



Gandhinagar Institute of Technology

A Report on

“The Prospects of Surface Science & Nanotechnology”

(6th February 2019)

Seminar Overview:

The SSIP team of GIT has organized seminar on “The Prospects of Surface Science & Nanotechnology” on 06/02/2019 at 1:00 pm in Seminar Hall (A105). The seminar was organised in collaboration with WAAH. Mr Praful Amin and Mr Sanjay Patel, president and vice president have graced the occasion. The lecture was delivered by well-known scientist Dr Dinshbhai O Shah. The students of 4th & 6th semester Mechanical Engineering attended the seminar. There were 177 participants.

Objective:

The objective of the seminar was to educate the participants about the opportunities of surface science and nanotechnology. The hidden objective was also to motivate them solve the future problem and serve society.

Seminar Detail:

Prof Mrugesh Khatri invited Mr Sanjay Patel for introducing WAAH. He shared the information about the various activities done by WAAH to promote innovation among the students. He motivated students for innovation by documentary of WAAH. He invited Mr Praful Amin to address the students. He gave wonderful introduction of innovation by giving various examples. He asked the students for doing research to find out the solutions of problems of society. Prof Mrugesh Khatri requested Principal Dr H N Shah to introduce one of the well-known scientist Dr Dineshbhai Shah.

Dr H N Shah introduced Dr Dineshbhai Shah as a scientist by profession and an artist by heart. He added that Dr Dineshbhai Shah wrote 10 books, 15 patents and over 375 research papers during his journey. Dr Dinesh Shah has initiated the session by sharing the details of their experiment to reduce evaporation of water through earth surface. He added that the shortest of water will be experienced few years later. Hence, if the evaporation rate of water can be reduced then there will be huge contribution to the society to save the water. He added that by keeping water below few micrometres below earth surface the water evaporation can be reduced.

He informed participants to come up with small idea and demonstrating it using simple techniques. This culture of “Do It Yourself” will lead to big innovation. He shared information about various interfaces, micelle, monolayers, surfactants. He also educated the participants about various applications of Nanotechnology & Monolayers. He shared a beautiful thought of spreading lights like candle to fill the absence of sun. Dr H N Shah gave a flower bouquet and memento to the speaker.

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

Seminar Memories:



Dr Dineshbhai Shah addressing audience



Participants listening to mentor



Dr Dineshbhai Shah educating participants



Participants interacting with Dr Dineshbhai Shah



Group Photo