

# Walchand Institute of Technology, Solapur

WIT-Institution's Innovation Council

& Entrepreneurship Development Cell

## Report of Seminar

**Topic** : Idea, Proof of Concept & Prototype

**Details of Speaker** : Prof. V. P. Kulkarni  
(Innovation Ambassador)

**Date** : 01/02/2022

**Timing** : 11:00 a.m.

**Proceedings** :

Initially Prof. V. P. Kulkarni guided students for generation of ideas for their business. He discussed various methods of generation of ideas. Further, he said that Proof of Concept (PoC) is an evidence, typically derived from an experiment or pilot project, which demonstrates that a design concept, business proposal, etc. is feasible. He told that PoC should demonstrate that the product or concept will fulfill customer requirements while also providing a compelling business case for adoption. He said that prototyping is needed for better understanding of the design intent, Early Feedback, Early changes save time and cost, Validation before development, User research and user testing. He explained the difference between Idea, Proof of Concept & Prototype. He discussed about the various tools / instruments required for prototyping. He told students that they can make use of 3D Printing facilities, 3D Animation & various software for the same. He reminded all students, the quote, "If a picture is worth 1000 words, a prototype is worth 1000 meetings." He said that prototyping is the conversation we have with our ideas. He said that we should Fail Early, Fail Fast so that we will succeed sooner.

He also guided students on Minimum Viable Product (MVP). He explained the difference between PoC or prototype & MVP. He said that PoC or prototype comes in the pre-product stage while MVP enter a product stage with core functionalities and features to see how the market receives our idea.

189 final year students of different streams of engineering attended the session. Prof. Kulkarni said that students should their business ideas as a project during final year & should test their prototypes during the graduation itself.