

# Walchand Institute of Technology, Solapur

## WIT-Institution's Innovation Council

### Report of Seminar

**Topic** : Exciting journey from Problem to Product by incorporating Project Based Learning (PBL)

**Speaker** : Dr. Vikas Shinde, Director- PBL Centre,  
Vishwa Niketan's Institute of Management, Entrepreneurship & Engineering Technology, Mumbai

**Date** : 13/04/2022

**Time** : 11 a.m. to 12:30 p.m.

#### **Proceedings :**

Dr. Vikas Shinde initially introduced all about 5 different types of leanings, Problem, Project, Product, Prototype, People -based learnings. Then he focused on Project Based Learning & told that by participating in Project Based Learning (PBL), students gain knowledge and skills by working for an extended period of time with an entrepreneur or small business to investigate and solve an authentic, real-world, engaging, and complex question, problem, or challenge. He further said that starting a business at school is an emerging project-based learning experience. As technology and startup culture spreads across the world, many schools are using entrepreneurship as a tool to teach 21<sup>st</sup> century skills that translate into the real world. He explained how entrepreneurship teaches students a wide range of skills simultaneously: problem-solving, decision making, critical thinking, communication, creation, innovation and more. He added that, students can learn about finance, business and marketing - all of which can turn into career options.

He explained about the process of problem to product. He gave examples of project based learning Aalborg system, removing the grass from river bed & handling safety issues of domestic LPG cylinders. He explained how this approach will lead to Proof of concept / Prototype, Software / algorithm / App etc. He told that student teams should be interdisciplinary in nature.

He also talked about User Centered Design, User Experience. He gave many examples of User Centered Design.

Total 8 students & 35 faculty members attended the session. Students & faculty came to know how Project Based Learning can help them in entrepreneurship.

**Pics:**

