

Design Innovation Centre, HUB

One Page Report on Prototyping Techniques for Product Development

Prototyping Techniques for Product Development

Date: 6th May 2020

Time: 05:30 pm Onward

Expert Name: Mr. Vivec Desai

Registration Link:
bit.ly/GTU-dTalk

No. Of Registration: 203
No. of Participants: 70

The session was all about Prototyping Techniques for Product Development. First of all, Mr. Parth Sejjal introduces the speaker to all the students and faculties. Then, Mr. Vivec Desai started the session. The session started with the factors of the prototype. There are four factors of the prototype: Mockup, Functional, Aesthetic/Scale, and Low volume production. Then he discussed, in brief, all the factors. And gave some meaningful examples and showed some knowledgeable videos. The session concluded with a question-answer between Participants and the speaker.

Brochure:

The brochure features the GTU Design Innovation Centre logo and 'GTU d'Talk Dream Design Develop Second Cohort' branding. It presents a webinar on 'Prototyping Techniques for Product Development' with Mr. Vivec Desai as the speaker. Mr. Desai is identified as the Founder & Director of Workwell Innovation (Division of 2209 Labs LLP), an Industrial Designer and Electronics Engineer, and Visiting Faculty at Nimra University. He has over 8 years of experience in developing IoT devices and wearables, medical devices, home appliances, consumer electronics, packaging, machinery, and special purpose vehicles. The event is scheduled for 6th May 2020, Wednesday, at 05:30 PM India. A registration link is provided: bit.ly/GTU-dTalk. The brochure also mentions its association with the Institution's Innovation Council (SSIP).

Event Photo:

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled 'PROTOTYPE' which is structured as follows:

- MOCKUP**
 - Ergonomics
 - Volumetric
 - Form study
- FUNCTIONAL**
 - DFA
 - DFA Movement
- AESTHETIC/SCALE**
 - Fit
 - Finish
 - Material
 - Ergonomics
 - Colour
- LOW VOLUME PRODN**
 - User Feedback
 - Market testing
 - Dry run

Below the slide, there are four columns of materials:

- MATERIALS**
 - Paper
 - Thermoclay
 - Foam
 - Acrylic
 - MDF
 - Aluminum foil
 - Styrofoam
 - Metal wire
 - Aluminum sheet
 - PVC pipe
- MATERIALS**
 - Acrylic
 - MDF
 - 3d printed FDM/SLA/SLD
 - CNC
 - Vacuum forming
- MATERIALS**
 - 3D/SLA + Print
 - CNC + Print
 - Clay + Dvoco
- MATERIALS**
 - Vacuum Casting
 - Aluminum/MS tooling for vertical machines
 - 3d printed parts

The Zoom interface also shows a list of participants (77) and a chat window with messages such as 'good evening sir', 'Good evening Sir', 'yes sir', 'very noisy', 'Can everyone else mute themselves?', and 'Can everyone else mute themselves?'.