

Walchand Institute of Technology, Solapur

WIT-Institution's Innovation Council

Report of workshop

Topic : Design Thinking, Critical Thinking and Innovation Design

Details of Speaker : Prof. V. P. Kulkarni (Innovation Ambassador) &
Prof. S.S. Hipparagi

Date : 14/02/2022

Timing : 10:00 a.m.

Proceedings :

I Session- Design Thinking

Prof. V. P. Kulkarni explained the concept of Design Thinking, He started with a video to make audience understand the need of keen observation. Five steps of Design Thinking: EDIPT (Empathy, Define, Ideate, Prototype and Test) was explained in detail. Many examples were quoted where design thinking is used to make new products. Lastly question answer sessions was taken up.

II Session- Critical Thinking

Prof. S. S. Hipparagi started with the definition of problem and how critical thinking helps in taking right decision. Importance of critical thinking in day to day life and owning the decisions was explained. Five steps towards critical thinking were explained in detail with examples. Session ended with questions and answers.

III Session – Innovation Design

Session was started with the better understanding of term Innovation and difference between creativity and innovation. A case study of Phototherapy and Warmer used as medical equipment was discussed. It was made known to the audience that innovation is very much needed in every field. Five step process of Need, Ideas, experimentation & Validation, Commercialization and Improvement cycle were explained with examples so that audience have deep understanding of Innovation Design. Session ended with questions and answers.

200 students attended the workshop. Dr. Ms. A. V. Thalange proposed vote of thanks at the end of session.

Pics:

This screenshot shows a Google Meet window. The main display area shows a presentation slide from Walchand Institute of Technology, Solapur. The slide is titled 'Welcome' and is for a 'One Day Workshop on Design Thinking, Critical Thinking and Innovation Design' held on 14th February, 2022. It includes a warning about sharing the screen and a 'Stop presenting' button. The right sidebar shows a grid of participant avatars, including 'E&TC WIT, Solap...', 'Sanjyot Sulgadale', 'CIVIL_TY_56_Waf...', 'ELN_SY_15_Venk...', 'ETC_FIN_B_75_S...', 'Vaibhav Kulkarni', '107 others', and 'You'. The bottom status bar shows the time as 10:10 AM and the meeting ID 'jou-vsry-pam'.

This screenshot shows a Google Meet window with a presentation slide titled 'Design'. The slide is a complex mind map centered on 'Design'. It branches into several categories: 'Design Opportunities' (including Aspirations, Beliefs, Ethnic Groups, Geography, History, Society, Life, Work, Play, Nature, Environment, Water, Wildlife, Conservation, Documentation, Art, Law, Management, Economics, Social Sciences, Humanities, Literature, Science, Philosophy), 'Design Specialisations' (including Space Design, Service Design, Design Policy, Design Management, Industrial Design, Communication Design, Interface Design), 'Design Sensibilities' (including Empathy, Observation, Analysis, Imagination, Reasoning, Creativity, Visualisation, Prototyping, Modelling), 'Design Knowledge' (including Uses Knowledge, Technology, Communication, Prototyping, Modelling), and 'Needs abilities in' (including Empathy, Observation, Analysis, Imagination, Reasoning, Creativity, Visualisation, Prototyping, Modelling). The right sidebar shows participant avatars, including 'You', 'Vaibhav Kulkarni', and '198 others'. The bottom status bar shows the time as 10:52 AM and the meeting ID 'jou-vsry-pam'.