

Collaborative Online Experiences in Indian Engineering Education

Keynote Session A IV

Date: Friday, Dec 17, 2021

Time: 09:00 AM-09:55 AM

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Abstract:

An unexpected teaching opportunity of a 3rd year elective, electrical engineering undergraduate course at a USA university, soon became a challenge due to COVID-19. Many industry colleagues from the USA and Canada became resource persons for this course in the spring of 2020. This experience led me to try several initiatives in Indian engineering education in the last one year.

This paper shares our experiences in teaching a new advanced undergraduate course in Electric Systems Operations at two rural campuses in India as well as teaching a business course at a National Institute of Technology. As we have become resilient in adapting to COVID-19, we need to leverage this unique opportunity to better the pedagogy and also revisit the policies and framework.