



Niger State Ministry of Education Reaffirm Support for CL4STEM



■ Commissioner of Education Niger State, Hajiya Hannatu Jibrin Salihu giving her remarks while VC IBBUL, Prof. Abu Kasim Adamu and other important dignitaries listening with keen interest during the occasion of CL4STEM OERs Module Launch and NQT Orientation.

The call was made by the Commissioner of Education Niger State, Hajiya Hannatu Jibrin Salihu while giving her remarks at the occasion of CL4STEM OERs Module Launch and NQT Orientation held on 24-25th May 2022 in Minna by the Ibrahim Badamasi Babangida University Lapai.

The Commissioner appreciated the Management of IBBUL for bringing the project to the State, stating

A call has been made to all stakeholders in the educational sector to embrace technology in all aspects of teaching and learning in the school system.

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IBBUL VC Admonishes the Selected Secondary School Science Teachers for CL4STEM in Niger State

Selected secondary school science teachers for CL4STEM in Niger State and their principals were among other participants at the launching of Connected Learning for Teacher Capacity Building in STEM (CL4STEM) Open Education Resource (OER) modules for Physics, Chemistry, Biology and Mathematics which took place on the



■ VC IBBUL, Prof. Abu Kasim Adamu giving remarks during the OER Module Launch.

24th May, 2022 at the Ibrahim Badamasi Babangida University, Lapai (IBBUL).

Addressing the participants at the module launch, the Vice Chancellor of IBBUL, Prof Abu Kasim Adamu urged the participants to utilize the moment and double their effort towards the teaching and learning of science and mathematics subjects in secondary schools. He said the project was aimed at developing the capacity of the secondary school teachers in mathematics and science subjects in order to make the whole process easier and also to motivate the students to

key into learning science related subjects.

Prof Adamu stated that effective and efficient use, as well as promotion of science and technology is the major drive towards development of any nation, as such, CL4STEM project is a very timely and welcome development. He therefore expressed delight for IBBUL to be the lead of the CL4STEM project consortium.

Also speaking at the occasion, the CL4STEM Project Lead-Prof Nuhu G. Obaje, spoke on the significant of the

project. He stated that the project involves knowledge transfer of Connected Learning Initiatives (CLIX) which is an online design lab course aimed at producing more graduates of science and technology. Prof Obaje explained that the project is an ICT driven technology that is expected to reach remote areas where schools might not be found.

Participants at the occasion expressed gratitude to the IBBUL saying that the CL4STEM Project is indeed timely as it will go in a long way in helping the teachers to teach their subjects effectively.

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that Science, Technology, Engineering and Mathematics (STEM) are the core foundation of modern civilisation and development, as such, it is a welcome initiative that would be accepted by the present government of Niger State.

Hajiya Hannatu Jibrin expressed gratitude for selecting the Ministry as one of the stakeholders, as she said this act of recognition will reflect in fast-tracking the adoption and adaptation of innovative technology for capacity building of newly qualified teachers towards

strengthening secondary school science, technology, engineering and mathematics instruction and teachers' pedagogical content.

She therefore recognised the effort of research team for

the project, as well as the management of IBBU Lapai, promising the Ministry's full support and commitment in deploying the modules to schools across the State in other to achieve the objectives of the project.



■ A group photograph of the CL4STEM Team with the Hon. Commissioner of Education Niger State, Hajiya Hannatu Jibrin Salibu during the OER Module Launch and NQT Orientation in Minna.

CL4STEM OER Module Launch and NQTs Orientation Workshops held in Kano, Kaduna, and Niger



■ A group photograph of CL4STEM Team and some participants during the occasion of CL4STEM OER Module Launch and NQT Orientation in Kano State

In continuation of its knowledge transfer activities, the Connected Learning for Teacher Capacity Building in STEM (CL4STEM) launched Open Education Resource (OER) modules for Physics, Chemistry, Biology and Mathematics as well as orientation for Newly

Qualified Teachers (NQTs) on the use of OER modules. The module launch took place in Kano State on 17th-18th May, 2022 at the Bayero University, Kano (BUK), in Kaduna State on 19th -20th May 2022 at the Kaduna State University (KASU), Kaduna and finally in Niger State on 24th -25th May, 2022 at the Ibrahim Badamasi

Babangida University, Lapai (IBBUL).

In each state, the opening ceremony of the CL4STEM OER module Launch and NQT orientation was attended by the Vice Chancellor/Representative of the host University, Commissioner of Education/Representative, State Ministry of Education Directors of relevant Departments /Boards, State Directors of Nigeria Educational Research and Development Council (NERDC) and Teachers' Registration Council of Nigeria (TRCN), Principals of project intervention and control schools, and the respective teachers of science and mathematics participating in the project (NQTs) from the intervention and control schools, Science Teachers Association of Nigeria (STAN), and Mathematical Association of Nigeria (MAN) State Chairpersons.



■ A group photograph of CL4STEM Team during the occasion of CL4STEM OER Module Launch and NQT Orientation in Kaduna State.

At the sites of CL4STEM OER module launch and during opening ceremonies, Prof Nuhu G. Obaje who is the CL4STEM Project Lead,

gave presentations on the overview of CL4STEM project and the status of IBBUL in the Consortium. Remarks and Goodwill message was received virtually from Prof Mythili Ramchand of the Tata Institute of Social Science (TISS), India - the Technical Consultant/Partner of CL4STEM. Remarks on the Curated OERs Modules was given by the CL4STEM Adaptation Team Lead, Prof. A.A. Salihu while remarks on the expected roles of specific stakeholders in the implementation and scaling of the CL4STEM Project in Nigeria was given by the CL4STEM Research Team Lead, Prof. M.T. Mustapha.

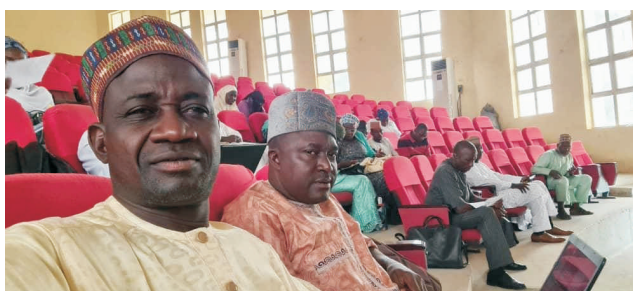
The highlights of the module launch opening ceremonies were the remarks and formal e-launch of the OERs subject



■ A group photograph of CL4STEM Team and participants during the occasion of CL4STEM OER Module Launch and NQT Orientation in Niger State

modules by the vice chancellors of host universities-IBBUL, BUK, and KASU as well as remarks and formal presentation/demonstration of module e- platform access to all stakeholders by the commissioners of education of the respective states and who were the Special Guest of Honour. Remarks and goodwill message were also

given by the Executive Directors/ Secretary of Science and Technical Schools' Boards of the respective states. Goodwill Messages and expressions of commitment and support towards actualization of the CL4STEM project objectives were given by representatives of Principals, Directors, Professional Associations and the NQTs.



■ Some selected photographs of CL4STEM OER Module Launch and NQT Orientation Workshops held in Kano, Kaduna, and Niger

Remarks by the Niger State Commissioner of Education at the CL4STEM OER Module Launch and NQT Orientation in Minna

ON TUESDAY, 24TH MAY, 2022

Let me express my excitement and appreciation for being part of this important event organized to launch the CL4STEM OERs, SCIENCE AND MATHEMATICS MODULE Project. It is no gainsaying that it is universally recognized that Science, Technology, Engineering and Mathematics (STEM) are at the very foundation of modern civilization and development. Therefore, any initiative that is designed to popularizing the teaching, learning and appreciation of STEM is a welcome development for us in the education sector.

The COVID 19 pandemic had exposed us to the need to deploy technology in the planning and delivery of education. I remember vividly when we were caught off guard with the inevitable closure of schools for a very long time. We had to adjust quickly to leverage on technology to achieve continuity of learning. We had to take recourse to use of radio programmes and the internet.

Presently, the Federal Ministry of Education is working with us on Project – Learning Passport aimed at the deployment of digital platform for enhancing teaching and learning in the school system.

It is therefore gratifying for me to know that the Ministry, as a critical stakeholder, had been introduced to this project aimed at 'the adoption and adaptation of innovative technology for capacity building of newly qualified teacher towards strengthening secondary school Science, Technology, Engineering and Mathematics instruction and teachers' pedagogical content'. So, it is safe to say that with today's launching of the modules we are at the point of practical application.

Permit me to appreciate and congratulate the Management of IBBU Lapai for this very important achievement. No doubt, the use of the Modules would add value to popularizing, teaching and learning STEM in Secondary Schools. Let me assure IBBU



Lapai that we shall collaborate with the team driving the project to deploy the module so as to achieve the objectives of the project. You can always count on cooperation and commitment.

On behalf of His Excellency, Alhaji (Dr.) Abubakar Sani Bello, Governor of Niger State, I have the honour to express and extend his best wishes and support to the management of IBBU Lapai and the research team driving the CL4STEM project.

Thank you and God Bless

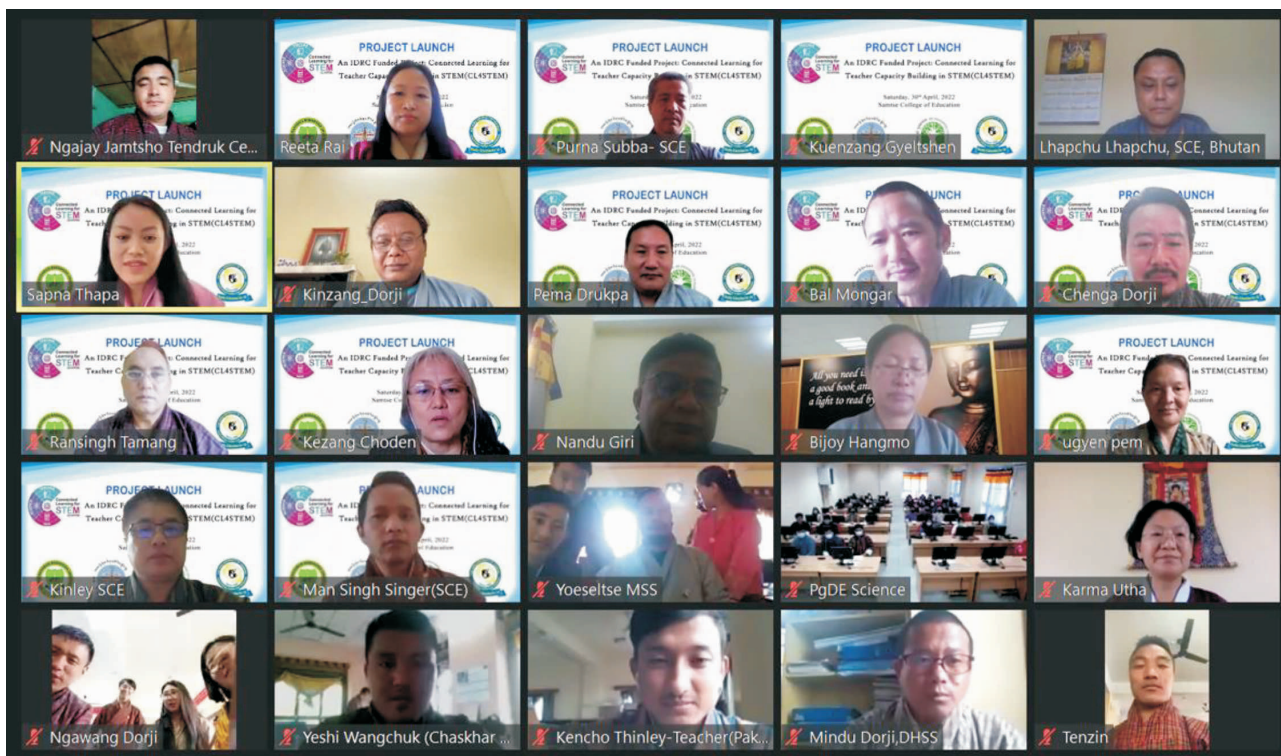
CL4STEM Project Successfully Launched in Bhutan

An IDRC-funded project called Connected Learning for Teacher Capacity Building in STEM was successfully launched virtually on April 30, 2022. The Director General of the Ministry of Education's Department of School Education, other MOE officials, Samtse Dzongkhag's Education Officers, Principals, and STEM teachers from middle and high schools were among those who attended. Mr. Kuenzang

Gyeltshen, the officiating President, launched the project with a welcome note emphasizing the importance of STEM teaching-learning and assessment. He also congratulated the STEM faculty members and expressed his best wishes for the project's successful completion.

Dr. Reeta Rai, the CL4STEM project's coordinator, then provided a summary of the project's aims, objectives, and

activities. She elaborated on how the experimental STEM in-service and pre-service STEM teachers' professional development will be carried out in participatory and localized ecosystems through a virtual learning environment, Moodle, and Telegram chat. She also stated that upon successful completion of the open education resources (OERs), participants will be awarded certificates.



■ A snap shot of the Virtual Platform during the CL4STEM Project Launch in Bhutan

Photo Gallery of CL4STEM OER Module Launch in Tanzania

19th - 20th May, 2022

The Open University of Tanzania (OUT) launched the CL4STEM OER modules and conducted a training workshop for selected teachers from 18 schools in the 6 regions of Tanzania.



Photo Gallery of CL4STEM OER Module Launch & NQT Orientation in Niger State

24th - 25th May, 2022



Photo Gallery of CL4STEM OER Module Launch & NQT Orientation in Kaduna State

19th - 20th May, 2022



Photo Gallery of CL4STEM OER Module Launch & NQT Orientation in Kano State

17th - 18th May, 2022



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