

UNIVERSITY OF NIGERIA, NSUKKA
MEMORANDUM

To: BENEFICIARIES

Our Ref: UN/RC.250/TFC/

From: TETFUND COMMITTEE

Date: 12th October, 2021

DISBURSEMENT OF FUNDS FOR TETFUND RESEARCH PROJECTS

1. The under listed applicants (32 Nos.) whose research proposals were selected and recommended to TETFund for funding under **Institution-Based Research (IBR) Intervention** are hereby notified that their funds are ready for disbursement.
2. Please note that the amount disbursed represent 60% first tranche of the total cost of the project. The second tranche payment of 40% will only be released when the Researcher must have published at least one article from the findings of the research in any reputable local or foreign Journal, evidence of which should be submitted to TETFund.
3. TETFund should be acknowledged as the sponsor of the research in a footnote in the first page of a paper citing the research project no. *(TETFUND/DR&D/CE/UNI/NSUKKA/RP/VOL.I)*
4. The Lead Researcher to open an IBR Bank account into which the funds will be credited.
5. Quarterly progress reports by the researchers be forwarded to the Fund for monitoring purposes. The quarterly reports should be regularly submitted until the entire intervention is completed and closed out.
6. Upon completion of the Research Projects, you are expected to forward to TETFund a close out/completion report (including copies of the financial receipts obtained in respect of the Research Projects). You are also required to forward three (3 Nos.) bound copies of the Research Report for the Research Project within three (3) months of completion.
7. A pre disbursement meeting with all beneficiaries is scheduled as follows;
Date: Tuesday 19th October, 2021

Time: 11:00 am prompt

Venue: NUGA SECRETARIAT BUILDING, UNN

S/N o	Research Title/Topic(s)	Researcher s of the various research team	Duration of Research	Lead Researcher	Amount Approved for Research Project(s)	Ist Tranche Payment (60% of Total Amount Approved)
1	A study of behavior-change communication (BCC) strategies for curbing students' cultism in Nigeria universities	4	6 months	Dr. Gladys Chukwurah	₦1,000,000.00	₦600,000.00
2	Comparative evaluation of serum iron levels and sources of exposure in inhabitants of lead-zinc mining and non-mining communities in Ebonyi State, Nigeria	4	6 months	Prof. Elvis N. Shu	₦1,864,950.00	₦1,118,970.00
3	Antipoliomyelitis and anti-pertussis neutralizing antibodies in the cord blood of pre-term and term neonates: is inactivated polio vaccine effective at birth?	2	6 months	Dr. Maduka D. Ughasoro	₦1,000,000.00	₦600,000.00
4	Developing the Igbo language towards meeting the national language policy	4	12 months	Prof. Boniface M. Mbah	₦ 1,300,000.00	₦ 780,000.00
5	Prevalence of acute kidney injury (AKI) among children with malaria presenting to the emergency room	5	24 months	Prof. H.U. Okafor	₦1,800,000.00	₦1,080,000.00

	of UNTH Enugu					
6	A study of heritage resources in Aguleri in Anambra State and their implications to tourism development in Nigeria	2	20 months	Dr. Chidimma Chris Oguamanam	₦1,700,000.00	₦1,020,000.00
7	Design, modeling, simulation and implementation of stabilized, efficient, reliable and low cost 4500W solar-powered five level output voltage of DC-TO-AC converter with battery backup system using simplified capacitor voltage controlled scheme (SCVCS) for rural area applications in remote village in Nsukka Senatorial Zone, Southeast, Nigeria.	2	19 months	Engr Dr. EyaCandidusUgwu oke	₦1,800,000.00	₦1,080,000.00
8	Exploring the relationship between knowledge of physical activities and motivation, attitudes and physical activity levels of students of national open university of Nigeria, South	3	10 Months	Dr (Mrs) Justina N. Igwe	₦1,500,000.00	₦900,000.00

	East Zone					
9	Developing an indigenous knowledge management model for tracking and implementing research outputs of academic and research institutions in Nigeria	2	12 Months	Nwankwo Tochukwu Victor	₦1,000,000.00	₦600,000.00
10	Investigation of the hematologic, biomechanical and acute phase response associated with repeated transfusion of stored blood in splenectomised dogs	2	9 Months	Prof. Rita Ijeoma Udegbumam	₦1,992,900.00	₦1,195,740.00
11	Integration of ICT in resource sharing practices in public libraries in South East Nigeria	2	12 Months	Prof. Achebe Nancy	₦1,500,000.00	₦900,000.00
12	Assessment of groundwater quality within the Nsukka campus of University of Nigeria, Nsukka using geophysical techniques and water quality index	2	12 months	Dr. Yakubu Akor John	₦1,500,000.00	₦1,500,000.00
13	Effectiveness of group cognitive-behavioural therapy and psycho-education on emotional distress (anxiety, depression) and cognitive	2	13 months	Maria Chidi C. Onyedibe	₦1,300,000.00	₦780,000.00

	emotion regulation among breast cancer patients					
14	Design and development of <i>PSurvNET</i> , a pipeline monitoring and security system using integrated wireless sensor networks	2	12 months	Engr. Ezeja Obinna Michael	₦ 1,450,000.00	₦ 870,000.00
15	Determination of optimal feed formulation to reduce fat content in pork towards high quality lean meat	3	12 months	Dr. Juliana AdimonyeUkonze	₦ 1,800,000.00	₦ 1,080,000.00
16	Effects of rational emotive career education on irrational career beliefs among students enrolled in agricultural education programme in Nigeria universities	2	11 months	Dr. (Mrs) Ifeanyieze Flourence Obiageli	₦ 800,000.00	₦ 480,000.00
17	Research on design, simulation and implementation of ATM physical attack security system using internet of things (IOTS) for Nigeria Banks	3	34 months	Ugwu Celestine Ikechukwu	₦ 1,800,000.00	₦ 1,080,000.00
18	Corrosion studies and wear evaluation of electroless Ni-P/Rice husk composite coatings on mild steel	3	12 months	Engr. Dr. Offor Peter Ogbuna	₦ 1,607,173.69	₦ 964,304.21

19	Implementation of an improved 4.0 KW transformer-less voltage stabilizer	2	12 months	Engr. Dr Stephen Ejiofor Oti	₦ 1,200,000.00	₦ 720,000.00
20	Determination of the uses of social media/networks among undergraduates students in Nigerian Universities	5	12 months	Prof. Zeph. C. Njoku	₦ 1,200,000.00	₦ 720,000.00
21	Fractional order mathematical model of some infectious diseases with or without vaccination	3	7 months	Dr.Dennis Ferdinand Agbebaku	₦ 700,000.00	₦ 420,000.00
22	Homotopy analysis method for fractional mathematical model of energy generation in the human body by the human cells	4	7 months	Dr. Chioma Lydia Ejikeme	₦ 700,000.00	₦ 420,000.00
23	Certain application of q-calculus in geometric functions theory	4	7 months	Dr.UzoamakaAzukaEzeafulukwe	₦ 800,000.00	₦ 480,000.00
24	Conjugated transition metals oxides/grapheme oxide nanocomposites, effects of ion beam irradiation on supercapacitor applications	4	12 months	Prof. Ezema Fabian Ifeanyichukwu	₦ 1,700,000.00	₦ 1,020,000.00
25	The reform of Government policy on the acquisition of functional literacy, numeracy and	4	6 months	Dr. UchennaLebechi Igbokwe	₦1,500,000.00	₦900,000.00

	cognitive skills through the primary school reading curriculum under the UBE scheme					
26	Knowledge, beliefs and screening for cervical cancer among women of faith based organization in Enugu state	2	10 months	MrsLawreta, IjeomaAbugu	₦ 650,000.00	₦ 390,000.00
27	Ebola virus disease transmission dynamics in a developing country	6	9 months	Prof. Godwin C.E Mbah	₦ 905,000.00	₦ 543,000.00
28	Synthesis of intrinsic and doped Mn ₃ O ₄ nanoparticles and their antibacterial performances	4	12 months	Dr. Samson O. Aisida	₦ 1,500,000.00	₦ 900,000.00
29	Growth performance, hematological traits, economic implications and organoleptic characteristics of replacing soyabean meal with African yam bean for weaner pigs	2	6 months	Dr. Ikehi Michael Ejime	₦ 1,500,000.00	₦ 900,000.00
30	Green synthesis of CuO cellulose nano-composite for electrochemical energy storage applications	5	12 months	AssumptaChinweNwanya	₦ 1,569,319.00	₦ 941,591.40
31	Cognitive behavioural language therapy for online hate speech	2	11 months	Dr. Ede, Moses Onyemaechi	₦ 700,000.00	₦ 420,000.00

	experience and reduction posttraumatic related stress response among Nigerian university students					
32	Fabrication and performance evaluation of different nanostructured zinc oxide photoanode-based dye sensitized solar cells with natural local dye extract	4	12 months	Ugochi K. Chime	₦ 1,750,000.00	₦ 1,050,000.00