

Symposium on Empowering Lifelong Learners Education's Role in Building a Dynamic Learning Ecosystem

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Lifelong Learning and the Education System in the AI era

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Lifelong Learning and Education System in the AI era

- Learning and Lifelong Learning: Core principles and distinctiveness
- Role of Education in Lifelong Learning
- Lifelong Learning and Education System in the AI era
- Strategies for Education Institutions and collaboration among stakeholders
- Recommendations for Education Systems to promote Lifelong Learning as a culture in the AI era



Learning and Lifelong Learning

Act of learning – process of acquiring new understanding, knowledge, skills, behaviours, values, attitudes and preference

- **New understanding:** appreciation, awareness, comprehension, discernment, grasp, insight, intelligence, judgement, perception, and, making sense of something
- **Knowledge or skills:** largely acquired by instruction
- **Behaviour:** modification of a behavioural tendency by experience owing to exposure to conditions
- **Values:** degree of importance of something or an action; determining the best actions or the best way to live
- **Attitudes:** largely a psychological construct that spells out one's own beliefs, conclusions, estimations, interpretation, judgment, notion, opinion, perception, views, viewpoints
- **Preference:** choosing or special liking; power or choice to choose; ability to take decisions

Learning and Lifelong Learning

Lifelong Learning: definition, core principles and its distinctiveness

- **Definition:** A form of self-initiated education, focused on personal development which occurs outside of a formal educational institute, such as a school, university, or corporate training
- **Culture:** A set of beliefs, values and attitudes and resulting behaviours favourable towards learning that a group shares across the life course
- **Principles:** Individual's action, self-drive, experiential, problem-centred, meaningful, and with a purpose
- **Distinctiveness:** occurs in formal, informal and non-formal settings; steered by self-planning and monitoring, self-evaluation and reflection; focusses on feedback for improvisation; evaluates on a variety of sources, including own experience; integrates ideas from different sources and disciplines; rooted often on problem-, activity- and action-based learning

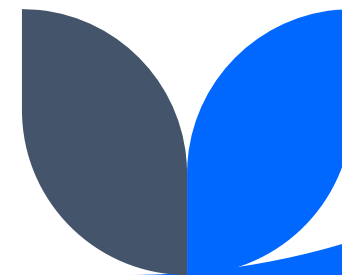
Lifelong Learning and Education System

System

- A group of interacting or interrelated elements that act according to a set of rules to form a unified whole
- Comprises of common properties and characteristics, including structure, function(s), behaviour and inter-dependency
- Policy and practices to achieve a common goal

Education System

- Defined in public policy and its implementation through concerted action
- Coordination among stakeholders towards using the infrastructure for efficient functioning and achieving results
- Usually, carried out as a function of an agency of stakeholders



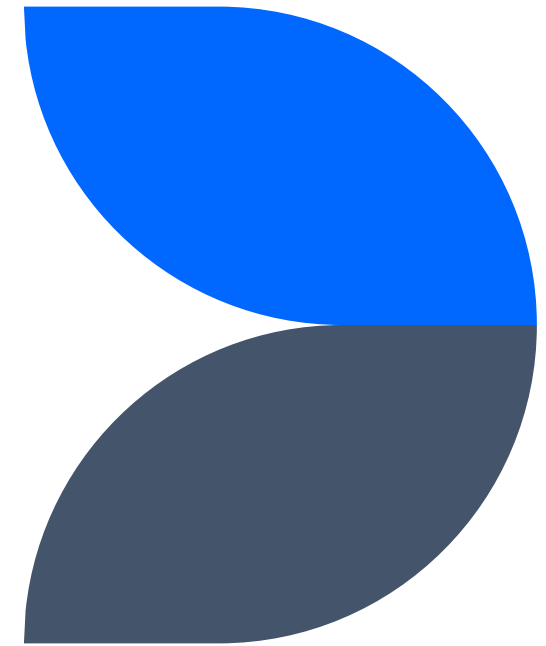
Learning and Education System

The Interface between Lifelong Learning and Education System

- **Interface:** An achievable method undertaken by the agency to help achieving and realising the human potential that forms basis for an equitable and inclusive society that is engaged in national development. Aimed at advancing people's participation in economic growth, social justice, equality, scientific advancement, national integration and cultural preservation
- **Commitment:** A global common agenda enshrined in SDG4 that seeks to ensure inclusive and equitable quality education and the promotion of lifelong learning opportunities for all people by 2030
- **Mandate:** Education system requires to be reconfigured to support and foster learning in order to meet and achieve all targets and associated goals of the SDGs
- **Method:** Reforms in Education System; from the usual learning ages to lifelong learning – cradle to grave

AI era

Its impact on Lifelong Learning



Lifelong Learning and Education System in the AI era

Lifelong Learning

Attainment of foundational literacy that forms basis for education and skill development with an overall aim of **improving lives and livelihood opportunities**

A basic right of every citizen

Education System

Going beyond the traditional four walls to **Open, Distance, Online, Digital, blended and Technology-enabled lifelong learning** to enhance the offerings, increase GER and provide flexible opportunities for all to achieve individual goals and collective goals of the society

A major reform in the 21st Century

AI era

From a prehistorical era until the 20th Century as a discipline recognised in 1956 just after the computational era (1900 – 1950 to an AI early days (1950-2000) that evolved (2000-2022) into the present Gen AI era

Full potential is yet unknown



“

Artificial intelligence would be the ultimate version of Google. The ultimate search engine that would understand everything on the web. It would understand exactly what you wanted, and it would give you the right thing. We're nowhere near doing that now. However, we can get incrementally closer to that, and that is basically what we work on.”

”

Larry Page in 2017

Policy Recommendations

Use of AI in education systems and lifelong learning is inevitable; therefore, clear policies are required for its ethical, responsible, transparent and unbiased deployment in a transparent manner for realising the human potential

AI awareness, literacy and foundation are required from early age to enable the human intelligence to exploit AI

Global partnerships are required to collaborate not compete as a human race. A competing and a divided human race will lose out to AI, and it is important to avoid it

Thank you

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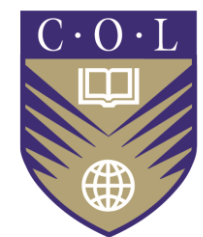
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