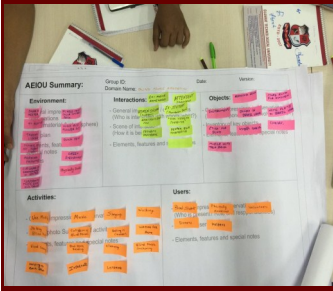


Civil Engineering
Department

20th-23rd August, 2016



SMT. S. R. PATEL ENGINEERING COLLEGE

One Day Workshop Report

Four Days Faculty Development Program on “Design Engineering-I”

Objectives:

A Faculty Development Program was organized by Gujarat Technological University at L. D. Engineering College, Ahmedabad during 20th to 23rd August, 2016

The main objective of this FDP was to develop the creating thinking to develop something new that

doesn't exist.

Expert:

Mr. Karmjitsinh Bihola
Speaker,
Asst. Professor in GTU

Topics Covered:

1. Modelling and Analysis using Software
2. Prototyping and Proofing of Concepts
3. Engineering Economics of Design

4. Design for Use, Re-use and Sustain-ability
5. Test the prototype
6. Ethics in Design

Program Highlights:

- AEIOU Summary
- Empathy Mapping
- Ideation Canvas
- Product development canvas
- Learning Need Matrix
- Prototype model



Participation and Submitted by:-

1. Prof. Nisha B. Patel, Asst. Prof., SRPEC, Unjha.
2. Prof. Dhara Jansari, Asst. Prof., SRPEC, Unjha.

EXCLUSIVE FEATURES OF STTP

- New set of learning material including PPTs, Videos, Case Studies, Examples etc.
- Hands on exercises designed exclusively for FDPs to understand Design Thinking approach
- Experts session during FDP (Physical interaction or Skype)
- Reverse Engineering & Prototyping techniques