



K L University  
(Deemed to be University, u/s 3 of U G C Act 1956)  
Department of Mechanical Engineering  
*Green Fields, Vaddeswaram, Guntur District, Andhra Pradesh.*

## DEPARTMENT OF MECHANICAL ENGINEERING

### IUCEE WEBINARS

Date: 16-11-2016

#### Report on webinar attended by faculty/students in the month of November 2016

**Title:** An Introduction to STEM Education Research Methods

**Date & venue:** Wed, Nov 16, 2016 4:30 PM - 5:30 PM IST, Room No-M102

**Participants:** Faculty

**Resource person:** Dr.Lisa C. Benson  
Associate Professor, Engineering and Science Education,  
Clemson University

**Webinar link:** <https://attendee.gotowebinar.com/register/2326653843225336323>

#### **Description:**

The goal of this workshop is to introduce education research methods to individuals from science, technology, engineering and mathematics (STEM) fields. By the end of the workshop, participants to understand common terms used in education research, to be able to form an education research question, to be able to distinguish between quantitative, qualitative, and mixed methods approaches, and determine which approach is most appropriate to address their own education research interests. The workshop provided an overview of the principles of education research design and how to apply those principles in developing meaningful research questions. An overview of qualitative, quantitative and mixed methods is provided, with examples from the context of STEM disciplines for selected research methods.

(K.Lokesh)  
Webinars Incharge  
Dept of Mechanical Engineering

(Dr.S.S.Rao)  
HOD  
Dept of Mechanical Engineering

Webinar photos on 16-11-2016 (An Introduction to STEM Education Research Methods)



(K.Lokesh)  
Webinars Incharge  
Dept of Mechanical Engineering

(Dr.S.S.Rao)  
HOD  
Dept of Mechanical Engineering