



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust®

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

Date: 21-02-2022

From,

Mr. John Prakash Veigas

Assistant Professor

Department of ISE

A.J. Institute of Engineering and Technology, Mangaluru

To,

The Principal

A.J. Institute of Engineering and Technology, Mangaluru

Respected Sir,

Sub: Seeking permission to conduct Hands on Awareness Workshop on Virtual Labs.

We are planning to conduct a hands-on awareness workshop on virtual labs on 23-02-2022 for the I Semester C Section. This hands-on session will be helpful for students to understand how to use virtual labs. I request you to grant permission for the same.

Thanking you,

Staff Coordinator

Mr. John Prakash Veigas

Principal

Principal

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

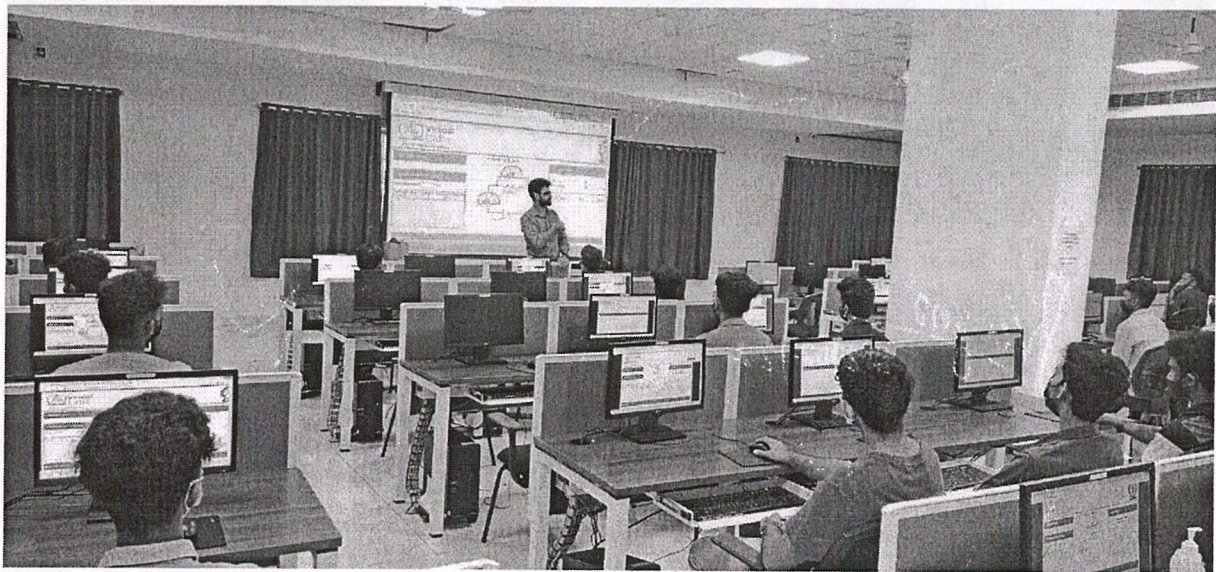


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Event Name	Hands on Awareness workshop on Virtual Labs		
Date	23-02-2022		
Venue	CAED LAB, Ground floor AJIET Mangaluru.		
Staff Coordinator	Mr John Prakash Veigas		
Resource Person	Ganesh U G		
Participants	Students	Branch	Total number students attended
		C section - I Sem	34
Content Covered	<p>A Hands on on awareness to Virtual labs at AJIET Mangaluru is organized for the first semester students (C section) of AJ Institute of Engineering and Technology on 23-02-2021. Total 34 student members are participated in this event. Resource person Mr Ganesh U G has given hands-on demonstration of the virtual lab and briefed about the workshop and its benefits.</p> <p>The following experiments are demonstrated in the lab:</p> <p>Introduction on V-Labs, V-Lab simulation, Basic Electronics Lab, Image Processing lab</p>		



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



Virtual Lab Awareness Workshop

Academic Year : 2021-22

Date: 21-02-2022

Semester: I

Section : 'E'

Name of the Resource Person: Mr. John Prakash Veigas

SI No	Roll #/USN	Name	Signature
1	34	MOHIT. V.K	Mohit
2	14	DEVESH	Devesh Ak
3	39	Nishanth Gowda C.J	nish
4	40	Pavan Shettigar	Pavan
5	59	Vikram Balachandran Nalk.	Vikram
6	20	Havyas.k	Havyas
7	37	NAVEEN CK	Naveen CK
8	31	Muhammed Iyas P.T.P	Iyas
9	04	Akash.U	Akash.U
10	55	Sujan D. B	Sujan
11	16	Dhanush.S	Dhanush
12	49	Saurav	Saurav
13	48	Sanath	Sanath
14	58	Thijas.S	Thijas
15	01	Abhishek	Abhishek
16	24	K.S Sujith	Sujith
17	11	DEEKSHA	Deeksha



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18	29	MARIAM	<i>Mariam</i>
19	28	Lishmitha	<i>Lish</i>
20	13	Deepa Gowdappa Karigara	<i>Deepa</i>
21	09	Chaitra	<i>Chaitra</i>
22	19	Evelyn Ann Sebastian	<i>Evelyn</i>
23	04	Arpita Naik	<i>Arpita</i>
24	12	Deeksha Jagath	<i>Deeksha</i>
25	38	Nidhi JM	<i>Nidhi</i>
26	5	Ananya K	<i>Ananya</i>
27	45	Sadhitha.C.D	<i>Sadhitha</i>
28	53	Sneha Ghode	<i>Sneha</i>
29	06	Anaum Fathima Shameem	<i>Anaum</i>
30	18	Dheiti R Shewigal	<i>Dheiti</i>
31	30	Mohammed Aawan Shaikh	<i>Mohammed</i>
32	27	Kiran.D.B	<i>Kiran</i>
33	32	Mohammed Shinar	<i>Mohammed</i>

Virtual Lab Sub Coordinator *Raymond* 21/2/22

Institute Virtual Lab Coordinator *Raymond* 21/2/22

AJIET/Virtual Lab/Workshop

Principal
Principal
A.J. Institute of Engineering & Technology
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Virtual Lab Awareness Workshop

Academic Year : 2021-22

Date: 23.02.2022

Semester: I

Section

Name of the Resource Person: Mr. Ganesh U.G

SI No	Roll #/USN	Name	Signature
1	C26	Gautham J	
2	C34	Lalan Kumar.S	
3	C07	Adithyan.M	
4	C14	Anson Saji	
5	C06	Adith.P	
6	C52	Bhivraj Pawar	
7	C-42	Nibin Niyas	
8	C-29	K.R Adithya	
9	C-53	VISHNU. N.P	
10	C-25	Muhammed Navas.M	
11	C-19	Bhavan C.S	
12	C.55	Afeef Hashim	
13	C-12	Anandu.Krishna.T.U	
14	C-17	ASHFAR ALI T.A.	
15	C-42	Muhammed Raffad.P	
16	C-09	Abhilash.m	
17	C-40	Mohammed febin BK	



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18	C-47	P. Rohith Surendran	<i>[Signature]</i>
19	C-31	Karthik Rajesh	<i>[Signature]</i>
20	C-13	Ankith Alva	<i>[Signature]</i>
21	C-05	Abinu N.V	<i>[Signature]</i>
22	C-25	Harshitha Subray Naik.	<i>[Signature]</i>
23	C-38	Megha. S. Gowda	<i>[Signature]</i>
24	C-26	Harshitha	Harshitha
25	C-20	Chaitanya.V	Chaitanya.V
26	C-09	Akshatha	<i>[Signature]</i>
27	C-18	B.V. Tushar	<i>[Signature]</i>
28	C-33	Kushar.S	<i>[Signature]</i>
29	C-54	Yashwin.T	<i>[Signature]</i>
30	C-46	NOCA MUMBA SALOMON	<i>[Signature]</i>
31	C-15	Anugrahik	<i>[Signature]</i>
32	C-11	Amal Antony	<i>[Signature]</i>
33	C-08	Ahna.A	<i>[Signature]</i>
34	C-16	Aparna Vinod	<i>[Signature]</i>
35	C-22	Dileep Raj	<i>[Signature]</i>
36	C-30	Karthik.H	<i>[Signature]</i>
37	C-37	MJ.SAKTHI.MAGENDHIRAN	<i>[Signature]</i>
38	C-03	Abhishek.Bhal.P	<i>[Signature]</i>
39	C-48	Sunderh	<i>[Signature]</i>
40	C-49	Azeem	<i>[Signature]</i>



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Date: 18-02-2022

From,

Mr. John Prakash Veigas

Assistant Professor

Department of ISE

A.J. Institute of Engineering and Technology, Mangaluru

To,

The Principal

A.J. Institute of Engineering and Technology, Mangaluru

Respected Sir,

Sub: Seeking permission to conduct Hands on Awareness Workshop on Virtual Labs.

We are planning to conduct a hands-on awareness workshop on virtual labs on 21-02-2022 for I Semester B Section. This hands-on session will be helpful for students to understand how to use virtual labs. I request you to grant permission for the same.

Thanking you,

Staff Coordinator

Mr. John Prakash Veigas

Principal

Principal

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

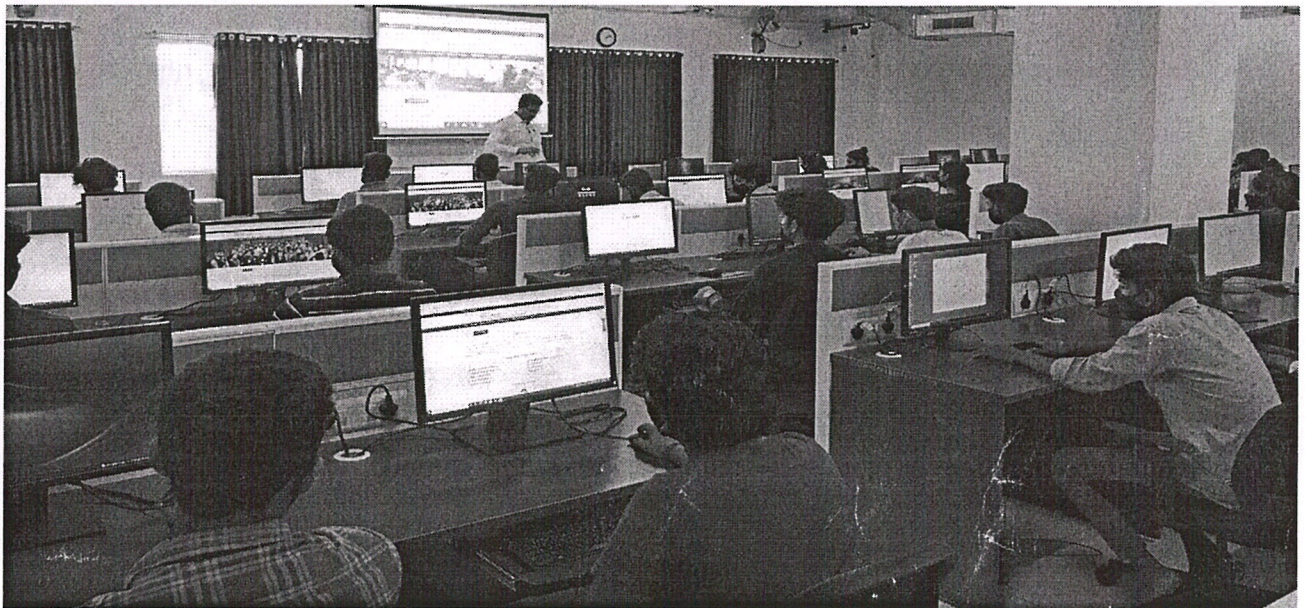


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Event Name	Hands on Awareness workshop on Virtual Labs		
Date	21-02-2021		
Venue	CAED LAB, Ground floor AJIET Mangaluru.		
Staff Coordinator	Mr John Prakash Veigas		
Resource Person	Mr Harold J D'Souza		
Participants	Students	Branch	Total number students attended
		B section - I Sem	45
Content Covered	<p>A Hands on awareness to Virtual labs at AJIET Mangaluru is organized for the first semester students (B section) of AJ Institute of Engineering and Technology on 21-02-2021. Total 45 student members are participated in this event. Resource person Mr Harold J D'Souza has given hands-on demonstration of the virtual lab and briefed about the workshop and its benefits.</p> <p>The following experiments are demonstrated in the lab:</p> <p>Introduction on V-Labs, V-Lab simulation, Basic Electronics Lab, 3D Printing Virtual Simulation Lab- Simulation of Stereolithographic Process, Simulation of Laminated object manufacturing Process</p>		



Principal

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



Virtual Lab Awareness Workshop

Academic Year : 2021-22

Date: 21-02-2022

Semester: I

Section : B

Name of the Resource Person: Mr Harold J. D'SOUZA

SI No	Roll #/USN	Name	Signature
1.	36	Sandesh MATHAI	
2.	54	VISHNU SANTHOSH	
3.	14	mahesh. B	
4	1	Adilshahi	
5.	2	Afeeth	
6.	44	Suhan Rai	
7.	03	Anirudh Srivathsa . T. S	
8	22	Munees Sanid	
9	33	Risho Jesho Genalves	
10.	32	Barnitha shetty	
11.	13.	Ksuthilca. A.P	
12	09	Jeeva. A. H	
13	52	Vaishnavi(G)	
14	38	Shradha	
15	40	Shravan kumar	
16	20	Mohammed Nisbah	
17	24	NIKSHEP. D. KOTIAN	



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18	11	Kavan Kumar Shetty	
19	46	Sumanth	Sumanth
20	30	Rajaneesh Kumar J	Rajaneesh
21	39	Shramith Kumar	Shramith
22	29	Rahul Yusuf	
23	53	Veekshom. K	
24	10	Kanishk - D-Amin	Kanishk
25	12	Kavya. G.C	
26	35	Samruddhi Rai K.H	
27	50	V. Dhanya	
28	26	Nisha. Hebbas	Nisha
29	16	Manvitha	Manvitha
30	42	Shwetha	shwetha
31	04	Ashltha B.Y	
32.	48	Swathi	Swathi
33.	18	Megha (M)	
34	37	Sharanya Rai B	Sharanya
35.	45	Sujanya -P.	
36	31	Raksha. G.V	
37	43	Sourav A.S	
38	28	Prakash thiregodar	
39	07	Darshan	
40	17	Mayur	



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Date: 18-02-2022

From,

Mr. John Prakash Veigas

Assistant Professor

Department of ISE

A.J. Institute of Engineering and Technology, Mangaluru

To,

The Principal

A.J. Institute of Engineering and Technology, Mangaluru

Respected Sir,

Sub: Seeking permission to conduct Hands on Awareness Workshop on Virtual Labs.

We are planning to conduct a hands-on awareness workshop on virtual labs on 21-02-2022 for I Semester E Section. This hands-on session will be helpful for students to understand how to use virtual labs. I request you to grant permission for the same.

Thanking you,

Staff Coordinator

Mr. John Prakash Veigas


Principal

Principal

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



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Event Name	Hands on Awareness workshop on Virtual Labs		
Date	21-02-2022		
Venue	CAED LAB, Ground floor AJIET Mangaluru.		
Staff Coordinator	Mr John Prakash Veigas		
Resource Person	Mr John Prakash Veigas		
Participants	Students	Branch	Total number students attended
		E section - I Sem	33
Content Covered	<p>A Hands on awareness to Virtual labs at AJIET Mangaluru is organized for the first semester students (E section) of AJ Institute of Engineering and Technology on 21-02-2022. Total 33 student members are participated in this event. Resource person Mr John Prakash Veigas has given hands-on demonstration of the virtual lab and briefed about the workshop and its benefits.</p> <p>The following experiments are demonstrated in the lab:</p> <p>Introduction on V-Labs, V-Lab simulation, computer programming lab, Basic Electronics Lab, Problem Solving Lab. Data Structures Lab</p>		



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



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Date: 21-02-2022

From,

Mr. John Prakash Veigas

Assistant Professor

Department of ISE

A.J. Institute of Engineering and Technology, Mangaluru

To,

The Principal

A.J. Institute of Engineering and Technology, Mangaluru

Respected Sir,

Sub: Seeking permission to conduct Hands on Awareness Workshop on Virtual Labs.

We are planning to conduct a hands-on awareness workshop on virtual labs on 23-02-2022 for I Semester D Section. This hands-on session will be helpful for students to understand how to use virtual labs. I request you to grant permission for the same.

Thanking you,

Staff Coordinator

Mr. John Prakash Veigas

Principal

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

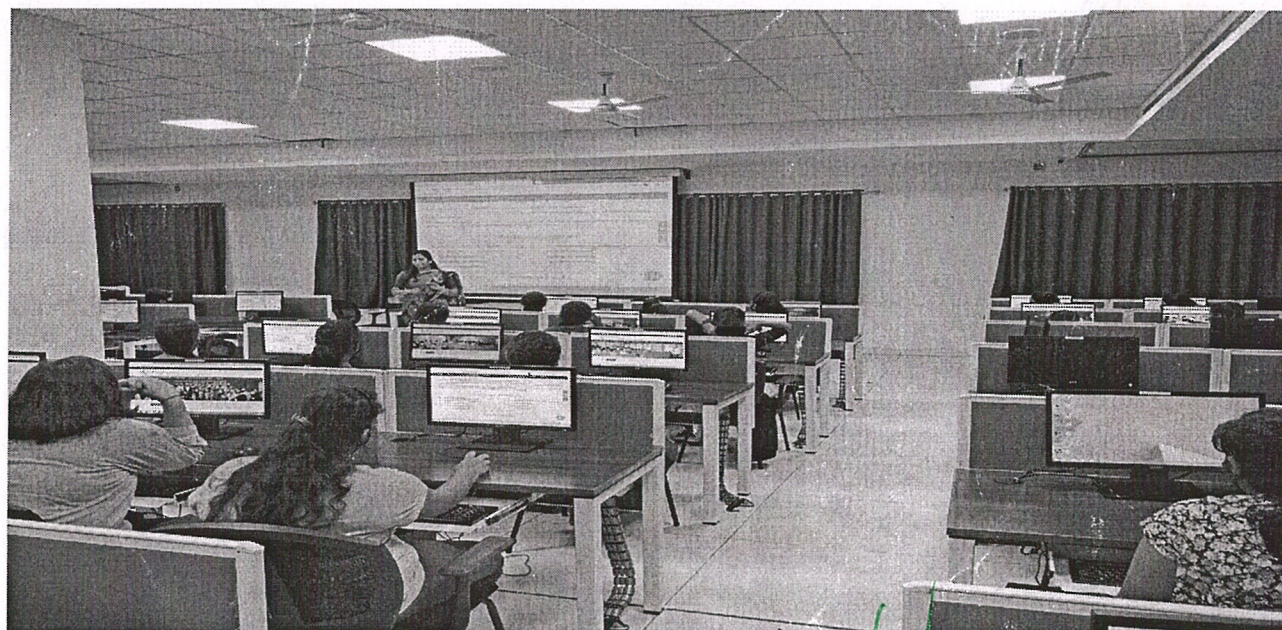


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Event Name	Hands on Awareness workshop on Virtual Labs		
Date	23-02-2022		
Venue	CAED LAB, Ground floor AJIET Mangaluru.		
Staff Coordinator	Mr John Prakash Veigas		
Resource Person	Mrs Archana S		
Participants	Students	Branch	Total number students attended
		D section - I Sem	50
Content Covered	<p>A Hands on on awareness to Virtual labs at AJIET Mangaluru is organized for the first semester students (D section) of AJ Institute of Engineering and Technology on 23-02-2021. Total 50 student members are participated in this event. Resource person Mrs Archana S has given hands-on demonstration of the virtual lab and briefed about the workshop and its benefits.</p> <p>The following experiments are demonstrated in the lab:</p> <p>Introduction on VLabs, V-Lab simulation, computer programming lab, Basic Electronics Lab, Physical science lab</p>		





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Virtual Lab Awareness Workshop

Academic Year : 2021-2022

Date: 23/02/2022

Semester: Ist

Section 'D'

Name of the Resource Person: Aruhana. S.

SI No	Roll #/USN	Name	Signature
1	57	SWATHI BHAT S	Swathi
2	32	PRATIKSHA MIRANTAMA KARKERA	Pratiksha
3	09	GAURAV. B.S	Gaurav
4	40	ROHAN E SHETTY	Rohan
5	D-05	Darshen Bhondary	Darshen
6	D-15	Libin P. T	Libin
7	14	Kushal. D	Kushal. D
8	D-2	Adwith Shetty	Adwith
9	26	Nithesh. S. Korian	nithesh
10.	36	Rakshith S Shetty	Rakshith
11.	H3.	Shetty Gaurav Gopalakrishna	Gaurav
12.	16	LIKHITH KUMAR	Likhith
13.	45	Shreya. G	Shreya
14	81	Mushfiqa Sadiya	Mushfiqa
15	55	Sunilkumar M.D	Sunilkumar
16	59	Thejas shekha	Thejas
17	19	Mohammed Shakul	Mohammed



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AJIET

18	48	Snehith.I	SneI
19	54	DUJEET KUMAR. H.N.	D H.N.
20	13	KARTHIK .N. KUMAR	K.P.
21	31	PRANUSH. R. SHETTY	Shetty
22	03	Bhoomika S. Naik	Bhoomika
23	25	Nishitha.	Nishitha
24	37	Rakshitha. Shetty	RShetty
25	60	Vaishnavi	Vaishnavi
26	50	Spoorthi Shet	Shet.
27	31	Preethi	Preethi
28	17	Mallika. G	Mallika
29	52	Brijal	Brijal
30	10	Josmitha. Shetty	Josmitha
31	44	Shravya M.R	Shravya
32	12	Kanvika R	Kanvika
33	24	Nireeksha	Nireeksha
34	30.	Pragna Dsouza	Pragna
35	56	Sushma	Sushma
36	20	Mokshitha SN	Mokshitha
37	29	Pragna Shivani	Pragna
38	53	Sudheshtha. K. Shetty	Sudheshtha
39	6	Deeksha. C.S	Deeksha
40	41	Sahithya. Borkey	Sahithya




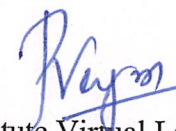
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41	33	PRATHVI	<u>Prathi</u>
42	07	B.V. DEEPIKA . SHETTY	<u>Dee</u>
43	49	SONAL WILSON DSOOZA	<u>Sonal</u>
44	28	PRAGATHI	<u>Pragathi</u>
45	51	SRASHTI SHETTY	<u>Srashti</u>
46	46	SHREVA . D.K	<u>Shreya</u>
47	42	SHAMA . SHETTY	<u>Shama</u>
48	43	Ponchami . V. Lunoga	<u>Panchami</u>
49	11	JEWEL . C. PISSE	<u>Jewel</u>
50	35	Rahul Raghavendra T.S	<u>Rahul</u>
51			
52			
53			
54			


Virtual Lab Sub Coordinator


23/2/22
Institute Virtual Lab Coordinator

AJIET/Virtual Lab/Workshop


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



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust®

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Date: 21-02-2022

From,

Mr. John Prakash Veigas

Assistant Professor

Department of ISE

A.J. Institute of Engineering and Technology, Mangaluru

To,

The Principal

A.J. Institute of Engineering and Technology, Mangaluru

Respected Sir,

Sub: Seeking permission to conduct Hands on Awareness Workshop on Virtual Labs.

We are planning to conduct a hands-on awareness workshop on virtual labs on 23-02-2022 for I Semester A Section. This hands-on session will be helpful for students to understand how to use virtual labs. I request you to grant permission for the same.

Thanking you,

Staff Coordinator

Mr. John Prakash Veigas

Principal

Principal

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



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31

Event Name	Hands on Awareness workshop on Virtual Labs		
Date	23.02.2022		
Venue	CAED LAB, Ground floor AJIET Mangaluru.		
Staff Coordinator	Mr John Prakash Veigas		
Resource Person	Mrs Vilma D'Souza		
Participants	Students	Branch	Total number students attended
		A section - I Sem	51
Content Covered	<p>A Hands on awareness to Virtual labs at AJIET, Mangaluru is organized for the first semester students (A section) of A J Institute of Engineering and Technology on 23-02-2022. Total 51 student members are participated in this event. Resource person Mrs Vilma D'Souza has given hands-on demonstration of the virtual lab and briefed about the workshop and its benefits.</p> <p>The following experiments are demonstrated in the lab:</p> <p>Introduction on VLabs, V-Lab simulation, computer programming lab, Basic Electronics Lab, Physical science lab</p>		



Principal

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



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Virtual Lab Awareness Workshop

Academic Year : 2021-22

Date: 23/02/2022

Semester: I

Section A

Name of the Resource Person:

Vilma D'Souza

Sl No	Roll #/USN	Name	Signature
01	29	Isha. S. Shetty	
02	03	Adithi. A. Shetty	
03	50	Sanvitha. S. Acharya	
04	38	Lekha	
05	46	Nisha	
06	45	Nikshitha	
07	40	Manasa M. Shetty	
08	41	Megha	
09	37	Krupa. P. V	
10	21	Disha M.D	
11	09	Anagha K.V	
12	16	B NAGENDRA NAYAK	
13	27	HIMMATH KUMAR	
14	17	Bhuvan. S Shettigar	
15	24	Gautham Shetty	
16	20	Dinesh kumar	
17	44	Nandhana Suresh	



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18	53	Shraddha Sreekumar	<i>[Signature]</i>
19	15	Athira Santhosh	<i>[Signature]</i>
20	52	Sayyidath Ayisha Beevi	<i>[Signature]</i>
21	43	Nandana Gayaram	<i>[Signature]</i>
22	36	Khalifa Bm Osman	<i>[Signature]</i>
23	18	Chaithanyasankar. S	<i>[Signature]</i>
24	51	Sarang. A.V	<i>[Signature]</i>
25	12	Aswanth. Sreejith	<i>[Signature]</i>
26	31	K. Devraj.	<i>[Signature]</i>
27	7	AMARNATH.K.V	<i>[Signature]</i>
28	54	unnikaishnan	<i>[Signature]</i>
29	10	Anirudh.V.V	<i>[Signature]</i>
30	28	IBRAHIM SANJAN	<i>[Signature]</i>
31	6	Aloke P P	<i>[Signature]</i>
32	13	Aswin Suresh M	<i>[Signature]</i>
33	02	ADARSH DAYANAND	<i>[Signature]</i>
34	25	GURURAJ.S	<i>[Signature]</i>
35	04	AKARSH.S	<i>[Signature]</i>
36	26	H.P Rahul	<i>[Signature]</i>
37	48	S. Aravind	<i>[Signature]</i>
38	08	Amarnath.k.k	<i>[Signature]</i>
39	01	Abhishek.R	<i>[Signature]</i>
40	05	Akhay Suresh.M	<i>[Signature]</i>



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41	33	Karthik V. Suvarna	
42	11	Ashwin M	
43	39	Likith M Shet	
44	42	HUMRAZ	
45	22	FROJAS JOSEPH	
46	32	SATUK	
47	49	Palman	
48	35	Kevin	
49	19	Dhanush	
50	34	Karthik G	
51	14	Athin P. B	

Virtual Lab Sub Coordinator

Institute Virtual Lab Coordinator

AJIET/Virtual Lab/Workshop

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



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

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Committee members for Academic year 2021-22

Faculty Name	Designation	Role
Mr John Prakash Veigas	Asst. Prof-ISE	Virtual Lab Nodal Coordinator /ISE
Mr Harold D'Souza	Asst. Prof- ME	Sub Virtual Lab Coordinator - ME
Mr. Ganesh U G	Asst.Prof-ECE	Sub Virtual Lab Coordinator -ECE
Mrs.Archana S	Asst.Prof-CSE	Sub Virtual Lab Coordinator-CSE
Ms.Pooja D	Asst.Prof-Civil	Sub Virtual Lab Coordinator-Civil
Mrs.Vilma DSouza	Asst.Prof-Maths	Sub Virtual Lab Coordinator-First year


PRINCIPAL

Principal

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



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Virtual Labs

Student Coordinators List - Academic Year 2021-22

Branch	sl. Name	Name	USN	Year	Contact Number
Civil	1	Anjali	4JK19CV012	III	9324378265
	2	Nikitha	4JK20CV019	II	8296259549
CSE	1	Harshith Poojary	4JK19CS020	III	9148850331
	2	Athreya	4JK20CS041	II	9108869934
E&C	1	Akshay J Rai	4JK19EC006	III	9746514255
	2	Saiprasad	4JK21EC402	II	7676112919
ISE	1	Poorvi M Rao	4JK19IS032	III	6361908167
	2	Ashik Raj E	4JK20IS012	II	8277274039
ME	1	Abdul Basith	4JK19ME001	III	9074106766
	2	Jeriel Sean	4JK20ME009	II	9108084080
I Year	1	Manasa M Shetty	4JK21CS031	I	7899787238
	2	Isha S Shetty	4JK21CS022	I	9895646773

P. Vayana
Institute Coordinator

[Signature]
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Date:21/09/2021

AJIET/VLAB/1/2021-22

Circular

All the department virtual lab coordinators including first year are informed to give the virtual lab action plan for the academic year 2021-22 in your respective branches. The department virtual lab coordinators are requested to prepare mapping of Virtual labs with academic courses for odd semester 2021-22. Kindly fill the Google spreadsheet which is shared with you.

All the course instructors/subject teachers are requested to demonstrate available experiments from virtual lab website vlab.co.in (at least 3 experiments for lab subjects and 2 experiments in theory subjects). The remaining experiments can be given as an assignment. Course instructors are requested to maintain record of the experiments done by the students. This may be shown as content beyond the syllabus in their respective courses.

Veigas
21/9/2021
Virtual Lab Coordinator
(Mr John Prakash Veigas)

[Signature]
Principal

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

CC to

1. Vice President, LMET
2. Principal, AJIET
3. HODs of - CSE ECE ISE ME CIV First year
4. Department Virtual lab Coordinators - CSE ECE ISE ME CIV First year



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Date:18/12/2021

AJIET/VLAB/2/2021-22

Notice

A meeting of virtual lab coordinators is scheduled on 22/12/2021 to discuss about the status of virtual lab conductions in all the branches including first year. Kindly attend the same.

Venue: ADE Lab Room No: A-305

Time: 1:30PM

Virtual Lab Coordinator
(Mr John Prakash Veigas)

Principal

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

CC to

1. Vice President, LMET
2. Principal, AJIET
2. HODs of - CSE ECE ISE ME CIV First year
3. Department Virtual lab Coordinators - CSE ECE ISE ME CIV First year



Ref:AJIET/VLAB/2/2021-22

Date: 18.12.2021

CIRCULAR – Virtual Lab Committee

Virtual Lab committee meeting is scheduled on 22.12.2021 at 1.30 p.m. in the A-305 (3rd Floor, A Block) to discuss the about status of virtual lab conductions. All the Committee members are informed to attend.

Agenda:

1. Virtual Lab Conduction Progress.
2. Virtual Lab awareness to the first year students
3. Any other related matters.

Venue: Room No A-305, ADE Lab, III Floor

John Prakash Veigas
18/12/2021

(Mr John Prakash Veigas)
Virtual Lab Institute Co-Ordinator

[Signature]
Principal

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

Copy to

Sl.No.	Virtual Lab Committee	Signature
1	Mr Harold D'Souza, Asst.Prof-Mech	<i>[Signature]</i>
2.	Mr. Ganesh U G,Asst.Prof-ECE	<i>[Signature]</i>
3.	Mrs.Archana S, Asst.Prof-CSE	<i>[Signature]</i>
4.	Ms.Pooja D, Asst.Prof-Civil	<i>[Signature]</i>
5.	Mrs.Vilma D' Souza, Asst.Prof-Math	<i>[Signature]</i>

CC to:

1. President / Vice President, LMET
2. Principal
3. HOD's of CSE

[Signature]
ECE

ISE

[Signature]
ME

[Signature]
CIV

First Year



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Time: 1:30 PM

Virtual Lab committee meeting was held on 22.12.2021 at 1.30 PM in A-305, ADE Lab, 3rd Floor

The following points were discussed in the meeting:

1. Discussed about the progress of the virtual lab conduction in Civil, CSE, ECE, ISE, ME branches
2. Decided to conduct Workshop/Awareness to the first year students in the Lab from January 2022 First week onwards
3. Informed to maintain virtual lab record and shared the virtual lab record format with new committee members
4. Informed to update the virtual lab conduction details in the Google sheet

Members present: 6

Sl.No.	Faculty Name	Signature
1.	Mr John Prakash Veigas, Asst Prof-ISE	
2	Mr Harold D'Souza, Asst.Prof-Mech	
3	Mr. Ganesh U G,Asst.Prof-ECE	
4	Mrs.Archana S, Asst.Prof-CSE	
5	Ms.Pooja D, Asst.Prof-Civil	
6	Mrs.Vilma D' souza, Asst.Prof-Math	

Institute Virtual Lab Coordinator

Principal

CC:

1. President / Vice President, LMET
2. Principal

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Ref:AJIET/VLAB/3/2021-22

Date: 18.02.2022

CIRCULAR

AJIET Virtual Lab committee is conducting virtual lab awareness hands-on demonstration for the first year students. The schedule is as follows:

	Date	Time	Faculty
A Section	23-02-2022	2:00-3:00pm	Mr John Prakash Veigas <i>Nithin shet</i>
B Section	22 -02-2022	2:00-3:00pm	Mr Harold D'Souza
C Section	23-02-2022	4:00-5:00pm	Mr. Ganesh U G <i>Phy-Sadana</i>
D Section	23-02-2022	3:00-4:00pm	Mrs.Archana S <i>English</i>
E Section	22 -02-2022	2:00-3:00pm	Mrs.Vilma D' Souza

John Prakash Veigas
18/2/2022
(Mr John Prakash Veigas)
Virtual Lab Institute Co-Ordinator

Principal
Principal

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

Copy to

Sl.No.	Virtual Lab Committee	Signature
1	Mr Harold D'Souza, Asst.Prof-Mech	<i>HD</i>
2.	Mr. Ganesh U G,Asst.Prof-ECE	<i>Ganesh</i>
3.	Mrs.Archana S, Asst.Prof-CSE	<i>Archana</i>
4.	Ms.Pooja D, Asst.Prof-Civil	<i>Pooja</i>
5.	Mrs.Vilma D' Souza, Asst.Prof-Math	<i>Vilma</i>

CC to:

1. Vice President, LMET
2. Principal
3. HOD's of CSE

ECE
ECE

ISE
ISE

ME
ME

CIV
CIV

First Year Coordinator
First Year
Coordinator



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING Virtual Lab Experiments Conduction details in the odd Semester 2021-22

Name of Experiment in VLab	Name of the Lab in VLab	Name of Lab Course as per Curriculum	No. of Students	Semester & Programme	Date of Conduction	Name of Course Instructor
Numerical Approximation	Computer programming lab	Computer programming lab	54	1st Sem(First year)	21-01-2022	Archana S
Arrays	Computer programming lab	Computer programming lab	54	1st Sem(First year)	07-02-2022	Archana S
Merge sort	Data Structure lab	Data Structure lab	58	3rd sem(CS)	28-02-2022	Saranya Babu
Binary search tree	Data Structure lab	Data Structure lab	58	3rd sem(CS)	28-02-2022	Saranya Babu
Symmetric key encryption standards	cryptography lab	Computer network lab	64	5th sem(CS)	22-12-2022	Sharon D'souza

No. of Vlab Workshops/Trainings Conducted	03
Total No. Of Participants covered	176
Name of Department coordinator	Mrs Archana.S


Department Coordinator


Institute Coordinator


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Ref:AJIET/VLAB/3/2021-22

Date: 09.06.2022

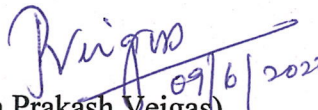
CIRCULAR – Virtual Lab Committee

Virtual Lab committee meeting is scheduled on 10.06.2022 at 10.50 a.m. in the A-305 (3rd Floor, A Block) to discuss the about status of virtual lab conduction. All the Committee members are requested to attend.

Agenda:

1. Virtual Lab Conduction Progress.
2. Maintaining the soft copy of the virtual lab records
3. Any other related matters.

Venue: Room No A-305, ADE Lab, III Floor


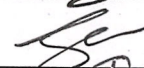


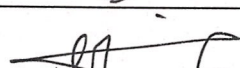

(Mr John Prakash Veigas)
Virtual Lab Institute Co-Ordinator


Principal

Principal

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Copy to

Sl.No.	Virtual Lab Committee	Signature
1	Mr Harold D'Souza, Asst.Prof-Mech	
2.	Mr. Ganesh U G,Asst.Prof-ECE	
3.	Mrs.Archana S, Asst.Prof-CSE	
4.	Ms.Pooja D, Asst.Prof-Civil	
5.	Mrs.Vilma D' souza, Asst.Prof-Math	

CC to:

- President / Vice President, LMET
- Principal
- HOD's of CSE

 ECE

ISE

ME

CIV

 First Year



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Time: 10:50 AM

Virtual Lab committee meeting was held on 10.06.2022 at 10.50 AM in A-305 Project Lab, 3rd Floor

The following points were discussed in the meeting:

1. Discussed about the progress of the virtual lab conduction in Civil, CSE, ECE, ISE, ME branches
2. Decided to organize a visit to NITK surathkal for enhancing knowledge on virtual Lab
3. Informed to maintain virtual lab records in the GoogleDrive folder
4. Informed to update the virtual lab conduction details in the Google sheet

Members present: 6

Sl.No.	Faculty Name	Signature
1.	Mr John Prakash Veigas, Assoc Prof-ISE	
2.	Mr Harold D'Souza, Asst.Prof-Mech	
3.	Mr. Ganesh U G, Asst.Prof-ECE	
4.	Mrs.Archana S, Asst.Prof-CSE	
5.	Ms.Pooja D, Asst.Prof-Civil	
6.	Mrs.Vilma D' Souza, Asst.Prof-Math	

Institute Virtual Lab Coordinator

Principal

CC:

1. President / Vice President, LMET
2. Principal

Principal
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Mangaluru - 575 006

Feedback on Virtual Labs Academic Year 2021-22

* Required

1. Email *

2. Student Name *

3. USN *

4. Branch *

Mark only one oval.

- Civil Engg
- CSE
- ECE
- ME
- ISE

5. Year *

Mark only one oval.

- I
- II
- III
- IV


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6. List the Lab/Subjects in which you have performed Virtual Labs Experiments

7. Is your knowledge improved after performing experiments using Virtual Lab? *

Mark only one oval.

Yes

No

8. Have you tried any Virtual Lab experiments on your own? *

Mark only one oval.

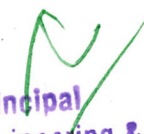
Yes

No

9. Any Problems are faced while using Virtual Lab? Give your Suggestions to improve.. *

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Vlab Experiments to be used in the Academic courses ODD Semester 2021-22 - Action Plan

Sl. No	Name of Course as per Curriculum with course code	Name of the VLab	Name of Experiment in VLab	Semester & Programme	Name of Course Coordinator	Link
1	Analog and Digital Electronics (18CS33)	BASIC ELECTRONICS VIRTUAL LABORATORY	VI characteristic of the diode	ISE - 3rd semester	Mr Rakesh M R	http://vlabs.iitkgp.ac.in/be/exp5/index.html
2	Analog and Digital Electronics Lab (18CSL37)	BASIC ELECTRONICS VIRTUAL LABORATORY	Study of basic properties of operational amplifier	ISE - 3rd semester	Mr Rakesh M R	http://vlabs.iitkgp.ac.in/be/exp17/index.html
3	Analog and Digital Electronics Lab (18CSL37)	Digital Electronics VIRTUAL LABORATORY	Verification and interpretation of truth table for AND, OR, NOT, NAND, NOR, Ex-OR, Ex-NOR gates	ISE - 3rd semester	Mr Rakesh M R	https://de-iitr.vlabs.ac.in/exp/truth-table-gates/
4	Analog and Digital Electronics Lab (18CSL37)	Digital Electronics VIRTUAL LABORATORY	Design and verify the 4- Bit Synchronous or Asynchronous Counter using JK Flip Flop	ISE - 3rd semester	Mr Rakesh M R	https://de-iitr.vlabs.ac.in/exp/4bit-synchronous-asynchronous-counter/
5	Analog and Digital Electronics (18CS33)	Digital Electronics VIRTUAL LABORATORY	Verify Binary to Gray and Gray to Binary conversion using NAND gates only.	ISE - 3rd semester	Mr Rakesh M R	https://de-iitr.vlabs.ac.in/exp/binary-conversion/
6	Software Engineering(18CS35)	Software Engineering Lab	Modelling UML use case diagrams and capturing	ISE - 3rd semester	Mrs Vineetha Pais	
7	Computer Networks (18CS45)	Computer Networks Lab	Peer to Peer Topology	ISE - 5th semester	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp1/index.php
8	Computer Networks (18CS45)	Computer Networks Lab	IPv4 Addressing	ISE - 5th semester	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp4/index.php
9	Data Structures and its Applications (18CS32)	Data Structures - 1	Bubble Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
10	Data Structures and its Applications (18CS32)	Data Structures - 1	Merge Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
11	Data Structures and its Applications (18CS32)	Data Structures - 1	Heap Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
12	Data Structures and its Applications (18CS32)	Data Structures - 1	Quick Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
13	Data Structures Laboratory(18CSL38)	Data Structures - 1	Depth First Search	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
14	Data Structures Laboratory(18CSL38)	Data Structures - 1	Breadth First Search	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
15	Data Structures and its Applications (18CS32)	Data Structures - 1	Tree Traversal	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
16	Data Structures Laboratory(18CSL38)	Data Structures - 1	Binary Search Trees	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
17	Data Structures and its Applications (18CS32)	Data Structures - 1	Stacks and Queues	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
18	Data Structures Laboratory(18CSL38)	Data Structures - 1	Infix to Postfix	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
19	Data Structures and its Applications (18CS32)	Data Structures - 1	Unsorted Arrays	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
20	Data Structures and its Applications (18CS32)	Data Structures - 1	Hashables	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
21	Data Structures and its Applications (18CS32)	Data Structures - 1	Polynomial Arithmetic using linked lists	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
22	Data Structures Laboratory(18CSL38)	Data Structures - 2	KMP Algorithm	ISE - 3rd semester	Mr John Prakash Veigas	https://ds2-iitb.vlabs.ac.in/exp/kmp-algorithm/index.html

Name of Department coordinator: Mr Rakesh M R

Principal

Department coordinator

Institute Coordinator

Principal



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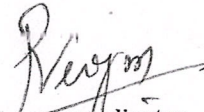
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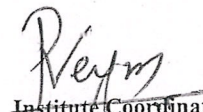
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Vlab Experiments to be used in the Academic courses ODD Semester 2021-22 - Conduction Details

Sl No	Name of Experiment	Name of the Vlab	Name of Course as per Curriculum	No. of Students	Semester & Programme	DATE	Name of Course Instructor
1	ER Diagram	Software Engineering Lab	DBMS Lab with Mini project	62	5th ISE	20/01/ 2022	Mrs. Aruna Kumari G K
2	Representation of Integers and their Arithmetic	Computer Systems Organization Lab	Computer Organization	56	3rd SEM ISE	27/01/ 2022	Mrs. Aruna Kumari G K
3	Floating Point Numbers Representation	Computer Systems Organization Lab	Computer Organization	56	3rd SEM ISE	04/02/ 2022	Mrs. Aruna Kumari G K
4	Perceptron Learning	Artificial Neural Networks	Artificial Intelligence And Machine Learning	57	7th Sem ISE	01-02-2022	Mr John Prakash Veigas
5	Multilayer Feedforward Neural Networks	Artificial Neural Networks	Artificial Intelligence And Machine Learning	57	7th Sem ISE	31-01-2022	Mr John Prakash Veigas
6	Bubble sort	Data Structures – 1	Data Structures Lab(18CSL38)	56	3rd Sem ISE	16/12/2021	Mr John Prakash Veigas
7	Merge Sort	Data Structures – 1	Data Structures Lab(18CSL38)	56	3rd Sem ISE	22/12/2021	Mr John Prakash Veigas
8	VI characteristic of the diode	Basic Electronics	Analog and Digital Electronics (18CS33)	56	3rd Sem ISE	13/02/2022	Mr Rakesh M R
9	Verification and interpretation of truth table for AND, OR, NOT, NAND, NOR, Ex-OR, Ex-NOR gates	Digital Electronics IITR	Analog and Digital Electronics Lab (18CSL37)	56	3rd Sem ISE	22/02/2022	Mr Rakesh M R
10	Verify Binary to Gray and Gray to Binary conversion using NAND gates only.	Digital Electronics IITR	Analog and Digital Electronics Lab (18CSL37)	56	3rd Sem ISE	22/02/2022	Mr Rakesh M R
11	To Study and Verify Half and Full Subtractor	Digital Electronics IITR	Analog and Digital Electronics (18CS33)	56	3rd Sem ISE	22/02/2022	Mr Rakesh M R
12	Basics of Network Simulation	Advanced Network Technology Virtual Lab	Computer Networks Laboratory	62	5th Sem ISE	16/01/2022	Mrs.Navya S Rai
13	Simulating a Local Area Network	Advanced Network Technology Virtual Lab	Computer Networks Laboratory	62	5th Sem ISE	16/01/2022	Mrs.Navya S Rai


Department coordinator


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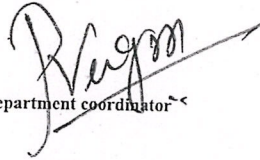
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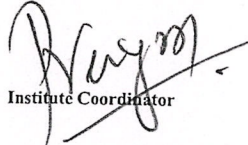
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Vlab Experiments to be used in the Academic courses EVEN Semester 2021-22 - Action Plan

Sl. No	Name of Course as per Curriculum with course code	Name of the VLab	Name of Experiment in VLab	Semester & Programme	Name of Course Instructor	Link
1	Object Oriented Concepts - 18CS45	Object Oriented Programming in C++	Classes and Objects in C++	4th sem-ISE	Mrs. Sharanya P S	
2	Object Oriented Concepts - 18CS45	Object Oriented Programming in C++	Function overloading in C++	4th sem-ISE	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs/ooops/labs/exp2/index.php
3	Object Oriented Concepts - 18CS45	Core Java Programming	To understand the inheritance in Java	4th sem-ISE	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs/ooops/labs/exp4/index.php
4	Object Oriented Concepts - 18CS45	Core Java Programming	Handling Exceptions in Java	4th sem-ISE	Mrs. Sharanya P S	https://java-iiitd.vlabs.ac.in/exp/inheritance/
5	Data Communication - 18CS46	Computer Networks Lab	Peer to Peer Topology	4th sem-ISE	Mrs. Navya S Rai	https://java-iiitd.vlabs.ac.in/exp/exceptions/
6	Data Communication - 18CS46	Computer Networks Lab	Star Topology	4th sem-ISE	Mrs. Navya S Rai	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp2/index.php
7	Data Communication - 18CS46	Computer Networks Lab	IPv4 Addressing	4th sem-ISE	Mrs. Navya S Rai	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp3/index.php
8	Web Technology and Applications -18CS63	Introduction to PHP	Association arrays	6th sem-ISE	Mrs.Aruna Kumari G K	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp4/index.php
9	Web Technology and Applications -18CS63	Introduction to PHP	date functions	6th sem-ISE	Mrs.Aruna Kumari G K	http://vlabs.iitb.ac.in/vlabs-dev/labs/phplab/labs/array-associative-pvg/index.html
10	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	Data Structures - II	Minimum Spanning Trees-Kruskal's Algorithm	4th sem-ISE	Mrs. Divya	http://vlabs.iitb.ac.in/vlabs-dev/labs/phplab/labs/date-function-pvg/index.html
11	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	Data Structures - II	Minimum Spanning Trees-Prim's Algorithm	4th sem-ISE	Mrs. Divya	https://ds2-iiitd.vlabs.ac.in/exp/min-spanning-trees/kruskals-algorithm/index.html
12	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	Data Structures - II	Path algorithms: Dijkstra's shortest path	4th sem-ISE	Mrs. Divya	https://ds2-iiitd.vlabs.ac.in/exp/min-spanning-trees/prim-algorithm/index.html
						https://ds2-iiitd.vlabs.ac.in/exp/dijkstra-algorithm/index.html


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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING


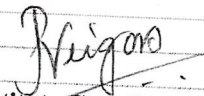

Vlab Experiments conducted in the academic courses EVEN Semester 2020-2021

Name of Experiment	Name of the Vlab	Name of Lab Course as per Curriculum	No. of Students	Semester & Programme	DATE	Name of Course Coordinator
Introduction to HTML	Basics of HTML Lab	Web Technology and its Applications-18CS63	57	6th sem-ISE	12-5-2021	Mr. John Prakash Veigas
.Applying Attributes in HTML Tag	Basics of HTML Lab	Web Technology and its Applications-18CS63	57	6th sem-ISE	10-6-2021	Mr. John Prakash Veigas
Inserting images through img tags	Basics of HTML Lab	Web Technology and its Applications-18CS63	57	6th sem-ISE	20-7-2021	Mr. John Prakash Veigas
Creating tables in HTML	Basics of HTML Lab	Web Technology and its Applications-18CS63	57	6th sem-ISE	28-7-2021	Mr. John Prakash Veigas
Types of Lists in HTML	Basics of HTML Lab	Web Technology and its Applications-18CS63	57	6th sem-ISE	28-7-2021	Mr. John Prakash Veigas
To Understand the Concept of Quick Sort	DATA STRUCTURES	Design and analysis of algorithms lab -18CSL47	62	4th sem-ISE	22-7-2021	Mrs.Aruna Kumari G K
To Understand the Concept of Prim's Algorithm for Minimum Spanning tree	DATA STRUCTURES	Design and analysis of algorithms lab -18CSL47	62	4th sem-ISE	22-7-2021	Mrs.Aruna Kumari G K
To Understand the Concept of Merge Sort	DATA STRUCTURES	Design and analysis of algorithms lab -18CSL47	62	4th sem-ISE	29-7-2021	Mrs.Aruna Kumari G K
To Understand the Concept of Kruskal Algorithm for Minimum Spanning Tree	DATA STRUCTURES	Design and analysis of algorithms lab -18CSL47	62	4th sem-ISE	30-7-2022	Mrs.Aruna Kumari G K
Estimation of Test Coverage Metrics and Structural Complexity	Software Engineering Virtual Lab	Software Testing laboratory-18ISL66	57	6th sem ISE	11-6-2021	Mrs Vineetha Pais
Designing Test Suites	Software Engineering Virtual Lab	Software Testing laboratory-18ISL66	57	6th sem ISE	11-6-2021	Mrs Vineetha Pais
To understand the inheritance in Java	Core Java Programming	Object Oriented Concepts 18CS46	62	4th sem-ISE	24-07-2021	Mrs. Sharanya P S

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Implementing Method Overloading	Core Java Programming	Object Oriented Concepts - 18CS47	62	4th sem-ISE	24-07-2021	Mrs. Sharanya P S																					
Handling Exceptions in Java	Core Java Programming	Object Oriented Concepts - 18CS48	62	4th sem-ISE	30-7-2022	Mrs. Sharanya P S																					
Fabrication of Cables	Computer Networks Lab	Data Communication - 18CS46	57	4th sem-ISE	14-6-2021	Mr John Prakash Veigas																					
Peer to Peer Topology	Computer Networks Lab	Data Communication - 18CS46	57	4th sem-ISE	14-6-2021	Mr John Prakash Veigas																					
Star Topology	Computer Networks Lab	Data Communication - 18CS46	57	4th sem-ISE	21-6-2021	Mr John Prakash Veigas																					
IPv4 Addressing	Computer Networks Lab	Data Communication - 18CS46	57	4th sem-ISE	26-6-2021	Mr John Prakash Veigas																					
<table border="1"> <tbody> <tr> <td colspan="7">No. of Vlab experiment Conducted : 18</td> </tr> <tr> <td colspan="7">Total No. Of Participants covered: 120</td> </tr> <tr> <td colspan="7">Name of Department coordinator: Mr Rakesh M R</td> </tr> </tbody> </table>							No. of Vlab experiment Conducted : 18							Total No. Of Participants covered: 120							Name of Department coordinator: Mr Rakesh M R						
No. of Vlab experiment Conducted : 18																											
Total No. Of Participants covered: 120																											
Name of Department coordinator: Mr Rakesh M R																											
 Department coordinator			 Institute Coordinator		 Principal																						

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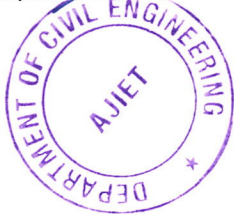
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Department of Civil Engineering

Virtual Lab Experiments Conducted in the academic courses Even Semester 2021-22

Name of Experiment in VLab	Name of Lab in VLab	Name of Lab/Theory Course as per Curriculum	No. of Students	Date of conduction	Semester & Programme	Name of Course Coordinator
Centrifugal Pump	Fluid Machinery Lab	Fluid mechanics and Hydraulic Machinery lab	25	26-7-2022	4th sem	Mr.Saketh Shetty
Kaplan turbine	Fluid Machinery Lab	Fluid mechanics and Hydraulic Machinery lab	25	26-7-2022	4th sem	Mr.Saketh Shetty
Determination of pH	Environment Engineering lab	Environment Engineering lab	44	17-05-2022	6th sem	Mr. Nitesh
Determination of Sulphate in water	Environment Engineering lab	Environment Engineering lab	49	16-06-2022	6th sem	Mr. Nitesh
Determination of Flouride in water	Environment Engineering lab	Environment Engineering lab	42	05-07-2022	6th sem	Mr. Nitesh
Identification of Minerals	Mining Geology Lab	Engineering geology lab	25	20-7-2022	4th sem	Mrs.Pooja Deepak
Identification and study of physical properties of rocks	Mining Geology Lab	Engineering geology lab	24	20-7-2022	4th sem	Mrs.Pooja Deepak
To determine California Bearing Ratio value of soil by conducting lo	Geotechnical Engineering Lab	Applied Geotechnical Engineering	45	18-6-2022	6th sem	Mr. Vinod D souza
To find the shear of the soil by Undrained Triaxial Test.	Geotechnical Engineering Lab	Applied Geotechnical Engineering	47	18-6-2022	6th sem	Mr. Vinod D souza
Demonstrations of total station	Surveying practice Lab	Adavanc Surveying	28	19-6-2022	6th sem	Dr. Amarnath shetty
Observation of vertical and horizontal angeles using total station		Adavanc Surveying	30	19-6-2022	6th sem	Dr. Amarnath shetty
Analysis of trusses	Basic structural analysis	Analysis of determinate structures	25	30-06-2022	4th sem	Mr. Nikhil N
Permeability test	Soil Mechanics	Hydrology and irrigation engineering	55	11/7/2022	6th sem	Dr. Suman Kundapura

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Vlab Experiments to be used in the Academic courses EVEN Semester 2021-22 - Conduction Details

Sl No	Name of Experiment	Name of the Vlab	Name of Course as per Curriculum	No. of Students	Semester & Programme	DATE	Name of Course Instructor
1	Classes and Objects in C++	Object Oriented Programming in C++	Object Oriented Concepts - 18CS45	56	4th sem-ISE	29/05/2022	Mrs. Sharanya P S
2	Function overloading in C++	Object Oriented Programming in C++	Object Oriented Concepts - 18CS45	56	4th sem-ISE	11-06-2022	Mrs. Sharanya P S
3	To understand the inheritance in Java	Core Java Programming	Object Oriented Concepts - 18CS45	56	4th sem-ISE	25/06/2022	Mrs. Sharanya P S
4	Handling Exceptions in Java	Core Java Programming	Object Oriented Concepts - 18CS45	56	4th sem-ISE	10-07-2022	Mrs. Sharanya P S
5	Peer to Peer Topology	Computer Networks Lab	Data Communication - 18CS46	56	4th sem-ISE	28/05/2022	Mrs. Navya S Rai
6	Star Topology	Computer Networks Lab	Data Communication - 18CS46	56	4th sem-ISE	15/06/2022	Mrs. Navya S Rai
7	IPv4 Addressing	Computer Networks Lab	Data Communication - 18CS46	56	4th sem-ISE	05-07-2022	Mrs. Navya S Rai
8	Association arrays	Introduction to PHP	Web Technology and Applications -18CS63	62	6th sem-ISE	25/6/2022	Mrs.Aruna Kumari G K
9	date functions	Introduction to PHP	Web Technology and Applications -18CS63	62	6th sem-ISE	2-7-2022	Mrs.Aruna Kumari G K

Name of Department coordinator: Mr John P Veigas

Department coordinator



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Virtual Lab Feedback AY 2021-22

Timestamp	Email Address	Student Name	USN	Branch	Year	List the Lab/Subjects in which you have performed Virtual Labs Experiments	Is your knowledge improved after performing experiments using Virtual Lab?	Have you tried any Virtual Lab experiments on your own?	Any Problems are faced while using Virtual Lab? Give your Suggestions to improve..
7-7-2022 12:01:15	sudarshanudupa737@	Sudarshan Udupa	4JK19IS058	ISE	III	MAD LAB,FS	Yes	Yes	No
7-7-2022 12:01:41	kumaranush26@gmail	Anush kumar	4JK19IS006	ISE	III	2	Yes	Yes	No
7-7-2022 12:02:25	sanjanaarun860@gma	Sanjana Arun Prabhas	4JK19IS046	ISE	III	Software tes	Yes	Yes	Computer issues
7-7-2022 12:02:46	Adhyashetty2926@gm	Adhya shetty p	4JK20IS004	ISE	II	2	Yes	No	No
7-7-2022 12:02:57	devadigashifali69@gm	Shifali Devadiga	4JK20IS047	ISE	II		Yes	No	No
7-7-2022 12:03:43	adithyap9999@gmail.c	adithya p	4JK20IS005	ISE	II	1)ade2)co3)d	Yes	No	no
7-7-2022 12:03:53	chaigatty@gmail.com	Chaithanya	4JK20IS015	ISE	II	Data structur	Yes	Yes	No
7-7-2022 12:04:19	aksha0717@gmail.com	AKSHA	4JK20IS056	ISE	II	Ds ,Ade	Yes	Yes	No
7-7-2022 12:04:43	bayarsinchana66@gma	SINCHANA B R	4JK19IS057	ISE	IV	Software Tes	Yes	Yes	No change
7-7-2022 12:05:03	prajnaputhran10@gma	Prajna S Puthran	4JK19IS033	ISE	III	Web technol	Yes	Yes	No
7-7-2022 12:05:32	prakhyathkulal01@gma	Prakhyath	4JK19IS035	ISE	III		Yes	Yes	No problem faced
7-7-2022 12:06:15	abhijnapnaik@gmail.co	Abhijna P Naik	4jk19is001	ISE	III		Yes	Yes	No
7-7-2022 12:15:30	sukanyashet0428@gm	Sukanya N. Shet	4JK19IS059	ISE	III		Yes	No	No
7-7-2022 12:23:23	shetty.prathee1901@g	Pratheeksha R Shetty	4JK18IS043	ISE	IV	Data structur	Yes	Yes	No
7-7-2022 12:23:52	reshmarp27@gmail.co	Reshma	4JK18IS046	ISE	IV	Data Structur	Yes	Yes	No
7-7-2022 12:24:13	pratheekshah9@gmail.com	Pratheeksha H	4JK18IS042	ISE	IV	Software Testing, Mobile Applications	Yes	Yes	No
7-7-2022 12:32:24	devikarajan860@gmail.com	R DEVIKA	4JK19IS037	ISE	III		Yes	Yes	NO
7-7-2022 12:35:30	basavrajkurubar06@gmail.com	Basavaraj U Kurubar	4JK19IS011	ISE	III	1	No	No	No problem

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7-7-2022 13:45:46	thejasjputhran966@gmail.com	Thejas J Puthran	4JK19IS061	ISE	III	MAD, FS, ST	Yes	Yes	No
7-7-2022 14:03:16	shreyaganiga2002@gmail.com	Shreya	4JK19IS053	ISE	III		Yes	Yes	No
7-7-2022 14:25:29	sanjayubangera@gmail.com	Sanjay Umesh bangera	4JK19IS047	ISE	III		Yes	Yes	No
7-7-2022 15:02:50	harshitha.hs143@gmail.com	Harshitha HS	4jk19is018	ISE	III	Mad,fs,st	Yes	Yes	Ntg
7-7-2022 19:33:26	rishanamonangatt@gmail.com	Rishana M S	4JK20CV021	Civil Engg	II		Yes	Yes	No
7-7-2022 19:35:07	thameem82002@gmail.com	Mohammad thameem	4jk20cv016	Civil Engg	II		Yes	Yes	Nothing
7-7-2022 19:36:27	myselfnikhithayadav@gmail.com	Nikhitha KN	4JK20CV019	Civil Engg	II	CAD	Yes	Yes	No
7-7-2022 19:38:55	shivani Kodical@gmail.com	Shivani Kodical	4JK20CV024	Civil Engg	II	Identification of	Yes	No	No
7-7-2022 19:48:42	chithukotian55@gmail.com	Chitharanjan	4JK20CV009	Civil Engg	II	Identification of	Yes	Yes	No
7-7-2022 19:50:38	skdanjose2001@gmail.com	Dan s k	4JK20CV010	Civil Engg	II		Yes	No	No nothing
7-7-2022 19:53:44	eerannar35@gmail.com	Eeranna Rangappa Dalawai	4JK20CV012	Civil Engg	II		Yes	No	☺
7-7-2022 20:18:01	abhinavabd19@gmail.com	Abhinav Mohan	4JK20CV001	Civil Engg	II	IDENTIFICATION OF	Yes	Yes	No
7-7-2022 21:23:41	mshreyas683@gmail.com	Shreyas M	4JK19IS056	ISE	III	CNS	Yes	Yes	No
7-8-2022 9:51:07	poojarygreeshma02@gmail.com	Greeshma c Poojary	4JK20IS018	ISE	II	Data Structures, Computer Organization	Yes	Yes	No Problem Faced
7-8-2022 9:54:09	harsharajb14303@gmail.com	Harsharaj B	4JK20IS019	ISE	II	DS and ADE	Yes	No	No probleme faced
7-8-2022 9:56:43	kavikavi8881@gmail.com	Kavya	4jk20is022	ISE	II	Data structure, computer organization	Yes	No	No

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7-8-2022 9:57:34	thekirankumarv@gmail.com	Kiran Kumar. V	4JK20IS023	ISE	II	Data structures Analog and digital	Yes	Yes	No
7-8-2022 9:58:18	aarpitha539@gmail.com	Arpitha	4JK20IS011	ISE	II	Data Structures, Computer Organizatio	Yes	Yes	No
7-8-2022 10:07:47	ksatvikshenoy@gmail.com	Satvik	4jk21cs053	CSE	I	Cs	No	No	No
7-8-2022 10:08:08	prathamva12@gmail.com	Pratham V Asaigoli	4JK21CS046	CSE	I	1	Yes	Yes	no
7-8-2022 10:13:27	chakrasalikavya8@gmail.com	kavya G C	4JK21EC020	ECE	I	engineering chemistry	Yes	Yes	No issue
7-8-2022 10:13:58	sharanyarai2848@gmail.com	Sharanya Rai B	4JK21IS049	ISE	I	Engineering chemistry	Yes	No	No
7-8-2022 10:15:19	sumanthpoojary610@gmail.com	Sumanth	4JK21EC056	ECE	I	Chemistry Problem solving	Yes	Yes	No
7-8-2022 10:16:14	1969raghavendrabhta@gmail.com	Shreenikethan R Bhat	4JK21IS052	ISE	I	Chemistry	Yes	No	No
7-8-2022 10:21:01	naveenaik5092003@gmail.com	Naveena	4JK21IS030	ISE	I		Yes	Yes	No
7-8-2022 10:21:23	ajeethmn80@gmail.com	Ajeeth	4JK21EC003	ECE	I	Chemistry	Yes	Yes	No
7-8-2022 10:23:07	vishnusanthosh9880@gmail.com	VISHNU SANTHOSH	4JK21EC063	ECE	I	VLAB - Chemistry	Yes	Yes	All the experiments are
7-8-2022 10:30:58	bhavanishprathapana@gmail.com	Bhavanish.P	4JK21EC009	ECE	I	Engineering Chemistry lab Computer	Yes	Yes	No
7-8-2022 10:34:06	nandanajayaram17@gmail.com	Nandana Jayaram	4JK21CS037	CSE	I	Chemistry	Yes	Yes	Instructions should me more
7-8-2022 10:34:44	shraddhasreekumar2003@gmail.com	Shraddha Sreekumar	4JK21CS055	CSE	I	Chemistry	Yes	Yes	Instructions must be more
7-8-2022 10:51:32	mohithsanil15@gmail.com	Mohith Sanil	4JK18EC023	ECE	IV	Digital Image	Yes	Yes	none
7-8-2022 10:53:57	hrithikrd84@gmail.com	Hrithik R D	4JK18EC016	ECE	IV	Digital image	Yes	No	None

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7-8-2022 10:54:41	nishapoojary572@gmail.com	Nisha	4JK21CS040	CSE	I	2	Yes	Yes	No
7-8-2022 10:54:48	lekhapoojary702@gmail.com	Lekha	4JK21CS029	CSE	I	2	Yes	Yes	No
7-8-2022 10:57:22	manumayur41@gmail.com	Mayur	4JK21EC028	ECE	I	Viscosity/chemistry	Yes	Yes	No problem faced
7-8-2022 11:05:21	dishamd2002@gmail.com	Disha M.D	4JK21IS014	ISE	I	Problem solving	Yes	No	No
7-8-2022 11:18:22	seemajrai@ajiet.edu.in	Seema J Rai	4JK20EC034	ECE	II	DSD EDI	Yes	Yes	No
7-8-2022 11:39:16	kruthigmalige@gmail.com	Kruthika M P	4JK21EC023	ECE	I	Engineering Chemistry	Yes	Yes	No
7-8-2022 11:40:15	kruthigmalige@gmail.com	Kruthika M P	4JK21EC023	ECE	I	Engineering Chemistry	Yes	Yes	No
7-8-2022 11:59:31	rai.axay@gmail.com	Akshay J Rai	4jk19ec006	ECE	III		Yes	Yes	Nil
7-8-2022 11:59:40	prashanthkotian12@gmail.com	Prashanth	4JK19EC035	ECE	III		Yes	Yes	Nil
7-8-2022 12:01:06	pateeltarun@gmail.com	Tharun B S	4JK19EC061	ECE	III	electronic diveces	Yes	Yes	no
7-8-2022 12:01:20	rakshithsanchan@gmail.com	Rakshith.S.anchan	4JK19EC039	ECE	III		Yes	Yes	
7-8-2022 12:06:29	amansasidharan2@gmail.com	Aman Sasidharan K P	4JK19EC008	ECE	III		Yes	No	No problems faced..
7-8-2022 12:06:46	pradeepkumar03579@gmail.com	Pradeep kumar	4jk19ec032	ECE	III		Yes	No	Improve smooth connection
7-8-2022 12:22:49	shashankjmoolya19@gmail.com	Shashank J Moolya	4JK19EC048	ECE	III		Yes	Yes	No
7-8-2022 12:35:32	akshithnshetty02@gmail.com	Akshith N Shetty	4JK19EC007	ECE	III		Yes	Yes	Noo suggestions
7-8-2022 13:44:53	shettysujanya605@gmail.com	SUJANYA P	4JK21ECO55	ECE	I	Engineering chemistry	Yes	Yes	Noo
7-8-2022 14:58:56	manasashetty0606@gmail.com	Manasa M Shetty	4JK21CS031	CSE	I	1	Yes	Yes	No problem
7-8-2022 15:10:18	npujarynikshitha@gmail.com	Nikshitha	4JK21CS039	CSE	I	Computer programmin	Yes	Yes	No problem faced
7-8-2022 15:14:17	vineeth15500@gmail.com	Vineeth Krishna K	4JK18EC051	ECE	IV	Microwaves and	Yes	Yes	No
7-8-2022 15:17:20	ishetty2003@gmail.com	ISHA S SHETTY	4JK21CS022	CSE	I	Computer programmin	Yes	Yes	No

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7-8-2022 16:18:44	athin04pb@gmail.com	Athin P B	4JK21IS004	ISE	I	Engineering Chemistry	Yes	No	No
7-8-2022 16:19:25	dhanushpojjalu@gmail.com	DHANUSH	4JK21IS013	ISE	I	Engineering chemistry	Yes	No	No
7-8-2022 18:40:00	ashithayogesh@gmail.com	Ashitha B Y	4JK21EC006	ECE	I	Chemistry, PSP	Yes	Yes	No issues
7-8-2022 20:07:25	krupapv28@gmail.com	Krupa pv	4jk21IS025	ISE	I		Yes	Yes	No
7-8-2022 21:32:27	dhanasekar3031@gmail.com	P Dhanasekar	4JK19EC031	ECE	III	DSP	Yes	Yes	No
7-9-2022 11:40:39	sudikual325@gmail.com	Sudish	4jk18is055	ISE	IV		Yes	Yes	No
7-9-2022 13:21:54	acharyasanvitha@gmail.com	Sanvitha S Acharya	4JK21CS051	CSE	I	Basic Electronics Problem solving	Yes	Yes	No
7-9-2022 16:34:40	lenishkj@gmail.com	Lenish K J	4JK18IS064	ISE	IV		Yes	Yes	No
7-10-2022 9:30:16	swasthikamath@gmail.com	Swasthik kamath	4JK20EC038	ECE	II	Electronic devices And Digital	Yes	Yes	No problems
7-11-2022 17:05:14	bhagyasuvarna5@gmail.com	Bhagyashree	4jk19is012	ISE	III	2	Yes	Yes	No
7-11-2022 22:26:02	swapnapujary2001@gmail.com	Swapna	4jk18is056	ISE	IV	1	Yes	Yes	No
7-13-2022 19:41:07	shreechaithra0917@gmail.com	Chaithrashree	4JK18IS015	ISE	IV		Yes	Yes	NA
7-20-2022 9:36:29	shamithapoojari73@gmail.com	Shamitha	4jk19is049	ISE	III	Web technology	Yes	Yes	No
7-21-2022 11:36:48	rohitaravu027@gmail.com	Rohit S	4JK18IS047	ISE	IV		Yes	Yes	No
7-21-2022 22:00:19	pavithraprabhu26@gmail.com	Pavithra	4jk18is037	ISE	IV	Software Testing, Cryptograph	Yes	Yes	Need to explain the lab experiment in
7-21-2022 22:01:01	nikitashetty2000@gmail.com	Nikita	4jk18is033	ISE	IV	Internet of things	Yes	Yes	No
7-21-2022 22:02:32	krithikkulal9895@gmail.com	Krithi T	4JK18IS023	ISE	IV	IOT	Yes	Yes	Nothing
7-21-2022 22:06:32	meghashreekulal002@gmail.com	Meghashree	4JK18IS026	ISE	IV	Software testing and	Yes	Yes	No

7-25-2022 10:28:03	mohammedainan23@gmail.com	Mohammed Ainan	4JK18IS028	ISE	IV		Yes	Yes	No
7-25-2022 13:10:30	deechusamiadkar9@gmail.com	Deeksha G	4jk18EC010	ECE	IV	DSP microwave	No	No	No
7-26-2022 10:35:58	nihalcpoojary@gmail.com	Nihal. C	4JK18EC026	ECE	IV		Yes	Yes	Na
7-26-2022 12:41:31	imprjde7@gmail.com	Prajwal S Devadiga	4JK18EC032	ECE	IV		Yes	Yes	No
7-27-2022 10:28:36	mashwin264@gmail.com	M Ashwin	4JK18EC020	ECE	IV		Yes	Yes	No
7-27-2022 10:29:15	pratheekrai1974@gmail.com	Pratheek Rai	4jk18ec033	ECE	IV		Yes	Yes	No suggestion
7-27-2022 10:30:01	manojringeri2@gmail.com	Manoj M.S.	4jk18ec021	ECE	IV		Yes	No	No
7-28-2022 12:37:59	8097159545.xf19@gmail.com	Sayan Dasmahapatra	4jk18ec039	ECE	IV		Yes	Yes	More practical theory should be provided
7-29-2022 14:59:16	kpallavibhat1666@gmail.com	K Pallavi	4JK18EC019	ECE	IV		Yes	Yes	Noo
8-11-2022 8:40:51	deekshithrai505@gmail.com	Deekshith Rai	4jk18ec011	ECE	IV	4	Yes	Yes	It's good

Mr John Prakash Veigas
Virtual Lab Institute Coordinator

Principal

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Department of Civil Engineering

Vlab Experiments to be used in the academic courses 2021-22 - Action Plan

Name of Experiment and Lab in VLab	Name of Lab Course as per Curriculum	Semester & Programme	Name of Course Coordinator
Tensile Test on Mild Steel	Strength of material /Building material t	3rd sem / Civil Engg	Nikhil N
Torsion Test on Mild Steel	Strength of material /Building material t	3rd sem / Civil Engg	Nikhil N
Compression Test on Mild Steel	Strength of material /Building material t	3rd sem / Civil Engg	Nikhil N
Tensile Test on Mild Steel	Strength of material /Building material t	3rd sem / Civil Engg	Nikhil N
Analysis of Contour Maps	Engg Geology	3rd sem / Civil Engg	Pooja Deepak
Analysis of Geological Features like Fault and	Engg Geology	3rd sem / Civil Engg	Pooja Deepak
Identification of Minerals	Engg Geology	3rd sem / Civil Engg	Pooja Deepak
Study of Various Parts of Auto Level	Basic Surveying-Theory	3rd Sem/ Civil Engg	Ms. Deeksha Anand
Carry out Fly levelling using auto level	Basic Surveying-Theory	3rd Sem/ Civil Engg	Ms. Deeksha Anand
Single Span Beams	Computer Aided Building Planning and	3rd sem / Civil Engg	Babitha B
Continuous Beams	Computer Aided Building Planning and	3rd sem / Civil Engg	Babitha B
Trusses	Computer Aided Building Planning and	3rd sem / Civil Engg	Babitha B
Determination of CD in venturimeter	Fluid Mechanics	3rd Sem/ Civil Engg	Saketh Shetty
Determination of hydraulic coefficient in centr	Fluid Mechanics	3rd Sem/ Civil Engg	Saketh Shetty
Determination of losses in pipes	Fluid Mechanics	3rd sem / Civil Engg	Saketh Shetty
Application of Bernolis theorem	Fluid Mechanics	3rd sem / Civil Engg	Saketh Shetty
Application of impact jets	Fluid Mechanics	3rd sem / Civil Engg	Saketh Shetty
Normal Consistency of Cement	Concrete and Highway Material Testing	5th Sem / Civil Engg	Dr. Sangeethna D M
	Softening Point Test on Bitumin	5th Sem / Civil Engg	Dr. Sangeethna D M
Ductility Test on Bitumin	Concrete and Highway Material Testing	5th Sem / Civil Engg	Dr. Sangeethna D M

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Single Span Beam Experiment	Analysis of indeterminate structure	5th sem / Civil Engg	Nikhil N
Portal Frames Experiment	Analysis of indeterminate structure	5th sem / Civil Engg	Nikhil N
Various instruments used in survey	Surveying practice	5th sem / Civil Engg	Pooja Deepak
Setting of perpendicular using crosstaff	Surveying practice	5th sem / Civil Engg	Pooja Deepak
Carry out Fly levelling using auto level	Surveying practice	5th sem / Civil Engg	Pooja Deepak
Continuous Beams	Design of RC Structural Elements	5th sem / Civil Engg	Babitha B
Column Analysis	Design of RC Structural Elements	5th sem / Civil Engg	Babitha B
Ductility Test on Bitumen	Urban Transport Planning	7th sem / Civil Engg	Babitha B
Softening Point Test on Bitumen	Urban Transport Planning	7th sem / Civil Engg	Babitha B
Trusses	Computer Aided Detailing of Structures	7th sem / Civil Engg	Babitha B
Retaining Walls	Computer Aided Detailing of Structures	7th sem / Civil Engg	Babitha B
Continuous Beams	Computer Aided Detailing of Structures	7th sem / Civil Engg	Babitha B
Consolidation Test	Geotechnical Engineering Lab	7th Sem/ Civil Engg	Ms. Deeksha Anand
Direct Shear Test	Geotechnical Engineering Lab	7th Sem/ Civil Engg	Ms. Deeksha Anand
Triaxial Test	Geotechnical Engineering Lab	7th Sem/ Civil Engg	Ms. Deeksha Anand
Ductility Test on Bitumen	Urban Transport Planning	7th sem / Civil Engg	Babitha B
Softening Point Test on Bitumen	Urban Transport Planning	7th sem / Civil Engg	Babitha B
Trusses	Computer Aided Detailing of Structures	7th sem / Civil Engg	Babitha B
Retaining Walls	Computer Aided Detailing of Structures	7th sem / Civil Engg	Babitha B
Continuous Beams	Computer Aided Detailing of Structures	7th sem / Civil Engg	Babitha B
Reynolds experiment for determination of diff	Ground water hydraulics	7th Sem / Civil Engg	Dr. Suman Kundapura
Permeability test / Soil Mechanics	Hydrology and irrigation engineering	7th Sem / Civil Engg	Dr. Suman Kundapura
Determination of Alkalinity in water	Environment Engineering lab	7th sem / Civil Engg	Nithesh
Determination of chloride in water	Environment Engineering lab	7th Sem / Civil Engg	Nithesh
Determination of pH	Environment Engineering lab	7th Sem / Civil Engg	Nithesh


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Institute Coordinator


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Department of Computer Science and Engineering

Vlab Experiments to be used in the academic courses of Academic Year 2021-22- Action Plan

Name of Experiment and Lab in VLab	Name of Lab Course as per Curriculum	No. of Students	Semester & Programme	Name of Course Coordinator
1.Numerical Approximation	C programming Lab-18CPL27		1st sem-CSE	Mr Bassappa B Kodada
2.Functions	C programming Lab-18CPL27		1st sem-CSE	Mr Bassappa B Kodada
3.Factorial	C programming for problem solving-18CPS23		1st sem-CSE	Mrs.Archana S
4.String Operation	C programming for problem solving-18CPS23		1st sem-CSE	Mrs.Archana S
5.Numerical Approximation	C programming Lab-18CPL27		2nd sem-CSE	
6.Functions	C programming Lab-18CPL27		2nd sem-CSE	
7.Factorial	C programming for problem solving-18CPS23		2nd sem-CSE	
8.String Operation	C programming for problem solving-18CPS23		2nd sem-CSE	
9.Binary Search tree	Data structure lab-18CSL38	55	3rd sem-CSE	Mrs. Saranya Babu
10.Stacks and Queues	Data structure lab-18CSL38	55	3rd sem-CSE	Mrs. Saranya Babu
11.Basics of Network Simulation	Computer Network laboratory-18CSL57	64	5th sem-CSE	Mrs Sharon D'souza
12.Simulating a Local Area Network	Computer Network laboratory-18CSL57	64	5th sem-CSE	Mrs Sharon D'souza
13.Points and co-ordinate systems	computer graphics laboratory-18CSL67	64	6th sem-CSE	
14.Transformation Rotations	computer graphics laboratory-18CSL67	64	6th sem-CSE	
15.perception learning	artificial intelligince and machine learning lab-18CSL76	68	7th sem-CSE	Ms Nikhila
16.multilayer feedforward neural network	artificial intelligince and machine learning lab-18CSL77	68	7th sem-CSE	Ms Nikhila
No. of Vlab Workshops/Trainings Conducted :				
Total No. Of Participants covered:				
Name of Department coordinator:		Mrs Archana S		

Department Coordinator

Institute Coordinator

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Vlab Experiments to be used in the Academic courses EVEN Semester 2021-22 - Action Plan

Sl. No	Name of Course as per Curriculum with course code	Name of the VLab	Name of Experiment in VLab	Semester & Programme	Name of Course Instructor	Link
1	Object Oriented Concepts - 18CS45	Object Oriented Programming in C++	Classes and Objects in C++	4th sem-ISE	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs/oops/labs/exp2/index.php
2	Object Oriented Concepts - 18CS45	Object Oriented Programming in C++	Function overloading in C++	4th sem-ISE	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs/oops/labs/exp4/index.php
3	Object Oriented Concepts - 18CS45	Core Java Programming	To understand the inheritance in Java	4th sem-ISE	Mrs. Sharanya P S	https://java-iiitd.vlabs.ac.in/exp/inheritance/
4	Object Oriented Concepts - 18CS45	Core Java Programming	Handling Exceptions in Java	4th sem-ISE	Mrs. Sharanya P S	https://java-iiitd.vlabs.ac.in/exp/exceptions/
5	Data Communication - 18CS46	Computer Networks Lab	Peer to Peer Topology	4th sem-ISE	Mrs. Navya S Rai	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp2/index.php
6	Data Communication - 18CS46	Computer Networks Lab	Star Topology	4th sem-ISE	Mrs. Navya S Rai	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp3/index.php
7	Data Communication - 18CS46	Computer Networks Lab	IPv4 Addressing	4th sem-ISE	Mrs. Navya S Rai	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp4/index.php
8	Web Technology and Applications -18CS63	Introduction to PHP	Association arrays	6th sem-ISE	Mrs.Aruna Kumari G K	http://vlabs.iitb.ac.in/vlabs-dev/labs/phplab/labs/array-associative-pvg/index.html
9	Web Technology and Applications -18CS63	Introduction to PHP	date functions	6th sem-ISE	Mrs.Aruna Kumari G K	http://vlabs.iitb.ac.in/vlabs-dev/labs/phplab/labs/date-function-pvg/index.html
10	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	Data Structures - II	Minimum Spanning Trees-Kruskal's Algorithm	4th sem-ISE	Mrs. Divya	https://ds2-iiitd.vlabs.ac.in/exp/min-spanning-trees/kruskals-algorithm/index.html
11	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	Data Structures - II	Minimum Spanning Trees-Prim's Algorithm	4th sem-ISE	Mrs. Divya	https://ds2-iiitd.vlabs.ac.in/exp/min-spanning-trees/prims-algorithm/index.html
12	DESIGN AND ANALYSIS OF ALGORITHM LABORATORY	Data Structures - II	Path algorithms: Dijkstra's shortest path	4th sem-ISE	Mrs. Divya	https://ds2-iiitd.vlabs.ac.in/exp/dijkstra-algorithm/index.html

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Virtual Experiments to be used in the Academic courses ODD Semester 2021-22 - Action Plan

Sl. No	Name of Course as per Curriculum with course code	Name of the VLab	Name of Experiment in VLab	Semester & Programme	Name of Course Coordinator	Link
1	Analog and Digital Electronics (18CS33)	BASIC ELECTRONICS VIRTUAL LABORATORY	VI characteristic of the diode	ISE - 3rd semester	Mr Rakesh M R	http://vlabs.iitkgp.ac.in/be/exp5/index.html
2	Analog and Digital Electronics Lab (18CSL37)	BASIC ELECTRONICS VIRTUAL LABORATORY	Study of basic properties of operational amplifier	ISE - 3rd semester	Mr Rakesh M R	http://vlabs.iitkgp.ac.in/be/exp17/index.html
3	Analog and Digital Electronics Lab (18CSL37)	Digital Electronics VIRTUAL LABORATORY	Verification and interpretation of truth table for AND, OR, NOT, NAND, NOR, Ex-OR, Ex-NOR gates	ISE - 3rd semester	Mr Rakesh M R	https://de-iitr.vlabs.ac.in/exp/truth-table-gates/
4	Analog and Digital Electronics Lab (18CSL37)	Digital Electronics VIRTUAL LABORATORY	Design and verify the 4- Bit Synchronous or Asynchronous Counter using JK Flip Flop	ISE - 3rd semester	Mr Rakesh M R	https://de-iitr.vlabs.ac.in/exp/4bit-synchronous-asynchronous-counter/
5	Analog and Digital Electronics (18CS33)	Digital Electronics VIRTUAL LABORATORY	Verify Binary to Gray and Gray to Binary conversion using NAND gates only.	ISE - 3rd semester	Mr Rakesh M R	https://de-iitr.vlabs.ac.in/exp/binary-conversion/
6	Software Engineering(18CS35)	Software Engineering lab	Modelling UML use case diagrams and capturing	ISE - 3rd semester	Mrs Vineetha Pais	
7	Computer Networks (18CS45)	Computer Networks Lab	Peer to Peer Topology	ISE - 5th semester	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp11.php
8	Computer Networks (18CS45)	Computer Networks Lab	IPv4 Addressing	ISE - 5th semester	Mrs. Sharanya P S	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/computer-networks/labs/exp4/index.php
9	Data Structures and its Applications (18CS32)	Data Structures – 1	Bubble Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
10	Data Structures and its Applications (18CS32)	Data Structures – 1	Merge Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
11	Data Structures and its Applications (18CS32)	Data Structures – 1	Heap Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
12	Data Structures and its Applications (18CS32)	Data Structures – 1	Quick Sort	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
13	Data Structures Laboratory(18CSL38)	Data Structures – 1	Depth First Search	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
14	Data Structures Laboratory(18CSL38)	Data Structures – 1	Breadth First Search	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
15	Data Structures and its Applications (18CS32)	Data Structures – 1	Tree Traversal	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
16	Data Structures Laboratory(18CSL38)	Data Structures – 1	Binary Search Trees	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
17	Data Structures and its Applications (18CS32)	Data Structures – 1	Stacks and Queues	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
18	Data Structures Laboratory(18CSL38)	Data Structures – 1	Infix to Postfix	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
19	Data Structures and its Applications (18CS32)	Data Structures – 1	Unsorted Arrays	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
20	Data Structures and its Applications (18CS32)	Data Structures – 1	Hashables	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
21	Data Structures and its Applications (18CS32)	Data Structures – 1	Polynomial Arithmetic using linked lists	ISE - 3rd semester	Mr John Prakash Veigas	https://ds1-iitb.vlabs.ac.in/data-structures-1/List%20of%20experiments.html
22	Data Structures Laboratory(18CSL38)	Data Structures – 2	KMP Algorithm	ISE - 3rd semester	Mr John Prakash Veigas	https://ds2-iitb.vlabs.ac.in/exp/kmp-algorithm/index.html

Name of Department coordinator: Mr Rakesh M R

Department coordinator



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Department of Electronics and Communication Engineering

Vlab Experiments used in the academic courses academic year 2021-22

Name of Experiment and Lab in VLab	Name of Lab Course as per Curriculum	No. of Students	Semester & Programme	Name of Course Coordinator
Image Arithmetic, Digital image processing	Digital Image procesing	48	VII	Dr. Gnane Swarnadh Satapathi
Image histogram, Digital Image processing	Digital Image procesing	48	VII	Dr. Gnane Swarnadh Satapathi
Distance and Connectivity, Digital image Processing	Digital Image procesing	48	VII	Dr. Gnane Swarnadh Satapathi
Morphological Operations, Digital Image Processing	Digital Image procesing	48	VII	Dr. Gnane Swarnadh Satapathi
Sampling Theorem, Digital Signal Processing	Digital Signal Processing	62	V	Mr. Prakash K Shetty
Quantization, Digital Signal Processing	Digital Signal Processing	62	V	Mr. Prakash K Shetty
Discrete Fourier Transform, Digital Signal Processing	Digital Signal Processing	62	V	Mr. Prakash K Shetty
Verification of Basic Gates, Digital System Design	Digital Electronics LAB	35	III	Mr. Mohan AR
Adders and subtractors (Half and Full), Digital System Design	Digital Electronics LAB	35	III	Mr. Mohan AR
Flipflops, Digital System Design	Digital Electronics LAB	35	III	Mr. Mohan AR
Half Wave rectifier	Electronic Devices & Instrumentation lab	35	III	Mrs. Sahana A
Full Wave rectifier	Electronic Devices & Instrumentation lab	35	III	Mrs. Sahana A
Series voltage regulator characteristics	Electronic Devices & Instrumentation lab	35	III	Mrs. Sahana A



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Department of Mechanical Engineering

Vlab Experiments used in the academic courses in 2021-22

Name of Experiment and Lab in VLab	Name of Lab Course as per Curriculum	Semester & Programme	Name of Course Coordinator
To determine the energy losses in pipe flow	Fluid Machinery	V	Karthik A. V
To measure the volumetric flow rate of fluids.	Fluid Machinery	V	Karthik A. V
Balancing of Multiple Mass in Single Plane	Dynamics Of Machines	V	Mr Sudheer Kini K
Proell Governor	Dynamics Of Machines	V	Mr Sudheer Kini K
Porter Governor	Dynamics Of Machines	V	Mr Sudheer Kini K
Hartnell Governor	Dynamics Of Machines	V	Mr Sudheer Kini K
Free vibration of cantilever beam	Dynamics Of Machines	V	Mr Sudheer Kini K
Dynamic Analysis of Four Bar Mechanism	Dynamics Of Machines	V	Mr Sudheer Kini K
Balancing of Multiple Mass in Multiple Plane	Dynamics Of Machines	V	Mr Sudheer Kini K
Proell Governor	Design Lab	VII	Mr Sudheer Kini K
Porter Governor	Design Lab	VII	Mr Sudheer Kini K
Hartnell Governor	Design Lab	VII	Mr Sudheer Kini K
Balancing of Multiple Mass in Multiple Plane	Design Lab	VII	Mr Sudheer Kini K
Cavitation of Centrifugal Pump Rotating Machinery	Fluid Mechanics Lab	V	Dr. Vighnesha Nayak
PV Diagram of a SI Engine	Energy Conversion Lab	VII	Mr. Prakhyath
Load Test on a SI Engine	Energy Conversion Lab	VII	Mr. Prakhyath
Mechanical Efficiency of a SI Engine	Energy Conversion Lab	VII	Mr. Prakhyath
Metal Forming Virtual Simulation Lab	Metal cutting and Forming	III	Karthik A. V
Izod Impact Test	Material Testing Lab	IV	Mr. Sunil Kumar S
Charpy Impact Test	Material Testing Lab	IV	Mr. Sunil Kumar S

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Direct Shear Test on Mild Steel Rod	Material Testing Lab	IV	Mr. Sunil Kumar S
Oldham Coupling Mechanism	Kinematics of Machines	IV	Mr. Prasa B G
A quick return mechanism	Kinematics of Machines	IV	Mr. Prasa B G
CAM follower mechanism	Kinematics of Machines	IV	Mr. Prasa B G
No. of Vlab Workshops/Trainings Conducted :			
Total No. Of Participants covered			
Name of Department coordinator			


Department Coordinator


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Vlab Experiments used in the academic courses academic year 2021-2022

Name of Experiment and Lab in VLab	Name of Lab Course as per Curriculum	No. of Students	Semester & Programme	Name of Course Coordinator
1.Zener diode charecteristics.	Engineering Physics lab		1st Sem ,BE	Dr. Sujaya C, Dr. Sdananda Kumar. N,Dr. Rithin Kumar N B
2.Charecteristics of a thermistor				
3.Photoelectric effect				
4.B-H CURVE				
1. Half Wave Rectification	Basic Electronics		1st Sem ,BE	Mrs. Pratheksha Rai N
2. Full Wave Rectification				
Study of basic properties of Operational Amplifier: Inverting and Non-Inverting Amplif				
1. Sigle span beams	lements of Civil Engineering and Mechanic		1st Sem ,BE	Prof. Vinod T D'Souza, Mrs. Deeksha Anand, Dr. Sangeetha D.M
2.Trusses				
1. Flame photometer	Engineering Chemistry lab		1st Sem ,BE	Dr. Kishore Shetty,Dr. Shobhitha Shetty,Mrs. Prafulla KR
2. Preparation of Sol				
3. Preparation of Gel				
1. Structures	Computer programming lab		1st Sem ,BE	Mr.Bassappa B Kodada, Mrs.Archana S
2. Pointers				
3. Recurssion				
4.Searching and sorting				
1.Business Communication	Communicative English		1st Sem ,BE	Ms Sheela Monteiro
2.Common Errors in English			1st Sem ,BE	
3.Communication Skills			1st Sem ,BE	
4.Grammar			1st Sem ,BE	
5.Technical Communication			1st Sem ,BE	
6.Vocabulary			1st Sem ,BE	
7.Reading and Comprehension			1st Sem ,BE	
8.Listening Skills			1st Sem ,BE	


Department Coordinator


Institution Coordinator


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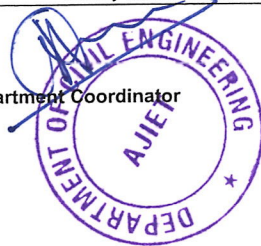
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Department of Civil Engineering

Virtual Lab Experiments Conducted in the academic courses Odd Semester 2021-22

Name of Experiment in VLab	Name of Lab in VLab	Name of Lab/Theory Course as per Curriculum	No. of Students	Date of conduction	Semester & Programme	Name of Course Coordinator
Coefficient of permeability	Soil Mechanics	Basic Geotechnical Engineering	45	17-11-2021	5 / BE	Prof. Vinod T Dsouza
Undrained Triaxial Test	Soil Mechanics	Basic Geotechnical Engineering	45	17-11-2021	5 / BE	Prof. Vinod T Dsouza
Compression Test on Mild Steel	Strength of material	Strength of material /Building material testing lab	24	9-12-2021	3 / BE	Nikhil N
Tensile Test on Mild Steel	Strength of material	Strength of material /Building material testing lab	24	9-12-2021	3 / BE	Nikhil N
continuous Span Beam Experiment	Basic structural lab	Analysis of indeterminate structure	45	8-11-2021	5 / BE	Nikhil N
Identification of minerals	Mining Geology Lab	Engineering Geology	24	12-11-2021	3 / BE	Ms. Pooja D
Various instrumrnts used in survey	Surveying Lab	Surveying Lab	45	18-11-2021	5 / BE	Ms. Pooja D
Levelling of cross staff using cross staff	Surveying Lab	Surveying Lab	45	18-11-2021	5 / BE	Ms. Pooja D
Auto level	Surveying Lab	Surveying Lab	45	19-11-2021	5 / BE	Ms. Pooja D
Continuous Beams Experiment	Basic Structural Analysis Lab	Design of RC Structural Elements	45	15-12-2021	5 / BE	Babitha B
Column Analysis Experiment	Basic Structural Analysis Lab	Design of RC Structural Elements	45	15-12-2021	5 / BE	Babitha B
Growth Factor Distribution Models	Urban Transportation Systems Planning Lab	Urban Transport Planning	25	10-12-2021	7 / BE	Babitha B
Mode Split	Urban Transportation Systems Planning Lab	Urban Transport Planning	25	10-12-2021	7 / BE	Babitha B
Retaining Walls	Basic Structural Analysis Lab	Computer Aided Detailing of Structures	26	30-12-2021	7 / BE	Babitha B
Continuous Beams	Basic Structural Analysis Lab	Computer Aided Detailing of Structures	26	30-12-2021	7 / BE	Babitha B
Reynolds experiment for determination of different regimes of flow/ Hydraulics and fluid mechanics	Hydraulics and fluid mechanics Lab	Ground water hydraulics	25	30-12-2021	7 / BE	Dr. Suman Kundapura
Permeability test / Soil Mechanics	Soil Mechanics Lab	Hydrology and irrigation engineering	25	30-12-2021	7 / BE	Dr. Suman Kundapura
Study of Various Parts of Auto Level	Surveying Lab	Basic surveying	25	29-12-2021	3rd/BE	Ms. Deeksha Anand
Carry out Fly levelling using auto level	Surveying Lab	Basic surveying	24	29-12-2021	3rd/BE	Ms. Deeksha Anand
Determination of Alkalinity in water	Environment Engineering lab	Environment Engineering lab	4	30/1/2022	7/BE	Mr. Nitesh
Determination of chloride in water	Environment Engineering lab	Environment Engineering lab	3	2/2/2022	7/BE	Mr. Nitesh
Determination of pH	Environment Engineering lab	Environment Engineering lab	4	3/2/2022	7/BE	Mr. Nitesh
Consolidation Test	Soil Mechanics Lab	Geotechnical Engineering Lab	25	9-12-2021	7 / BE	Ms. Deeksha Anand
Direct Shear Test	Soil Mechanics Lab	Geotechnical Engineering Lab	26	20-11-2021	7 / BE	Ms. Deeksha Anand
Triaxial Test	Soil Mechanics Lab	Geotechnical Engineering Lab	26	27-11-2021	7 / BE	Ms. Deeksha Anand
Application of Bernolis theorem	Fluid Mechanics	3rd sem / Civil Engg	21	10-12-2021	3/BE	Mr.Saketh Shetty
Application of impact jets	Fluid Mechanics	3rd sem / Civil Engg	24	30-12-2021	3/BE	Mr.Saketh Shetty
Normal Consistency of Cement	Marine Structures	Concrete and Highway Material Testing Lab	45	9-12-2021	5 / BE	Dr. Sangeetha D M
Specific Gravity of Cement	Marine Structures	Concrete and Highway Material Testing Lab	52	20-11-2021	5 / BE	Dr. Sangeetha D M
Ductility Test on Bitumin	Transportation Engineering	Concrete and Highway Material Testing Lab	48	27-11-2021	5 / BE	Dr. Sangeetha D M

Department Coordinator



Institute Coordinator

[Signature]

Principal
A.J. Institute of Engineering & Technology
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Vlab Experiments to be used in the Academic courses ODD Semester 2021-22 - Conduction Details

Sl No	Name of Experiment	Name of the Vlab	Name of Course as per Curriculum	No. of Students	Semester & Programme	DATE	Name of Course Instructor
1	ER Diagram	Software Engineering Lab	DBMS Lab with Mini project	62	5th ISE	20/01/ 2022	Mrs. Aruna Kumari G K
2	Representation of Integers and their Arithmetic	Computer Systems Organization Lab	Computer Organization	56	3rd SEM ISE	27/01/ 2022	Mrs. Aruna Kumari G K
3	Floating Point Numbers Representation	Computer Systems Organization Lab	Computer Organization	56	3rd SEM ISE	04/02/ 2022	Mrs. Aruna Kumari G K
4	Perceptron Learning	Artificial Neural Networks	Artificial Intelligence And Machine Learning	57	7th Sem ISE	01-02-2022	Mr John Prakash Veigas
5	Multilayer Feedforward Neural Networks	Artificial Neural Networks	Artificial Intelligence And Machine Learning	57	7th Sem ISE	31-01-2022	Mr John Prakash Veigas
6	Bubble sort	Data Structures – 1	Data Structures Lab(18CSL38)	56	3rd Sem ISE	16/12/2021	Mr John Prakash Veigas
7	Merge Sort	Data Structures – 1	Data Structures Lab(18CSL38)	56	3rd Sem ISE	22/12/2021	Mr John Prakash Veigas
8	VI characterstic of the diode	Basic Electronics	Analog and Digital Electronics (18CS33)	56	3rd Sem ISE	13/02/2022	Mr Rakesh M R
9	Verification and interpretation of truth table for AND, OR, NOT, NAND, NOR, Ex-OR, Ex-NOR gates	Digital Electronics IITR	Analog and Digital Electronics Lab (18CSL37)	56	3rd Sem ISE	22/02/2022	Mr Rakesh M R
10	Verify Binary to Gray and Gray to Binary conversion using NAND gates only.	Digital Electronics IITR	Analog and Digital Electronics Lab (18CSL37)	56	3rd Sem ISE	22/02/2022	Mr Rakesh M R
11	To Study and Verify Half and Full Subtractor	Digital Electronics IITR	Analog and Digital Electronics (18CS33)	56	3rd Sem ISE	22/02/2022	Mr Rakesh M R
12	Basics of Network Simulation	Advanced Network Technology Virtual Lab	Computer Networks Laboratory	62	5th Sem ISE	16/01/2022	Mrs.Navya S Rai
13	Simulating a Local Area Network	Advanced Network Technology Virtual Lab	Computer Networks Laboratory	62	5th Sem ISE	16/01/2022	Mrs.Navya S Rai

Department coordinator



Institute Coordinator

Prakash

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Department of Mechanical Engineering

Virtual Lab Experiments Conducted in the academic courses Odd Semester 2021 -22

Name of the Experiment in VLab	Name of the Lab in VLab	Name of Lab/ Theory Course as per Curriculum	No. of Students	Semester & Programme	Date of Conduction	Name of Course Instructor
Cavitation of Centrifugal Pump	Rotating Machinery Fault Simulation	Turbomachines (18ME54)	45	5th, Mechanical Engineering	27-01-2022	Dr. Vighnesha Nayak
Dynamics analysis of Four bar mechanism	Dynamics of Machine Lab	Dynamics of Machines (18ME53)	45	5th, Mechanical Engineering	27-01-2022	Mr. Sudheer Kini
Porter Governor	Dynamics of Machine Lab	Dynamics of Machines (18ME53)	45	5th, Mechanical Engineering	27-01-2022	
Hartnell Governor	Dynamics of Machine Lab	Dynamics of Machines (18ME53)	45	5th, Mechanical Engineering	27-01-2022	
Simulation of Stereolithography Process	3D Printing Virtual Simulation Lab	Computer Aided Design Manufacturing (18ME72)	30	7th, Mechanical Engineering	31-12-2021	Mr. Harold D'Souza
Porter Governor	Dynamics of Machine Lab	Design Lab (18MEL77)	30	7th, Mechanical Engineering	31-12-2021	Mr. Sudheer Kini
Hartnell Governor	Dynamics of Machine Lab	Design Lab (18MEL77)	30	7th, Mechanical Engineering	31-12-2021	Mr. Sudheer Kini

Name of Department coordinator : Mr Harold Joyson DSouza


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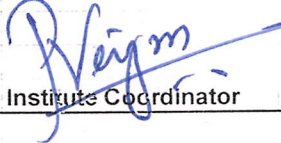
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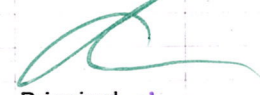
NH 66, Kottara Chowki, Mangaluru 575006

Vlab Experiments Conducted in the academic courses Odd Semester 2021-22

Name of Experiment and Lab in VLab	Name of Lab in VLab	Name of Lab Course as per Curriculum	No. of Students	Semester & Programme	Date of Conduction	Name of Course Instructor
1. Flame photometer	Chemistry Lab	Engineering Chemistry Lab - 21CHEL16	80	I/UG	08/03/2022	Dr Shobhitha Shetty
2. Preparation of Sol						Mrs Prafulla KR
3. Preparation of Gel						


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