

# Artificial Intelligence in Education

WIHEA Learning Circle (Open)

## Introduction

- The AI in Education Learning Circle, founded in 2023, is an open community of members drawn from diverse roles and departments across Warwick, aimed at improving understanding and expertise in integrating generative AI in higher education.

## Looking Ahead

- The Learning Circle will continue to develop its four sub-groups, building on the activities and outputs of 2025/26.
- With the landscape of generative AI in higher education evolving rapidly, the Learning Circle remains committed to ensuring Warwick staff and students are supported with relevant, timely, and discipline-sensitive guidance.

## Specialised Subgroups

### AI and the Future of Assessment

- Led by Claire Rocks & Saran Shantikumar
- Explores AI-robust assessment formats: graphical abstracts require students to visually summarise research findings in ways current AI tools cannot replicate, with DALL-E outputs showing anatomical inaccuracies and visual incoherence.
- Combines penalty-marked critical analysis MCQs, short answer questions, and images from paywalled papers to rethink question design.
- Instructors find these formats practical to mark and easy to refresh yearly; students build transferable scientific communication skills.

### Overcoming Barriers to the Use of AI

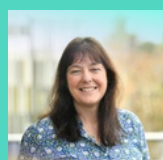
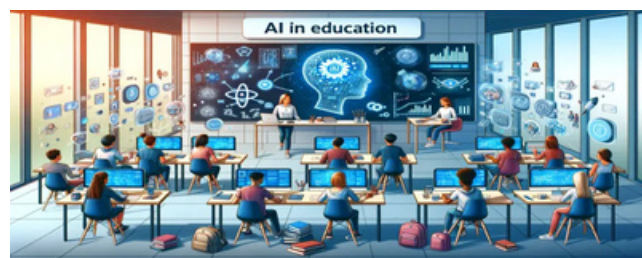
- Led by Jianhua Yang, Kerem Oge & Maryam Masood
- Combined AI-assisted literature analysis with a Warwick staff survey, finding ethical concerns, time constraints, and lack of institutional guidance as the most prevalent barriers to GenAI adoption.
- Found disciplinary and role-based differences: non-STEM staff reported stronger ethical/cultural barriers, while STEM and professional services staff faced greater institutional barriers, showing a one-size-fits-all policy isn't sufficient.

### AI Literacy (Tools and Techniques)

- Led by Manoj Babu & Neha Gupta
- Curating AI literacy resources for educators: the sub-group has compiled a range of external resources covering AI tools, prompt engineering, and generative AI in higher education, alongside an internal AI Literacy Series featuring sessions on demystifying LLMs and increasing productivity with AI tools.

### AI Integrity: Ethics, Education and Society

- Led by Karen Jackson & Gemma Gray
- Developed institutional guidance on academic integrity and AI, including a certified Moodle course on good academic conduct aligned with Warwick policy, usable as evidence in academic conduct proceedings.
- Gathering feedback from students and staff to expand the course, with ongoing work on accessibility.



**Co-lead**  
**Karen Jackson**  
Research and  
Academic Support  
Manager, Library



**Co-lead**  
**Dr Jianhua Yang**  
Associate Professor -  
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**Co-lead**  
**Dr Neha Gupta**  
Assistant Professor  
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**Total Members**

**216**