

3-Day Capacity Building Workshop for CL4STEM Core-Educators held at IBBUL, Nigeria.



■ VC IBBUL, Prof. Abu Kasim (Middle), giving remarks During the opening ceremony of the workshop, while DVC (Academics) Prof. Mohammed Ali Paiko (Right) and DVC (Admin) Prof. Hassan Ibrahim listening with keen interest

in training student teachers or In-service teachers. The workshop was aimed at building the capacity of the core-educators in content development using new pedagogical practices and technology enabled activities towards the proposed Open Education Resources (OERs) for the project.

During the opening ceremony of the workshop, the Management of Ibrahim Badamasi Babangida University, Lapai (IBBUL), led by the Vice Chancellor

In continuation of the knowledge transfer activities of the Connected Learning for Teacher Capacity Building in STEM (CL4STEM) project, a 3-day workshop was held on 16th – 18th November 2021 for Core Educators in the CL4STEM project in Nigeria. In the CL4STEM project, core-educators are faculty members of partner Universities who are involved



■ A cross section of the participants during the Workshop Opening Ceremony



■ A group photograph of IBBUL Principal Officers and Core Educators during the Workshop Opening Ceremony

IBBUL, Prof. Abu Kasim, attended briefly. In his team are the Deputy Vice Chancellor (Academics) Prof. Mohammed Aliyu Paiko, Deputy Vice Chancellor (Admin) Prof. Hassan Ibrahim, Registrar Alhaji Musa Ango Abdullahi and the University Librarian, Dr. Abubakar N. Usman.

Recognizing the importance of the workshop and by the extension the project, Prof. Abu Kasim commended the

project teams and core-educators who have been very cooperative despite the challenges experienced. The workshop was declared Open by the IBBUL Vice Chancellor. The workshop involved participants from project locations of Kano (Faculty Members from Bayero University, Kano), Kaduna (Kaduna State University) and Niger (IBB University, Lapai). The core educators were drawn from various relevant subject areas,

including Mathematics, Physics, Chemistry, and Biology. The workshop which was technically supported by the Tata Institute of Social Sciences (TISS), India, had participants work in groups: Mathematics, Physics, Chemistry, and Biology.

In their separate remarks, participants note that the workshop has improved their knowledge of teaching, by understanding better ways to explain concepts and enhance quality communication among learners, while promoting equitable and inclusive access to learning materials. The workshop was considered exciting and very useful, offering its participants with newly acquired skills and perspectives toward education and collaboration, setting out a good foundation for future engagements. Participants had employed these skills in the development of a draft content for the modules to be created in the OERs.



■ Cross section of Core Educators during the Workshop

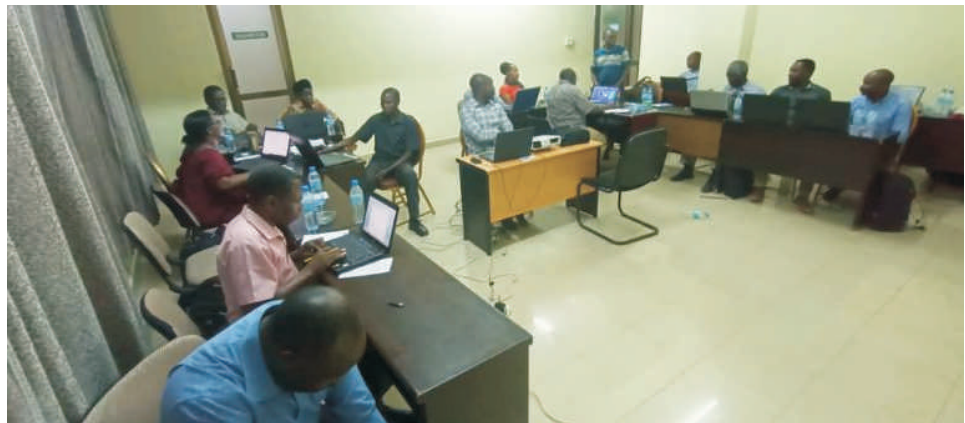
Open University Tanzania

held a 2-Day Best Practice Sharing Workshop on Module Creation

As part of the knowledge transfer activities of the Connected Learning for Teacher Capacity Building In STEM (CL4STEM) project in Tanzania, a 2-day workshop was held between the 17th – 18th November 2021 for Core Educators. In the CL4STEM project, core-educators are faculty members of Open University Tanzania (OUT) who are involved in

training student teachers or In-service teachers. The workshop was aimed at bringing together the core-educators to share best

practice as they undergo content development towards the proposed Open Education Resource for the project.



■ A cross-section of the participant during the workshop at OUT,



■ A group photograph of the participant during the workshop at OUT,

CL4STEM TAKES ADVOCACY TO ABUJA

20th-21st December, 2021

FEDERAL MINISTRY OF EDUCATION, ABUJA



■ **Mrs. Gbemisola Olanriyan**
*Deputy Director Technology
 Federal Ministry of Education*

On 20th December, 2021, the dissemination team of CL4STEM paid advocacy visit to the Federal Ministry of Education, Abuja. The team comprising of Prof. James Omonu, Prof. Musa Dickson and Dr. Naomi John Daddi-Mamud and Dr. Hussaini Majiya intimated the Ministry about CL4STEM. The Director of Science & Technical Education, Federal Ministry of Education, represented by Mrs. Gbemisola Olanriyan, Deputy

Director Technology, received the advocacy team of CL4STEM on behalf of the Permanent Secretary Federal Ministry of Education.

The ministry was delighted that such a project is ongoing in Nigeria, and pledged to fully support the project in whatsoever capacity the ministry might be requested to, as the project is in line with the agenda of the ministry to use innovative tools to enhance teaching and learning in Nigeria.



■ *Two Deputy Directors in Technology and Science Education Department, FMoE receiving the project brief from the Dissemination Team*

TRCN EXPRESSES WILLINGNESS TO COLLABORATE WITH #CL4STEM ON PROJECT



■ Prof. Josiah Olusegun Ajiboye
Registrar, TRCN

The Teachers Registration Council of Nigeria (TRCN) regulates and controls the Teaching Profession at all levels of education in Nigeria, both in the public and private sectors. It is therefore with enthusiasm that the Registrar of the Council, Prof. Josiah

Olusegun Ajiboye welcomed the CL4STEM team to the Council.

The stated objectives of CL4STEM align with the mission and vision of the Council. The Council has expressed its delight to partner with CL4STEM for the success of the project

A group photograph of TRCN Management and Dissemination Team



SCIENCE TEACHERS' ASSOCIATION OF NIGERIA (STAN) WILL PARTNER WITH CL4STEM



The Principal Administrative Officer of STAN, Ms. Patience Onochie who stood in for the Chief Executive of STAN received the CL4STEM Dissemination team. She noted that the aim of STAN is to raise the

standard of science education in the country at all levels of education and that CL4STEM project would help them achieve this. She therefore promised full collaboration with CL4STEM on the project.

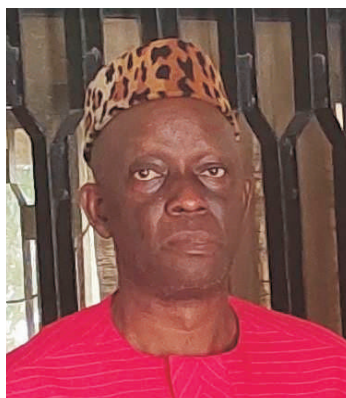
STAN is a not-profit making professional

association of Science, technology, engineering and mathematics teachers.



■ Ms Patience Onochie (Middle) in a group photograph with the Dissemination Team

NATIONAL MATHEMATICAL CENTRE PROMISES TO TEAM UP WITH CL4STEM TO ACCOMPLISH THE TASK AHEAD



■ **Dr. Benard Festus Azuka**
Registrar, National
Mathematical Centre

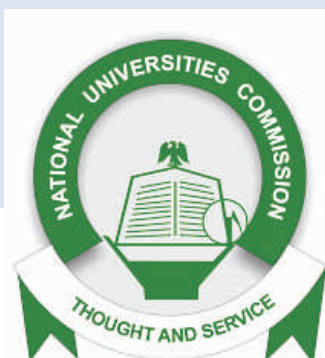
The registrar of the National Mathematical Centre Abuja has said the objectives of the CL4STEM project and the policy of the National Mathematical Centre align together, and thus sees the project team as partners in progress towards equipping Mathematics teachers in Nigeria towards excellent teaching delivery and enhanced learners' outcome.

The Registrar, an accomplished Mathematician who has authored about 50 Mathematics texts

promised that the Centre will be committed to helping the CL4STEM accomplish the project.



■ *The Registrar of NMC Abuja in a group photograph with the Dissemination Team*



NIGERIAN UNIVERSITY COMMISSION WELCOMES THE CL4STEM TEAM AND SEEKS TO KNOW MORE ABOUT THE PROJECT

The Nigerian University Commission (NUC) was very busy with accreditation exercises across the country when the team visited with most of the officers out of station. However, Deputy Director of Research, Innovation and IT, Dr. Margaret Ekkenna received the team on behalf of the Commission.

She commended IBB University for taking on such a

project and promise the commission would study the project brief and offer us

cooperation to accomplish the task ahead of CL4STEM



■ *Dr. Mrs Margaret Ekkenna, Deputy Director of Research, Innovation and IT, NUC, receiving the project brief from the Dissemination Team*

CL4STEM ADVOCACY VISITS IN NIGER STATE

22nd December, 2021



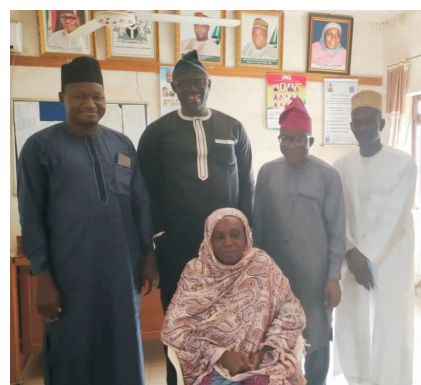
■ **Haj. Amina U. Mohammed**
Executive Chairperson
Niger State Secondary School Board

The executive Chairperson of the Niger State Secondary Schools Board, Hajia Amina U. Mohammed has stated that

NIGER STATE SECONDARY SCHOOL EDUCATION BOARD WILL PARTNER WITH CL4STEM ON PROJECT

the Board welcomed the idea of the project like CL4STEM in Niger State as it will improve the efficiency of science teachers in the school.

She stated this while receiving the Dissemination Team of CL4STEM to her office. She further added that the NSSSB would give the CL4STEM all the needed cooperation to ensure the success of the project.



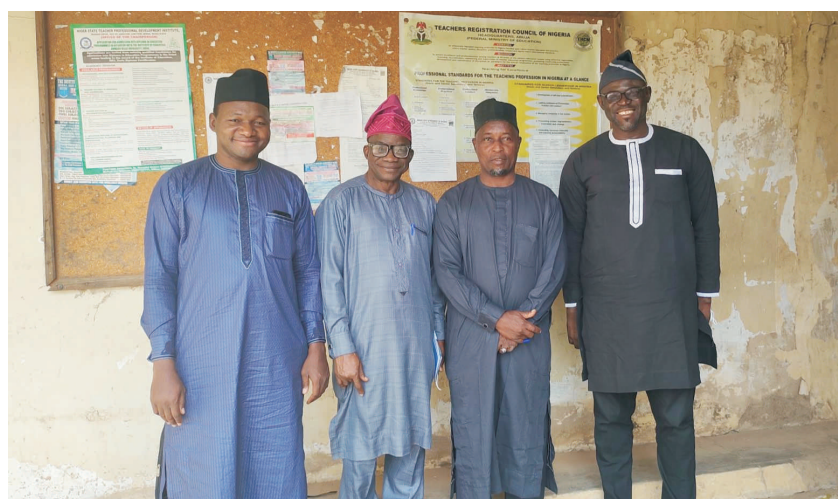
■ **Haj. Amina U. Mohammed and some other Board Member of (NSSSB) in a group photograph with the Dissemination Team**

NIGER STATE SCIENCE AND TECHNICAL EDUCATION BOARD RECEIVES CL4STEM TEAM

The Deputy Director Planning Research and Statistics of the Niger State Science and Technical Education Board on behalf of the Executive Secretary of the Board received the Dissemination Team of CL4STEM. The team explained the project to the Board, and the Deputy Director expressed his delight that such a project would benefit some newly qualified teachers in Sciences in Niger State.

He conveyed the gratitude of the Board to the team for the advocacy visit and committed

to supporting the team on the project.



■ **Deputy Director PRS, NSSTEB, in a group photograph with the Dissemination Team**

NIGER STATE MINISTRY OF EDUCATION COMMITTED TO THE IMPROVEMENT OF SCIENCE TEACHERS IN NIGER STATE

CL4STEM has been described a viable project that will meet an urgent need of the Nigers State Ministry of Education in the area of enhancing the capacity of newly qualified teachers in some secondary schools in Niger State. This

commendation was given by a director in the State Ministry of Education who represented the Permament Secretary, Ministry of Education, to receive the Disemmination Team of CL4STEM to the ministry.

He said the project is a welcome development as t it will go a long way in enhancing the skills of science teachers in the state. He further stated that the Ministry is fully ready to support the project



■ Ministry of Education NGS in a group photograph with the Dissemination Team

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