



Project RECET

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Most IEC member departments are well acquainted with the value of sharing course content because of their experiences participating in the Experiment Centric Pedagogy project. It is the success of that project that led to the formation of our new organization, the IEC. Thus, when a group of people from both the academy and industry met this summer to figure out how best to use the kind of technology and pedagogy that drove the ECP project to address the extraordinary circumstances we face as engineering educators during the COVID-19 pandemic, no one should be surprised to learn that the IEC had a seat at the table. It has been my honor to represent our great organization in discussions with Analog Devices, North Carolina State University, and the Universities of Wisconsin and New Mexico that have now resulted in Project-RECET.

The overall goal of Project RECET is to help provide quality ECE education when fully online and explore issues associated with blended online and in person instruction for the future. We are staging this project by first implementing a highly simplified version of the website we hope to eventually create, with ECEDHA providing its home (<https://www.ecedha.org/ECE-Resources/Project-RECET>). Before describing our future plans, I would like to encourage everyone active in IEC to consider contributing content to this collection. There has been outstanding work done by our members through the ECP project, so I know there is much that can be shared with the rest of the ECE community. We know everyone is struggling and there is a lot of good experience in our group that others can benefit from.

While working on this new web-based resource, the RECET group has been planning for the future and working on a proposal to obtain NSF support. We fully expect that the model developed for teaching circuits and electronics courses will be expandable to address the entire ECE undergraduate curriculum, especially if we work together with the ECE community and our industrial partners. Analog Devices has already demonstrated significant value added to including them in the development of this new project and several other companies are now anxious to join the effort. I will do my best to keep all of IEC informed as the work of Project RECET progresses. Please watch for updates in both this newsletter and the weekly notes that will be sent to all IEC members. Communications will focus on how IEC members can contribute, especially if large scale funding is obtained.