Government Area comprises of cashew farmers from

Itesiwaju, Ibarapa, Atisbo and Kajola, respectively. On-farm demonstration and training was also carried. Farmers were also taught on the technology for the production of cashew juice and meat from cashew bagasse and its health benefits for vegetarians. The training was also extended to cashew farmers at Irewole-Aroje in Saki area of Oyo State.



Cashew juice extraction

This training of cashew farmers on cashew juice and meat production will create various opportunities to increase farmer's income, make rural economies stronger, help in creating raw materials for industries, improve food nutrition due to Vitamin C content in cashew apple and reduction of wastages associated with cashew apples.



Group photograph with farmers





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Best Agricultural Practices and Safe Use of Pesticides on Cocoa

Cocoa Research Institute of Nigeria (CRIN) in collaboration with the Nigerian Export Promotion Council (NEPC) trained one hundred (100) Cocoa farmers in Cross River state on Best Agricultural Practices and Safe Use of Pesticides on Cocoa on March 31, 2022. In attendance were the Honourable Commissioner of Agriculture Hon. Okon A.O., Cross River State, represented by the Director of Tree Crop, Mr John Abam Iwawa; State Trade Promotion Advisor, Calabar Export Assistance Office (NEPC), Mr Osas Omorogbe represented by Mrs Adeneye Sylvia; the Executive Director CRIN, Dr Patrick Adebola represented by Director (Training), Dr Sunday Agbeniyi; Cocoa Farmers Association of Nigeria (CFAN) State Chairman, Chief Gabe Odu Oji; Cocoa Association of Nigeria (CAN) Chairman, Mr EJOR BISSONG represented by Pastor E. Daniel; cocoa farmers and resource persons from CRIN: Dr. A.O. Famaye, Dr. M.O. Ogunlade and Dr. Anna Muiyiwa. Cross River Broadcasting Corporation covered the event.

The training was designed to help farmers boost production and enhance quality. The ED of CRIN expressed concern over the low value attached to Nigeria's commodity by European traders, blaming it on wrong application of pesticides. He told farmers to adopt safe use of pesticides on cocoa in order to avoid rejection of Nigeria cocoa beans in the international market. He emphasized that the knowledge disseminated, being adhered to by cocoa farmers, will enable achievement of minimum residue limits (MRLs) in the incidence of pesticides residue and ensure that Nigeria exportable cocoa beans meet require international food safety requirement standard. The Director Training, Dr S.O. Agbeniyi took a session on Responsible

Pesticides Use on cocoa and also a demonstration on proper spraying method. The Director (Production and Substation), Dr M.O. Ogunlade, trained the participants on Integrated Soil Fertility Management, while the Director Farming System Research (FSR), Dr A.O. Famaye, explained in detail on Cocoa Nursery and Field Establishment. Dr. Anna Muiyiwa also taught farmers on best practices of Cocoa harvesting and fermentation.

The trainees representing cocoa farmers under CFAN and CAN were drawn from all the Local Governments in Cross River State where cocoa is being grown, that is, Etung, Boki, Ikom, Arong, Obubra, Yala, Bokwarra, and Odukpan.



Dr. Agbeniyi and other dignitaries at the event



Participants at the training





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A cross section of participants with the facilitators

Distribution of Motorcycles



To alleviate the difficulties in traversing the vast terrains of the Institute, especially the plantations, our amiable ED, Dr. Patrick Adebola, graciously purchased ten brand new motorcycles.

These were distributed to various arms of the Institute including all the substations in April 4, 2022. The Head of stores, Mrs Akinwande Olufunke and other management staff members were on hand to witness the handover ceremony which was performed by the ED in person. The automobiles which are largely fuel efficient would in no small measure ease mobility of staff and curtail crime incidence.



Handover ceremony performed by the ED

CRIN Accountants Conferred with Fellowship Status of ICAN

Three CRIN accountants were conferred with the fellowship status (FCA) of the Institute of Chartered Accountants of Nigeria (ICAN) by the 57th President of the Institute, Mrs. Comfort Olu Eytayo CFA, CFE, mni, FCA.

Mr. Adeyemo Akeem is a Principal Accountant in the Finance and Accounts Department. He qualified as an associate member in 2009 and joined the service of the Institute in 2010.

Mr. Shittu Abu, a Chief Accountant, is also in the Finance and Accounts Department. He qualified as an Associate member in 2006 and joined the service of the Institute in 2009.

Mr. Kuforiji Olawale is a Chief Accountant and acting Head of Internal Audit. He joined the service of CRIN in 1998 and qualified as an Associate member in 2010.

The event took place during the 20th conferment of Fellowship status ceremony which held on Wednesday 20 April, 2022 at ICAN Centre, Lake View Estate, Amuwo Odofin, Lagos State. Hearty congratulations to the awardees.



The FCA awardees



HEALTH News

HEPATITIS B – Mrs. Bosede Famaye



Hepatitis B is caused by the hepatitis B virus (HPV). The virus is passed from person to person through blood, semen or other body fluids. It does not spread by sneezing or coughing.

Hepatitis B is a serious liver infection. For some people, Hepatitis B infection becomes chronic, meaning it lasts more than six months. Having chronic Hepatitis B increases your risk of developing liver failure, liver cancer or cirrhosis (a condition that permanently scars the liver).

The signs and symptoms of Hepatitis B ranges from mild to severe, and usually appears about one to four months after infection. These includes: abdominal pains, dark urine, fever, joint pains, loss of appetite, nausea and vomiting, weakness and fatigue, yellowing of skin and the whiteness of eyes.

Common ways that it can spread includes: Sexual contact, if one engages in unprotected sex with infected person through the carrier's blood, saliva, semen or vagina secretions; Sharing of needles, razors or toothbrush; Accidental needle sticks and Mother to child.

Complications of the infection are: scarring of the liver (cirrhosis) which can impair the liver's ability to function, liver cancer, liver failure and kidney disease or inflammation of blood vessels. Anyone with the above signs and symptoms should promptly seek medical attention on time.

Staff of the Month: Mr. Hammed Abiola Daniel



Mr. Hammed Abiola Daniel was born on 12 October, 1964 to the family of Mr Hammed Lasisi and Mrs. Awanot Lasisi in Ikare, Akoko Ondo State.

He had his elementary education at St. Peter Anglican Primary School Ikare; he later proceeded to Akoko Moslem Secondary Modern School, Ikare Akoko, where he obtained testimonial in 1977. On leaving high school, he enrolled for training in Goldsmith. He joined the service of the Institute in November, 2006 as a casual worker in Security Section till 2012, when he was fully staffed as Watchman in the same section. In 2018, he was converted to Assistant Chief Agric Field Overseer (ACAFO), the designation he currently assumed. In 2019, he undergone security training in-house on CRIN sponsorship. He is a member of the Nigerian Legion. Mr Hammed is happily married with children. He is hardworking, disciplined and very friendly.

May 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!





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Fajutu Kayode Samuel	02-May	Falana Maria	13-May
Adejoro Matilda Ozemwogie	03-May	Owolabi Iyabo Olufunke	13-May
Dogo Genesis	03-May	Oyeniran Adejoke	13-May
Nwaolise Felicia	03-May	Wada Sunday	13-May
Oludayo Gbolagade	04-May	Oyeledun Ibukun Olanike	14-May
Agboluaje Ganiyu Ojo	05-May	Sobowale Ibrahim Olalekan	14-May
Apanisile Olusola	05-May	Boluwade Sunday	15-May
Daniel Mezack Andrew	05-May	Ehimme Charles	15-May
John Muo	05-May	Elugbe Ofenume Monday	15-May
Kolawole Oluwaseun	05-May	Eubodaghe Monday	15-May
Oguntoyinbo Waheed	05-May	Oyemuwa John	15-May
Oladejo Adeleke Omineye	05-May	Solomon Oluremi	15-May
Oladimeji Lynda Taye	05-May	deyemo Stephen	16-May
Orisasona Taye Matthew	05-May	Ajayi Aremu John	16-May
Taiwo Banke Motunrayo	05-May	Odugbela Oluwasina	16-May
Ayidu Temitope	06-May	Oloyede Ade Samuel	16-May
Olaniran Omolara Caroline	06-May	Onanuga Odutola	16-May
Oluyole Kayode Akanji	07-May	Salami Mufutau	16-May
Ogundeji Adekunle Kayode	08-May	Adeleke Sunday Akanji	17-May
Adekanbi Aderemi Adeniyi	09-May	Dauda Oluwatoyin	17-May
Asunbo Oluwadamilola	09-May	Omoregie Osayawe Martins	17-May
Buari Rasheed	09-May	Orimiloye Philo Olotie	17-May
Alih Mohammed	10-May	Asogwa Evaretus Uche	18-May
Imumolen Jeffery	10-May	Nome Peter	20-May
Makinde Bunmi	10-May	Oshodi Veronica	20-May
Atanda Jamiu Folorunsho	11-May	Ayegboyin Kayode Olufemi	21-May
Adeoye Stella Abosede	12-May	Bello Jelili Ademola	21-May
Dada Olayinka Alfred	12-May	Ganiyu Bolanle Risikat	21-May
Osinowo Oluwabukola Fadekemi	12-May	Irouna Samuel Uchechukwu	21-May





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Onatunde-Onanuga Joseph O.	21-May	Ogunjobi Taiwo Elizabeth	26-May
Nduka Beatrice Abanum	22-May	Olayiwola Iyabo	26-May
Nweke Nwankwo	22-May	Olubisaye Dare Joshua	26-May
Ogunwolu Qudus	22-May	Shittu Abu Sadik	26-May
Oyebanjo Temitope Omotayo	22-May	Agbor Charles Eyang	27-May
Okunade Oluwasegun Olufemi	23-May	Akanji Azeez Abiodun	27-May
Onojo Joseph	23-May	Olorunmota Rosemary Temilade	27-May
Ene Amaka Perpetua	24-May	Magaji Jonathan Danladi	27-May
Awe Funke Christiana	25-May	Tiku Godwin Bissong	27-May
Muritala Wasiu	25-May	Bakare Abibat	28-May
Ndah Alfa	25-May	Ganiyu Olubode	28-May
Ogunkunle Gbadebo	25-May	Oloyede Amos Adegbola	28-May
Oladipupo Olabisi	25-May	Adewale Temilade Olujope	30-May
Yahaya Lateef Eugene	25-May	Adio Stephen	30-May
Adenuga Omotayo	26-May		



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* High yielding, disease resistant, early maturing and improved *cocoa pods*, *cocoa seedlings*, *cashew nuts* and *seedlings* are available for planting at affordable price.

* Also, we offer training on:

- good agricultural practices for cocoa, cashew, kola, coffee and tea
- coffee processing,
- cashew juice processing,
- best practices for cocoa nursery operators,
- fertilizer from cocoa pod husk,
- field establishment for cocoa etc.

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CRIN SUBSTATIONS

- CRIN Owena Substation, Idanre LGA, Ondo State.
- CRIN Ajassor Substation, Etung LGA, Cross River State
- CRIN Ibeku Substation, Bende LGA, Abia State
- CRIN Uhonmora Substation, Owan West LGA, Edo State
- CRIN Ochaja Substation, Dekina LGA, Kogi State
- CRIN Mambilla Substation, Sardauna LGA, Taraba State

