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University Staff Trained on CCMASS & Pedagogy



(In the Middle) Presenter, Prof. Nuraddeen Magaji; (from right) Engr. Abba Bala, Muhammad Isah. and (from left) Engr. Ashafa Abubakar, Engr Barau Magaji.

The Academic and Technical Staff Monthly Seminar Series of the School of Engineering FUT has kicked off with a one day training of staff on Teaching and Learning Using Outcome Based Education (OBE) and Core Curriculum Minimum Academic Standards (CCMAS). The Seminar presented by Prof. Nuraddeen Magaji of the Electrical and Electronics Engineering, Department, took place at the CIT, Temporary Campus, on Thursday 29th August, 2024.

The host, Engr Salisu Mohammed Lawan, Dean of the School of Engineering in his welcome remarks emphasised the importance of upgrading the skills of staff for best learning outcomes.

Prof. Nuraddeen Magaji, explained in his presentation, that OBE is "an educational approach where all aspects of education are organized around achieving specific, measurable outcomes (knowledge, skills, attitudes); has flexibility in teaching methods and lays emphasis on assessment based on outcomes." According to him its

importance is, "it is a Student-Centered Learning approach anchored on sound Quality Assurance with global relevance."

"Having learners do important things with what they know is a major step beyond knowing itself", according to him, in the same way as "empowering Learners to apply knowledge is a significant advancement beyond mere understanding", to show the difference between the old approach and the OBE methodology.

With the OBE approach, he concluded, "tertiary education institutions could provide both professional knowledge/skills and all-round attributes to their graduates; and equip learners to transfer academic success to life in a complex, challenging and high-technology future".

Turning to Core Curriculum Minimum Academic Standards (CCMAS), Prof. Magaji explained its elements as: Key Core Subjects, Learning Outcomes, Assessment Standards; and Flexibility and Adaptation.



He said when the NUC launched 17 CCMAS documents on the 5th December, 2022 the documents were incomplete because they were short of total credit units for graduation (of 30%) that was expected to be filled by the Universities with locally relevant programmes or course units. He also explained the self-reinforcing and synergy between Outcome-Based Education (OBE) and Core Curriculum Minimum Academic Standards (CCMAS).

FUT Babura Expels 4 Students for "Physical Fighting and use of weapons"

The Management of the Federal University of Technology, Babura, has expelled four students – Abubakar Adamu (Department of Computer Science), Abubakar Surajo Garba (Department of Cybersecurity), Imran Rabiu (Department of Biological Sciences) and Mubarak Bashir Yusuf (Department of Cybersecurity) - found to have been involved in "physical fighting and use of weapons", according to individual letters to each from the Registrar, signed by the Acting Academic Secretary, Mohammed Bashir Tahir. The students had earlier appeared before the Students' Examinations, Misconduct, Disciplinary Sexual Harassment Committee on Thursday, 11th July, 2024 (except Abubakar S. Garba who appeared on 15th July) and admitted to the misconduct (which took place on 2nd July).

Each letter said: "By the University regulations, this misconduct is punishable under Section A(i) of the Student Handbook which stipulates that Disturbance of Peace: All cases of disturbance of peace such as fighting, assaulting, abusing or threatening of staff or students etc., would also be brought to the Students Disciplinary Committee. All proven cases shall attract expulsion from the University. Therefore, you are EXPELLED from the University IMMEDIATELY. You are also required to return all school property, including ID card, and any other official materials, to the office of the Registrar. Additionally, you are no longer permitted to enter the University campus or participate in any school related activities."

FUT Babura Suspends 2 Students for "Physical Fighting"

The Management of the Federal University of Technology, Babura, has suspended two students – **Sulaiman Hudu Muhammad** (Department of Biotechnology) and **Yasir Umar** (Department of Applied Geophysics) - found to have been involved in "physical fighting", according to individual letters to each from the Registrar, signed by the Acting Academic Secretary, Mohammed Bashir Tahir. The students had earlier appeared before the Students' Examinations, Misconduct, Disciplinary and Sexual Harassment Committee on Thursday, 5th July, 2024 and admitted to the misconduct.

Each letter said: "By the University regulations, this misconduct is punishable under Section B(ii) of the Student Handbook which stipulates that Any student found guilty of any major misconduct shall be rusticated from the University for two years with the cancellation of the result(s) in the case of examination misconduct. However, as a first-time offender, the University Management at its 26th Regular Meeting held on Wednesday, 14th August, 2024, in her magnanimity decided to reduce your punishment from two years to two consecutive semesters, effective from the second semester of the 2023/2024 Academic Session. Therefore, you are SUSPENDED from the University Two (2) **Semesters,** effective from the second semester of the 2023/2024 Academic Session."

4 Students Given Warning Letters for Involvement in "Altercation"

The Management of the Federal University of Technology, Babura, at its 26th Regular Meeting held on Wednesday, 14th August, 2024, considered a report from the Students' Examinations, Misconduct, Disciplinary and Sexual Harassment Committee and approved that warning letters be issued to four students – **Ibrahim Khalid Ibrahim** (Department of Mathematics), Mahmud Abu **Ubaida** (Department of Applied Physics), Muhammad Ibrahim (Department of Applied Geophysics) and Nihal Usman (Department of Applied Chemistry) - found to have been involved in "the altercation between some students as a first time offender", according to individual letters to each from the Registrar, signed by the Acting Academic Secretary, Mohammed Bashir Tahir.

The letter further said "Be aware that any similar future misconduct may result in more severe consequences, including suspension or expulsion from the University. You are hereby advised to liaise with the Student Affairs Division to write and sign an undertaking of good behaviour. This undertaking will serve as a commitment to adhere to and acquaint yourself with the rules and regulations of the Federal University of Technology, Babura Students' Handbook.

Prof. Sabo Ibrahim Charges Town and Gown Committee to be Proactive

The pioneer members of the Town and Gown Committee (TGC), of the University are expected to be proactive and solve problems that may arise in community relations before they manifest or grow big. This charge was given by the Vice chancellor, Prof. Sabo Ibrahim Birnin Kudu, while inaugurating the TGC at the Vice chancellors Conference Room, on Thursday 29th August, 2024, at the Temporary Campus.

Some committee members (from right): the VC, Prof. Sabo Ibrahim Birnin Kudu, Chairman; Fatima Binta Mohammed, mni, Registrar; Haj. Halima Isyaku, Sahab Academy, Babura; and Sani Shehu Madabo, Director, Security Division.

Earlier, the VC had warmly welcomed members of the Committee that included the District Head of Babura, the Chief Imam, heads of security and representatives of Students and management.

Before formally inaugurating the committee which then went into a closed-door session, Prof. Birnin Kudu had spelled out the reason for setting up the Town and Gown Committee, particularly to promote mutual respect, understanding and cordial relations between the University Community and its host Community, as is the tradition all over the world.



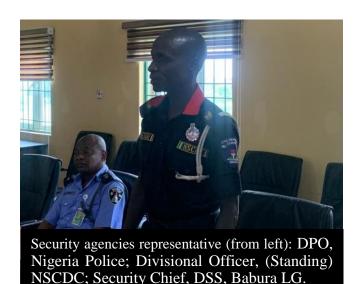
(1st left) Nasiba Hussaina Ahmad, student Representative, Chemistry Dept; and (2nd left) Secretary of the Committee, Aliyu Hassan Salihu, Establishment Secretary.

The VC said globally Universities are set up for teaching, research and community service but the University, represented by the Gown, needs to understand the concerns and noble values of its host community, the Town, to be able to offer value addition service. He said although the institution is expected to offer employment and admission to the local community as per regulations, it also hopes to work closely with the TGC to live peacefully with it, by nipping in the bud potential fractious issues like herdsmen trespass and other issues of mutual concern.

The full members of the committee Chaired by the VC are as follows: Fatima Binta Mohammed, *mni*,

Registrar; Dr. Ya'u Datti, Dean, Student Affairs; Sani Shehu Madabo, Director, Security Division; Hon. Lawal Ismail, Chairman, Babura Local Government; Alhaji Mustafa Nata'ala, Sarkin Bai Ringim, *Hakimin* Babura; DPO, Nigeria Police, Babura LG; Divisional Officer, Babura LG, NSCDC; Security Chief, DSS, Babura LG; Mal Salisu Salisu, Chief Imam, Babura; Haj. Halima Isyaku, Sahab Academy, Babura; Nasiba Hussaina Ahmad, student Representative, Chemistry Dept; Nafi'u Ahmad Adam, Student Representative, Mechanical Engr. Dept; and Aliyu Hassan Salihu, Establishment Secretary.





FRSC Inaugurates Special Marshals, Trains Drivers at FUT Babura

At a brief but colourful morning ceremony, the Federal Road Safety Corps (FRSC) has inaugurated three Special Marshals, at the Federal University of Technology Babura. The event took place in the VC's Conference Room, on Thursday 29th August, 2024, at the Temporary Campus



FUTB decorated Marshals in FRSC blue reflective jackets (1st left) Malam Jamilu of Bursary, (4th from right) the Registrar, Fatima Binta Mohammed mni; and (1st from right) Dr. Karkarna in a group photograph with Principal Officers of the University and FRSC Officials.



Commandant of the Babura Local Government Command of the Corps, S.B. Barguma decorated the three special Marshals, with their regalia of reflective jacket, a matching cap in the corps colours, an arm band and a handbook amongst others. The Special Marshals are the Registrar, Fatima Binta Mohammed *mni*, Dr. Yakubu Mustapha Karkarna of the School of Engineering and Malam Jamilu Abubakar of the Bursary Department.

While congratulating the newly decorated officers, Mr. Barguma disclosed that although ten slots were sought for the University Special

Marshals Unit, only five were allocated and even of that number since only three applied before the deadline, the balance of the slots were lost to other commands until such a time in the future fresh allocations are made.



Malam Jamilu Salutes Comandant FRSC Babura Division after his decoration, as DVC Prof. Bala Sidi Aliyu watches



Dr. Yakubu Mustapha Karkarna Salutes the Comandant FRSC Babura Division as the VC

He also briefed the Special Marshals of the voluntary beginnings of the FRSC but the President Ibrahim Babangida government went ahead to establish a full organisation with salaried staff on 18th February, 1998, when it was realised that improving safety, reducing accidents and assisting accident victims cannot be left to volunteers alone. The Commandant explained that though they are part of the Regular Special



The Special Marshals: (Centre) Registrar, Fatima Binta Mohammed *mni*; Dr. Yakubu Mustapha Karkarna, School of Engineering (right) and Malam Jamilu Abubakar, Bursary Department (left)

Marshals, there are also two categories: Celebrity Special Marshals and Patrons Special Marshals.

Earlier in his welcome address, the Vice Chancellor, Prof. Sabo Ibrahim Birnin Kudu had said that membership of the Special Marshal Corps is a form of Community Service that would not only benefit the host community but reflect positively on the careers of the officers involved.



FRSC Officers Training FUT Babura drivers

Similarly, in delivering the closing remarks, the DVC Prof. Bala Sidi Aliyu expressed gratitude to the Commandant of the FRSC for finding time to inaugurate the Special Marshal Unit and prayed that the members would be good ambassadors of the institution.

In a related development training officers from the FRSC devoted the rest of the day to a refresher training of official University drivers in code of conduct for drivers, safety and safe driving techniques and managing hazardous situation.

VC Launches 40,000 Tree Planting Exercise at Babura

The Vice Chancellor Federal University of Technology Babura, Prof. Sabo Ibrahim Birnin Kudu, has launched a 13-day ambitious Tree Planting Exercise that hopes to have 40,000 trees planted in Babura. He was supported by the Representative of the District Head of Babura and the Deputy Vice-Chancellor, Prof. Bala Sidi Aliyu.

The launching ceremony took place at the permanent site of the University on Thursday, 22^{nd} August, 2024. It is a collaboration between the Federal Government of Nigeria, the World Bank

and Jigawa State Ministry of Environment, Agriculture and Water Resources under the Agro-Climatic Resilence in Semi-Arid Landscapes (ACReSAL) project.

Through the Community ACReSAL Committee, the programme intend to plant forty thousand trees in Babura, including within the two campuses of the University. Therefore members of the Babura Local Government ACReSAL Committee were also in attendance at the laun



Representative of *Sarkin Bai* Ringim, *Hakimin* Babura getting ready to plant



Prof. Sabo Ibrahim Birnin Kudu planting a seedling to launch the campaign

"The trees you help plant will create a positive impact for nature, people and wild life. Gifting trees in someone's memory is a beautiful way to preserve their spirit."



Community ACReSAL Committee members at the occasion

Students Representative Council (SRC) Inaugurated for FUT Babura

The Vice Chancellor, Prof Sabo Ibrahim Birnin Kudu has formally inaugurated the FUT Babura pioneer Students' Representative Council (SRC), to be headed by Yahaya Hamidu Magem, a student of Cybersecurity as Chairman. The SRC has two Vice Chairpersons; a General Secretary with an Assistant; a Treasurer and Financial Secretary; a Welfare Officer and two PROs as well as Directors of Academic Affairs, Sports, Protocol and Socials.

In his address at the occasion. Prof Birnin Kudu recounted the history of the founding of the institution and the need to create a forum for students to dialogue with Management on issues of concern whenever they should arise. The VC advised the selected 15 leaders to be role models, provide purposeful and exemplary leadership, as well contribute to all students achieving their goals. The DVC Prof. Bala Sidi Aliyu also gave leadership advice to members of the SRC.

The Dean Student Affairs, Dr. Ya'u Datti, who also spoke at the occasion



Prof. Sabo Ibrahim Birnin Kudu inaugurating the SRC

expressed appreciation to the VC for his unwavering support and explained the rigorous process of selection of the leaders. "We sought out individuals who not only excelled academically but also demonstrated exemplary character", he added.

While explaining that "the SRC will play a pivotal role in enhancing our campus life and student experience" through collaboration and mutual respect, the Dean gave the three key functions of the forum, as: facilitating communication, promoting Student engagement and advocating for Student interest

In his acceptance speech, the SRC Chairman, Yahaya Hamid Magem appreciated the tremendous efforts of the VC, principal officers and staff in making the institution conducive for learning amidst challenges. He promised on behalf of the SRC to "represent the rest of the students" and "to deliver to the expectations of the institution". "We also promise to be law-abiding, cooperative and supportive in your quest to promote good characters in the university", he added. The General Secretary, Ibraheem Ojediran Adekunle also spoke, pledging to serve with dedication and honour.



DVC Prof. Bala Sidi Aliyu giving a word of advice



Dean Student Affairs, Dr. Ya'u Datti speaking



Chairman SRC, Hamid Yahaya giving his acceptance speech

While promising to help build a vibrant campus community where "every student feels valued and supported", the SRC chairman mentioned some urgent problems facing the students that need attention as: transportation to the campuses, leaking rooms at the male hostel, need for fumigation, provision of free Wi-Fi to students to ease learning, office accommodation for the SRC,

concrete seats in ventilated spaces at the permanent campus, large metal refuse bins for refuse disposal, lightening the campuses and hostels, access road for engineering students, and a functional engineering laboratory.

The full names of the members, their offices and departments is as follows:

S/N	NAME	POSITION	DEPARTMENT
01	YAHAYA HAMIDU MAGEM	CHAIRMAN	CYBER SECURITY
02	HARISU DALHATU MOHAMMED	V. CHAIRMAN (MALE)	PURE & APPLIED PHYSICS
03	AMINA SHEHU ABDULLAHI	V. CHAIRMAN (FEMALE)	BIOLOGY
04	IBRAHEEM OJEDIRAN ADEKUNLE	GENERAL SECRETARY	CIVIL ENGINEERING
05	ISA KABIR NUHU	ASST. GEN. SECRETARY	MECHANICAL ENGINEERING
06	HALIMA HARUNA	TREASURER	BIOLOGY
07	ABDURRAZAK ABDULLAHI	FINANCIAL SECRETARY	INDUSTRIAL CHEMISTRY
08	ALIYU NURA	WELFARE I	MATHEMATICS
09	ABDULRAHMAN ABDULLAJI SALEH	PUBLIC RELATION OFFICER I	BIOTECHNOLOGY
10	AL-AMIN KHALID	PUBLIC RELATION OFFICER II	BIOLOGY
11	HAMZA ABDULHAMID	DIRECTOR OF ACADEMIC I	CIVIL ENGINEERING
12	CHRISTOPHER MICAH KYAT	DIRECTOR OF ACADEMIC II	COMPUTER SCIENCE
13	ABUBAKAR HALADU BABANDEDE	DIRECTOR OF SPORTS	MATHEMATICS
14	TAHIR ABUBAKAR ABDULLAHI	DIRECTOR OF PROTOCOL	MECHANICAL ENGINEERING
15	IBRAHIM SABIU MUSA	DIRECTOR OF SOCIAL	CIVIL ENGINEERING

Researcher Calls for Global Action to Reduce or Eliminate Releases of Mercury Through Artisinal Mining

The Acting Dean School of Science Dr. Abdullahi Bello, a staff from Applied Physics Department presented a paper entitled *The Contamination of Water and Soil by Artisans and multinational Miners in Africa* at a seminar presentation on 5th August, 2024 at the CIT Hall, Temporary Campus, organised by the School.

The paper showed there are three types of mining operations – jirgi, ruwa-ruwa and burkine. The third type is mostly done by foreigners from Burkina Faso, Niger, Mali and Togo and it is "the main agent of dangerous contaminants, because they used leaching method in their operation." The researcher showed how Mining by artisans is tedious and energy sapping, but equally rewarding if fortunes smiles on them and how artisans can be a multi-millionaires in a matters of hours. The



Ag. Dean School of Science Dr. Abdullahi Bello presenting

paper succeed at showing how Mercury becomes a contaminant as a result of mining for gold (where mercury is used to form an amalgam before being burnt off) and called for "national, regional and global actions, both immediate and long-term, ... to reduce or eliminate releases of mercury and its compounds to the environment".

FUT Babura Staff Share Research Findings Prior to African Conference Of Mathematics and Application (ACOMA)

The Faculty of School of Science, Communication and Information Technology has held a seminar presentation on 5^{th} August, 2024 at the CIT Hall, Temporary Campus, where some staff shared results of their research for peer review, preparatory to presenting same at an upcoming African Conference of Mathematics and Application (ACOMA) on $20^{th} - 23^{rd}$ November, 2024. t

the papers was presented was by Dr. Abel Shaba, Department of Applied Mathematics, entitled, Analysis of Mechanics of a Uniform Conveying Pulsating Pipe Fluid Using Finite Element *Method*. The research approach used provides a reliable insight into the Behavior of pipe fluid conveying pulsating under various condition.

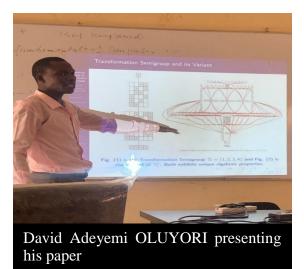


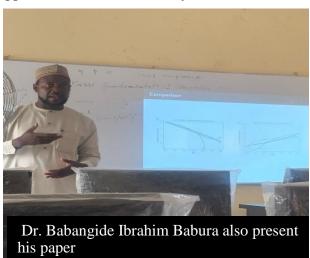
Dr. Abel Shaba also presented a paper

The analysis showed that as density of the fluid increases, the natural frequencies of the pipe decreases; and as the natural frequencies decreases as the pipe density increases. The implication of this research is the effect of forces on the pipes conveying either petroleum or water on the stability of the pipes.

Another paper to be presented at ACOMA was entitled *Algebraic Study of the Variant of Trioids* was presented by David Adeyemi Oluyori. The paper highlight trioid T as a nonempty set equipped with three binary operations (right, left and middle) products satisfying 8 axioms. The paper shows how the algebraic study of Trioid is a young area of research which continues to gain traction due to its connections with other well establish areas of mathematics such as group theory, semi group theory, Leibniz algebra, Hopf algebra, Dialgebra and Trialgebra.

Similarly, Dr. Babangide Ibrahim Babura from applied mathematics presented a paper entitled *A Novel Asymmetric Fence Estimation Using Semi-Interquartile Ranges*. The paper shows how Boxplot introduced by John Tukey in 1977, provides graphical summary of data distribution and Identifies outliers using fences at 1.5 times IQ. The research analysis shows that Novel method enhances boxplot fence estimation and improves accuracy of outlier detection for skewed data and adapts to specific characteristics of data distribution. Researcher recommended it for application in statistical analysis.





Dr. Babangida Ibrahim Babura Appointed as Ag. Dean, School of Science

The Vice Chancellor, Prof. Ibrahim Sabo Birnin Kudu has approved the appointment Dr. Babangida Ibrahim Babura as Acting Dean, School of Science, Information and Communication Technology.

The Registrar, Fatima Binta Mohammed *mni*, who signed the appointment letter FUTB/R/APPT/32 dated 28th August, 2024 said the appointment takes effect from that date until further notice, and is on the following terms and conditions: "(a) That you are responsible to the Vice-Chancellor in conducting the affairs of the School and you are required to report to him, from time to time, on the development and /or issues concerning the School;

(b) That you will, with diligence and hard work, exercise general superintendence over the affairs of the School; (c) That as Ag. Dean, you will exhibit credible academic and administrative leadership and encourage democratic participation by other colleagues in running the affairs of the School; (d) Pursuant to provision of section 8(5) CAPB5 of the laws of the Federal Republic of Nigeria (2004), your appointment as Ag. Dean may be terminated for good cause within the meaning assigned to it."

Finally, the Registrar, Fatima Binta Mohammed *mni*, congratulated the Dr. Babura on his appointment.

VC Approves Engr. Uba Ali Taura as Ag. HOD Electrical Engineering Dept.

The Vice Chancellor, Prof. Ibrahim Sabo Birnin Kudu has approved the appointment Engineer Ali Uba Taura as Acting Head of Department of Electrical Engineering.

The Registrar, Fatima Binta Mohammed *mni*, who signed appointment letter FUTB/R/APP.01 21^{st} dated 2024 the August, said appointment takes effect from that date, and is on the following terms conditions: "(a) That you are

responsible to the Dean, School of Engineering in conducting the affairs of the Department and you are required to report to him, from time to time, on the development and /or issues concerning the department; (b) That you will, with diligence hard work, exercise general superintendence over the affairs of the department; (c) That you will exhibit administrative credible leadership to the department;

(d) That you will encourage democratic participation by other colleagues in running the affairs of the departments; (e) Your appointment as Ag. Head of Department may be terminated for good cause within the meaning assigned to it in the Laws establishing the University."

Finally, the Registrar, Fatima Binta Mohammed *mni*, congratulated the officer on his appointment.

Engr. Muawiya Sadiq Appointed Overseer, Mechanical Engineering Dept.

Engineer Muawiya Sadiq of the Department of Mechanical Engineering has been appointed as Overseer of the department, pending the appointment of an Acting or substantive Head of Department.

A letter referenced FUTB/R/APP.01 dated 21st August, 2024 signed by the Registrar, Fatima Binta Mohammed *mni*, said the appointment is on the following conditions: "(a) That you are responsible to the Dean, School of Engineering in conducting the affairs of the Department and you are required to report to him, from time to time, on the development and /or issues concerning the department; (b) That you will, with diligence and hard work, exercise general superintendence over the affairs of the department; (c) That you will exhibit credible administrative leadership to the department; (d) That you will encourage democratic participation by other colleagues in running the affairs of the departments; (e) Your appointment as

Overseer of the Department may be terminated for good cause within the meaning assigned to it in the Laws establishing the University; (f) You should communicate to the University Management two months before the expiration of your tenure."

Finally, the Registrar, Fatima Binta Mohammed *mni*, congratulated the officer on his appointment.

Engr. Mustapha Nuhu Yahaya Appointed Pioneer SIWES Coordinator

The Vice Chancellor, Prof. Ibrahim Sabo Birnin Kudu has approved the appointment of Engineer Mustapha Nuhu Yahaya of Department of Civil Engineering as the pioneer University Students' Industrial Work Experience (SIWES) Coordinator. The Registrar, Fatima Binta Mohammed *mni*, who signed the appointment referenced letter FUTB/R/APP.01 dated 21st August, 2024. while congratulating him, said the tenure runs for a period of two years in the first instance, with effect from 21st August, 2024 to 25th August, 2026.

The appointment, according to the letter, is on the following terms and conditions: "(a) That you are responsible to the Vice Chancellor in conducting the affairs of the Unit and you are required to report to him, from time to time, on the development and /or issues concerning the Unit; (b) That you will, due diligence and hard work, exercise general superintendence over the affairs of the Unit; (c) That you will exhibit credible administrative leadership to the Unit; (d) That you will encourage democratic participation by other colleagues in running the affairs of the Unit; (e) Your appointment as University SIWES Coordinator may be terminated for good cause within the meaning assigned to it in the Laws establishing the University; (f) You should communicate to the University Management two months before the expiration of your tenure."

ANNOUNCEMENT

FEDERAL UNIVERSITY OF TECHNOLOGY, BABURA (TEMPORARY SITE)

MUSLIM UMMAH MASJID (VOLUNTARY) DONATION

We write to solicit your contribution to enable us to complete the construction of the Ummah Masjid at the temporary site of the university.

Contact Person(s): Muhammad Samir Habib
Account Details: 2020243722 Zenith Bank

(Final Account Division of Bursary Department)

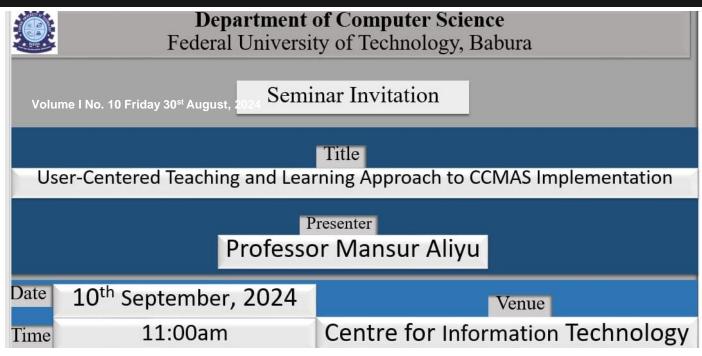
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