

Walchand Institute of Technology, Solapur

WIT-Institution's Innovation Council

Report of Seminar

Topic : Innovation & Creativity

Details of Speaker : Dr. Sandeep H. Wankhade
Associate Professor,
AISSMS College of Engineering, Pune
Member TRIZ, Association of Asia &
International Business TRIZ Association

Date : 29/09/2021

Timing : 11:30 a.m. to 1:00 p.m.

Proceedings :

Dr. L.M.R.J. Lobo, Convener – WIT- Institution's Innovation Council (IIC) & Coordinator-Impact Lecture Series, introduced Dr. Sandeep Wankhade. Dr. Lobo informed all about the IIC established at our institute. He also explained about the impact lecture series being conducted with the aid from MoE's Innovation Cell, Government of India.

Dr. Wankhade started his session with an innovative puzzle. He said that innovation & creativity play vital role in entrepreneurship. He discussed about the divergent thinking which is necessary for creativity. He told students the difference between the invention & innovation. He discussed in detail TRIZ (Theory of inventive problem solving) which is based on abstracted knowledge. He told students about the 40 inventive principles & 39 engineering parameters. He gave many examples of successful ventures due to innovation. Few of these were Apple, Airbnb, and Uber. He told students to think out of box.

Total 96 students & faculty of various streams of engineering attended this session. The feedback from the participants was taken. It came to know that the session was very much helpful to students & faculty.

For assessment purpose a quiz was taken to know the impact of the session. Students & faculty understood the role of innovation & creativity in entrepreneurship. They came to know the importance of creativity in entrepreneurship. They also came to know the difference between innovation & invention. This session will definitely help them in near future.

Pics:

meet.google.com/gvq-trnc-hyj

REC Sandeep Wankhade is presenting

TRIZ is Based on Abstracted Knowledge

Patents: 200,000

Inventive Patents: 40,000

Key Findings

- Levels of invention
- Definition of inventive problem
- Patterns of technology evolution

TRANSFERABLE

General Purpose Principles

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12:17 PM | IIC Impact Lecture Series: Session 1

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REC Sandeep Wankhade is presenting

How effective is Idea in Innovation?

IDEA

Launch it Sell It

Make It

Fund It Protect It

Brand It

Design It

Test It

Define It

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12:10 PM | IIC Impact Lecture Series: Session 1

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