

*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 3<sup>rd</sup> 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 stimulus 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. Shradhdha Bhalodia
Total Number of Participants	150 Students
Total Number of Projects	30+
Total Number of Visitors	1000+ Students and Faculties
Date	14 <sup>th</sup> Sept, 2019
Time	10:30AM to 02:00PM
Venue	Reading Room (Ground Floor), NGI Campus.

- **Inauguration Ceremony**

Our Trustee members, Director & Principal Sir Dr. Vipul Vekariya and Heads of All Department have inaugurated the Exhibition.



## • Prototypes at Exhibition

Exhibition is organized for prototypes developed by 5<sup>th</sup> sem engineering students. These prototypes are means to enhance the future idea regarding the product implementation. Prototypes for the following projects are demonstrated by students during exhibition.

- myORGO
- WTB Vacuum
- Water Recycling
- Sanitary Napkins Dispenser
- Smart Glass Cleaner
- Rain Detector
- Separate Coin Machine
- Robo Arm

## • Visitors at Exhibition



