

An Exhibition
Of
“Design Engineering - Prototyping”

- **ABOUT NGI**

The **Noble Group of Institutions – Junagadh** is meant for imparting knowledge and skill. The institute is the first of its kind in Saurashtra region, Gujarat state. It is a non-profit organization dedicated to the cause of social service, knowledge dissemination of youth of the world. Academia and Industry are embedded in, and reliant upon, the broader context of society.

The main aim of the NGI family is to impart to the students a high quality technical & scientific knowledge with ethics, so as to serve the society and the mankind with full devotion, dedication and commitment. It is the dream of the management to take this institute to a greater height in order to achieve “Centre for Excellence” in teaching learning, research and innovative activities within and outside the campus.

- **Design Engineering**

GTU introduced courses of Design Engineering through Design Spine, during the academic year 2014-15, beginning from the 3rd semester. Design Engineering is a very unique and pioneering initiative of GTU and it is based on “Design Thinking” methodologies developed and used by engineers and designers all over the globe. One of the key objectives of this initiative is to infuse the methodology of Design Thinking into the mind-set of the students and the Faculty Members so that it is used in the study of all the core subjects of every branch. Other main objectives include; To stimulate thought process and creativity among the students, To learn problem-solving techniques, To lessen the copy-pasting in the Project work etc.

- **Prototyping – As a Part of Design Engineering**

A prototype is an operating version of a solution. It is often made with different materials (cheaper and easier to work with) than the final version. This step is essential for Design Engineering Process. This will help students to implement future version their product.

- **Exhibition Details**

Particulars	Description
Event coordinator	Prof. Dipa Barad & Prof. Shradhdha Bhalodia
Total Number of Participants	51 Students
Total Number of Projects	14
Total Number of Visitors	400 Students and Faculties
Date	04th Oct., 2017
Time	12:00PM to 04:30PM
Venue	Seminar Hall (Ground Floor), NGI Campus.

- **Inauguration Ceremony**

Our Director Sir, Dr. H. N. Nagaraja and Heads of All Department have inaugurated the Exhibition.



• Prototypes at Exhibition

Exhibition is organized for prototypes developed by 5th and 3rd sem CE/IT students. These prototypes are means to enhance the future idea regarding the product implementation. Prototype for the following projects are demonstrated by students during exhibition

- Barcode based Inventory Management System
- Bus tracking System
- Flexible Reservation System to improve CPI through zero Corruption
- Drunken Drive Detection and Prevention Model
- Medical Reference System
- Smart Card



• **Visitors at Exhibition**

Exhibition is organized for all Engineering Students of different branches who are concerned with Design Engineering Subject. Principal Sir, Heads of all Department, faculty members of NGI and around 400 students have visited this exhibition.

