



GIDC Degree Engineering College

(Managed by GIDC Education Society)

Abrama, Ta: Jalalpore, Dist: Navsari – 396406

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Report on one day Idea Generation program on “Design Thinking”

SSIP Cell of GIDC Engineering Collage had arranged one day student idea generation program on “Design Thinking” for Higher Secondary class students of Shri. J. M. Patel and Shri. R. G. K. Naik Sarvajanik High School, Mandir Village, Navsari on 03/08/2019. The awareness program was arranged to expose the students with creative thinking about process and procedure that one can uses in order to figure out solutions to any number of difficult challenges. These can be challenges that students are facing (thus leading to new products and services that solution can provide), or problems that student is experiencing (thus resulting in improvements in structure or processes). This program was conducted by Prof. Nilesh Parmar (Civil Engineering Department), Prof. Dhaval Patel (Electrical Engineering Department), Prof. Kushal Patel (Computer Engineering Department) of SSIP Cell, GIDC Engineering Collage, Abrama, Navsari. Around 50 students of class 11th and 12th participated in “Design Thinking” along with 8 Teachers.



A session was started by Prof. Nilesh Parmar on topic of “Basics of Design Thinking Approach”. Students were given explanation on “*what is Design Thinking?* Developing and launching innovative ideas, concepts, prototypes and business models is essential for the continuity. He explained students that a lot people have to change their *convictions* and *habits* before something really new will be deployed. Furthermore he enlightened that “Education is not the Learning Facts rather it is the training of the mind to work.” Biggest obstacle to one’s life is “No”. Students should never accept “No” rather one should be *on* (reverse of no) to achieve their goal.

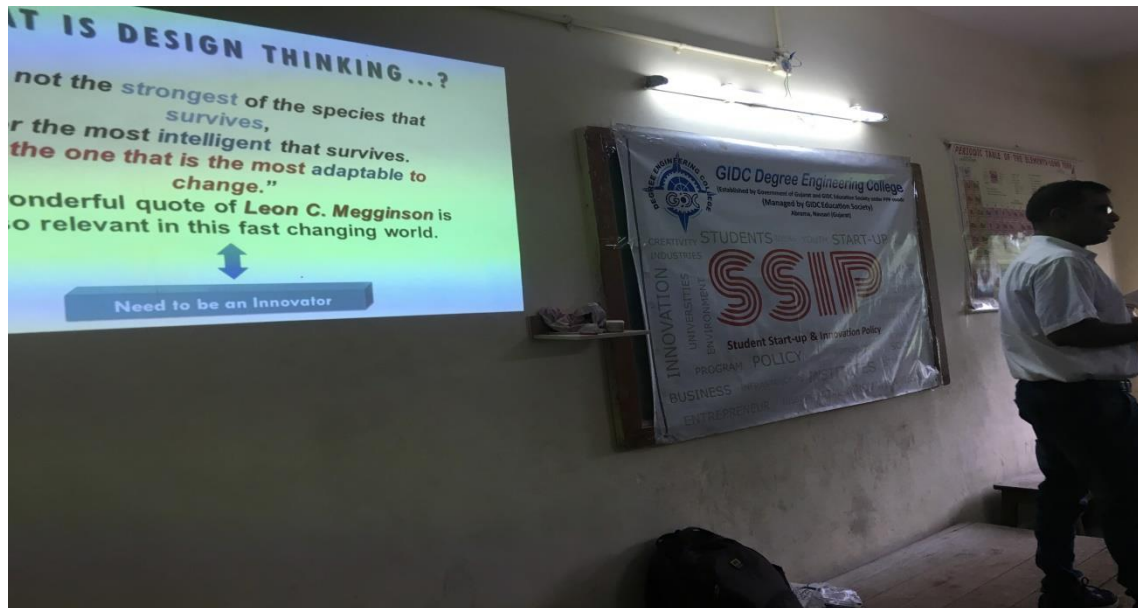


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After this presentation the small interesting video was presented to the students regarding various statics about internet and their innovation that has changed human life. This video were encouraged students to think about how technology can changed one's life and can made life easier.



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Next, hands-on session on “AEIOU (Activity, Environment, Interaction, Object, and User) Framework” was carried out. Prof. Nilesh Parmar, Prof. Dhaval Patel, Prof. Kushal Patel explained very nicely how to formulate the problem definition from the user requirements and how to start thinking about the problem solutions using design thinking approaches like AEIOU canvases. Prof. Nilesh Parmar has given introduction and significance of developing the Mind-Map in the design engineering.

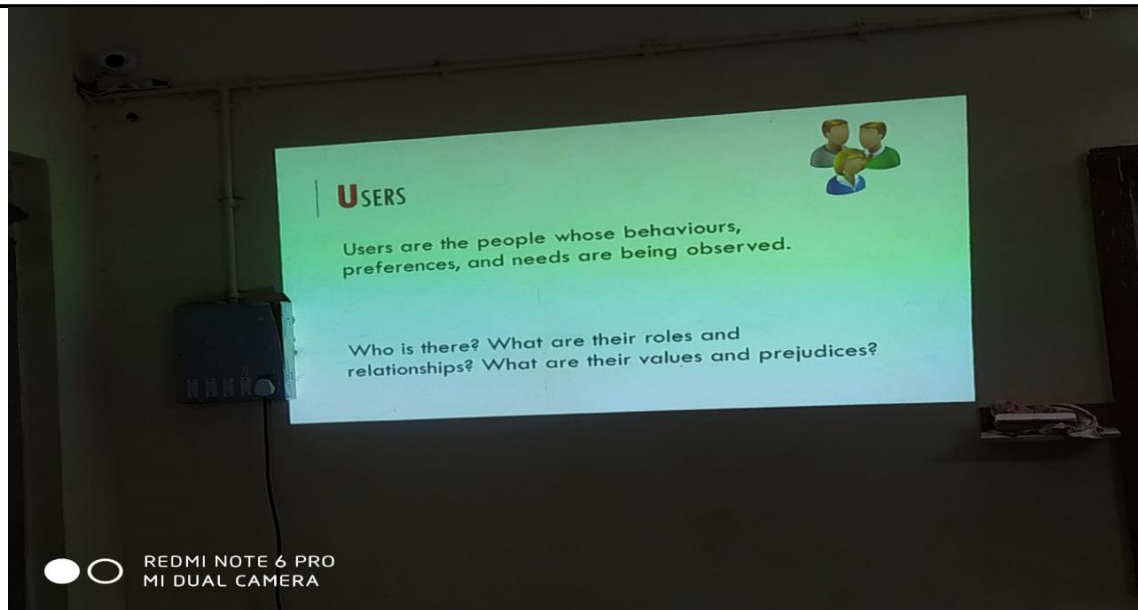


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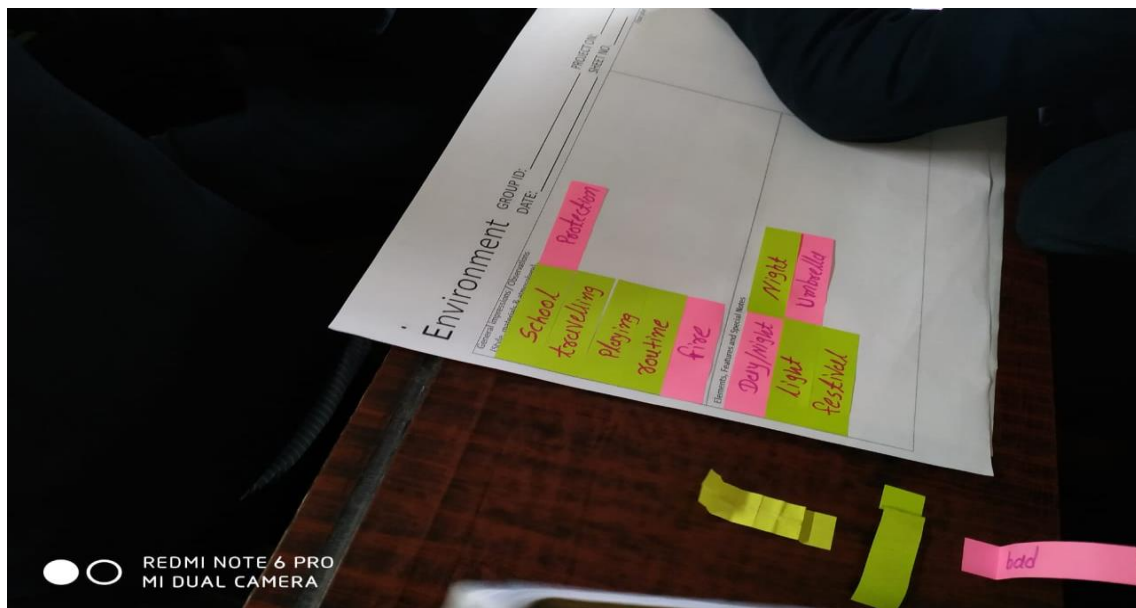
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For this hands-on session, students were organized into group of 5 students per group. Each group was allocated AEIOU canvas and related stationaries. Students were given with *education* as the domain for design thinking. Each group has congregated various activities, elements and problems for the education domain.





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