

Certificate in Robotics, Coding & AI for Educators and Facilitators

Prepare yourself for the future of education with this exciting, hands-on professional development programme designed for teachers, facilitators, trainers, and aspiring STEM educators.

As schools around the world embrace Coding, Robotics, Artificial Intelligence (AI), and STEM education, there is an increasing demand for professionals who can confidently teach these future-ready skills. This course equips participants with practical knowledge and teaching strategies to introduce Robotics, Coding, Computational Thinking, AI, and Digital Literacy across Early Childhood Development (ECD), Primary, and Secondary education.

Participants will gain hands-on experience using educational technologies such as Micro, Arduino, Blix Construction Kits, Scratch, MakeCode, Python, and AI-powered educational tools while learning how to design engaging lessons, assess learners effectively, and create fun, project-based learning experiences.

Whether you are an experienced teacher, an ECD practitioner, an ICT professional, a recent graduate, or someone looking to start a career as a Robotics or Coding Trainer, this programme provides the practical skills and internationally relevant knowledge needed to succeed in today's rapidly evolving digital world.

Upon completion, graduates will be well-positioned to:

- Teach Robotics, Coding, and AI in schools and learning centres.
- Facilitate STEM clubs, coding academies, and holiday programmes.
- Deliver robotics and coding workshops for schools and organisations.
- Integrate technology into classroom teaching across different subjects.
- Build a rewarding career as a Robotics, Coding, or AI Facilitator.
- Inspire the next generation of innovators, problem solvers, and digital creators.

Join this course to shape the future of education!