

TEQIP-III Sponsored Workshop on
Design Thinking for Educators in the New Normal
For Faculty Members from TEQIP Institutions
(28th to 30th Sept 2020)

Jointly Organized by



Bharatiya Vidya Bhavan's
Sardar Patel College of Engineering
Bhavan's Campus, Andheri (W), Mumbai, 400058



Rewa Engineering College
University Road, Rewa, MP, 486 002

Introduction

An automobile (car) has just one function, to help in commuting, taking an individual from one place to another place efficiently in quickest possible time. But when the cars are designed today in an exceedingly competitive world, the differentiation is the **experience**. Experience of driving and experience while driving. **Experience is the value the customer is willing to pay for.** Consider the Rolls Royce car of the future!

Welcome to '**Era of Experience Economy**'. In the experience economy, it is the '**value**' that sells. This is applicable to every industry including Learning & Development. Then the question is, with online education, what kind of experience we would like to provide? What would you like to do to get the learner interested in learning and how do you get him hooked onto your learning system. What is the kind of ecosystem you would like to build? When we have the open ended question and not one right solution, or a method to arrive at the solution, we seek '**Design Thinking**' methodology.

Course Contents

This workshop covers the four principles of design thinking that can significantly increase participant's likelihood of crafting learning experiences that learner's value and businesses see operational results from:

- ✚ **Principle 1:** Recognize learning as a journey. Plan for the journey instead of an event.
- ✚ **Principle 2:** Get perspective
- ✚ **Principle 3:** Find and mind the "sweet spot"
- ✚ **Principle 4:** Prototype before you refine

This three day online program takes participants through the entire journey of design thinking process to help in step-by-step building of digital eco-system for learning, which will enable the learners the flexibility of consuming the knowledge and skills at their convenience. It starts with understanding the unmet needs of the learners and understanding of what the eco-system means and how to build one. It has to be noted that it is a virtual environment that need to be created for learning with right experience design.

e-Certificate would be awarded to the participants who attend all the sessions and submit the feedback after every session.

The link for submitting the feedback will be given at the end of every session.

Objective

Understand the educational challenges in the new normal and explore the ways of handling them using design thinking philosophy

Program Outline

Day 1	Introduction to Design Thinking; Relevance of Design Thinking in the new normal; Mental Models, Frameworks & tools; Defining a design challenge
Day 2	Empathize, the heart of design; Practicing Empathy; Ethnography, Journey mapping as tools; Define: Reframe the problem using the insights from Empathy stage; Developing a point of view
Day 3	Ideate: Beyond brain storming; Alternative techniques when the thinking is to be done individually; Idea evaluation Prototype & Test: Get smarter and faster Putting all together: Designing of Digital Eco system for Learning by putting learners at the center

Resource Person



Mr. Basavaraj Hooli is M. Tech. in Computer Science and Engineering from IIT Bombay. He is a strong Technology professional and a Telecom domain specialist with 30+ years of diverse experience in industry, start-ups, entrepreneurship and research. He is founder director of Graceful Growth Consulting India Private Limited, a consulting company engaged in growth consulting for the MSME sector. Internet of Things is his current area of work and is helping Cognito Networks, USA in developing IoT framework and solutions using the framework. He is advising C-DAC on developing IOT centric smart cities and ML models for flood prediction & disaster management.

He is currently a Senior Adviser at CDAC, Pune. He also consults Tata Consulting Engineers (TCE) on IIOT and conducts Design Thinking programs.

Organizing Committee

Dr. S. S. Umale
HoD – Mechanical Engg, SPCE

Dr. Ms. Anupa Sabnis,
HoD – Electrical Engg, SPCE

Dr. M. M. Murudi,
HoD – Civil Engg, SPCE

Prof. A. A. Bage
HoD – First Year, SPCE

Patrons

Dr. M. M. Murudi, I/c. Principal, SPCE, Mumbai

Dr. B. K. Agrawal, Principal, REC Rewa.

Coordinators

Dr. R. T. Dahatonde, TEQIP Coordinator, SPCE

Dr. S. B. Rane, Dean Academics, SPCE Mumbai

Dr. R. P. Tiwari, TEQIP Coordinator, REC Rewa

Dates

28th to 30th Sept 2020

Time

4.00 pm to 6.00 pm

Platform

Google Meet

Registration

There is **no registration fee** for this workshop. The interested participants from TEQIP Institutes need to register at this link:

<https://forms.gle/Y5Dh9BSYie5qi1uZA>

The link for joining the workshop will be sent by email to all the registered participants.