Activity Report

Of

"Process of Innovation Development & Technology Readiness Level (TRL)"
& "Commercialization of Lab Technologies"

SANDIP
FOUNDATION

Organized by ,

Ministry of Education's (MoE) Institute Innovation Councile (IIC),

Engineers Without Border(EWB),

Women In Engineering(WIE)

Sandip Institute of Technolgy and Research Centre, Nashik

Date: 21st February 2022

Aim: To attend expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies"

Objective:

To understand about Smart India Hackathon (SIH) 2022 edition.

Venue: Online

Conducted By: Ministry of Education's (MoE) Institute Innovation Council (IIC), Engineers Without Border (EWB), Women in Engineering (WIE)

Name of the resource Person: Dr. Gayatri M. Phade, HOD E&TC, Mentor SANDIP – TBI, President, IIC, SITRC, Nashik.

Audience: Students, Faculty etc.

Outcomes:

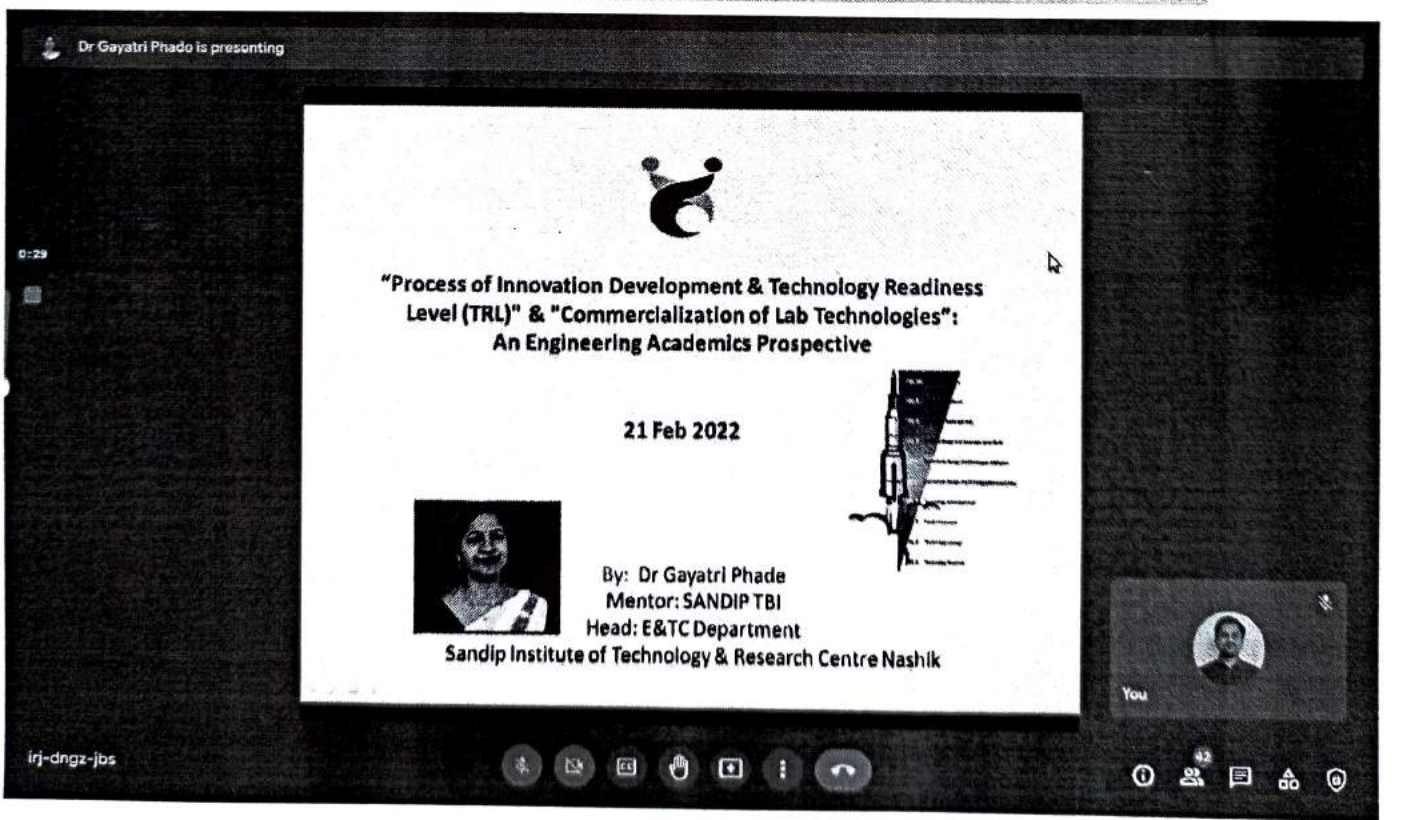
Dr. Gayatri Phade HOD E&TC, Mentor SANDIP – TBI, President, IIC, SITRC, Nashik conducted expert lecture on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies". In which she explained about TRL that is Technology Readiness Levels (TRL) which is a method of estimating the technology maturity of Critical Technology Elements (CTE) of a program during the acquisition process. Definition: Technology Readiness Levels (TRL) are a method used to measure and assess the maturity of a particular technology.

Originally developed by NASA in the 1970s for space exploration technologies, TRLs measure the maturity level of a technology throughout its research, development and deployment phase progression. TRLs are based on a scale from 1 to 9, with 9 being the most mature technology.

Technology readiness levels (TRLs) are a method for estimating the maturity of technologies during the acquisition phase of a program, developed at NASA during the 1970s. ... TRLs are based on a scale from 1 to 9 with 9 being the most mature technology.

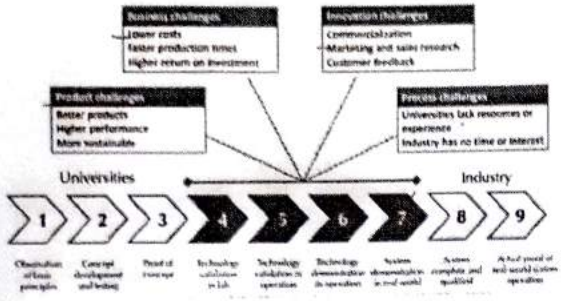
Sandip Institute of Technology and Research Centre, Nashik in association with Ministry of Education's (MoE) Institute Innovation Council (IIC), Engineers Without Border (EWB), Women

in Engineering (WIE) organized and Expert talk in which More than 50 students and faculty attended the expert talk.



Dr Gayatri Phade is presenting

Challenges in TRL Level



Dr Gayatri Phade | Vivek Ugale | Abhishek Shimpi | 39, ABHISHEK SUB... | Sahil Shaikh | DSE-53-Chirag Zo... | TE 22 Simran Nikam | 21 others | You

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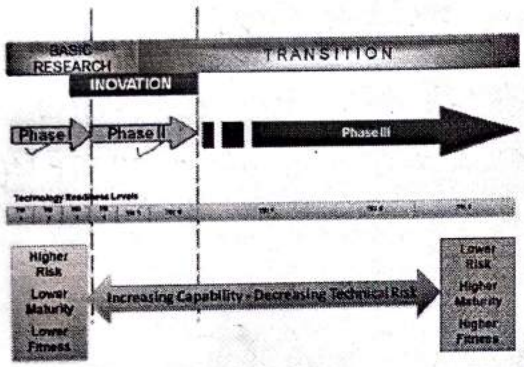
Dr Gayatri Phade is presenting

Relationship to TRLs



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Sandip Foundation's

Sandip Institute of Technology & Research Centre, Nashik

Approved by AICTE and Affiliated to Savitribai Phule Pune University, Pune

CERTIFICATE OF PARTICIPATION

This is to certify that

Simran Chandrakant Nikam

has participated in

An Expert Talk on 'Process of Innovation Development & Technology Readiness Level (TRL)' & 'Commercialization of Lab Technology' organized by Sandip Institute of Technology & Research Centre, Nashik on 21st February 2022.

Prof. Vivek D. Ugale
Event Coordinator

Prof. Swati S. Pawar
Convenor, IIC SITRC, Nashik

Dr Gayatri M. Phade
President, IIC SITRC, Nashik

Dr Sanjay T. Gandhe
Principal, SITRC

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Prof. Vivek D. Ugale
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Prof. Swati S. Pawar
Convenor
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Dr. Gayatri M. Phade
President
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