

# **InnovaTeX: An Ideathon**

**Brainstorming for the better future**

IEEE WIE SBNU organized a product designing Ideathon, “**InnovaTeX**” which was an online event and open for all universities Nationwide. The theme of the event was Sustainability. The main idea of the event was to let students pitch a design of a sustainable product that promotes environmental conservation and addresses a specific social or environmental issue. The design of the product should be innovative, practical, and have a positive impact on people and the planet.

There were a total of 35 teams who registered for the event. For registration a token fee of Rs. 50 was taken which was refunded back after successful participation of students. The registered teams were sent a mail on 3rd May 12:00 am regarding the problem statement in detail and evaluation procedure of the event. Thereafter on 4th May 6:00 am was set as the deadline for submission of ideas, wherein they were required to submit an abstract and presentation on that suggested idea. This concluded round 0 of the event. After round 0, 10 shortlisted teams were declared via mail and these teams were required to present their idea in front of a jury panel in a google meet held at 4:00 pm on 4th May. The jury panel consisted of Dr. Manisha Basu, Dr. Mehul Naik, Dr. Sachin Gajjar and Prof. Mayur Bhalavi.

## **Here is the brief introduction about judges who graced the event:**

**Dr. Sachin Gajjar** is an Associate Professor in the Electronics and Communication Engineering Department at Nirma University, where he has been teaching since 2002. He holds a B.E. in Electronics and Communication Engineering, an M.Tech. in Computer Technology from the Indian Institute of Technology Delhi, and a Ph.D. from Nirma University. With experience as a Lecturer in Computer Engineering at L D College of Engineering, and as a Software Engineer at Ferromatik Milacron and Videocon International Limited.

**Prof. Mayur Bhalavi** has done recent work and interests lie in the field of Experimental Design, material exploration, storytelling, and self-expression through objects, design for crafts and social innovation. Sir holds a Master of Design degree in Product Design from the National Institute of Design in Paldi, Ahmedabad, India, and a Bachelor's degree in Mechanical Engineering from the Indian Institute of

Technology in Powai, Mumbai, India. Sir has also been involved in livelihood generation through Newspaper Handicrafts as a Design Consultant in collaboration with Sanchetana, an NGO, since February 2018.

**Dr. Manisha Shodhan Basu** is an independent Architecture and Planning Professional with over 44 years of experience in the industry. She is the Owner of Manisha Shodhan Basu and Associates, where she has demonstrated her skills in Sustainability, Urban Planning, Comprehensive Planning, Landscape Architecture, and Sustainable Design. She holds a Bachelor of Architecture degree from CEPT Ahmedabad and a Master's degree in Town and Landscape Planning from Kunstakademiets Arkitektskole.

**Dr. Mehul Naik** is an Associate Professor, Head of International Relations, and Head of the Centre for Entrepreneurship at Nirma University in Ahmedabad, India. With a Bachelor's degree from LD College of Engineering in Ahmedabad, a Master's degree from Stevens Institute of Technology in New Jersey, USA, and a PhD from Kadi Sarva Vishwavidyalaya in Gandhinagar, India, he has a wealth of knowledge and experience in the fields of entrepreneurship and international relations. As an accomplished academic, he has contributed significantly to research in these fields and has also authored several publications.

**Dr. Manisha Shah** is working as an assistant professor at the department of electrical engineering, institute of technology, Nirma University. Dr. Shah graduated in electrical engineering from Gujarat university, Gujarat. She received her MTech degree and PhD degree in electrical engineering from Nirma university. She had also served as area in-charge of power electronics laboratory and a member of the board of studies. Dr. Shah has published many research papers in international / national journals and conferences. She has guided 28 postgraduate dissertations. Her areas of interest are power electronics converters, power supplies, multi-level converters, power quality improved devices and renewable source integration to the grid. She is a senior member of IEEE, USA, and a life member of ISTE. She is also serving as Ex-Com member of IEEE Gujarat section from the last three three years.

The pitches were evaluated based on creativity, uniqueness, practicality, daily use of product, costing of materials and process of manufacturing, distribution and disposal of product. Two different meets were held simultaneously for evaluation of 5-5 teams in one meet where in one meet judges were Dr. Manisha

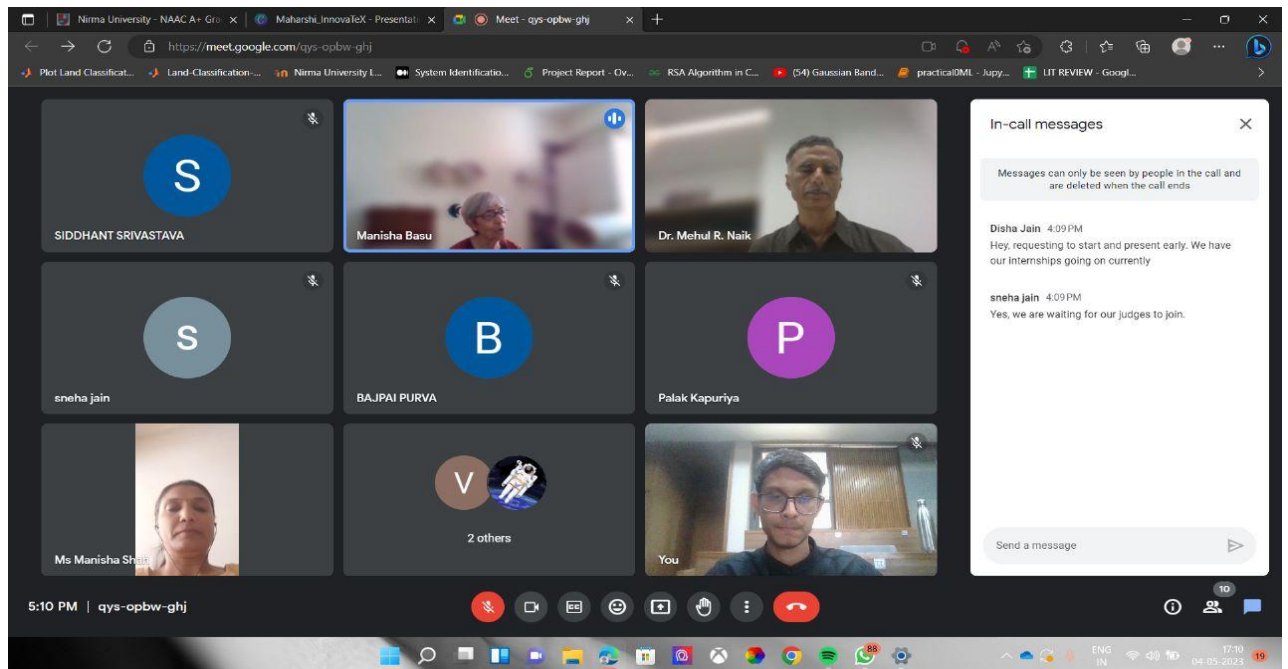
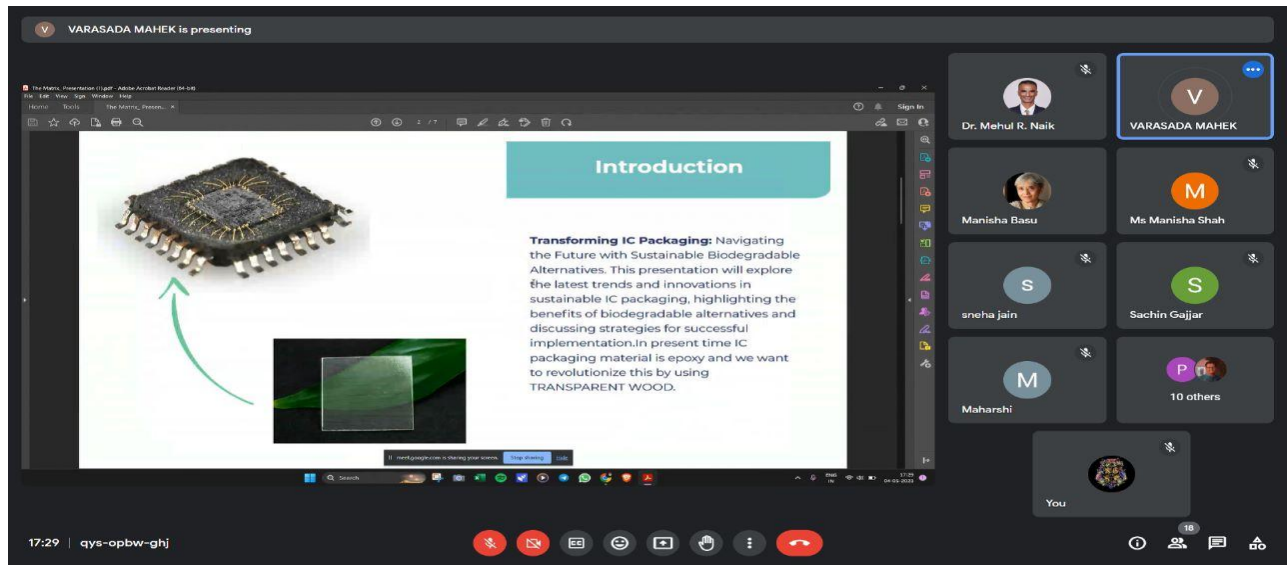
Basu, Dr. Mehul Naik and in another meet judges were Dr. Sachin Gajjar and Prof. Mayur Bhalavi. Moreover, the event was also graced by faculty coordinator of IEEE SBNU Dr. Manisha Shah. Soon after round 1 was over a total of 3 teams were called upon for the final presentation wherein a whole panel of jury evaluated and chose one team as winner and other as runner up.

	Google Meet 1	Google Meet 2
<b>Link</b>	<a href="https://meet.google.com/qys-opbw-ghj">https://meet.google.com/qys-opbw-ghj</a>	<a href="https://meet.google.com/rzd-cfmi-smr">https://meet.google.com/rzd-cfmi-smr</a>
<b>Judges</b>	Dr. Manisha Basu Dr. Mehul Naik	Dr. Sachin Gajjar Prof. Mayur Bhalavi
<b>Teams that presented</b>	Achievers Charlie's angels Ctrl-alt defeat The matrix Orange	Chal baaz cheete The deciders Matrix Prodocx Heat stroke detector watch
<b>Teams shortlisted for final round</b>	Ctrl-alt defeat The matrix	Matrix

	Google meet link for final round
<b>Link</b>	<a href="https://meet.google.com/qys-opbw-ghj">https://meet.google.com/qys-opbw-ghj</a>
<b>Judges</b>	Dr. Manisha Basu Dr. Mehul Naik Dr. Sachin Gajjar Prof. Mayur Bhalavi Dr. Manisha Shah
<b>Teams that present</b>	Ctrl-alt defeat The matrix Matrix
<b>Final winner and runner up</b>	<b>Winner:</b> Matrix <b>Runner up:</b> The matrix

Winning team has been given prizes worth Rs.3000 and runners up has been given Rs.2000.

Here are few glimpses of the event:



P PARMAR KRUNALSINH is presenting

Introduction to device 7 / 7 69%

### GOALS AND OBJECTIVES THAT ACHIEVED

- Encourage sustainable product design
- Use of biodegradable plastic and E-waste.
- Address a specific social or environment issue
- To prevents deaths from Heat strokes
- The entire product lifecycle in the design process
- The materials used in this can be recycle multiple times so lifespan is around 10-15 years.

### THANK YOU

### TRACKING HEATWAVE

TEMPERATURE FORECAST FOR TODAY (JUNE 12, 2020)

WINDSPEED (kmph) (1000h)

HEATWAVE EFFECTS MORE THAN 85% OF INDIA DURING HEAT WAVE DAYS.

IMAGE CREDIT INDIA TODAY GROUP

Mayur Bhalavi

INZELABANU MOHA...

PURVA DHARMESH

Palak Kapuriya

Sachin Gujjar

Mayur Bhalavi

5 others

You

16:57 | rzd-cfmi-smr

JUGAL BIPINKUMAR is presenting

### Design Considerations

- Shape
- Size
- Density
- Color
- Packaging

Dr. Mehul R. Naik

Disha Jain

Manisha Basu

Parth Shah

10 others

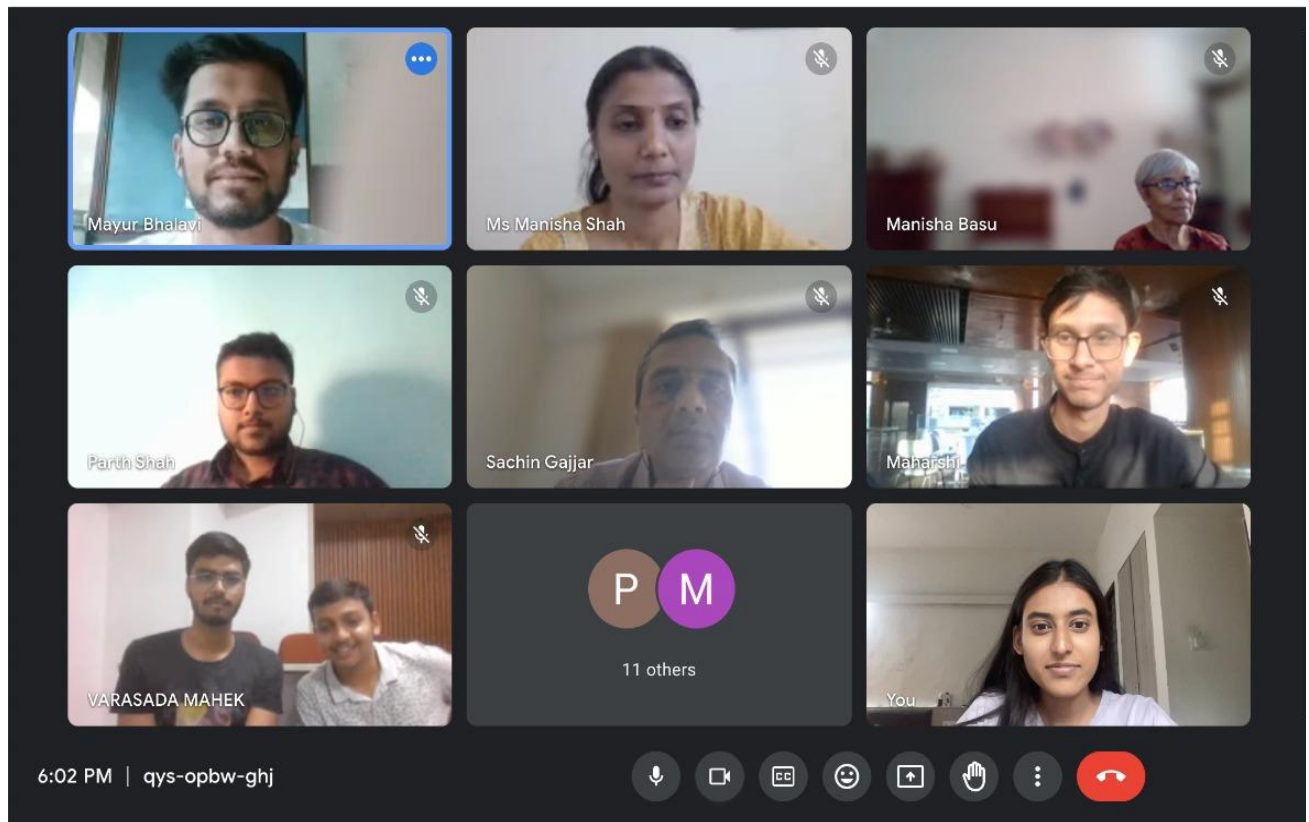
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People

Add people

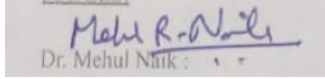
- JUGAL BIPINKUMAR Presentation
- Maharshi
- Manisha Basu
- Parth Shah
- San pic Photos
- SIDDHANT SRIVASTAVA
- Twisha Khokhra
- VARASADA MAHEK
- VATSAL KHANDELWAL



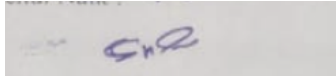
	TEAM NAME	TEAM MEMBER-1	TEAM MEMBER-2	INSTITUTE
<b>WINNER</b>	Matrix	Nilkanth Kapadia	Shivam Kesharwani	Institute of Technology, Nirma University
<b>RUNNER UP</b>	The Matrix	Mahek kumar Varasada	Ayush Sutariya	Institute of Technology, Nirma University

**JUDGES:**

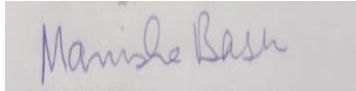
Dr. Mehul Naik :

A handwritten signature in blue ink, reading "Mehul R. Naik", is written over a printed name "Dr. Mehul Naik :".

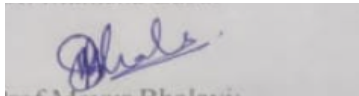
Dr. Sachin Gajjar:

A handwritten signature in blue ink, reading "Sachin", is written over a printed name "Dr. Sachin Gajjar:". The signature is stylized and partially obscured by the printed text.

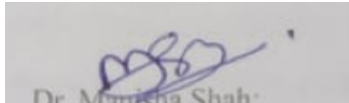
Dr. Manisha Basu:

A handwritten signature in blue ink, reading "Manisha Basu", is written over a printed name "Dr. Manisha Basu:". The signature is clear and matches the printed name.

Prof Mayur Bhalavi:

A handwritten signature in blue ink, reading "Mayur Bhalavi", is written over a printed name "Prof Mayur Bhalavi:". The signature is stylized and matches the printed name.

Dr. Manisha Shah:

A handwritten signature in blue ink, reading "Manisha Shah", is written over a printed name "Dr. Manisha Shah:". The signature is stylized and matches the printed name.