

FOR OFFICIAL USE

Course:

CUHK Mitsubishi Electric Eco Tech Cup
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Presentation PowerPoint(Prelim)

This proposal explores how Artificial Intelligence (AI) can revolutionize education while prioritizing equity, transparency, and the well-being of students and educators. Recognizing the rapid growth of AI-based technologies, the proposal calls for the implementation of equitable policies, frameworks, and initiatives to ensure the responsible and effective integration of AI in education.

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SUSTAINABLE DEVELOPMENT PROJECT



CONTENT

01

Background

02

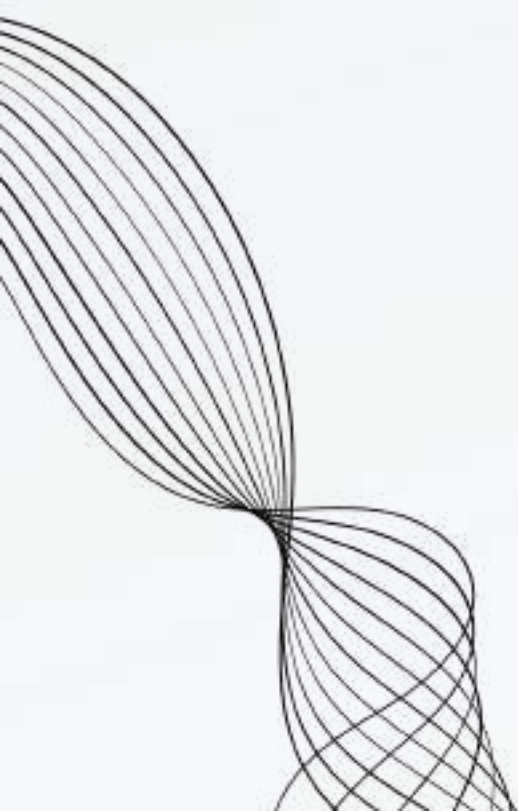
Overarching
Framework

03

Priority
sector

04

UNESCO
Targets





AI USAGE WITHIN EDUCATIONAL SECTORS



PRIMARY ISSUES

Lack of AI being applied to education

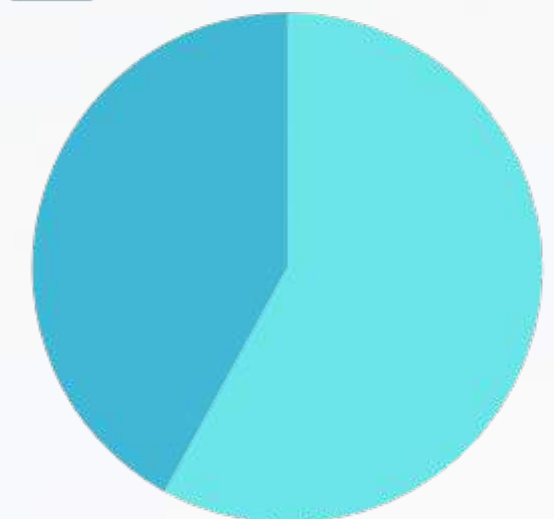
Global AI Summit

- 2022 Summit: Over **200** experts and **10,000** participants from **90** countries.

AI Startups and Investments

- **\$500 million investment** in Magic Leap alone.
- Local AI Startups: Noon Academy **raised \$13 million** in Series B funding.

Confident in AI
Not Optimistic



Implementing the SCALE Framework

01

Introduction of 'SCALE' Framework

Overview of the SCALE framework

Importance and benefits of the framework

Key components of SCALE

02

Training for Educators and Stakeholders

Workshops and seminars

Online training modules

Certification programs

03

Integration of AI Tools in Curriculum

AI-driven learning platforms

Personalized learning experiences

Automated grading and feedback

04

Continuous Monitoring and Evaluation

Regular assessment cycles

Feedback mechanisms

Data analytics for improvement

05

Student-Centric Learning Environment

Focus on individual student needs

Interactive and engaging content

Supportive learning atmosphere

SCALE?

Core/Common framework

Stakeholders / educators and students can use a standardised system to guide each idea and ensure effective communication

Accessibility & Reliability

A federated network allowing any operator to seamlessly control student's access to needed educational materials across national boundaries.



KEY ELEMENTS

Empower out youth



Students can progress at their own pace
Focus on individual strengths and weaknesses

Real-Time Feedback and Intervention



AI identifies areas needing improvement

Timely interventions to support student success

Addressing Uneven Distribution of Educational Resources

01

Resource Allocation Disparities

Uneven distribution of funds and materials

Impact on student performance

Need for equitable resource distribution

02

Equity in Access to Technology

Importance of technology in modern education

Challenges faced by underfunded schools

Strategies to provide equal access to technology

03

Bridging the Digital Divide

Definition and implications of the digital divide

Role of internet access in education

Programs to bridge the digital gap

04

Ensuring Equal Learning Opportunities

Importance of equal opportunities for all students

Barriers to equal learning opportunities

Policies to promote educational equity

05

Geographic Disparities in Educational Support

Differences in educational support across regions

Impact on rural vs. urban students

Initiatives to address geographic disparities

