

Bindu Swetha Pasuluri, Daniel C, D.S. Vijayan,
S. Arvindan, S. Pradeep Kumar
Editors

Innovative Teaching and Learning Process during COVID 19

2nd Edition


Principal
GIET ENGINEERING COLLEGE,
NH-16, Chaitanya Knowledge City,
RAJAHMUNDRY-533 296.

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Scaling Online Teaching and Learning to Best Conventional Mode

Sripathi Vijaya Sailaja ¹, Addepalli Mallinadh Kashyap ^{2,*}, Sivangi
Suryanarayana Raju ³

¹ Department of Electrical & Electronics Engineering, GIET Engineering College,
Rajahmundry

² Department of Civil Engineering, GIET Engineering College, Rajahmundry

³ GIET Engineering College, Rajahmundry.

*Email: mallinadhkashyap@gmail.com

The impact of COVID 19 pandemic outbreak given a huge question to the entire globe towards its sustainment in several aspects starting at human health. Global economy come down to greater level in view of huge impact on the industry and other related sectors. Education sector is not an exception in this regard facing both direct and indirect impacts on the stake holders, viz., students, parents, academic fraternity. The entire educational industry is affected as sudden forced closure with a prior precautionary measure as a part of implementation of non-expansion activities of corona virus. In keeping view of the un predicted severity, big challenges are still ahead. As the situation is uncertain and in keep in view of compensation to the forced loss to existing student fraternity, educational institutions started implementation of online teaching learning process, instead of direct and conventional teaching activities with an intention to avoid absolute physical contact where one to one personal interaction between the teachers and the learners is maximum than any other teaching and learning methodologies. Though the online learning is not a new version and exists since several years, majority portion is confined to special learning aspects rather than the conventional mode of teaching learning processes in particular in India. Though this alternative immediate adoption for best compensation to the existing loss, there are several challenges in effective dissemination of the knowledge, one among them is the full-fledged engagement by the learners as the online teaching & learning process witnessed lower extent in many cases in particular slow learners. In these constraints, effective attempts are more required to maximize the learner's engagement. As a part of our efforts to our efforts, we developed a typical strategy and deployed in the online process of teaching & learning with game play approach that the learners are well engaged actively throughout the session. Different learning management systems are available both in free and paid versions to cater the academic needs to a best extent.

Gamified online teaching & learning process is one of the best concepts in augmenting the real engagement of the students. As a part of verification of our concept, two sessions were engaged in parallel with the same concept of teaching