



Benefits of revitalizing existing digitized education ecosystems



The objective of discussion is to capture views and thoughts on the following topics:

1 Education Stack with changes that are needed with existing education

2 Skill development that can be done by leveraging digital technologies

3 Technology trajectory that are forecasted in Ed-Tech

Speakers



J A Chowdary

Chairman Indian Blockchain Standards Committee



Randeep Sudan

Founder, Board Advisor, Former Practice Manager,
The World Bank



Apoorba Kumar

Executive Director @EC Council



Raja Sekhar

Research Consultant





Mr. J. A Chowdary emphasized on changing the education system rapidly with the new technological trends in order to move with fast pace world. He mentioned to keep the students focused, mentoring and guiding them towards right direction is indeed crucial. Mr. J A Chowdary added that the universities should start giving industry-based projects to the students rather than more theoretical learnings making industry driven employees to be created in institutions itself. The institutions should take initiatives for upscaling themselves to make their students match up with the competitive world.



Mr. Sudan gave insights about how education system can adapt new technologies and what curation will attract the students. Mr Sudan suggested to opt for platforms which learners find attractive. Fun and interactive learning is the most important form of education he added.

Mr. Sudan mentioned about Roblox which is partnered with 200 educational firms and teachers. The concept of Roblox is learn as you play. Leveraging such platforms for education may attract students and make learning more fun and translate gaming modes to educational experience. He also added what skill developments should youth take now or how to understand the market trend? He explained that skill trends can be assessed from the analytics companies like burning blast, EMSI, Jobcred, linkup. These sites help in providing labour market analytics skills in demand, foundational shifts with economy, jobs and skills connection opportunity for rapid reskilling or upskilling among others.



Immersive learning experiences would become more predominant in the future. Education is going to be delivered in various methods such as hybrid learning/ peer to peer learning/ Just in Time based among others. While talking about virtual reality Mr Sudan mentioned Scoopers study suggests employees can be trained 4 times faster using Virtual reality experience and more trainees have been found 4 times more focused than ordinary training. Programs with AR and VR intervention will reduce the skilling time and can be utilized for fast learnings E.g.: Walmart reduced training time from 8hours to 15 minutes. Ethical dimensions of people are to be considered in every learning. In this aspect, France has an AI school which focusses on ethics. Fundamental's foundation of education to be taught to the kids from very early age that covers cognitive learning, neural learning, multi-tasking, mental ability to take new challenges among others.





Adding to this, **Mr. Apoorba** mentioned the importance of skill development. Skillsets are now calibrating to the industry needs. Industry vision is getting narrowed to deliverables. He explained the learner has to be Jack of all. As per Mr. Apoorba the 3 major changes which is taking over the market are listed below:

- 1 Capex to Opex model (Contract based business model)
- 2 Staff Augmentation (every job will be rotating bases)
- 3 Capsule learning small courses



Some of the questions raised by attendees:

- 1 What is the future for students who are pursuing or want to pursue sustainability studies?



[Randeep Sudan]: UN had defined 17 sustainable goals. New Zealand based platform, www.youthhub.co.nz, has linked sustainability development goals with the actions that user can take. Each of the goals gives badges of honour that helps in tracking progress in several dimensions. It would be a good approach to use youthhub platform to quantify individual traits against UN's sustainability goals. You can [refer here](#) the sustainable development goals defined by UN

- 2 What is the future for students who are pursuing or want to pursue sustainability studies?



[JA Chowdhary]: The highest priority as on today is health. Today the beds are unavailable in all hospitals across locations because of heavy spread of Covid pandemic. It is ok to postpone exams for a required duration to safeguard ourselves.

- 3 I would like to hear if there is any effort on measuring your life (Society Living) studies in India can this not be going as CSR Activity



[Randeep Sudan]: Yale's most popular course ever, also deals with this topic and is available for free on Coursera: <https://tinyurl.com/yewkbjsg>

- 4 How about spreading the great work done by Ranjitsinh Disale, 32, a primary school teacher in Maharashtra's Solapur district, is the winner of this year's Global Teacher Prize?



[Randeep Sudan]: The program Diksha (<https://tinyurl.com/yjyyaptn>) incorporates the ideas of using QR codes for enriching educational content.





Actionable: Primary Education identifying what can be done for children whose attention span is very less. Capsule based learning would be an option. However, an iterative discussion should be done with Mr. Randeep Sudan and JA Chowdary to address this need. A couple of pointers are:

- 1 Students Identify platforms where students are spending more time. For e.g. , Learn as you play as in Roblox etc
- 2 Mentors / teachers Identify and analyse the platforms where kids find very engaging and fun by leveraging curated education content. For e.g. #learnontiktok based learning content
- 3 Open Source Solutions for developing content and delivering content Analyse various ecosystems considering infrastructure, knowledge, content, measurement and AI based personalized dimensions

Deliverable: Higher Education/Universities

1 Upskilling of students is in demand which has to be done at college/university itself by bringing more case studies and practical scenario based learning.

2 Labour market analytics: Skills in demand, Foundational shift

3 Jobs and Skills bridging: Accelerating skilling, reskilling and upskilling of students

4 Multiple skill-set development: Liquid workforce is a need of the hour concern that many organizations have to address. In this regards, Mr Sudan would be addressing on liquid workforce challenges and opportunities in detail in the upcoming webinar.



THANK YOU



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