



# ChatGPT: Implications for Teaching and Teacher Training

## Overview

In developing countries, education faces substantial challenges including an ongoing learning crisis, widespread learning loss exacerbated by the pandemic, a significant shortfall of teachers and disparity in access to quality education<sup>1</sup>. These issues demand innovative, effective solutions where Artificial Intelligence (AI) can play a pivotal role<sup>2</sup>. However, the transformative potential of AI tools such as ChatGPT (Generative Pretrained Transformer) in the context of teaching and teacher training in these countries remains unexplored.

A number of teachers and other education stakeholders have demonstrated the capacity of AI to interpret educational content, construct innovative lesson plans and facilitate dynamic learning environments. Some have argued that it shows tremendous promise for transforming education and training, including settings where resources are limited.

This webinar seeks to introduce participants to ChatGPT and provide practical insights into adoption in teaching and teacher training in developing country contexts.

<sup>1</sup> World Bank (2022) State of Global Learning Poverty: 2022 <https://www.worldbank.org/en/topic/education/publication/state-of-global-learning-poverty>

<sup>2</sup> UNESCO (2023) Chat GPT and Artificial Intelligence in Higher Education: Quick Start Guide



## Date & Time:

**Thursday 22 June 2023**

3:00 PM (GMT)

8:00 AM (Pacific Time)



## To register:

**Please use the following link:**

<https://t.ly/kc3q>



## COL Team:

**Dr Betty Ogange**, Education Specialist:  
Teacher Education (Moderator)

**Dr Evode Mukama**, Adviser:  
Teacher Education

**Karmila Harder**, Programme Assistant

**E-mail:** [teachereducation@col.org](mailto:teachereducation@col.org)



## Panellists



**Dr V Balaji** is the Vice President of COL. He is a specialist in ICT and rural development. His work at COL in applied technology includes testing new models and practices in technology-mediated outreach to support learning at all levels. He has recently developed an AI-powered helpdesk for the Moodle platform that was successful in trials.

**Bimali Indrarathne (PhD)** is an Associate Professor in Applied Linguistics at the University of York, UK. Bimali's research experience includes university contexts and schools in Sri Lanka, where she runs teacher education projects on learning difficulties, inclusive language teaching practices and technology in language teaching.



**Professor Freda Wolfenden** is a Professor of Education and International Development in the Faculty of Wellbeing, Education and Language Studies at the Open University, UK. Freda's work is concerned with enhancing the quality of pedagogic practices and teacher development, particularly in low-income contexts, using new technologies and OER.

**Paul Birevu Muyinda (PhD)** is an Associate Professor of Open, Distance and eLearning (ODEL), and the Director of the Institute of ODeL at Makerere University, Uganda. Paul has authored numerous articles and has extensive experience in teacher training, pedagogy and the integration of AI and other digital tools in education.

