



BUK Student invents Water Powered Rocket, Smart Phone Control Car

By Lamara Garba

A level 100 student, Bilal Mustapha, of the Department of Electrical Engineering in the Faculty of Engineering, Bayero University, has invented a water powered rocket and a smartphone control car.

The 18-year-old student, who hails from Gwale Local Government in Kano state while presenting the technological devices to the Vice Chancellor and Management of the University on Tuesday, 13th September, 2022 explained that the rocket has the capacity of going up to 300 to 1000 meters height above sea level in a speed of 250 kilometers per hour.

According to him, the rocket was made of plastic bottles



VC, Prof. Sagir Adamu Abbas with Mr. Bilal displaying the Invented Rocket

and other locally fabricated materials using his innovations and could be used for surveillance purposes as well as data capture in difficult areas that cannot easily be accessed by conventional means.

Mr Bilal also explained that the invention could also serve as a drone that could generate information on certain spaces as it was connected with a digital camera that can be recording images using GPS technology.

In addition to the camera, the rocket also has a memory card as well as automatic parachute attached to it which can make it to land safely so as to be able to retrieve the information it stored in the camera and the memory card.

He said the rocket can remotely be controlled using a GSM phone or laptop computer with a view to manipulating its direction and area of coverage.

Explaining further on the sensitivity of the devise, he said it was purposely made for remote sensing to serve as a device of obtaining information and or visual images of a certain area on high altitude where normal human eyes cannot capture easily due to height or inaccessible terrain.

Other innovation of Mr. Bilal using his creativity was the invention of a smart phone control car which can be operated electronically. He said with more support he would be able to translate his invention in conventional cars, especially the mechanism of opening a car bonnet electronically as against the manual way.

Mr. Bilal who was accompanied by the Head, Department of Electrical Engineering said, he used his creativity to find a way on how to impact positively by contributing to technological advancement. Stressing that with adequate materials and enabling environment he can invent more sophisticated technologically inclined products and machines.

Speaking shortly after the presentation, the Vice Chancellor, Professor Sagir Adamu Abbas, was particularly happy with the intellectual and creative capacity of the young Bilal which he said is a thing of joy and pride that a student of the University at this very young age could invent a very serious technology which if improved would have a positive impact in the country and the world at large.

Professor Abbas noted that such students need to be supported and encouraged in order to boost their morale and make them realize their potentialities.

The Vice Chancellor promised financial support to the student to further inspire him for more innovative thinking as well as to further rediscover his potentials in this respect.

BUK to Introduce Special Award for Creative Staff, Students' ...VC

By Lamara Garba



Standing (centre) VC, Prof. Sagir Adamu Abbas with Mr. Bilal displaying the Invented Rocket

The Management of Bayero University will soon introduce a special award to recognize individual staff and/or students who creatively come up with an innovation or invention in any field, the Vice Chancellor, Professor Sagir Adamu Abbas, has hinted.

Already, he said the management was considering at the possibility of organizing a special occasion to recognize Mr. Bilal Mustapha, a level 100 student of the institution who recently invented and fabricated a water powered rocket as well as remotely controlled car.

“Beginning with this student, we shall find a way and means of recognizing gifted staff and students of this our great University who, through their area of studies, make any breakthrough in research and creativity,” said the Vice Chancellor.

This, he said could be done in order to encourage researchers to engage on finding solutions to the myriads of challenges facing us as a community, a society and a nation in general. He said all the

technological and other inventions were discovered by other people elsewhere with support and encouragement from their respective societies, and therefore, we shall also be seen to be encouraging creativity and gifted potentials in our midst,” the Vice Chancellor assured.

Professor Abbas charged the Department of Electrical Engineering to find a way of tasking as well as guiding the student to make him very innovative as he showed greater potentiality of becoming a great scientist which could make the University and the state proud.

The Vice Chancellor also advised the student to keep the tempo and concentrate very seriously on his studies with a promise to retain him after graduation.

“This is a challenge to all our staff and students. Anyone with a special gift and or innovation would be encouraged to prove himself and we shall, on our part, do everything possible to support and encourage them,” he declared.

VC Visits Pantami, NITDA Boss ...Requests Special Intervention

By Lamara Garba

The Vice Chancellor, Professor Sagir Adamu Abbas has commended the initiatives of the Minister of Communication and Digital Economy, Professor Isa Ali Ibrahim Pantami, towards economic development of the country.

Speaking on Monday, 5th September, 2022 during a courtesy call on the Minister in his office in Abuja, in particular, Professor Abbas appreciated the intervention of the Minister of Communication for the support rendered to tertiary institutions across the country.



From left: Prof. Sahalu Junaidu (SA to the Minister); BUK VC, Prof. S.A. Abbas; Hon. MCDE, Prof. Isa Ali Ibrahim Pantami and DVC (Management Services), Prof. Mahmud Sani

The Vice Chancellor, however, solicited for a special intervention from the Ministry, particularly in the University's quest for migrating from the conventional teaching method to using Technology in teaching and research.

According to him, COVID-19 pandemic and other related incidents as well as the advancement in the new world

order had made it critical for any institution yearning for growth to adopt technology in teaching, hence the decision to solicit for support in the ministry in this regard.

Responding, the Minister of Communication and Digital Economy, Prof Isa Ali Pantami, expressed delight for the visit where he described Bayero University as one institution that he was proud to identify with.

Professor Pantami promised to support Bayero University in any way possible. According to him technology is no doubt a force to reckon with in societal development and growth. He commended the foresight of the BUK Management in this direction.

In another development, the Vice Chancellor had paid similar visit to the Director General of National Information Technology Development Agency (NITDA) in which he commended the transformation policy by the Alhaji Kashifu Muhammad Inuwa-led Management.

Professor Sagir Abbas said NITDA has been an example of an agency which is making impact in the technological development of the country, saying this was possible as a result of a quality leadership in the organization.

He equally solicited for more collaboration between the university and NITDA for mutual benefit, particularly in view of its desire to adopt technology in teaching and other activities.

In his response, the NITDA Director General, Alhaji Kashifu Inuwa, said that already Bayero University and NITDA have a long existing collaboration and would further solidify the relationship, promising to support its cause for technology migration.

Management Pays Condolence Visit to Families of Muhammad Bello, Dr. Safianu Rabi'u

By Lamara Garba

The Vice Chancellor Professor Sagir Adamu Abbas has expressed shock over the death of Malam Muhammad Bello of the Registry Department who died on Tuesday, 13th September, 2022 at the age of 50 after a protracted illness.

Speaking during a condolence visit at the family house of Muhammad Bello, the Vice Chancellor who was represented by the Deputy Vice Chancellor (Academics), Professor Sani Muhammad Gumel, said his death has created a very big vacuum in the University.

“Indeed death is something inevitable, however, anytime it strikes, we received it with deep sorrow and shock, but we just have to take solace in the fact that, God giveth and taketh away. We pray Almighty Allah to grant him eternal rest in *jannatul firdaus*,” said the Vice Chancellor.

Describing the deceased as someone very quiet, humble, religious and was committed to the University services.

Late Malam Bello was until his death, the Head of Administration at the International Institute of Islamic



BUK Management on a condolence visit to the families of Malam Muhammad Bello and Dr. Safianu Rabi'u

The deceased, joined the services of Bayero University in 1999 as an Administrative Assistant and rose through the rank to become a Deputy Registrar in 2020. He is survived by a wife and four children.

Professor Gumel was accompanied by the University Bursar, Dr Muhammad Bello Suleiman, the Director DEAR, Hajia Amina Umar Abdullahi, Acting Director Establishment, Hajia Binta Yahaya Kofar Na'isa, Acting Director, Vice Chancellors Office, Malam Sheriff Ahmed and Head of Public Affairs Directorate, Lamara Garba.

Also the Management had paid a sympathy visit to the Director in the Registry, Malam Mustapha Zaharaddeen

whose is on admission at Aminu Kano Teaching Hospital.

They prayed Allah to grant him quick recovery as well as accept it as an act of ibadah for Allah's mercy and blessings in this world and in the hereafter.

In another development, the Vice Chancellor had paid a condolence visit to the families of Dr. Safianu Rabi'u of the Department of Biological Sciences over the death of his mother, Hajia Juwairiya Abba.

She died on Sunday, 11th September, 2022 at the age of 82. She is survived by five children including Dr. Safianu Rabi'u. They prayed Allah to grant the deceased *al jannatul firdaus* and the family the fortitude to bear the irreparable loss.

Tribute to a Fallen Comrade, Abdulmalik N.B. Yunusa

By Adamu Garba

The death of the Vice President of Senior Staff Association of Nigerian Universities (SSANU), Northwest zone, Comrade Abdulmalik N.B. Yunusa, in the night of 15th September, 2022 put the Union and members of Bayero University community into a serious mourning.

The late Comrade Abdulmalik was many things to many people in diverse ways. From whatever angle it is viewed, the sweet reminiscences and indelible footprints he left at Bayero University and the Union during his time shall forever be remembered with fond memories that will continue to linger.

Comrade Abdulmalik was a quintessential leader with unquantifiable attributes. Even with his seniority in age and rank among us, you cannot link it to his behaviour when we are together. He was an embodiment of patience, humility, good listening, hardworking, consistency, pragmatic, foresighted, love and above all; he provided balance to maintain peace and harmony in all the four unions of the universities (ASUU, NASU, NAAT and SSANU, the union he belongs to.

Aged 53, Abdulmalik was a Deputy Bursar in the Bursary Department, Bayero University, Kano. He joined the service of BUK in the year 2000. And till his death he played major role in the building and stabilisation of SSANU through his selfless service in various committees both at BUK and SSANU National HQ. He rose from the branch treasurer of SSANU to the National Vice President, North West zone of the Union.

So, it is, Comrade Abdulmalik. We shall miss you but in your lifetime, you demonstrated the qualities of a revolutionary leader. You put the BUK, SSANU and the struggle first.

Abdulmalik was resourceful to BUK and the SSANU struggle at large. He excelled in theory and practice. He was well grounded in theory and practice. He demonstrated what he preaches. He was an exemplary leader who respects the rules of the struggle. For the struggle has essential tenets that must be adhered to if one wants to excel.

Comrade Abdulmalik is survived by four (4) wives (Hadiza, Fatima, Hadiza and Aisha) and many children, three of his wives are staff of Bayero University. It's with heartfelt that we pray that may his gentle soul rest *Jannatul Firdausi* and may the Almighty Allah give his family the fortitude to bear the irreparable lost, amen. Those of us who are still here, we should promise to do our best to move the struggle forward.



Late Comrade Abdulmalik N.B. Yunusa

Wedding
Fatiha

Muhd & Eman

Wedding
Fatiha

The Vice Chancellor, Professor Sagir Adamu Abbas invites members of the University community and general public to the wedding fatiha of his son, Dr. Muhammad Adamu Abbas (M. Abbas) and his fiancée, Eman Maikano Khalid, scheduled as follows:

DATE: Saturday, 1st October, 2022

TIME: 2:00pm

VENUE: Umar Bn Khattab Mosque, Dangi Zaria Road, Kano State.

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