



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust®

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

Ref: AJIET/VLAB/2023-24

Date: 07/12/2023

Notice

A visit to NITK-SOLVE: The Virtual Lab - Centre for System Design lab at National Institute of Technology Karnataka, Surathkal is scheduled for the First Year B.E students on the following dates.

Section/Branch	Date
A Section/CSE	19-12-2023, 10:00am-12:00pm
B Section/CSE	19-12-2023, 2:00pm-4:00pm
C Section/CSE(ICB)	20-12-2023, 10:00am-12:00pm
D Section/ CSE(AIML)	20-12-2023, 2:00pm-4:00pm
E Section/ISE	21-12-2023, 10:00am-12:00pm
F Section/ AI & DS	21-12-2023, 2:00pm-4:00pm

All the students are informed to attend without fail.

Veigas
7/12/23

[Mr. John Prakash Veigas]
Nodal Coordinator-Virtual Labs

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

First Year B. E					
A Section	B Section	C Section	D Section	E section	F Section
<i>AS</i>	<i>BS</i>	<i>CS</i>	<i>DS</i>	<i>ES</i>	<i>FS</i>

Prakash

CC to HOD's :

CSE	CSE(ICB)	CSE(AIML)	ISE	AIDS	I Year Coordinator
<i>AS</i>	<i>BS</i>	<i>CS</i>	<i>DS</i>	<i>ES</i>	<i>FS</i>



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CIRCULAR

A visit to NITKSOLVE: The Virtual Lab - Centre for System Design lab at National Institute of Technology Karnataka, Surathkal has been scheduled for the First Year B.E students on the following dates. The following faculty are requested to accompany the students.

Section	Date	Class advisors/Faculty	Sign
A Section	19-12-2023, 10:00am-12:00pm	1. Mrs. Aishwarya M. Bhat	A
		2. Mrs. Smitra. C. Kirri	SJK
B Section	19-12-2023, 2:00pm-4:00pm	1. Mrs. Rachana Kundur	CR
		2. Mrs. Vedya. Nayageri	AB
C Section	20-12-2023, 10:00am-12:00pm	1. Mrs. NAMRATHA	GNP
		2. Dr. Laxmi Gulappaogol	Laxmi
D Section	20-12-2023, 2:00pm-4:00pm	1. Mrs. JayaSri Sirapur	Nayga
		2. Mrs. wishmitha. Shetty	Shetty
E Section	21-12-2023, 10:00am-12:00pm	1. Mrs. Arpitha G.	AG
		2. Valma D'Souza	Valma
F Section	21-12-2023, 2:00pm-4:00pm	1. John P. Veigas	Veigas
		2. Suchitha K	Suchitha K

Veigas
7/12/2023

[Mr. John Prakash Veigas]
Nodal Coordinator-Virtual Labs

PRINCIPAL

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

CC to HOD's :

Veigas *Prakash* *Suchitha* *Arpitha* *Valma* *Shetty* *Shetty* *Arpitha* *Veigas* *Suchitha*
CIVIL, CSE, CSE(ICB), CSE(AIML), E&C, ISE, MECH, AI&DS, Maths, Chemistry, Physics



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Date:07-12-2023

To,

The Principal,

A J Institute of Engineering and Technology, Mangaluru

Respected Sir,

Sub: Request to grant permission to visit NITK-Solve Lab to attend workshop on Virtual Labs and provide bus facility.

With reference to the above cited subject, I kindly request you to grant permission to our first students (A,B,C,D,E,F Sections) to visit NITK, Surathkal to attend workshop on Virtual Labs. The students will be accompanied by their class advisors. Kindly Provide the bus facility from AJIET campus to NITK campus(to and fro), so that students can attend on time to the venue. The schedule is as follows:

Sl. No.	Class/Branch/section	Date	Workshop Schedule
1	I Year CSE – A Section	19-12-2023	10 am - 12 pm
2	I Year CSE -- B Section	19-12-2023	2 pm - 4 pm
3	I Year CSE(ICB) - C Section	20-12-2023	10 am - 12 pm
4	I Year CSE(AIML)- D Section	20-12-2023	2 pm - 4 pm
5	I Year ISE –E Section	21-12-2023	10 am - 12 pm
6	I Year AI & DS - F Section	21-12-2023	2 pm - 4 pm

I request you to kindly give the permission and do the needful.

Thanking you,

John
Mr. John Prakash Veigas

Virtual Lab Coordinator

AJIET, Mangaluru

TG A.O

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

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AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

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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 enthuse them to conduct experiments. Virtual Labs also provide a complete learning management system where the students can avail various tools for learning.

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:

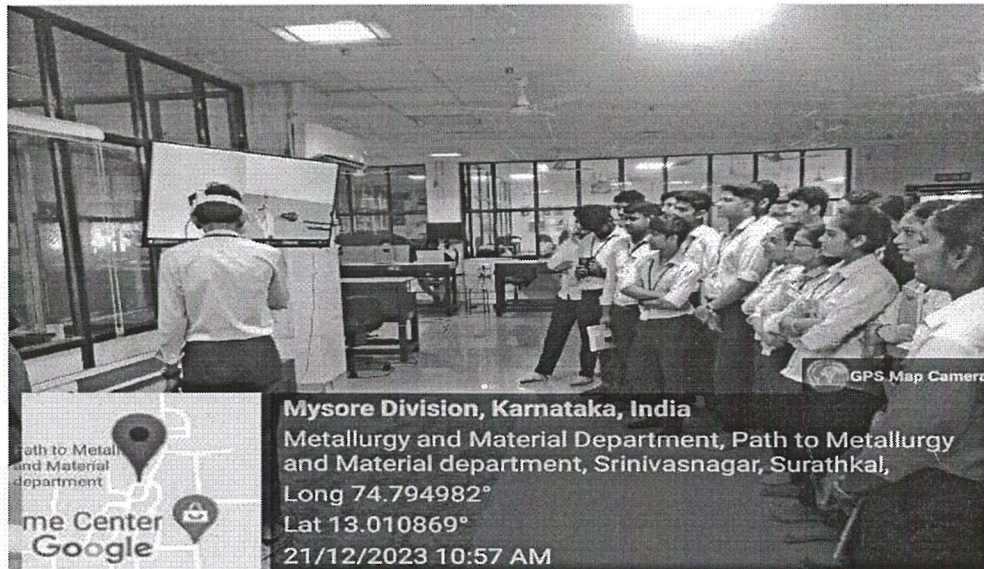
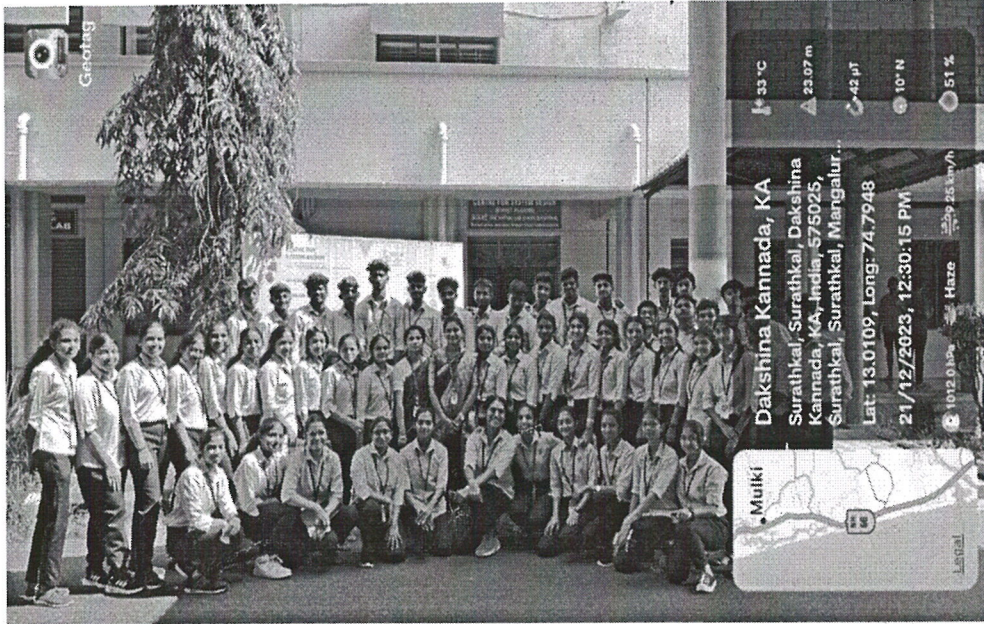
1. Tell about the virtual lab facility for remote access to lab resources
2. Illustrate practical hands on demonstration of different concepts
3. Apply basic and advanced concepts through remote experimentation

Articulation Matrix:

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

Principal

Photos:



Staff Coordinators

Arbitha G. *Arbitha G. 8/12/23*

JayaSri *JayaSri 8/12/23*

Nodal Coordinator

Virtual Lab

P. Veijm

Principal

Principal
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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.

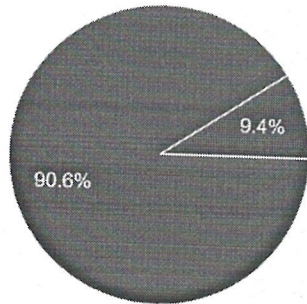
Satisfactory

Unsatisfactory


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1. How satisfied were you with the event?

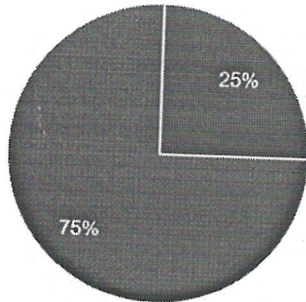
32 responses



- Satisfactory
- Unsatisfactory

2. Did the event meet your expectations?

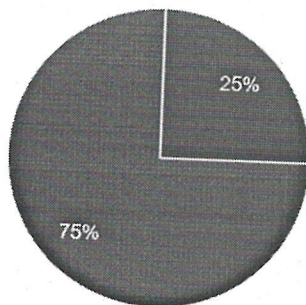
32 responses




- Yes
- No

2. Did the event meet your expectations?

32 responses

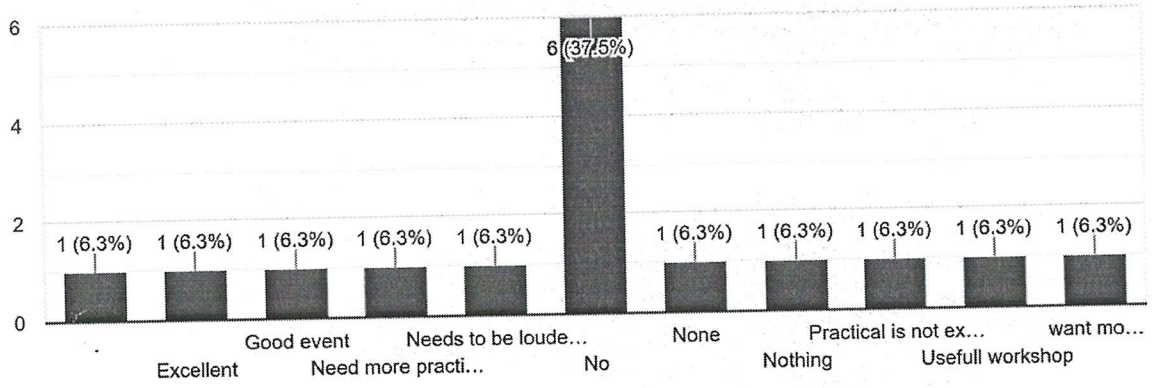


- Yes
- No


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Any Comments

16 responses




Principal

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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: E

Sl. No.	Roll No./USN	Name	Department	Sign
1.	E62	Vidhathi Bhat. A.	ISE	
2.	E40	Pratheeksha	ISE	
3.	E10	Delya.v. Shetty	ISE	
4.	E18	Harehimi	ISE	
5.	E26	lavanya	ISE	
6.	E28	Likhitha Kumar. A	ISE	
7.	E14	Gopalakrishna	ISE	
8.	E55	Sumanth. N	ISE	
9.	E07	Dhanush Rai	ISE	
10.	E32	Mohammed Shaheer	ISE	
11.	E45	Sachin M.B	ISE	
12.	E36	Pooji J Pojary	ISE	
13.	E38	Prashastha	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	Suhami V Amin	ISE	Suhami
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	Harshith	ISE	Harshith
28	E44	Sanjana	ISE	Sanjana
29	E-05	Charandup	ISE	Charandup
30	E07	Likun	ISE	Likun
31	E56	Pahima	ISE	Pahima
32	E92	Sristi	ISE	Sristi
33	E58	Tharvi	ISE	Tharvi
34	E49	Shravan	ISE	Shravan
35	E31	Hisham	ISE	Hisham
36	E-06	Chirag	ISE	Chirag
37	E04	Charan	ISE	Charan
38	E-08	Ahyan	ISE	Ahyan
39	E30	Arshad	ISE	Arshad
40	E33	Thanshua	ISE	Thanshua
41	E-12	Suraj	ISE	Suraj
42	E-03	Ghanshyam	ISE	Ghanshyam

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