You are cordially invited to attend

Workshop:
Contextualized Teaching and Learning: An Integrative Curriculum Model Utilizing Real-World Context

with
Dhinesh Radhakrishnan, MS
Doctoral candidate, Purdue University

Monday October 28, 2019
3:30–5:00PM
MZ 104

Abstract:
In this workshop, I will present the case of a unique problem-based engineering teaching and learning model, integrating three different curricular programs using a real-world context. The three different programs include a first-year foundational undergraduate curriculum at Purdue University, a localized engineering program for former "street youth" at Tumaini, an alternative school in Western Kenya, and a study abroad program for undergraduate students at Purdue and Colorado School of Mines. I will discuss the approach through which Tumaini serves as the real-world context and how the stakeholders at Tumaini actively participate in the integration and contextualization process. This integrative model will reveal the assets leveraged, challenges met, and outcomes witnessed in order to facilitate the teaching and learning process for students in each context. From the presentation of this model, I will facilitate a discussion where the faculty and curriculum developers of the Colorado School of Mines will be able to examine the existing resources, constraints, and the applicability of an integrative approach based on the goals of the university.

Dhinesh Radhakrishnan is a Purdue doctoral student with a Bachelor’s in Electrical Engineering and Master’s in Renewable Energy. As a researcher, Dhinesh is interested in working with marginalized communities through participatory methods and applying engineering design knowledge towards development. He is currently leading an engineering skills delivery project for former "street youth" in Western Kenya, and to refugee learners in Northern Kenya. He has extensive qualitative methods training and, in the curriculum, and instructional development. Dhinesh holds the responsibility of a Research Coordinator for Connected Learning in Crisis Consortium (CLCC), leading and conducting participatory evaluation research with refugee learners in Kenya and Uganda. Dhinesh also serves as the Team Lead for Purdue Global Engineering Programs and Partnerships on the field in Eldoret, Kenya.

This event is co-sponsored by the department of Engineering, Design, and Society and the Trefny Innovative Instruction Center. Please register at https://tinyurl.com/DRTREF19