



Report on Virtual Lab Workshop

Organized by: Gujarat Technological University – School of Engineering and Technology (GTU-SET)

Coordinator: Dr. Dipak Dabhi, Assistant Professor, GTU-SET

Date: 23rd July 2025 (11:00 AM to 1:00 PM)

Venue: Aryabhata Hall (Room No. 302), GTU-SET Campus

The **School of Engineering and Technology**, Gujarat Technological University (GTU-SET), successfully organized a workshop on “**Virtual Labs**” on **23rd July 2025**. The workshop was conducted in collaboration with the **Indian Institute of Technology (IIT) Delhi**, under the esteemed initiative of the **Ministry of Education – National Mission on Education through ICT (NMEICT)**, and in association with **ISTE**.

It is a matter of pride that **GTU-SET is recognized as a Nodal Center for Virtual Labs**, furthering its commitment to the integration of innovative, ICT-based learning tools in technical education.

The workshop aimed to introduce and promote the use of **Virtual Labs** in engineering education, enabling students and faculty to conduct experiments remotely and enhance their conceptual understanding through simulation-based learning.

The session was led by two distinguished experts from IIT Delhi:

- **Mr. Shivam Yadav**, Senior Engineer – Virtual Labs, IIT Delhi
- **Mr. Jassi Prasad**, Senior Trainer – Virtual Labs, IIT Delhi

They provided in-depth insights into the concept, structure, and implementation of Virtual Labs, along with live demonstrations and practical guidance on its academic applications.

Participation Highlights:

- A total of **81 students** from **B.E. Computer Engineering** and **Electronics & Communication Engineering** actively participated in the session.
- **Faculty members** from GTU-SET also attended and interacted during the workshop.



  **GUJARAT TECHNOLOGICAL UNIVERSITY**
SCHOOL OF ENGINEERING AND TECHNOLOGY
 

Organizes A Workshop on
"Virtual Labs"
Conducted by
Indian Institute of Technology (IIT) Delhi
An initiative of the Ministry of Education under
National Mission on Education through ICT
In association with ISTE

Date
23rd July 2025

Venue : Aryabhatt Hall
(Room No. 302), GTU-SET Campus



The event concluded with an engaging Q&A session and received positive feedback from all participants. GTU-SET expresses sincere appreciation to the Virtual Labs Team, IIT Delhi, for their valuable contribution to the academic development of students and faculty.

The submitted report to Virtual Labs, along with the attendance sheet, is attached below.



Virtual Labs Workshop Student Attendance Form

Institute Name: GTU - School of Engg. & Technology, Ahmedabad

Date: 23/07/2025

Sl No.	Name	Branch	Email ID
1	Prajapati Surabhi	ME-AIDS	prajapatisurabhipankajbhai@gmail.com
2	Bansari Daxi	BE-CE	bansaridaxi05@gmail.com
3	Dhruvi Chavada	BE-CE	kirankchavada@gmail.com
4	Ratul Mohony Nil	BE-EC	mohonynil002@gmail.com
5	MARIYA TAHER FAKIH	BE-EC	fakihmariya@gmail.com
6	Prabha Santoshkumar Dubey	BE-EC	prabhadubey299@gmail.com
7	Mahi Vohera	BE-EC	mahivohera@gmail.com
8	Deerish Dobariya	BE-EC	dearshdobariya4@gmail.com
9	Rangani Jenish	BE-CE	jenishrangani06@gmail.com
10	Chavda Dhruvi	BE-CE	dhruviachin248@gmail.com
11	Gohil Jahnavi	BE-CE	jahnavi.gohil2024@gmail.com
12	Vogha Gangjee	BE-CE	gangjeevogha192@gmail.com
13	Kaishav Praetapati	BE-CE	kaishavpraetapati012@gmail.com
14	Purva L. Vaghela	BE-CE	vaghelapurva04@gmail.com
15	Krishna Gohil	BE-CE	krishnagohil807@gmail.com
16	Disha Goswami	BE-CE	dishagoswami153@gmail.com
17	Drushti Senjuliya	BE-CE	drushtisenjuliya12@gmail.com
18	Nandani Jaiswal	BE-CE	nandanijaiswal962@gmail.com
19	Patel Samjima	BE-CE	samjimapatel8877@gmail.com
20	Gaur Khushi Vinodkumar	BE-CE	khushigaur1204@gmail.com
21	Gajjar Priya Devendra	BE-CE	priyagajjar372006@gmail.com
22	Patel Sneha D.	BE-CE	sneha96.54xat@gmail.com
23	Shivani Munjani	BE-CE	munjanishivani298@gmail.com
24	Patel Priya P.	BE-CE	Priya-Patel2338319@gmail.com
25	Thummar Vaibhavi J.	BE-CE	thummarvaibhaviben@gmail.com
26	Rajput Dhvani R.	BE-CE	rajputdhvani24@gmail.com
27	Bhatt Dhvani Kamleshbhai	BE-CE	dhvanibhatt1004@gmail.com
28	Desai Riddhi D.	BE-CE	riddhidesai948@gmail.com
29	Agrawal Mahak	BE-CE	mahakagar27@gmail.com
30	Badi Reza H.	BE-CE	rezabadi31@gmail.com
31	Patel Suchi D.	BE-EC	suchichaudhary2925@gmail.com
32	Patel Shreya D.	BE-CE	shreyadpatel21@gmail.com

23/07/25
Executive Trainer

Signature & Stamp of Head of Institution





Virtual Labs Workshop Student Attendance Form

Institute Name: KTU - School of Engineering & Technology, Ahmedabad.

Date: 27/07/2025

Sl No.	Name	Branch	Email ID
1	Khushi Patel	BE-EC	khushiPatel27814@gmail.com
2	Tushit Parmar	BE-CE	tushit109@gmail.com
3	Vagun Kushwaha	BE-CE	vagunkushwaha@gmail.com
4	Ahmad Dangarwala	BE-CE	ahaddangarwala@gmail.com
5	Jain Harshit S.	BE-CE	jainharshit24072@gmail.com
6	Mahavanshi Nilunj	BE-CE	mahavanshinilunj555@gmail.com
7	Patel Pul Bhavabhui	BE-CE	PulPatel7002@gmail.com
8	Patel Munn Bhuvashbhai	BE-CE	munnpatel4100@gmail.com
9	Nil Bhupendra Bhui Parakh	BE-CE	nilparakh122@gmail.com
10	Vedant Chauhan	BE-CE	vedantchauhan002@gmail.com
11	Raj Ribadiya	BE-CE	rajr127655@gmail.com
12	Krish Prajapati	BE-CE	krisprajapati0506@gmail.com
13	Roshan Sankhut	BE-CE	roshansankhut370@gmail.com
14	Surbhi Rupapara	BE-CE	Surbhirupapara@gmail.com
15	Heli Punsuriya	BE-CE	punsuriyaheli@gmail.com
16	Manusvee Patel	BE-CE	patel manusvee@gmail.com
17	Vishwesh Panchal	BE-CE	vishweshpanchal1708@gmail.com
18	Divy Patel	BE-CE	pateldivydivy@gmail.com
19	Patel Harshkumar S.	BE-EC	harshpatel05072005@gmail.com
20	Zala Vishmayaj	BE-CE	zala_vishmayaj@gmail.com
21	PATEL LAV	BE-EC	LAV.S.PATEL14@gmail.com
22	Anrodit Bhattacharjee	BE-EC	anroditb.2005@gmail.com
23	Krish Panchal	BE-CE	Krishpanchal0911@gmail.com
24	Desai Khush S.	BE-CE	Khushdesai2006@gmail.com
25	Yug Patel	BE-CE	samyug25@gmail.com
26	Pathan Shahad	BE-CE	ShahadPathan2097@gmail.com
27	Smrit Parmar	BE-CE	smritParmar2826@gmail.com
28	Rathod Het S.	BE-CE	hetrathod.007@gmail.com
29	Min Thet Tun	BE-CE	minthatt964@gmail.com
30	ALIVU GAMBO ABUBAKAR	BE-CE	alivugamboabakar100@gmail.com
31	Zelalem Markos Dado	BE-CE	zelalemmarkos59@gmail.com
32	Tonoy Chakraborty	BE-CE	Chakrabortytonoy@gmail.com

23/07/25
Executive Trainer

Signature & Stamp of Head of Institution





Virtual Labs Workshop Student Attendance Form

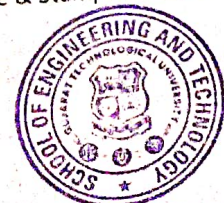
Institute Name: RTU - School of Engineering & Technology, Ahmedabad

Date: 23/07/2025

Sl No.	Name	Branch	Email ID
1	Niloy Kishor Roy	BE-EC	nkroy059@gmail.com
2	Vivek Yadav	BE-CE	vy464063@gmail.com
3	Slok Rami	BE-CE	231370107058@gtu.edu.in
4	Bhargav Dave	"	bhargavhdave30@gmail.com
5	Anuj Dhomeja	"	231370107004@gtu.edu.in
6	Rushi Bhatt	"	rushibhatt91@gmail.com
7	Harshil Trivedi	BE-CE	Harshil.trivedi.218@gmail.com
8	Muneer Khaled Abdullah	BE-CE	241370107077
9	Jeet Parmar	BE-CE	Jeet Parmar 251106@gmail.com
10	Patel Mahir Manojkumar	BE-EC	mahir230507@gmail.com
11	Bhavsax Nisarg Pradipkumar	BE-EC	niceday201718@gmail.com
12	Patel Dhanit S.	BE-CE	231370107045@gtu.edu.in
13	Shivum Purmur	BE-CE	shivum 231370107043@gtu.edu.in
14	Moksh Patel	BE-CE	231370107048@gtu.edu.in
15	Dev Patel	BE-CE	231370107044@gtu.edu.in
16	Pragya Dube	BE-CE	231370107052@gtu.edu.in
17	Parmar Devansh H.	BE-EC	devansh Parmar 2407@gmail.com
18			
19	Bhavik Sir	faculty	cp-bhavik@gtu.edu.in
20	Anamika Mittal	"	cp-anamika@gtu.edu.in
21	Sanjiv Shukla	"	cp-Sanjiv@gtu.edu.in
22	Sushil Dandia	research scholar	
23	Dikshu Dubhi	faculty	cp-dikshu-dubhi@gtu.edu.in
24			
25			
26			
27			
28			
29			
30			
31			
32			

23/07/25
Executive Trainer

Signature & Stamp of Head of Institution






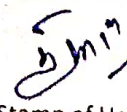
Virtual Labs Workshop Faculty Attendance Form

Institute Name: GTU - SET, Ahmedabad

Date: 23/07/2025

Sl No.	Name	Branch	Email ID
1	Bhuvdip Sis	Faculty	GP-bhuvdin@gtu.edu.in
2	Anamika Mittal	"	GP-anamika@gtu.edu.in
3	Sanjeev Sakya	"	GP-sanjeev@gtu.edu.in
4	Sushil Danyia	"	-
5	Dipak Dubhi	"	GP-dipak.dubhi@gtu.edu.in
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			


Executive Trainer 23/07/25


Signature & Stamp of Head of Institution





WORKSHOP REPORT - 2025

NCID | Nodal Centre: Gujarat Technological University School of Engineering & Technology, Ahmedabad

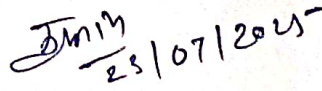
Workshop Date: 23 / July / 2025

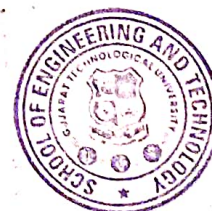
Time	Discipline	Labs / Experiments Demonstrated	No. of Students	No. of Faculty Members
11:00 A.M.	EE/ECE	<ul style="list-style-type: none">Electrical Measurements Lab (New)Basic Electrical Science Lab (New)Electrical Machines LabAnalog and Digital Electronics LabII(New)Basic Electronics Lab	81	05
01:00 P.M.	CSE	<ul style="list-style-type: none">Problem Solving LabComputer Programming LabData Structures – IArtificial Intelligence I Lab (New)Computer Graphics Lab (New)		
TOTAL			81	05

Total Usage= (No. of Participants x No. of Experiments Performed)

$$= (86 \times 10) = 860$$


Nodal Coordinator


Head of Institute / Principal
Signature & Stamp



* NOTE: The following documents are to be submitted along with the workshop report

1. Attendance Sheet
2. Two photographs, one of the sessions and one of the workshop notifications (poster/banner/flyer etc.)
3. Send the duly signed SCANNED COPY of the report to the Virtual Labs team.
4. Keep the HARD COPY with you in a Virtual Labs file for the record.



Virtual Labs

An Initiative of the Ministry of Education
Under the National Mission on Education through ICT



An MoE Govt of India Initiative



Wireless Research Lab, Bharti School of Telecom

Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016. Tel: 011-26582050

www.vlab.co.in

Ref. No.: **VLABS/IITD/NCS/2861**

To,
The Director,
Gujarat Technological University School of Engineering and Technology,
Ahmedabad, Gujarat

Sub: Virtual Labs Nodal Center

With reference to your Expression of Interest (EOI) submitted on 04th February, 2025 for Virtual Labs, it gives me immense pleasure to designate your Institute as a Nodal Center for Virtual Labs. As nominated by you, **Dr. Dipak Dabhi** has been accepted to act as the Institute Nodal Coordinator (INC) from your Institute. This approval letter is valid up to 31st December, 2025. Subject to the following Terms and Conditions and any subsequent directives as issued by MoE from time to time:

1. Approved status of AICTE/STEB/UGC is mandatory for your Institute.
2. The Institute should have a valid AISHE and AICTE Code or UGC Approval Number.
3. The necessary infrastructure (space having personal computers with 1 Mbps broadband internet connectivity) is to be maintained at your own cost for Virtual Labs.
4. Students should not be charged any extra fee for providing a Virtual Labs facility for their usage.
5. Nodal centers will get operational and technical support.
6. Nodal centers should submit the Monthly Virtual Labs Usage Report.
7. Strict adherence to the standard lab procedures and cyber security laws must be followed.
8. Any violation of the above will automatically cancel your institute's Nodal Centre status without giving any notice.

Kindly acknowledge the receipt of this letter and the acceptance of the Terms & Conditions mentioned above. We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community.

Wish you all the best!

Thank You.

Sincerely,

Prof. Suresh Bhalla
Project Virtual Labs
IIT Delhi
sbhalla@civil.iitd.ac.in