

EDUCATION ON FIRE: THE FOURTH INDUSTRIAL REVOLUTION

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As the world keeps on revolving, its internal content keeps on changing and developing which requires human to be adaptive and move along with it. The reality of the fourth industrial revolution (FIRe) brings variety of challenges to every country and asked for their preparedness and actions to be taken. As FIRe opens innovations that increase the level of modern life we are living, this also give rise to a huge change in the human resource development. This one will eventually lead to a change of demands, change in nature of work, and a change in industry. Works that we know today may not be existing in the future to come. In the same way, works that are unknown today may be the demands of tomorrow.

With this note, a huge part of the challenge is taken by the education sector. Accepting the challenge by the education sector also means rise of other obstacles in hand. The aim to create individuals who can work along with technology rather than competing with them is another note. This means education sector should focus on the shift from conventional means to the modern ways which includes technology. Although there are moves made in order to do this, generally, it is said that education sector is not yet ready for the total shift.

Furthermore, courses that are in line with the demand of today and the eye of the future should also be determined by the institution. With this, to enable the education sector to do its function there is a need for proper and accurate support for research and development that in fact is given miniscule investment from public and private sectors.

Moreover, putting emphasis on the skills that can enable individuals to be flexible, adaptive and agile are notes in developing human resources base the needs of this revolution. Specifically, there is a need for human development in terms of 4Cs that composed of communication, critical thinking and problem solving, collaboration and creativity and innovation. The challenge here is how these skills can be clearly incorporated to the curriculum of the education sector as well as a determined way of assessing such.

Thus, education sector's task is the challenge itself, better educated and more trainable workers and more flexible and less costly labor market regulatory environment development of the education and training systems, including both Government and private sectors, that can efficiently and equitably produce malleable human capital.

References:

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