

GUJARAT TECHNOLOGICAL UNIVERSITY

Post-graduate Research Centre for Industrial Design

OPEN DESIGN SCHOOL

Inviting Faculty Members to register for

Two day Workshop on

*Understanding Global Perspective and Methodologies used in
Delivering Design Engineering Courses*

Date: 22nd - 23rd April, 2015

Venue:

Gujarat Technological University
Nr.Vishwakarma Government Engineering College
Nr.Visat Three Roads, Visat - Gandhinagar Highway
Chandkheda, Ahmedabad – 382424, Gujarat

Resource Person:

Prof. Libby (Elizabeth) Osgood
*School of Sustainable Design Engineering
University of Prince Edward Island
Canada*

[GTU's Centre for Industrial Design \(OPEN DESIGN SCHOOL\)](#) is engaged in introducing design driven innovation at GTU. With this objective in mind, GTU has introduced a very new, innovative - Design Engineering subject in 3rd semester, it is a first of its kind initiation in Indian Education System. A strong 6-semester spine of Design Engineering has been included in the syllabi. To move a step forward in this direction GTU's Centre for Industrial Design (OPEN DESIGN SCHOOL) has conducted a series of seminars/workshops to sensitize the design driven innovation intervention for 3rd semester and final year projects and create a framework for the same. During 3rd semester 8 Faculty Development programs (FDP) were organized in the months of August to November, 2014. In all, 590 faculty members have been trained for Design Thinking Methodology from approx. 115 Engineering colleges and 20 different Engineering disciplines throughout Gujarat state. To leverage this subject to next level in continuation with 3rd semester more 13 FDPs till date has been organized and 890 Faculty members trained.

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Objective of the Workshop:

- ✓ To strengthen the spine of Design Engineering from 3rd to 8th semester
- ✓ To gain insights of Globally available various tools and techniques of Design Thinking
- ✓ Cross Country exchange of innovative ideas
- ✓ To learn how to create Innovative eco-system for students, faculty and industry to solve real life problems.
- ✓ Bridging the GAP between Academic and Industrial methodology

Outline of Workshop (Proposed)

Sessions related to Design Thinking Approach by Prof. Libby (Elizabeth) Osgood with Faculty members of various colleges having discussion on:

Day 1 (22/ 04/ 2015)

- Registration and Morning tea (10:00 am to 10:30 am)
- Design Thinking: Need and Importance (Introductory Session) (10:30 am to 12:00 noon)
- Session on How to form groups/teams (12:00 noon to 01:00 pm)
 - *Lunch Break (01:00 pm to 01:30 pm)*
- Different tools and techniques used in Design Thinking projects globally (logbook use, ethnographic observation, story boarding, some brainstorming techniques, mind mapping, prototyping) (01:30 pm to 03:30 pm)
 - *Tea Break (03:30 pm to 03:45 pm)*
- Presentation by faculty members for their case studies – selected one (03:45 pm to 05:00 pm)
- Round table discussion with council of deans and design experts (05:00 pm onwards)

Day 2 (23/ 04/ 2015)

- Morning tea (10:00 am to 10:15 am)
- Design Thinking with academic approach and practices at UPEI (10:15 am to 12:15 noon)
- Using non-traditional role-playing such as in murder mysteries (12:15 noon to 01:30 pm)
 - *Lunch Break (01:30 pm to 02:30 pm)*
- Developing professional skills across the curriculum for Design Engineering (02:30 pm to 03:30 pm)
 - *Tea Break (03:30 pm to 03:45 pm)*

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- Project/Domain Selection tips and discussion on live Industrial examples of Design Thinking (03:45 pm to 05:00 pm)

Registration

Registration is free and by invitation only. Registration can be done online on the link provided separately with invitation. Online registration is mandatory and is on first come first serve basis. The certificates for participation will be distributed at the end of workshop.

Workshop Coordinators

Prof. Karmjitsinh Bihola
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