



SRI KRISHNA INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi)

No. 29, Hesaraghatta Main Road, Chikkabanavara P.O., Bengaluru - 560 090.

DEPARTMENT OF MECHANICAL ENGINEERING



REPORT ON WEBINAR - Nov 28, 2020

As a Subject Teacher it's my whole responsibility to conduct WEBINAR in order to enhance online learning skills of our students, the department of Mechanical Engineering is hosting on the following schedule and the topic:

Topic: "Fluid Power Engineering & its Industrial Applications".

Date: Nov 28, 2020

Resource person: Dr.SN Teli, Professor, Mechanical Engineering Department Bharati Vidhyapeeth College of Engineering Navi Mumbai.

Time: 3:15 PM - 5:15 PM

About the speaker: Dr.SN Teli is a Professor, Mechanical Engineering Department Bharati Vidhyapeeth College of Engineering Navi Mumbai and is expertise in Industry 4.0 technology, Hydraulic & pneumatics, Control Engineering, Mechanical Vibration and Intellectual property rights process. He has 23 years of teaching experience and has filed nearly 10 patents. He was awarded as recognized PG teacher award.

Description: During this webinar, he shared the thoughts of his own experience like industry 4.0 technology. He also shared an idea about applying patent on the projects. He motivated the participants in the way of to improve thinking skills. He presented videos and using FEESTO software about perseverance finally by referring pneumatics & hydraulic circuits and industrial applications.

Program: For this Webinar, registration link using Google Meet. The link was circulated among students of 5th and 7th Sem Mechanical Engineering through what's app and email, for our surprise 3rd sem students are also joined this webinar that is good thing, More than 45 out of 60 participants both Teaching Faculty Members and Students have participated.

At the beginning, Mr. APPESE S D, Main event coordinator, Assistant Professor, Department of Mechanical Engineering gave a welcome address to the participants, Guests and delivered the vote of thanks.

From the WEBINAR, the participants had the opportunity to know about the Fluid Power Engineering & its Industrial Applications and tools to use an innovative project using hydraulic and pneumatic circuits in addition to gained knowledge about software's finally given E-certificates to those who registered for this webinar.

Glimpse of the Webinar presentations:

The image shows a screenshot of a webinar presentation slide and a Google Meet interface. The slide, titled "SRI RAGHAVENDRA EDUCATIONAL INSTITUTIONS SOCIETY® SRI KRISHNA INSTITUTE OF TECHNOLOGY Department of Mechanical Engineering", features a large photograph of a modern building and the text: "Welcome to a Webinar on 'Fluid Power Engineering & It's Industrial Applications'. Date: 28^h Nov -2020". Below the slide is a collage of industrial images including excavators, trucks, and machinery. The Google Meet interface shows a presentation window with a slide titled "Fluid Power Engineering" featuring a robotic arm and the text "Industry 4.0". The presenter is identified as Dr. S.N. Teli, Professor at Bharati Vidyapeeth College of Engineering, NaviMumbai. The interface also displays a grid of participants, including shiva niranjan, CHETHANVL..., Pramad 16me..., Praveen Kumar, Muhammed S..., PRAMOD S, RAKSHITH U, Kavya Shree, Raj 18me414, SUMANTH M..., and Arvind Kittu. The bottom of the image shows a Windows taskbar with the search bar and system tray.

meet.google.com/ncs-qaiz-tfw?authuser=0

REC Dr. S.N. Teli is presenting

3:27 PM

Key Challenges of Industry 4.0

Participants: Dr. S.N. Teli, shiva niranjan, Muhammed S..., Pramod 16me..., Praveen Kumar, PRAMOD S, RAKSHITH U, Kavya Shree, AJAYG NAIK, SUMANTH M..., Vinnu Gowda, CHETHANVL...

Windows taskbar: Search, 3:27 PM 11/28/2020

meet.google.com/ncs-qaiz-tfw?authuser=0

REC

4:30 PM

Participants: Dr. S.N. Teli, Muhammed Shahid, PRAMOD S, RAKSHITH U, Neelesh 18me408, Kavya Shree, SUBHASH 19ME415, CHETHANVL VL, VARDHAN KULKARNI, Arvind Kittu, Shreekanta Shree, AKASH H, shiva niranjan, JEEVAN B, Pavan 18me411, PRAJWALJIGALORE P JIGALORE

Windows taskbar: Search, 4:30 PM 11/28/2020

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REC Dr. S.N. Teli is presenting JEEVAN B and 11 more 26 3:35 PM You

Industrial Pneumatic Circuit

Que 1: Draw working of single acting cylinder pneumatic circuit.

OR

A Single acting cylinder is to clamp a component, when the push button is activated the cylinder is to remain in the clamped position. If the push button is released, the clamp is to retract.

Solution:

3/2 Spring Return Valve

2 DCV

Dr. S.N. Teli shiva niranjan Pramod 16me... Praveen Kumar

Muhammed S... PRAMOD S RAKSHITH U Kavya Shree

AJAYG NAIK Vinnu Gowda CHETHANVL ... santosh patil

gdbgcwdnq2 Activate Window Go to Settings to a Dr. S.N. Teli windows.

Raise hand Turn on captions Dr. S.N. Teli is presenting

Inbox - appesemeh@skit.org STTP Feedback-Form - asdme Feedback-Form - Google Form Meet - ncs-qaiz-tfw (1) WhatsApp

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REC Dr. S.N. Teli is presenting shiva niranjan and 4 more 19 4:28 PM You

FluidSIM (Democlient)

File Edit Execute Library Insert Diagrams Project View Options Windows

FluidSIM Component Library Cylinder 2

Dr. S.N. Teli Muhammed S... PRAMOD S RAKSHITH U

AJAYG NAIK Neelesh 18m... SUBHASH 19... CHETHANVL ...

VARDHAN KU... Arvind Kittu Shreekanta S... Kavya Shree

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Raise hand Turn on captions Dr. S.N. Teli is presenting

Search 11/28/2020



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Certificate of Participation

*This is to certify that, **Rakshith. U** of Sri Krishna Institute of Technology, Bengaluru, has participated in a webinar on "**Fluid Power Engineering & its Industrial Applications**" on 28th November 2020 organized by the **Department of Mechanical Engineering**, Sri Krishna Institute of Technology, Bengaluru.*

Handwritten signature of Mr. Appese S D in blue ink.

Mr. Appese S D
Coordinator

Handwritten signature of Prof. Sreenivasan A in blue ink.

Prof. Sreenivasan A
HOD

Handwritten signature of Dr. A Manjunatha in blue ink.

Dr. A Manjunatha
Principal