

STAFF-TRAINING

TRAINER OF TRAINERS (ToT) WORKSHOP ON AGILE LEARNING & TEACHING

FIRST SESSION

ProREG, in collaboration with **Technische Universität Berlin (TUB)**, **Kwame Nkrumah University of Science and Technology (KNUST)**, and the **University for Energy and Natural Resources (UENR)**, hosted a **Trainer of Trainers (ToT) Workshop on Agile Learning and Teaching**. The workshop took place on the 3rd and 4th of March 2025 at the Engineering Guesthouse Conference Room, KNUST, bringing together educators, trainers, and experts.

This two-day event provided an in-depth exploration of modern, flexible, and technology-driven teaching approaches. Participants were equipped with agile learning techniques designed to enhance education and foster dynamic, adaptive teaching practices.



Figure 1: Group photo of participants on the first day of the ProREG ToT Workshop, 3rd March 2025.

The workshop kicked off with opening remarks by **Prof. Ato Quansah**, setting the stage for two days filled with insights and hands-on experiences. **Prof. Samuel Gyamfi** and **Dr. Joerg Longmuss** introduced participants to the fundamentals of agile learning, exploring how it differs from traditional teaching methods.

One of the highlights was a case study session featuring **Dr. Lena D. Mensah** and **Dr. Felix D. Amankwah**, where real-world applications of agile learning in engineering and renewable energy were discussed.

The day continued with **Prof. William Oduro**, who led an interactive session on mapping traditional teaching versus agile teaching, sparking engaging discussions. **Prof. Eric A. Asante**, Director of the E-Learning Center at KNUST, guided participants through digital tools for agile learning—including Moodle, MS Teams, and Trello—followed by a practical session on setting up agile learning platforms. The day concluded with closing remarks by **Prof. Joseph Akowuah**.

SECOND SESSION

The second day focused on bringing agile teaching to life in the classroom. **Prof. Francis Atiogbe** led a session on the role of iteration and feedback in agile learning, with an emphasis on problem-based learning (PBL) and real-world case studies.

As the workshop progressed, **Dr. Lena D. Mensah** guided attendees through drafting action plans for implementing agile learning in their respective institutions. A peer review session provided valuable feedback to refine these plans. **Prof. Joseph Akowuah** returned to the stage to lead a session on monitoring and evaluation, helping participants set measurable indicators for tracking progress. Leveraging the skills and knowledge gained during the workshop, he then evaluated participants' progress using **Mentimeter**- an online platform used to create and deliver interactive presentations, polls, quizzes, and word clouds, engaging audiences in real-time through their own devices.



Figure 2: Presentation by Participants on a draft action or plan using Agile learning principles

The event concluded with a commitment-sharing session led by **Prof. Ato Quansah**, **Prof. William Oduro**, and **Prof. Samuel Gyamfi**, where participants outlined their next steps in adopting agile teaching methodologies. **Prof. Patrick O. Boaky** brought the workshop to a close with a heartfelt prayer.

It was an exciting and transformative two-day experience, and we look forward to seeing how participants apply their newfound knowledge to shape the future of education!



Figure 3: Presentation by Prof Joseph Akowuah on Monitoring and evaluation







TRAINER OF TRAINERS WORKSHOP ON AGILE LEARNING AND TEACHING

Date: 3rd March, 2025

Time: 9 am – 2 pm

Venue: Engineering Guesthouse Conference Room, KNUST, Kumasi

Day 1: Understanding Agile Learning Principles

Time	Content	Responsible
9:00 – 9:10	Opening Remarks	Prof Ato Quansah
Day 1: Session 1: Introduction to Agile Learning		
9:10 – 9:40	Overview of Curriculum Development Process	Prof. Samuel Gyamfi
9:40 – 10:00	Overview of agile teaching and learning methodologies	Dr. Joerg Longmuss
10:00 – 11:00	Case studies of agile learning in engineering and renewable energy	Dr. Lena D. Mensah, Dr. Charles Sekyere Dr. Felix D. Amankwah Dr. Gifty S. Mensah
Break (11:00 – 11:20)		
11:20 – 12:00	Interactive Activity: Mapping traditional vs. agile teaching	Prof. William Oduro
Day 1: Session 2: Integrating Digital Tools		
12:00 – 12:30	Using technology to facilitate agile learning (e.g., virtual labs, simulations).	Prof. Eric A. Asante
12:30 – 13:00	Training on tools like Moodle, MS Teams, or Trello for task management.	Prof. Eric A. Asante
13:00 – 13:50	Practical Session: Setting up and using agile learning platforms	Prof. Eric A. Asante
13:50 – 14:00	Closing remarks	Prof Joseph Akowuah
Take Away Lunch (14:00pm)		



TRAINER OF TRAINERS WORKSHOP ON AGILE LEARNING AND TEACHING

Date: 4th March, 2025

Time: 9 am – 2 pm

Venue: Engineering Guesthouse Conference Room, KNUST, Kumasi

Day 2: Professional and Didactic Qualification

Time	Content	Responsible
9:00 – 9:10	Opening Remarks	Prof Ato Quansah
Day 2: Session 1: Agile Teaching Strategies		
9:10 – 9:40	Role of iteration and feedback in agile learning	Prof. Francis Atiogbe
9:40 – 10:00	Engaging learners through problem-based learning (PBL) and real-world case studies	Prof. Francis Atiogbe
10:00 – 11:30	Hands-On Activity: Designing an agile classroom activity	Prof. Francis Atiogbe
Break (11:30 – 11:50)		
Day 2: Session 2: Developing an Action Plan		
11:50 – 12:30	Participants draft plans for implementing agile learning in their institutions (Peer review and feedback on action plans)	Dr. Lena D. Mensah
Day 2: Session 3: Monitoring and Evaluation		
12:30 – 13:00	Setting indicators for success and methods for tracking progress	Prof Joseph Akowuah
13:00 – 13:30	Workshop Wrap-Up: Sharing commitments and next steps	Prof Ato Quansah Prof. William Oduro Prof. Samuel Gyamfi
Take Away Lunch (13:30pm)		