

Chapter 9

Era of Education 5.0: Disruptive Technologies in a Learner–Cantered Educational Landscape

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ABSTRACT

The chapter focuses on concepts of Education 5.0 and its competence in shaping future learning environments. It emphasises on learners social and personal growth by improving quality of life standards with the help of current technologies and digitalisation. (Shabir Ahmad, 2023) To deliver humanised approach by the application of new technologies is the primary use of Education 5.0. However, usage of new age technology in education doesn't mean giving laptop and tablet to each and every child and the usage of digital mediums for teaching and learning. After covid-19, digitisation becomes the integral part of our life, education is no exception for that. (Shabir Ahmad, 2023) Beyond digitalisation pandemic also remained us the importance of human hardships to social transformation with emotional intelligence driving technology as a tool. In short education 5.0. (SYDLE.com, 2023) referring to the significance of human, social and emotional abilities to enhance wellbeing of an individual by using technology advancement as a tool.

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INTRODUCTION

Education 5.0 is not about advanced technology but more on human connectivity. Learning experience especially through human interaction is proposed explicitly is the primary advancement of Education 5.0. Improved infrastructure, wide range of connectivity, providing laptop and tablets to each and every learner and the usage of advanced digital tools and platforms in education sector is not its major focus. ((PwC), 2020) Besides these developments preparing future generations to be emotionally strong, Mindful of health and personal development to Intellectual, social and strong individual. (Dervojeda, 2021) It proposes appropriate strategic, pedagogical & methodological approaches will help in enhancing motivation, creativity and joy of learning. With infrastructure, digital equipment and technology platforms using as enablers which plays a prominent role in education instead purposes themselves. Moreover, education 5.0 focus on putting human qualities in the Centre of education, considering social (Shabir Ahmad, 2023) and learners needs alongside with market needs. Enabling learners as change agents to use these advancements Mindfully considering their safety and security at home, school and work.

Reflective Questions

- How educational setting or schools can drive value and address challenges using AI?
- Whether the educational landscape are teaching students the practical skills they need to engage with AI?
- Will AI replace the older systems and education 5.0 will make educators Future Ready & Future Fit for Teaching ?

The Future of Business is being rapidly reshaped by Artificial Intelligence (AI), Blockchain, Cyber Security, Data Science, Metaverse, Generative AI and Convergence of all. The Major Question arises, How can the educational landscape including the elementary schools prepare students for a world, where AI and Big Data are not just tools but the bedrock of strategy. Jobs are set to be transformed by AI – and the educational setting must adapt AI Integrated Teaching & Research practices quickly, so they can prepare students for the new world of work. The curriculums in schools need to Incorporating AI and Data Science into Curriculum Design & Development with a Multidimensional approach. The Current Status of Education in globally needs to be relevant, ill-resourced and battling old challenges of inadequate Technology Infrastructure. While AI may not completely replace; it will assist facilitators in efficiently and effectively managing multi-level/ multidimensional. In Future, many the educational settings will be shaped by the face of AI and Generative AI Trend.

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