



# Gandhinagar Institute of Technology

A Report on

“Opportunities for Mechanical Engineers”

(25<sup>th</sup> January 2019)

## **Seminar Overview:**

The SSIP team of GIT has organized seminar on “Opportunities for Mechanical Engineers” on 25/01/2019 at 8:50 am in Seminar Hall (A105). Mr Ketan Davda mentored the seminar. He is Mechanical Engineer with MBA from Ahmedabad University. He is also a founder of Design Doctor. He worked as a Manager in LUMIUM for 4 years. He also worked as Senior Design Engineering in ISRO for 6 year & 6 months. The students of 6<sup>th</sup> semester Mechanical Engineering Division A, B & C attended the seminar. There were 86 participants.

## **Objective:**

The objective of the seminar was to educate the participants about the Computer Aided Design, show the opportunities available in the market. The silent objective was to show them the methodology of selecting correct problem definition for their final year project.

## **Seminar Detail:**

The seminar commenced by brief introduction of mentor by Prof Mrugesh B Khatri at 9:00 am in the Seminar Hall (A105). He added that Mr Ketan Davda has experience of various turnkey projects also. Mr Ketan Davda initiated with four stages of design like research, demonstration, detail engineering and prototyping. He added that feeling of actual scenario is necessary for finding out the problem solution.

He educated the participants that reference of research papers, articles, journal will help them to think about the various solution techniques. Further it helps them in finalizing the technique to get succeeded by learning from the part researcher’s experience. He added that the visualisation of solution virtually is necessary now a days. This visualization will solve all major issues of production stage before it happens. The modifications at this stage not only save time but also reduces overall cost.

He added that the modelling softwares like SolidWorks, Catia, Creo etc. can provide the analysis of an object under critical condition. So, once can test the problem before manufacturing it. He educated the participants about the advantages of designing the product in proper manner. He discussed his experience of designing various product with the participants. He informed participants that the sincere efforts behind designing the product will improve the product performance as well as its aesthetic look. He also informed the participants that hardwork has no option. He also declared that the sincere working students can approach him for their final year project guidance. He also solved queries of participants during question answer session. The participants were enlightened to learn about project selection technique.

The event was a grand success under the enlightenment of Dr H N Shah, Principal of the institute and the participants.

**Seminar Memories:**



Mr Ketan Davda delivering session



Participants eagerly listening to mentor



Participants interacting with mentor



Question Answer Session



Group Photo