

Ethical, Safe & Responsible AI Use in School Education

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Understanding
Artificial
Intelligence

AI simulates
human intelligence

Learns from data
and patterns

Supports—not
replaces—humans

Why AI Education Matters

AI is part of everyday
student life

Influences learning (Apps),
behaviour, and decisions

Schools must guide
responsible use

AI in School Education

Personalized learning
platforms


Smart assessments
and feedback

Assistive technologies
for inclusion




Ethical, Safe and Responsible AI Use

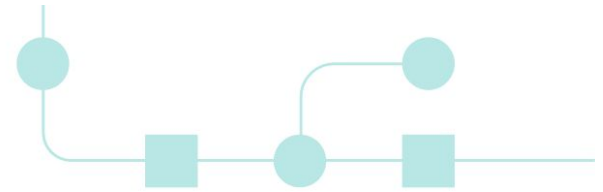
- Preparing young minds for an AI-powered future
- Building awareness, responsibility, and trust
- Awareness sessions for students, teachers, and institution heads

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What Do
We Mean by
Responsible
AI?

- Ethical
 - Safe
 - Transparent
 - Inclusive
 - Designed to benefit learners without causing harm
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Responsible AI framework



Reliability

AI pipelines should stand up to robustness tests and metrics that ensure overall quality at build and deploy time.

Accountability

Decision points on the AI pipeline should be assigned to required stakeholders and clear documentation of the data, model and other aspects of the pipeline is available.

Fairness

AI systems are designed to perform consistently and minimize bias across all populations that could be affected by its operation.

Transparency & Explainability

AI pipelines and decisions made by AI are available and understandable by business users and people impacted by the system.

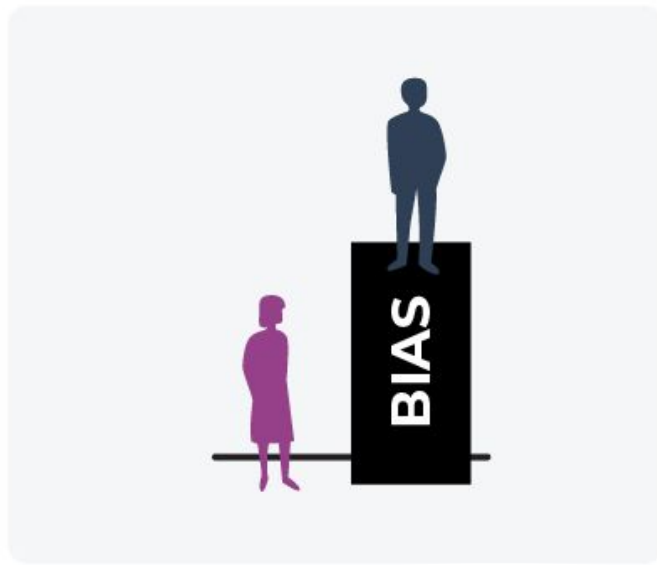


Risks of Unethical AI Use

Over-dependence
on AI tools

Bias and
misinformation

Loss of critical
thinking



Ethical AI – Core Principles

- **Fairness and non-discrimination**
- **Respect for human values**
- **Accountability in AI use**
- **Human oversight always required**
- **In schools: AI should support learning—not control it**

Bias in AI – A Hidden Risk

- AI learns from data created by humans
- Biased data → biased outcomes
- Can impact:
 - Grading
 - Recommendations
 - Student evaluation
- **Teaching point:** Question AI outputs critically

TYPES OF BIAS IN AI

**SAMPLING
BIAS**



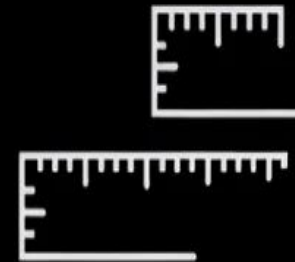
**ALGORITHMIC
BIAS**



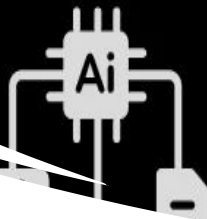
**CONFIRMATION
BIAS**



**MEASUREMENT
BIAS**



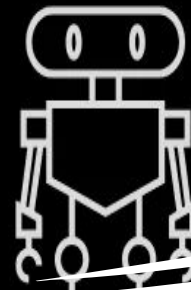
**GENERATIVE
BIAS**



**REPORTING
BIAS**



**AUTOMATION
BIAS**



**GROUP
BIAS**



Safe AI Use for Students

- Protect students from:
 - Inappropriate content
 - Over-dependence on AI
 - Misinformation
- Encourage age-appropriate AI tools
- **Rule:** Safety before convenience



AI Safety in Schools

- Age-appropriate AI tools
- Protection from harmful content
- Continuous human supervision



Data Privacy & Student Information

AI tools often collect data:

- Names
- Learning patterns
- Behavioural data

Schools must ensure:

- Consent
- Secure storage
- Limited access

Student data = sensitive data

Data
Privacy &
Protection

Student data
confidentiality

Compliance with
IT & data laws

Consent-based
data usage

Transparency – Knowing How AI Works

Students should understand:

- AI can make mistakes
- AI does not “think” like humans

Teachers should explain:

- Why AI gave a particular output

Black-box AI is risky

Explainability of technical components

- How explainable the internal mechanics of the algorithm are.

Governance of the system

- Whether there are appropriate and adequate processes and documentation of key decisions.

Transparency of impact

- Whether the capabilities and purpose of the algorithms are openly and clearly communicated to relevant stakeholders.

Academic Integrity & AI

- Risks:
 - AI-generated homework
 - Plagiarism
 - Loss of originality
- Responsible use:
 - AI for ideas, not answers
 - AI as a learning assistant
- **AI should enhance thinking—not replace it**



Role of Teachers in Responsible AI

- Guide students on ethical AI use
- Design AI-aware assessments
- Encourage critical thinking
- Monitor misuse and dependency
- **Teachers = AI role models**

Responsible
AI Use by
Students

AI as a learning
assistant

Fact-check AI
outputs

Avoid plagiarism
and misuse



Role of Schools & Institutions

Create AI usage policies

Approve safe and compliant AI tools

Train teachers regularly

Engage parents in awareness

Institutional responsibility matters



Teaching
AI Ethics
to
Students

Include AI ethics in curriculum

Use real-life examples

Discuss consequences of
misuse

Promote values-based
decision-making

Ethics is a life skill



Responsible AI Skills for Students

Critical thinking

Digital literacy

Fact-checking

Responsible content
creation

**Future-ready students are
responsible users**

Building a Balanced AI Culture



Human intelligence + Artificial intelligence



Creativity over automation



Empathy over efficiency



Learning over shortcuts



AI should empower—not dominate

Key Takeaways

- AI is powerful—but needs responsibility
- Ethics, safety, and transparency are essential
- Schools shape how future citizens use AI
- **Responsible AI today = trusted AI tomorrow**



Closing message

Teach students not just *how* to use AI, but *how to use it right*



Thanks for
listening

