



Walchand Institute of Technology,
Solapur



Institution's Innovation Council

Report of Self-Driven Activity

Day & Date : Wednesday, 21/08/2024

Speaker : Mr. Vipul Hiralal Kondekar, Innovation Ambassador, IIC-WIT, Solapur

Topic : Prototyping of products & services

Proceedings :

Mr. Kondekar started the session by defining prototyping and explaining its significance in reducing development risks and ensuring the aligning of final product with user needs. He then discussed the different stages of prototyping, from low-fidelity models like sketches and paper prototypes to high-fidelity digital or physical prototypes. The emphasis was on how these prototypes serve as a bridge between the initial idea and the final product, allowing developers to test and refine their concepts before full-scale production. He also compared these types of prototypes with respect to their simplicity, functionality, cost etc.

He then gave information about the various tools for product and service prototyping. He elaborated on various things like functionality, compatibility which need to be considered while choosing a prototyping tool. He added that regardless of the needed fidelity, most prototypes will go through five distinct stages: defining, focusing on features, production, testing, and presenting.

He discussed about different approaches of prototyping viz. Rapid (Throwaway) prototyping, Evolutionary prototyping, Incremental prototyping & Extreme prototyping. He also told students about the facilities like 3D printing & other available at our institute for prototyping of products & services.

80 students & 4 faculty members participated in the event. They came to know meaning of prototyping & its various types.

Pics:

