

GTU INNOVATION COUNCIL

www.gtuinnovationcouncil.ac.in



GTU Innovation Council Rajkot

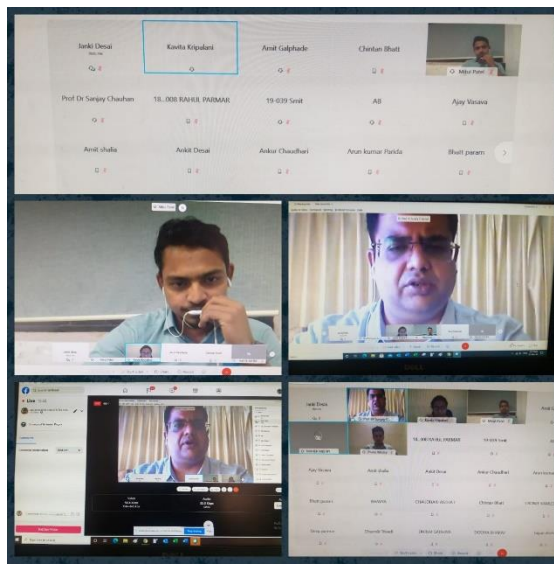


REPORT ON

Two Days Online Workshop “IDEATION TO PRODUCT DEVELOPMENT” Program Outline: RAJKOT CENTRE

Date: 7th December 2020 & 8th December 2020

Venue: Virtually over webex



Ideation to product development workshop organized by DIC and GISC Rajkot Centre, aim of these two days workshop focus on giving acquaintance of designing of product and then brainstorming with participants on first day.

Second day participants started developing module based on the problem statement under guidance of experts and then they assessed by panel members.

Day 1: 7th December 2020

- **Orientation session** – Introduction to Design pedagogy
- **Design Thinking** – Introduction, Its importance, socio-economic relevance
- **Product Ideation** – WHY, WHAT, HOW (Process, Characteristics, Method, Tools)
- **Hands-on Development of Product**– Experienced the Design Thinking process, thought process of Ideation, various methodologies for concept development.

Assignment post session: Found out the challenge that you would like to work on and form a team with colleague or any participants by either experts or domain specific.

Examples for Challenges:

- Solution to fight Corona Virus Outbreak Traffic, parking, pollution, public transportation related issues
- Healthcare for rural people
- Hybrid Electric Vehicle
- Online and remote sensing, GIS
- Toy , Animation and Furniture Design

Day 2: 8th December 2020

- **Hands-on product Ideation scrutinization** to understand tools and techniques for Observation
- **Summarization of Data** - Analysis of Data gathered during

Validation of Product Ideation done by Workshop Panel Members

Workshop Coordinators:

Dr.S.K Hadia DIC Incharge & Ms.Kavita Kripalani Dy.Director.

Experts who conducted this workshop:

1, Mr. Mahek Mistry (Director – SOPAN Infotech / SOPAN Institute of Engineering & Design)

He is contributing since 10 years in Advanced computer Aided Design field as well as Advanced Manufacturing field with innovation and challenging way of working attitude, Associate with majority of colleges in South Gujarat region for awareness about recent trends in Manufacturing field and importance of Automation in Industries, Also Delivered Expert Talk on Advanced Design concepts with innovation in various colleges as well as in conferences. SOPAN Group have domain in world of education industry, Engineering services & Placement consultancy.



2, Mr. Shrishail Hamine (Industrial Expert - SOPAN Group)

He is an innovator with masters in Mechanical Engineering with keen interest in Rapid Product Development. He is the co-founder at two innovations based start-ups (Frugal Sphere Innovations Krea Design Solutions) and currently leading the product design activities at Alphavector, India & fastest growing bicycle brand.



3, Mr. Chirag Solanki

Mr. Chirag Solanki is Founder and CEO of Redlion Group. He is Gujarat Technological University alumni and has done his bachelor's degree in Mechanical engineering. Under his strong leadership Redlion Group has grown at fast rate and currently operating in Education, Marketing and Financial sector. His vision in education has shaped the Redversity and he sees Redversity as the company which helps students in becoming industry ready and have necessary skill sets needed to excel in industry.



GTU INNOVATION COUNCIL

www.gtuinnovationcouncil.ac.in

4, Mr. Amit Galphade

He is COO of Redlion Group. He has done his MBA from Symbiosis International University and has ME in Design Engineering from North Maharashtra University.

He is currently pursuing PhD from Gujarat Technological University.

He is having diverse experience both in corporate world as well as in academics.

As a design engineer, he likes to see how an idea can be taken from the concept to actual useful product.



5, The National Small Industries Corporation Ltd., NISC Technical Service Rajkot Centre Team.