

## **Engineering Education Research**

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An awareness of pedagogical techniques has increased for engineering faculty in India over the recent years, with a greater emphasis on student engagement through activities such as project-based learning and service learning. This facilitates an enormous scope for studying the impact and effectiveness of such activities and adding to the existing body of knowledge in engineering education research. In March 2019, IUCEE launched a pilot program for training faculty who are interested in conducting world class engineering education research. This program was preceded by a 3-hour face-to-face workshop at ICTIEE. Similarly, the workshop at ICTIEE 2020 will feature case studies and group activities for participants to introduce them to key aspects of conducting research in engineering education (human subjects research), with a focus on identifying gaps in the literature, designing good research questions and reviewing theoretical frameworks that can serve as the foundation for their research. At the end of the workshop, participants will have formed groups to work together, along with drafts of their research questions. The remainder of 2020 will focus on operationalizing the study for each group, conducting the research, eventuating in writing a draft research paper in preparation for its submission to an internationally recognized journal/conference. Participation in the ICTIEE EER workshop is not required for registering for the 12-month course. You can participate in the workshop without any obligation to register for the 12-month course.