

SEDA Spring Conference 2024



Session Title: The TIRIgogy approach to continuing professional development in Higher Education

Session Type: Lightening talk (10 mins)

Main presenter(s): Nurun Nahar, University of Bolton

Co presenter(s): None

Session Summary: The UK Government's recent report on Generative Artificial Intelligence I in Education makes recommendation for staff to teach students essential AI literacy skills to build a future focused workforce. However, the issue of 'who will train the trainers' is not fully addressed. This talk will highlight how at subject discipline, schools can promote critical AI literacy in staff for effective implementation of this policy.

Session Outline: This presentation will exemplify how the Greater Manchester Business School (GMBS) is leading cultural change with adoption of Generative Artificial Intelligence for teaching and learning by introducing TIRIgogy – a unique continuing professional development series. It will highlight how Higher Education Institutions can support and guide staff with integration of Generative Artificial Intelligence (Gen AI) into teaching and learning by building communities of practice not just within individual disciplines or schools but through multi-disciplinary collaborations. The case study will examine the effects and outcomes of recent staff continuous professional development (CPD) efforts, aimed at addressing growing uncertainties and misinformation surrounding AI and its effects on teaching and learning within the institution.

Although the UK government's commitment to integrating GAI into the curriculum (Gov.uk, 2023) for a knowledge rich learning experience is forward thinking, the effectiveness of this policy relies on educators' capacity to adapt to and integrate GAI tools into their teaching practices (Kaplan-Rakowski, R et al, 2023). A recent Higher Education discussion forum (LTHEChat, 2023) on how educators can embed GAI in teaching and learning preparation revealed that, most HEIs in the UK have left it to educators to self-train on using GAI tools instead of providing AI literacy support for all staff for efficient use of these transformative tools in lesson preparation or curriculum delivery (Nahar, 2023).

The lightning talk will build on current initiatives undertaken within GMBS dedicated to promoting awareness of Gen AI application in Higher Education. It will emphasise how at subject discipline level; institutions can drive a culture of digital transformation through community of practice to exchange knowledge and ideas on practical applications of Gen AI into teaching and learning and provide a safe space for addressing practical and ethical concerns related to embedding Gen AI whilst providing an opportunity for critical Ai literacy skills development in staff.

References: Kaplan-Rakowski, R., Grotewold, K., Hartwick, P. and Papin, K., (2023). Generative AI and teachers' perspectives on its implementation in education. *Journal of Interactive Learning Research*, 34(2), pp.313-338.

Gov.uk (2023) Generative artificial intelligence (AI) in education. Policy paper. [Online] Available from <https://www.gov.uk/government/publications/generative-artificial-intelligence-in-education/generative-artificial-intelligence-ai-in-education> [Accessed 09/01/2024]

Nahar, N. (2023) #LTHEChat 273: How do we embed Gen AI tools in teaching and learning preparation? [Online] Available from <https://lthechat.com/2023/10/16/lthechat-273-how-do-we-embed-gen-ai-tools-in-teaching-and-learning-preparation/> [Accessed 09/01/2024]

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