



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgavi)

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

AJIET/ISE/IV002/2022-23

Date:20/12/2023

From,

Dr. Suresha D
Department of Information Science and Engineering,
AJIET, Mangaluru

To,

The Principal,
AJIET, Mangaluru

Subject: Requesting Permission for Industrial Visit and Workshop for 1st Semester Students.

Respected Sir,

I am writing on behalf of the Department of ISE to seek your gracious permission to organize an industrial visit for our 1st Semester students. Such visits are integral to our curriculum as they provide practical exposure and real-world insights that complement the theoretical knowledge gained in the classroom.

Details of the proposed industrial visit are as follows:

Date: 21-12-2023

Venue: NITK Solve Virtual Lab and Workshop.

Purpose: The visit was to provide students with a hands-on learning experience, allowing them to observe and understand various concepts in a practical settings.

Your approval will significantly benefit our students.

Principal

A.J. Institute of Engineering & Technology
Mangaluru - 575 006

H.O.D.-Information Science & Engineering
A.J. Institute of Engineering & Technology
Mangaluru - 575 006, D.K., Karnataka

With regards,
Dr. Suresha D
HOD-ISE



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

AJIET/ISE/IV/2022-23/

Date:18-12-2023

CIRCULAR

Subject: Industrial visit to NITK Solve Virtual Lab for 1st Semester Students.

Industrial visit for 1st Semester students to NITK Solve Virtual Lab and Workshop is arranged on 21-12-2023. Interested students are hereby informed to meet the class advisor and enrol their names. All the enrolled students are hereby informed to gather near college entrance as per the time informed and to reach the venue on time.

Students should wear formal dress only and all must carry Identity card without fail.

Following faculty members will accompany the students:

1. Mrs. Arpitha Kumari G
2. Mrs. Jayashree Sivapuram

Mrs. Arpitha Kumari G

Faculty Co-Ordinator

H.O.D.-Information Science & Engineering
A.J. Institute of Engineering & Technology
Mangaluru - 575 006, D.K., Karnataka

Dr. Suresha D

HOD-ISE

Copy to,

1.LMET-Vice President, AJIET

2.Office-AJIET

Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006

Date: 21-12-2023

Report on NITK Solve Virtual Lab Visit and Workshop

Name of the Program:	Visit to NITK Solve Virtual Lab	Program Dates & Timings:	21-12-2023 10:00AM-1:00PM		
Name & Details of the Resource Person:	Shreshta, Senior Research Fellow Vismaya, Senior Research Fellow Neil, Junior Research Fellow				
Organized by (Clubs/ Dept.)	Virtual Lab Committee				
Number of Participants	Students	51	Faculty	2	
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO4, PO5				
Coordinators	Mrs Arpitha Kumari G, Mrs Jayashree Sivapuram				

About the Program:

A visit to Center for System Design: SOLVE Virtual Labs, National Institute of Technology-Surathkal, Karnataka and Introductory Workshop Virtual labs and System design demonstration is organized for first semester Information science & Engineering students (E section) of A. J. Institute of Engineering and Technology. Resource person has given a hands-on demonstration of virtual lab and briefed about workshop and its benefits.

Virtual Labs project is an initiative of Ministry of Human Resource Development (MHRD), Government of India under the aegis of National Mission on Education through Information and Communication Technology (NMEICT).

Virtual Labs enable the students to learn at their own pace and entuse them to conduct experiments. Virtual Labs also provide a complete learning management system where the students can avail various tools for learning.

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There are three kinds of virtual labs:

- Remote Triggered Labs.
- Measurement Based Labs.
- Simulation/ Modeling Based Labs.

There are several advantages of Virtual Reality Labs:

- 1) Reduced economic and time cost
- 2) Green/eco-friendly alternative
- 3) Flexible learning environment
- 4) Safety
- 5) Increasing inclusivity
- 6) Providing a clearer perspective on complicated topics
- 7) Boosting curiosity and self-esteem
- 8) Instant feedback opportunity

A virtual laboratory is a computer-based activity where students interact with an experimental apparatus or other activity via a computer interface. A virtual laboratory is a computing system that allows to share the physical resources available in a laboratory with remote users connected on the internet.

Objectives: The program Virtual Lab awareness workshop enable students to

- To create awareness about Virtual lab
- To obtain practical hands on experience on different concepts
- To enthuse students to learn basic and advanced concepts through remote experimentation

Outcomes: On successful completion of program student should able to:

1. Tell about the virtual lab facility for remote access to lab resources
2. Illustrate practical hands on demonstration of different concepts
3. Apply basic and advanced concepts through remote experimentation

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	2			2	2						2	2
2				2								2
3	2			2	2							2
Average	1			2	1							2

Photos:



Staff Coordinators

Arpithah *Arpithah*
8/1/24
Jayashri *Jayashri*
8/2/24

Rajim
8/1/24
Nodal Coordinator
Virtual Lab

[Signature]
Principal

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Mangaluru - 575 006





An MoE Govt of India Initiative

ATTENDANCE RECORD - 2023

NCID | Nodal Centre: A J Institute of Engineering & Technology

Workshop Date & Time: 21/12/23 / 10:00 - 12:00

Workshop Type: Virtual Lab. Venue: NITK Surathkal

Class: ISE

Section: F

Sl. No.	Roll No./USN	Name	Department	Sign
1	F62	Vidhathi Bhat A.	ISE	
2	E40	Pratheeksha	ISE	
3	E10	Delya.v. Shetty	ISE	
4	E18	Harehimi	ISE	
5	E26	Lavanya	ISE	
6	E28	Likhith Kumar A	ISE	
7	E14	Gopala Krishna	ISE	
8	E55	Sumanth N	ISE	
9	E07	Dhanush Rai	ISE	
10	E32	Mohammed Shykees	ISE	
11	E45	Sachin M.B	ISE	
12	E36	Pooji J Pojary	ISE	
13	E38	Prakashtha	ISE	
14	E51	Sinchana P K	ISE	
15	E43	Reena	ISE	

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16	E29	Mehak	ISE	Mehak
17	E20	Huma	ISE	Huma
18	E11	Shafa	ISE	Shafa
19	E53	Suhani V Amin	ISE	Suhani
20	E15	H. Thrupthi Rao	ISE	H. Rao
21	E09	Diya	ISE	Diya
22	E-03	Bhoomika	ISE	Bhoomika
23	E-57	Thaniska	ISE	Thaniska
24	E-17	Harini	ISE	Harini
25	E02	Ashish	ISE	Ashish
26	E25	Kishan	ISE	Kishan
27	E49	Kaushik	ISE	Kaushik
28	E47	Sanjana	ISE	Sanjana
29	E05	Charandeep	ISE	Charandeep
30	E27	Likun	ISE	Likun
31	E56	Pahima	ISE	Pahima
32	E92	Sristi	ISE	Sristi
33	E58	Thanni	ISE	Thanni
34	E49	Shravan	ISE	Shravan
35	E31	Hisham	ISE	Hisham
36	E06	Chirag	ISE	Chirag
37	E04	Charan	ISE	Charan
38	E08	Ahyan	ISE	Ahyan
39	E30	Arshad	ISE	Arshad
40	E33	Thanshua	ISE	Thanshua
41	E02	Swraj	ISE	Swraj
42	E03	Ghanshyam	ISE	Ghanshyam

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Feedback form for "Virtual Lab"

1. Email *

2. NAME

3. USN

4. SEMESTER

5. DEPARTMENT

6. 1. How satisfied were you with the event?

Mark only one oval.

Satisfactory

Unsatisfactory

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7. 2. Did the event meet your expectations?

Mark only one oval.

Yes

No

8. 3. Have you attended this event before?

Mark only one oval.

Yes

No

9. 4. Did you have an opportunity and place to ask questions and participate?

Mark only one oval.

Yes

No


10. 5. Were you satisfied with the quality of the content?

Mark only one oval.

Yes

No

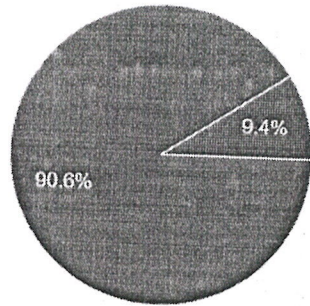
11. Any Comments


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Mangaluru - 575 000

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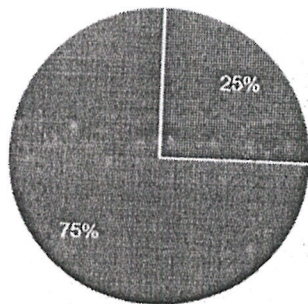
Google Forms

1. How satisfied were you with the event?
32 responses



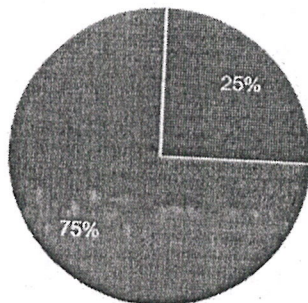
● Satisfactory
● Unsatisfactory

2. Did the event meet your expectations?
32 responses



● Yes
● No

2. Did the event meet your expectations?
32 responses

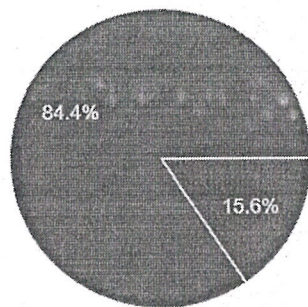


● Yes
● No

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3. Have you attended this event before?

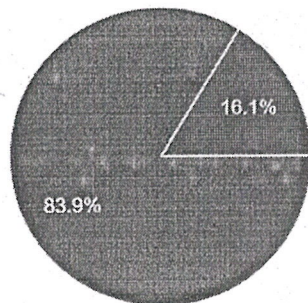
32 responses



● Yes
● No

4. Did you have an opportunity and place to ask questions and participate?

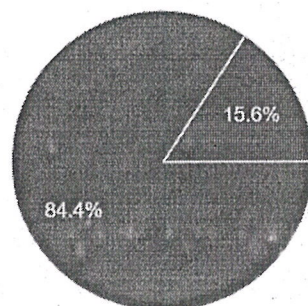
31 responses



● Yes
● No

5. Were you satisfied with the quality of the content?

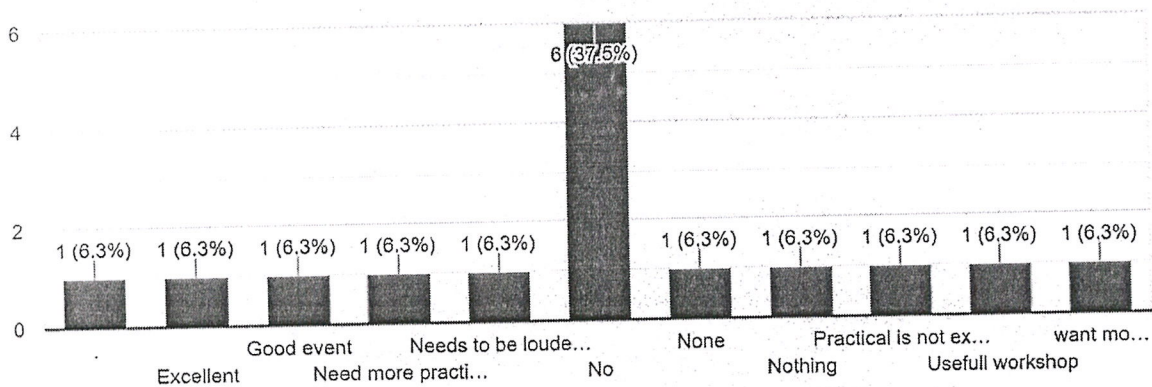
32 responses




● Yes
● No

Any Comments

16 responses




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