



Using Artificial Intelligence (AI) in the College Contexts

Bedford College Group, Centre for Research and Scholarship



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Objectives of our Workshop



Objective 1

To explore your positionality using artificial intelligence in a College Context



Objective 2

To discuss artificial intelligence's strengths, weaknesses, opportunities and threats in the College Context



Objective 3

To discuss and explore potential collaborative research opportunities around artificial intelligence in CBHE

MEET THE TEAM



Farzana Khan
Higher Education
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Mahruf Shohel
Research and
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Manager



Alex Mortby
Vice Principal,
Curriculum, Higher
Education and
Research



Charlie Whewell
Group Head of
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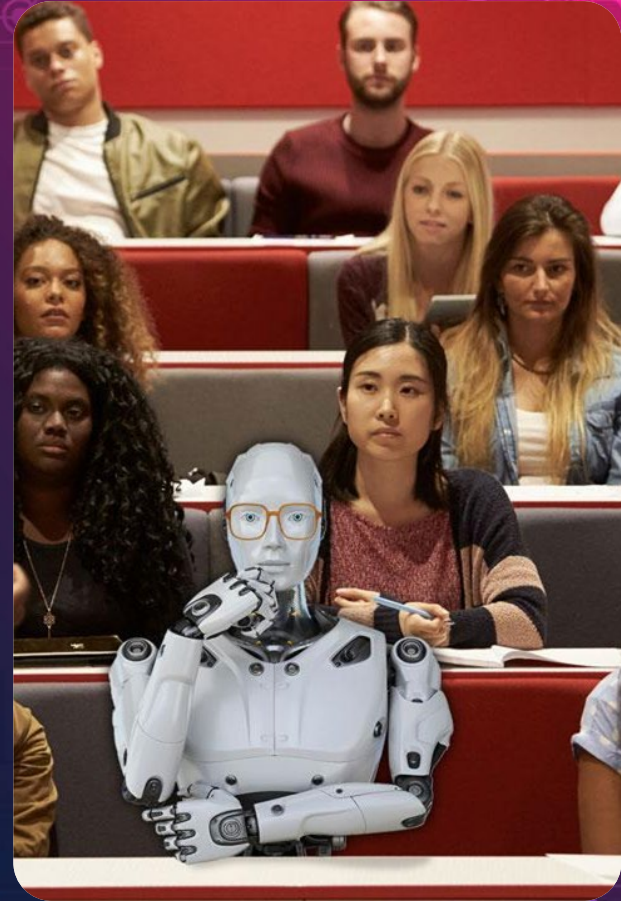


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What is Artificial Intelligence (AI)?

What is Artificial Intelligence?

Artificial Intelligence (AI) has become ingrained in the fabric of our society, often in seamless and pervasive ways that may escape our attention day-to-day. The ability of machines to sense, process information, make decisions and learn from experience is a transformative tool for organizations, from governments to big business. However, these technologies pose challenges including social and ethical dilemmas. (Oxford, 2023)





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AI in the College Context

AI in the College context



The integration of AI technologies in Colleges has the potential to revolutionise the way we learn, teach, and engage with knowledge.



Through this session we will explore the potential applications and benefits of AI in Colleges, illustrating how it could enhance the educational experience for both students and colleagues.



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Activity:
How do you envisage the
continued development
and impact of AI in
Colleges?



Activity:

How do you envisage the continued development and impact of AI in Colleges?



How do you envisage the continued development and impact of AI in Colleges?



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Potential Applications of AI in CBHE

Potential Applications of AI in CBHE



Personalised
learning



Intelligent tutoring
systems



Automation of
tasks – repeated
admin tasks



Data driven
decision making



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What could artificial intelligence (AI) do for Colleges?



What could AI do for Colleges?

01

Making Colleges more accessible for our students through providing automated student support

02

Increase student and customer engagement

03

Increased efficiency

04

Reduced costs:

05

Improved student outcomes



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What are the drawbacks of AI in a College Context?



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What are the drawbacks of AI in a College Context?

Equity of access
for our students



Privacy and
security risks



Bias and fairness



Ethical dilemmas – using
AI to predict student
outcomes based on
known data

Overreliance on
technology

Job displacement



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Activity:
**What are the Strengths,
Weaknesses,
Opportunities and
Threats of AI in Colleges?**





Activity:

What are the Strengths, Weaknesses, Opportunities and Threats of AI in Colleges?

<https://padlet.com/amortby2/what-are-the-strengths-weaknesses-opportunities-and-threats--vuahty3bl9mtwa9u>



Activity: Discuss with Colleagues these three questions...



What are the
highest
priority
opportunities
and threats
for AI
development
in CBHE?



Which areas
of AI are
significant to
CBHE?



How can we
share ideas
for research
collaboration
about AI?



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What are the Bedford College Group Exploring...

The Bedford College Group



Chat Bots



Bedford College Group Chatbot 13:53

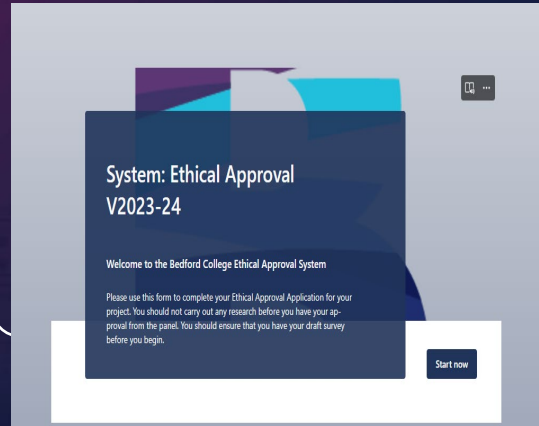
Hello!

I'm Charlie, and I'm going to do my best to help you today! 😊

Firstly, please can you share your full name with me?



Document and Decision Automation



College Metaverse





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Any Questions?

**Bedford College Group, Centre for Research and
Scholarship**

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References

Oxford, U. of (no date) Artificial Intelligence Concepts, Oxford University, Department for Continuing Education. Available at: <https://www.conted.ox.ac.uk/courses/introduction-to-artificial-intelligence-online> (Accessed: 01 July 2023).



Extra Materials

UK universities draw up guiding principles on generative AI (The Guardian) <https://www.theguardian.com/technology/2023/jul/04/uk-universities-draw-up-guiding-principles-on-generative-ai>

This article discusses how UK universities are developing guidelines for the use of generative AI in teaching and assessment. The article also discusses the potential risks of AI plagiarism and how universities are working to address these risks.

The UK's top universities reached an agreement on how to deal with generative AI (Quartz) <https://qz.com/russel-uk-universities-generative-ai-students-1850603771>

This article discusses how the UK's top universities have reached an agreement on how to deal with the use of generative AI in student assignments. The article discusses the potential benefits and risks of AI plagiarism, and how universities are working to protect academic integrity.

UK schools 'bewildered' by AI and do not trust tech firms, headteachers say (The Guardian) <https://www.theguardian.com/technology/2023/may/20/uk-schools-bewildered-by-ai-and-do-not-trust-tech-firms-headteachers-say>

This article discusses how UK school leaders are concerned about the potential risks of AI in education. The article discusses the potential for AI to be used for cheating, as well as the potential for AI to have a negative impact on student mental health.

Study artificial intelligence and robotics in the UK (British Council) <https://study-uk.britishcouncil.org/plan-studies/choosing-course/subjects/artificial-intelligence-robotics>

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