



**An Industry Expert Talk Report on
"Design, Testing and Application of Power
Transformer"**

Organized by

**Department of Electrical and Electronics Engineering in Association with
IEEE Student chapter MITS, Madanapalle, on 1st -NOV-2021,
10:00AM to 12:30PM**

Submitted by: Mr. V. B. Thurai Raaj, Asst. Professor, Dept. of Electrical and Electronics Engineering

Resource Person: Mr. P. Eswaramoorthy, Deputy Manager, Toshiba Transmission & Distribution Systems (India) Pvt. Ltd. Hyderabad

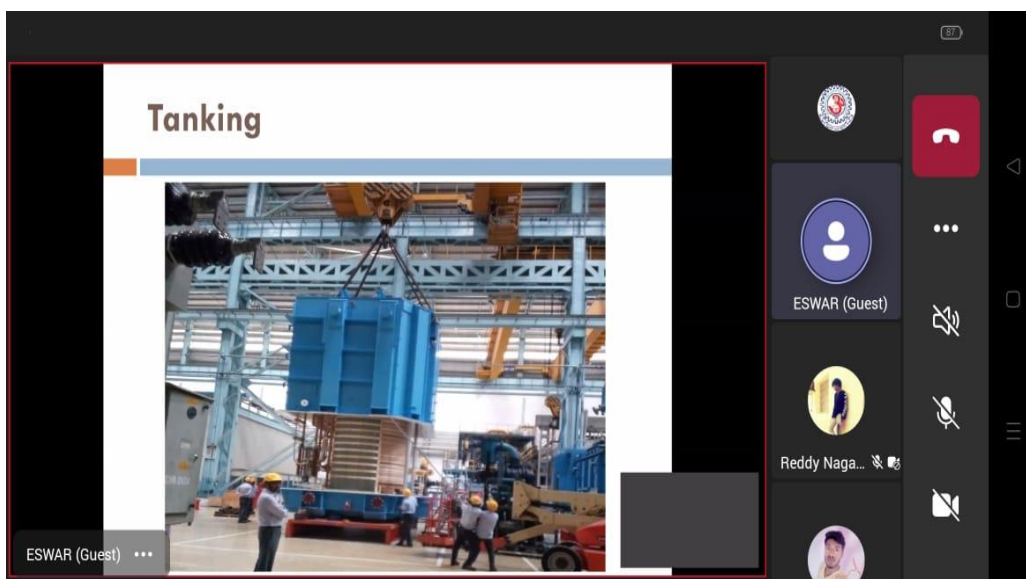
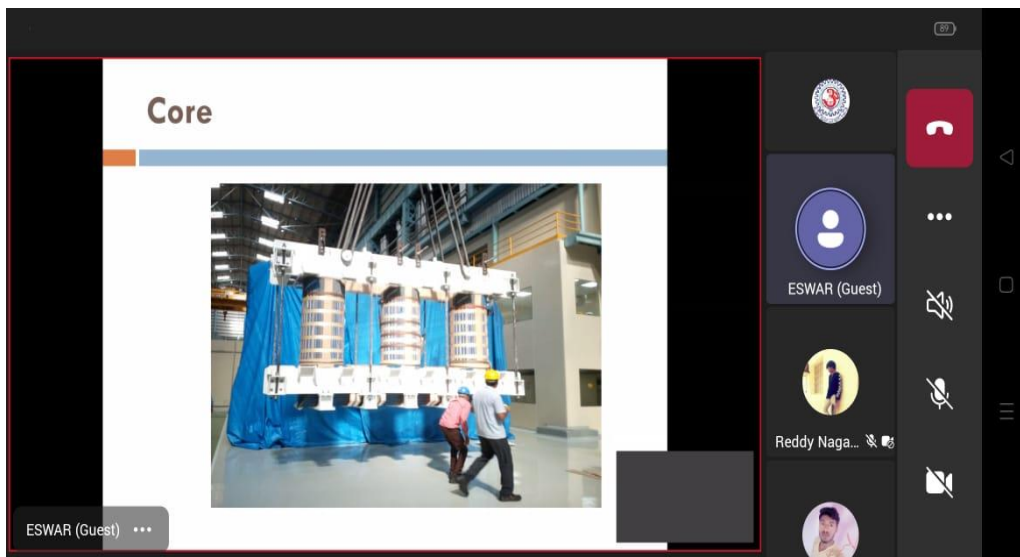
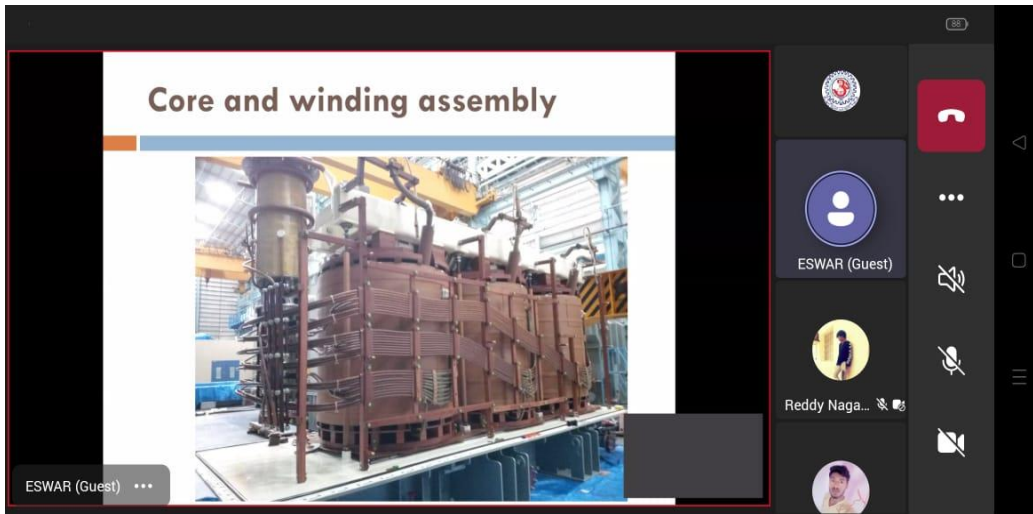
Attended: III B-Tech students, Faculties of our institution, participants from other institution (Total Number:114- Offline: 89, online: 25)

Mode: Microsoft Team

The webinar was started at 10 AM. It was initiated by Dr. A. V. Pavan Kumar, HOD-EEE Department. The resource person **Mr. P. Eswaramoorthy**, Deputy Manager, Toshiba Transmission & Distribution Systems (India) Pvt. Ltd. was introduced by Mr. V. B. Thurai Raaj, Assistant Professor, Dept. of EEE.


1. The resource person started the webinar with the important role of electricity and need of electrical engineers.
2. With that continuation resource person started the technical discussion about power transformers.
3. Following to that he discussed about the design factors of power transformer along with cost effective issues. In designing part, he discussed about various types of transformer like single phase 333MVA (1200,400,33kv auto transformer), 500MVA (765/400/33kV)
4. Then the talk was about various testing methodologies and it necessary. The resource person shown real-time photo copy of testing laboratory and available facilities in the industry.
5. The entire session was full informative and it reveals the job opportunities at various capacity. At final the participant of industry expert talk got wide idea on power sector side and it shows the lots of core side job opportunity.
6. The webinar was concluded by a vote of thanks which was given by Dr. A. V. Pavan Kumar, HOD-EEE Department.

Event Photos:





Test Lab




ESWAR (Guest) ...

ESWAR (Guest)


Reddy Naga...

500 MVA (765/400/33 kV) Single phase Transformer



ESWAR (Guest) ...

First 1200 kV Transformer in India



**333 MVA
1200/400/33 kV
Single Phase Auto
Transformer**

ESWAR (Guest) ...

ESWAR (Guest)

Kiran. N

BK

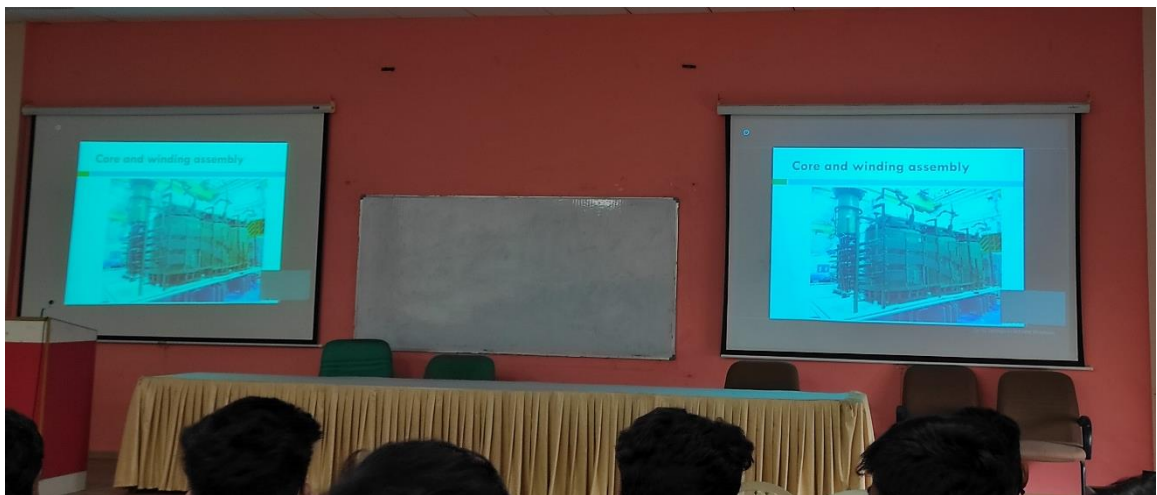
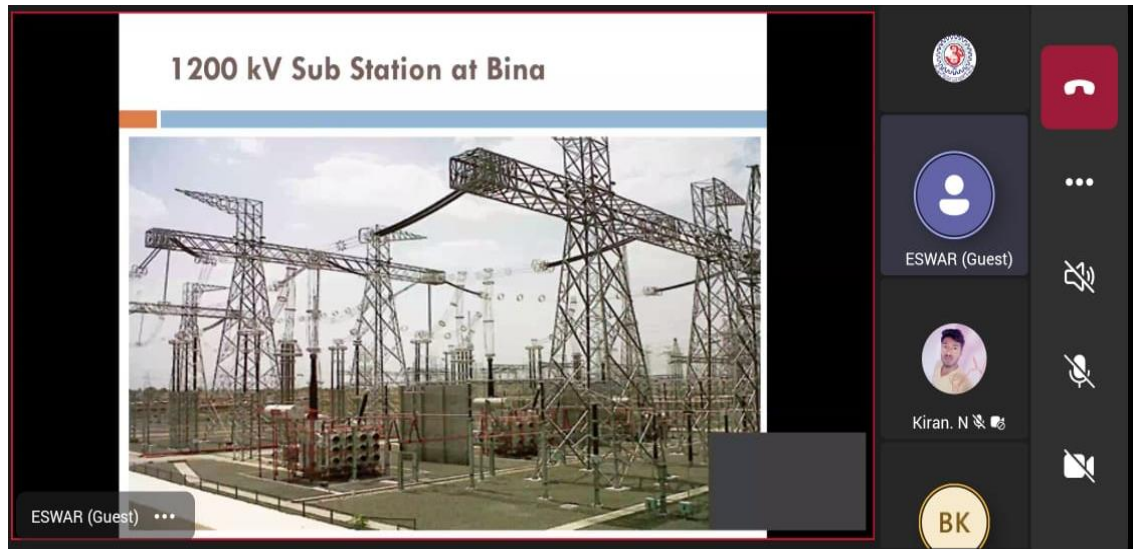


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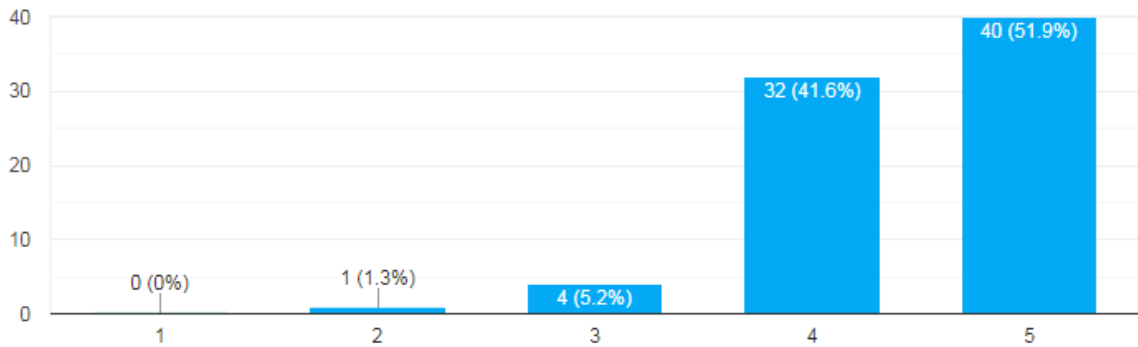
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Feedback Analysis

Link: <https://forms.gle/g9LHAsWoh399yXw47>

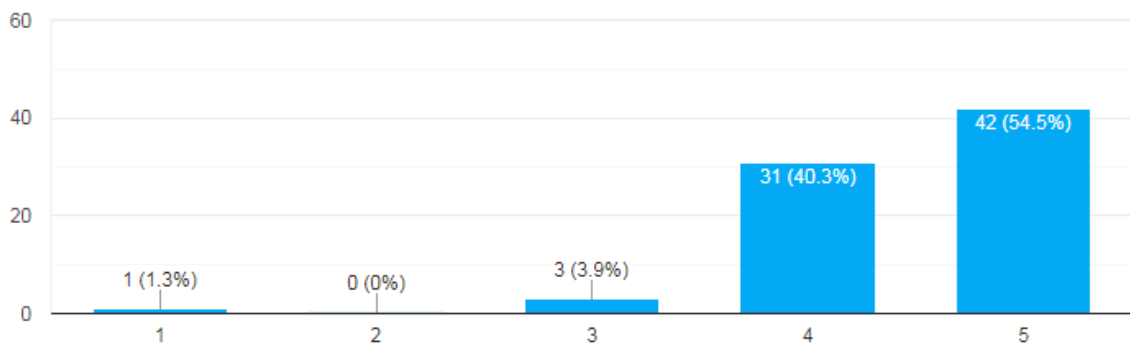
1. The interactive session was scheduled at a suitable time

77 responses



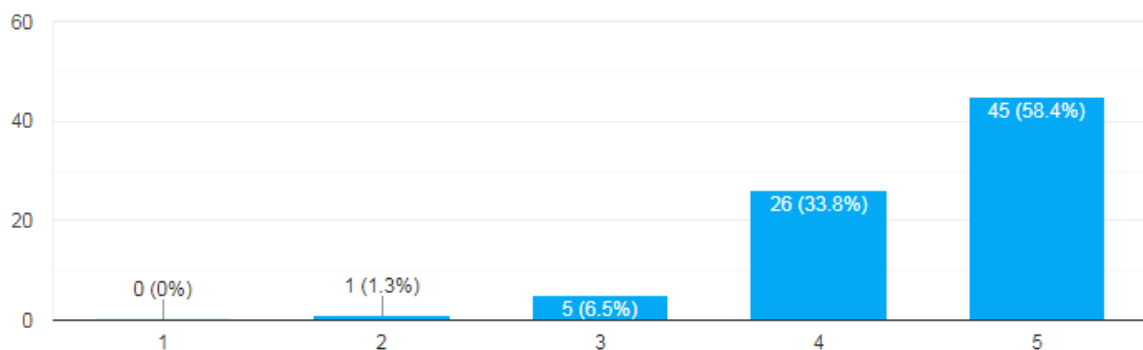
2. The interaction was useful and resource person explanation.

77 responses



3. The information in the interaction was presented in a clear and organized manner.

77 responses

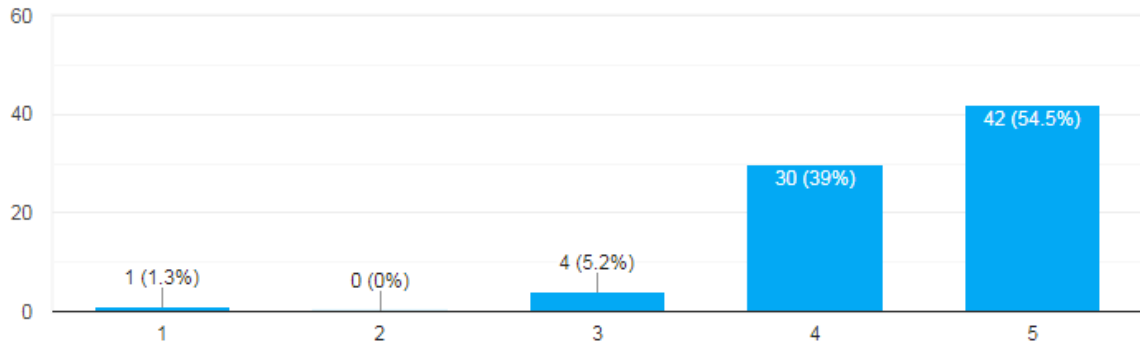




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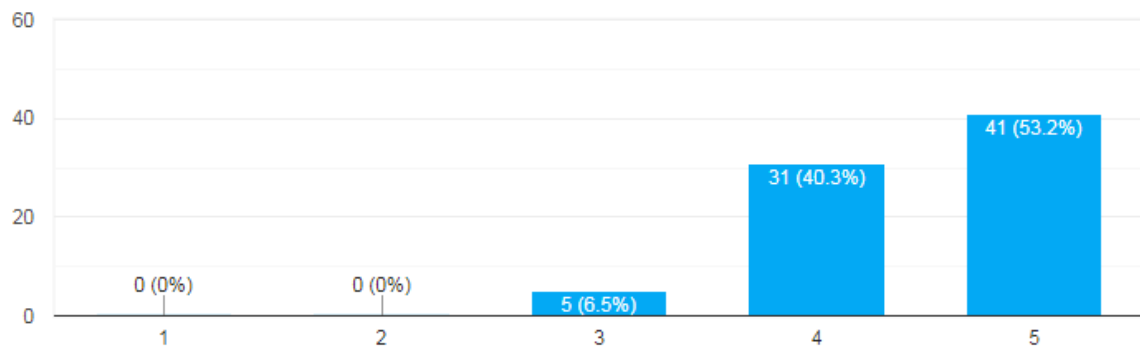
4. The presenter responded to questions in an informative, appropriate and satisfactory manner.

77 responses



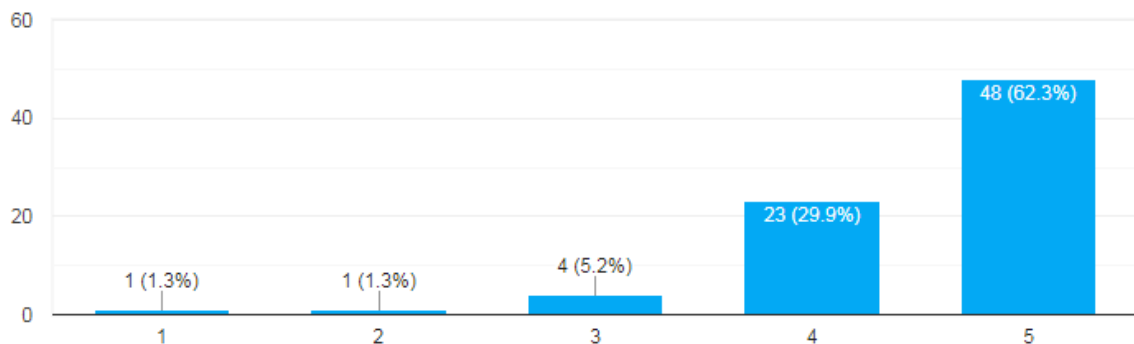
5. your impression of facilities provided by the institute for interaction.

77 responses



6. Overall, the session was informative and valuable.

77 responses





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7. In what ways could this interaction have been improved to better suit your needs? 30 responses

Offline
Yes
Nothing
This session is very interesting and useful
In industrial
To get more knowledge on subject
Overall Good
Very useful
How the power is transmitted, or step downing the voltages based on our required.
Knowledge
With display the graphical video
Enhance knowledge
Good
With better voice and better network
It is useful
Nothing
Knowledge
Helps in future
Nill
Improve the Voice
All good .
By giving animation in ppt.
It will helpful for future

8. Any Other Comments 31 responses

No
Nothing
Nothing
No
Excellent
Online
Great
I'm improved our talent
Good
No comments



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Thank you
Useful
Good
Thank you.
Well program and its usefull
Is good
Nice
Nothing all fine .

Faculty Coordinator
Mr V B Thurai Raaj

Dr A V Pavan Kumar
(Assoc. Prof. & Head EEE)