

Mechanical Department

19th to 22st Feb, 2016



SMT. S. R. PATEL ENGINEERING COLLEGE, DABHI

FDP Report

Four Days FDP on “Design Engineering” At GTU, ACPC, Ahmedabad

Introduction:

A Faculty Development Program was organized by Gujarat Technological University at L. D. Engineering College, Ahmedabad during 19th to 22st Feb, 2016.

Objective:

The main objective of this FDP was to develop the creating thinking to develop some-thing new that doesn't exist.

Topic

1. Modelling and Analysis using Software
2. Prototyping and Proofing of Concepts
3. Engineering Economics of Design
4. Design for Use, Reuse and Sustainability
5. Test the prototype
6. Ethics in Design

Speakers:

Mr. Karmjitsinh Bihola
Speaker,
Asst. Professor in GTU

Program Highlights:

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

Participated & Submitted By:

Prof. Nikunj M Patel (Mechanical)
Prof. Yogesh B Patel (Civil)

Exclusive features of FDP:

- 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



Post-graduate Research Centre for Industrial Design

OPEN DESIGN SCHOOL

Faculty Development Program (FDP)