CESS Infographic
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CESS
Centre for Educational and Social Studies

Highlights of the "State of the Education Report for India 2022: Artificial Intelligence in Education"

United Nations Educational, Scientific and Cultural Organization (UNESCO) has launched its "State of Education Report for India 2022: Artificial Intelligence (AI) in Education" on September 20, 2022. This publication is the annual flagship of UNESCO, New Delhi and is the fourth edition. The report outlines the opportunities, an overview of challenges that AI can alleviate in the Indian education sector, AI literacy in India and provides recommendations.

Artificial Intelligence in UNESCO

UNESCO

- Launching of AI Global Policy Portal
- Publishing of Landmark Documents on AI
- Conducting International Conferences on AI & Education
- Launching of International Research Centre on AI

The AI market in India is expected to reach
US $7.8 billion by 2025

INR 30.54 billion has been allocated by the Government of India to the National Apprenticeship Training Scheme (NATS) for five years, from 2022 to 2027

Overview of Current AI Policies/ Reports in India

- National Strategy for Artificial Intelligence 2018 (NITI Aayog, 2018)
- National Education Policy 2020 (Ministry of Education, 2020)
- National Digital Education Architecture 2021 (Ministry of Education, 2021)
- Responsible AI. Approach document for India.
  Part 1
  Principles for Responsible AI (NITI Aayog, 2021)
  Part 2
  Operationalizing Principles for Responsible AI (NITI Aayog, 2021)

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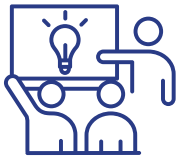
Challenges in the Indian Education Sector

Socio-Economic Inequities and Region Based Disparities

Gender Dimensions with Most of the Girl Students Remaining Out of School

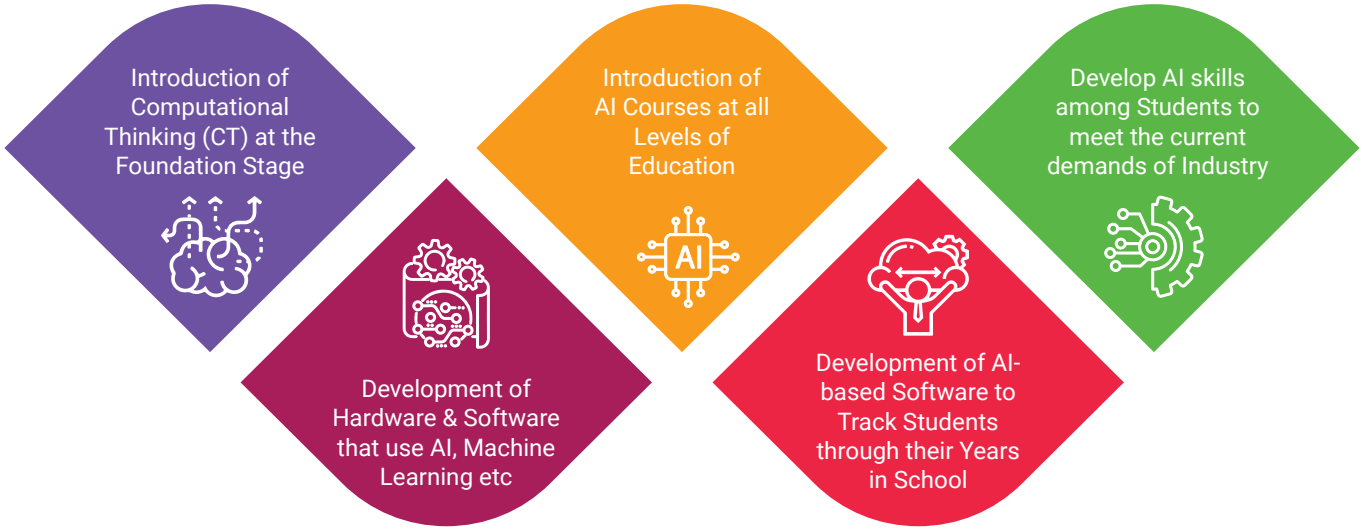


Teaching Issues with High Pupil-Teacher Ratio and Lack of Professionally Qualified Teachers

Linguist Barrier Resulting in Difficulty by Students to Comprehend Concepts

1.6 million girls in India remain out of school, and **57 percent** of girls drop out upon reaching Grade 11

Emphasis on AI in NEP 2020



Recomendations for the Way Forward

Consider the Ethics of AI in Education as an Utmost Priority

Rapidly Provide an Overall Regulatory Framework for AI in Education

Create Effective Public-Private Partnerships

Ensure that all Students and Teachers have Access to the Latest Technology

Request the Private Sector to Better Involve Students and Educationists in Developing AI Products

Attempt to Correct Algorithmic Biases and The Resulting Discrimination

Improving Public Trust in AI

Expand AI Literacy Efforts

Place Ownership of Data with the Students

Embrace the Versatility of AI in Education Systems

Source: https://unesdoc.unesco.org/ark:/48223/pf0000382661.locale=en, Retrieved on October 10, 2022.