



RAMANJANEYULU KOLLA AUT - SVCE <ramanjaneyulu@svce.ac.in>

Invitation for a One day Workshop on AWARENESS PROGRAM ON VIRTUAL LABS on Today 6th November 2020 Organized by AUT - Reg

SAKTHIVEL R AUT <rsakthivel@svce.ac.in>

Fri, Nov 6, 2020 at 7:15 AM

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Dear Students,

Warm Greetings!!! The Department of Automobile Engineering organizing a One day workshop on “**AWARENESS PROGRAM ON VIRTUAL LABS**” on Today 06th November 2020 through Google meet for the following timing

IV year AUT : 9:30 AM to 10:15 AM
III year AUT : 10:30 AM to 11:15 AM
II year AUT : 1:30 PM to 2:30 PM

Google Meet link for the Workshop: <https://meet.google.com/lookup/bdwtvulbzbv?authuser=1&hs=179>

We cordially invite you for the same. The Brochure for the Workshop is enclosed for your reference.

Thanks & regards

Mr. Ramanjaneyulu Kolla

Mr. R. Sakthivel

Assistant Professors,

COORDINATORS - One day workshop on “**AWARENESS PROGRAM ON VIRTUAL LABS**”,
Department of Automobile Engineering,
Sri Venkateswara College of Engineering,
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 Brochure of Virtual Lab Workshop.pdf
1557K



SRI VENKATESWARA COLLEGE OF ENGINEERING

[AUTONOMOUS - AFFILIATED TO ANNA UNIVERSITY]
PENNALUR, SRIPERUMBUDUR TK - 602 117, TAMIL NADU



**Department of Automobile Engineering
organizes a One Day Workshop
ON
AWARENESS PROGRAM ON VIRTUAL LABS**



**Scheduled on:
06th November 2020.
09.30 am to 2.30 pm**

Convenor

**Dr. J. Venkatesan, Prof & Head,
Department of Automobile Engg.**

Coordinators

**Mr. Ramanjaneyulu Kolla, Asst. Prof
Mr. R. Sakthivel, Asst. Prof.**

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To Register:

No Registration fee
E- Certificates will be provided to all
the registered participants

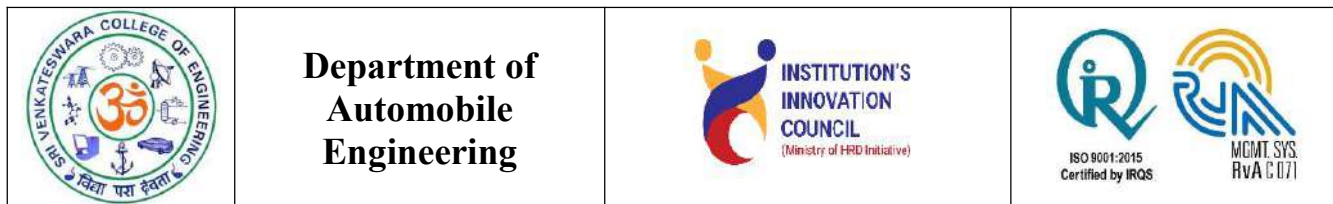
Scan QR or Click the URL

<https://forms.gle/LHWj8dyxwijuZCUC8>

For registration related queries : rsakthivel@svce.ac.in



**SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)
PENNALUR, SRIPERUMBUDUR-602117**



**REPORT ONEDAY WORKSHOP ON AWARENESS PROGRAM ON VIRTUAL LABS
ON 6th NOVEMBER 2020.**

Date: 06.11.2020

Timings: IV year AUT : 9:30 AM to 10:15 AM
III year AUT : 10:30 AM to 11:15 AM
II year AUT : 01:30 PM to 02:30 PM

Objectives:

The main objective of the workshop is to impart basic knowledge about Awareness Program on Virtual labs.

About the Programme:

The one day workshop on the topic ‘Awareness Program on Virtual labs’ was organized by the Automobile Department, SVCE. Totally 91 students and 4 faculty members were enrolled for this webinar. The speaker **Mr. Ramanjaneyulu Kolla, Assistant Professor, Department of Automobile Engineering.**

Introduction:

The primary focus of the programme was to give theoretical exposure and practical knowledge using the Virtual labs online platform.

Highlights of Virtual Labs:

The following labs were taught to the students

Strength of materials:

- Shear force and bending moment diagram for simply supported beams with point load
- Shear force and bending moment diagram for simply supported beams with uniform distributed load

Fluid Mechanics lab :

- Venturimeter

Categories of virtual laboratories

Virtual laboratories are not homogenous, and they largely differ in their purpose, composition, and application.

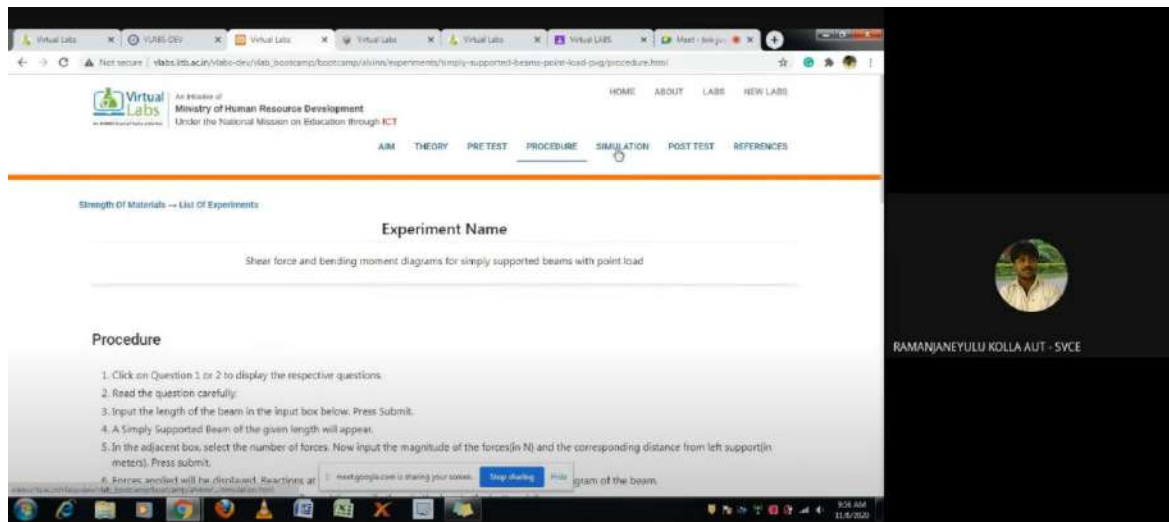
In general, a virtual lab in modern academia can be divided into the below categories-

Laboratories– These are the platforms that simulate physical labs on screens. The online experience offers the students the same facilities as in the physical lab, with the only difference of the interaction being limited to a 2D environment

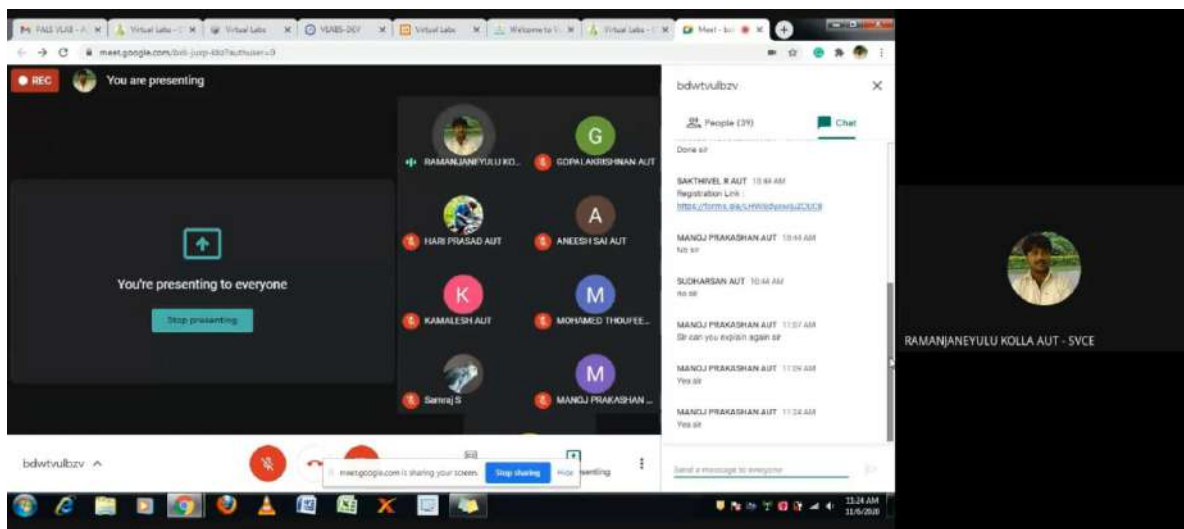
Simulations– Simulations offer students an opportunity to explore a different reality from a remote location

Virtual labs awareness Program categories in to three different sessions.

- During the first session “Shear force and bending moment diagram for simply supported beams with point load” Lab experiment were taught to fourth-year students using the virtual lab online platform.



- During the first session “Shear force and bending moment diagram for simply supported beams with uniform distributed load” Lab experiment were taught to third-year students using the virtual lab online platform.



- During the first session “Venturimeter” Lab experiment were taught to second-year students using the virtual lab online platform.

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VENTURIMETER

Objective:
To determine co-efficient of discharge of the given venturimeter.

Apparatus used:
Venturimeter, differential manometer, collecting tank, piezometer, stopwatch, measuring scale.

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Outcomes:

- Fundamental knowledge on handling of virtual lab in online platform were learnt.
- Virtual laboratory is a media that can provide direct experimental visualizations, interactive virtual environment, practical experimentation, to do experiments more efficiently.
- Learning by using a virtual laboratory can also be done anywhere and anytime without taking the class lessons.

Number of Students enrolled for the One day Workshop on Virtual labs

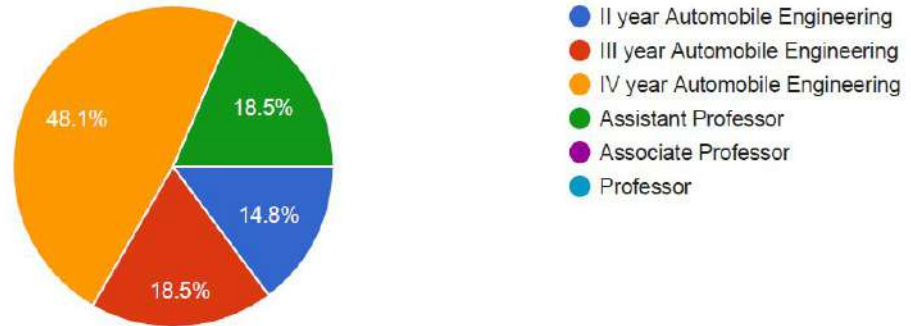
Sl. No	Name of the Participant	Institute Name
1	Mr. BALASUBRAMANIAN A	Sri Venkateswara College of Engineering
2	Mr. DHANABAL J	Sri Venkateswara College of Engineering
3	Mr. PAUL DURAI K	Sri Venkateswara College of Engineering
4	Mr. RAVI G	Sri Venkateswara College of Engineering
5	Mr. ROHIT N	Sri Venkateswara College of Engineering
6	Mr. PAVIN G V	Sri Venkateswara College of Engineering
7	Mr. THAMARAISELVAN.R	Sri Venkateswara College of Engineering
8	Mr. RAMAKRISHNAN L	Sri Venkateswara College of Engineering
9	Mr. TILAK R B	Sri Venkateswara College of Engineering
10	Ms ANURADHA R	Sri Venkateswara College of Engineering
11	Mr. AVINASH B	Sri Venkateswara College of Engineering
12	MR.SELVENDIRAN R	Sri Venkateswara College of Engineering
13	Mr. GUHAN T	Sri Venkateswara College of Engineering
14	Mr. ABINAND RAMAN	Sri Venkateswara College of Engineering
15	Mr. DHILIP J	Sri Venkateswara College of Engineering
16	Mr. SUDHARSAN ANANTH	Sri Venkateswara College of Engineering
17	Mr. AKANKSH ANANTH	Sri Venkateswara College of Engineering
18	Mr. ANAND ESWAR	Sri Venkateswara College of Engineering
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24	Mr. ARUN V G	Sri Venkateswara College of Engineering
25	Mr. DHEERAJ KUMAR M	Sri Venkateswara College of Engineering
26	Mr. YUKESH.M	Sri Venkateswara College of Engineering
27	Mr. GOWTHAM N	Sri Venkateswara College of Engineering
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32	Mr. SHAAHIDH	Sri Venkateswara College of Engineering
33	Mr. ANISH PRABU R R	Sri Venkateswara College of Engineering
34	Mr. NITHIN G	Sri Venkateswara College of Engineering
35	Mr. VISHNU.E	Sri Venkateswara College of Engineering
36	Mr. RAJARAJAN K	Sri Venkateswara College of Engineering
37	Mr. PIRIYADARSHAN U	Sri Venkateswara College of Engineering
38	Mr. NITHISHVARDAN A V J	Sri Venkateswara College of Engineering
39	Mr. SUDHARSAN S	Sri Venkateswara College of Engineering
40	Mr. MANISH.R	Sri Venkateswara College of Engineering
41	Mr. SETHURAMAN.BL	Sri Venkateswara College of Engineering
42	Mr. GIRIRAJAN M B MR	Sri Venkateswara College of Engineering
43	Mr. FAREEZ KHAN R	Sri Venkateswara College of Engineering
44	Mr. GOVIND	Sri Venkateswara College of Engineering
45	Mr. SAMRAJ	Sri Venkateswara College of Engineering
46	Mr. GOWTHAM. M	Sri Venkateswara College of Engineering

47	Mr. GOKULAN.R	Sri Venkateswara College of Engineering
48	Mr. CHANDRU S	Sri Venkateswara College of Engineering
49	Mr. MANOJ PRAKASHAN M	Sri Venkateswara College of Engineering
50	Mr. JUSTIN JASPER . C	Sri Venkateswara College of Engineering
51	Mr. TAMILARASAN	Sri Venkateswara College of Engineering
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59	Mr. MOHAMED THOUFEEQ H	Sri Venkateswara College of Engineering
60	Mr. ARIHANTH S S	Sri Venkateswara College of Engineering
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95	Mr. LOKESH K	Sri Venkateswara College of Engineering

Feedback from participants

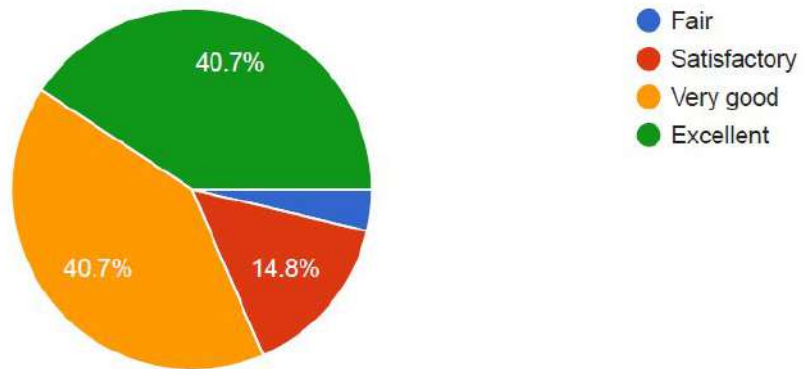
Designation

27 responses



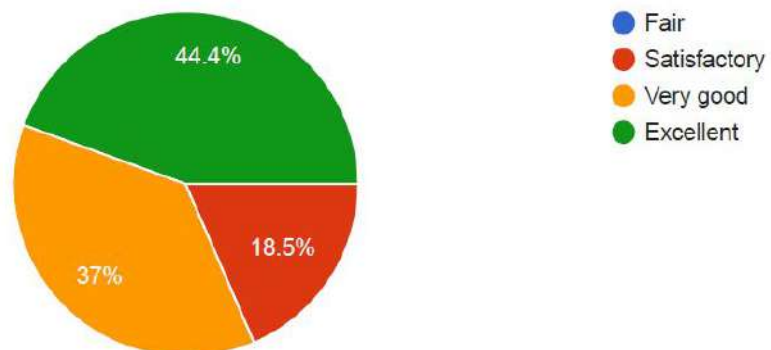
Level of effort by the Organizer

27 responses



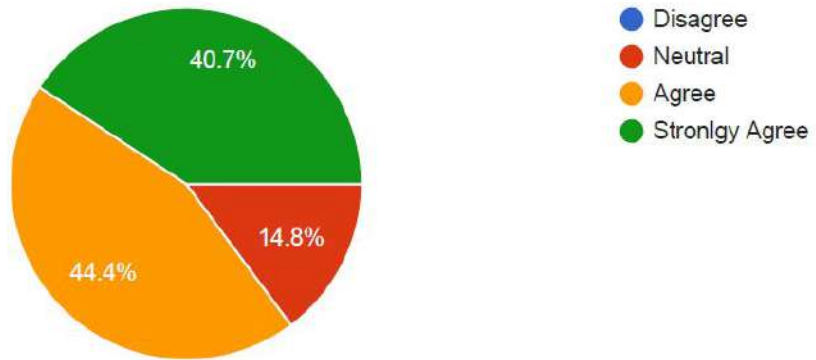
Level of skill/Knowledge of the Expert

27 responses



Course content

27 responses



Coordinator
Ramanjaneyulu Kolla
Assistant Professor
Department of Automobile Engineering

Coordinator
Sakthivel R
Assistant Professor
Department of Automobile Engineering

Signature of the Head of the Department

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