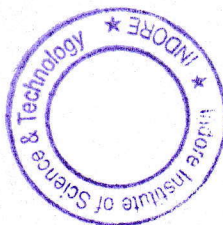


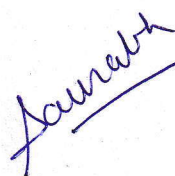
DATE: 06/11/2017

Approval Letter

Indore Institute of Science and Technology, Indore, being Nodal Center of Virtual Labs of IIT Indore, and Virtual Labs is an initiative of Ministry of Human Resource Development (MHRD), Govt of India (GOI) under the National mission on Education through ICT (NMEICT).

Engineering Science and Humanities department, IIST is interested to organize one-day awareness program on “virtual lab” for first year students on 8 Nov 2017.
Kindly approve for organizing the program in the institute.




Faculty Coordinator
Dr. Saurabh Jain

Date: 07.11.2017

NOTICE

As we all know that IIT Delhi has designated Indore Institute of Science and Technology as the nodal center for their Virtual Labs. All the first year students are informed that they have to compulsory attend the one-day awareness program on virtual lab on 8 Nov 2017.


Principal

C.C.to:-

1. All Faculty & Staff
2. All students
3. Admin Office
4. Office Record



Event Report

Academic Year: **2017-18**

Session: **July- Dec 17 (Odd)**

Name of Event: **Expert Lecture**

Date of Event: **8th November 2017**

Topic: **"Awareness program on Virtual Lab"**

Organizing Dept.: **ESH**, Event Coordinator: **Dr. Saurabh Jain**

Name of Expert/Guest: **Dr. Saurabh Jain** Institute / Company: **IIST-Indore**

Designation: **Asst. Professor**

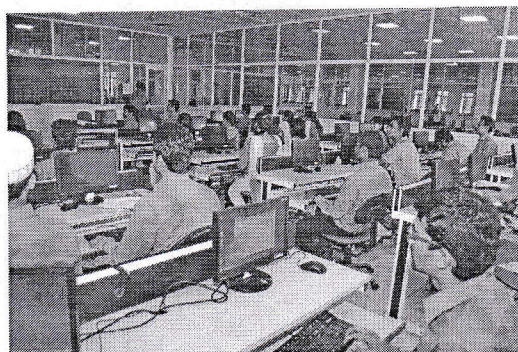
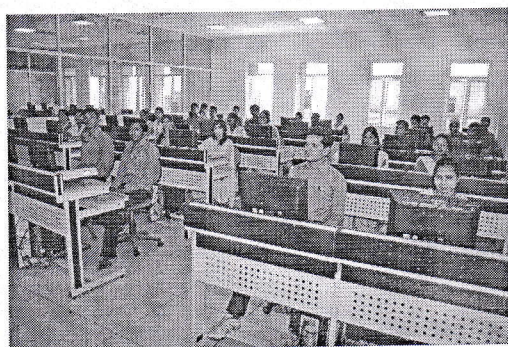
Department: **ESH**

Contact No.: 9770909539

Details of Participants:

No. of Institutes Participated	No. of students	Department	No. of Industry Representative	Remark if any
IIST	115	CSE/IT/EC/ME/CM/CE	NIL	

Dr. Saurabh Jain-Coordinator, Virtual Lab, IIST Indore conducted one-day Awareness session on **"Virtual Labs"** on November 8, 2017 in association with IIT Delhi. There are a total of 115 students from 1st year all branches. He introduced the features and usefulness of Virtual labs. He briefed that, students how to enhance the practical knowledge through the remote-access to Labs in various disciplines of Science and Engineering. He also demonstrates few experiments of Physical science, Electronics and communication, Electrical, Civil engineering labs to the students. The main objective of the demonstration was to make students understand the basic principal of components of practical's instruments through Virtual Labs. All the students enjoyed learning concepts of the virtual labs, after the session they able to perform various practical through virtual lab platform.



Students performing virtual lab experiments.

Event Coordinator

Dr. Saurabh Jain

Saurabh



Principal

B. Singh

DATE: 04/03/2019

Approval Letter

Indore Institute of Science and Technology, Indore, being Nodal Center of Virtual Labs of IIT Indore, and Virtual Labs is an initiative of Ministry of Human Resource Development (MHRD), Govt of India (GOI) under the National mission on Education through ICT (NMEICT).

Engineering Science and Humanities department, IIST is interested to organize one-day awareness program on “**virtual lab**” for first year students on 07 March 2019. Kindly approve for organizing the program in the institute. Mr. Prateek Sharma, Mentor, Virtual Lab, IIT Delhi will be expert for the same.

V.K. Nair

Saurabh

Faculty Coordinator
Dr. Saurabh Jain



Date: 06.03.2019

NOTICE

As we all know that IIT Delhi has designated Indore Institute of Science and Technology as the nodal center for their Virtual Labs. All the first year students are informed that they have to compulsory attend the one-day awareness program on virtual lab on 07 March 2019. Name of the speaker Mr. Prateek Sharma, Mentor, Virtual Lab, IIT Delhi.

V. R. Nair
Principal



C.C.to:-

1. All Faculty & Staff
2. All students
3. Admin Office
4. Office Record

Event Report

Academic Year: **2018-19**

Session: **Jan- June 19 (even)**

Name of Event: **Expert Lecture**

Date of Event: **7th March 2019**

Topic: **"Awareness program on Virtual Lab"**

Organizing Dept.: **ESH**, Event Coordinator: **Dr. Saurabh Jain**

Name of Expert/Guest: **Mr. Prateek Sharma** Institute / Company: **Mentor, Virtual Lab, IIT Delhi**

Designation: **Mentor**

Email: **prateek94.iitd@gmail.com**

Details of Participants:

No. of Institutes Participated	No. of participants	Department	No. of Industry Representative	Remark if any
IIST	195	CSE/IT/EC/ME/CM/CE	1	

Indore Institute of Science and Technology, Indore, being Nodal Center of Virtual Labs of IIT Indore, conducted one-day awareness session on **"Virtual Labs"** on March 7, 2019. in association with IIT Delhi. Virtual Labs is an initiative of Ministry of Human Resource Development (MHRD), Govt of India (GOI) under the National mission on Education through ICT (NMEICT). A total of 195 students and 20 faculty members of Electronics And Communications, Computer Science, Information Technology, Mechanical Engg. and Applied Sciences streams participated in the workshop.

Mr. Prateek Sharma, stated that today most equipment has a computer interface for control and data storage. So, it is possible to design good experiments around some of this equipment which would enhance the learning of students. He also explained the **Virtual Lab** portal, its important features and accesses of various labs developed by different participating institutes. These Virtual Labs cater to students at the undergraduate level, post graduate level as well as to research scholars. He also demonstrated a few experiments of **Basic Electronics, Data Structure and Programming Technique** labs to the students.

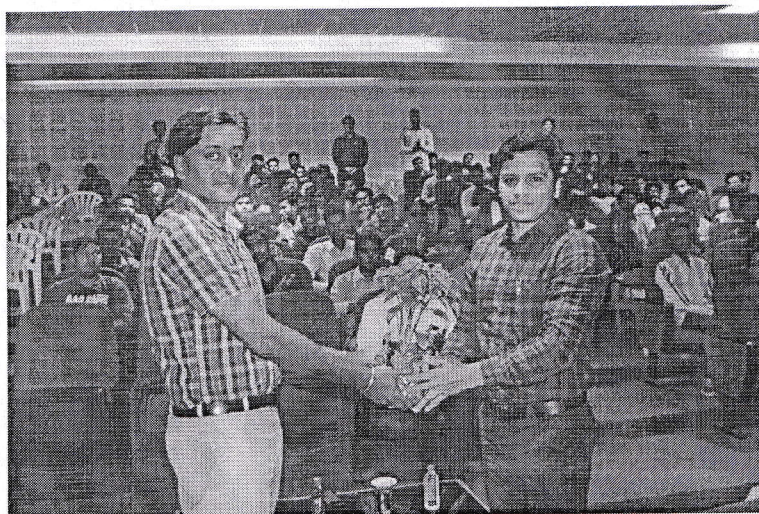
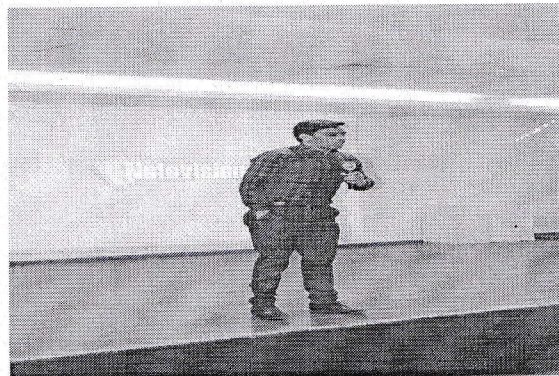
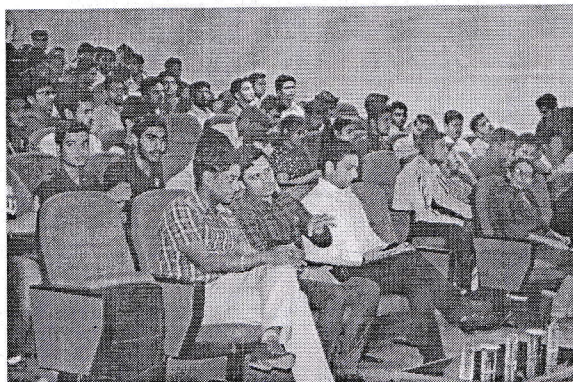
Later, students were allowed to do hands-on practice on the **Virtual Lab Portal**. The students were divided into 4 computer labs, where they did experiments in **Digital Logic Design, Data Structure, Basic Electronics and Programming Techniques** Virtual Lab. The



Saurabh

students were able to perform at least two experiments on their own in each lab with the guidance of IIST faculties and IIT experts.


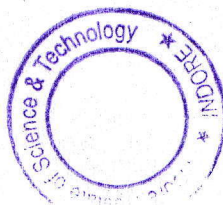
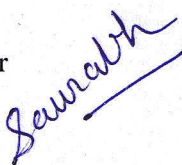
The workshop was quite useful, especially for undergraduate students from all the branches. The workshop gave the exposure to perform the experiments and clear their basic concepts of Virtual labs utilizing the V-lab portal.



Faculty Members and Students attending virtual lab awareness session.

Event Coordinator

Dr. Saurabh Jain



V. K. Nar
Principal

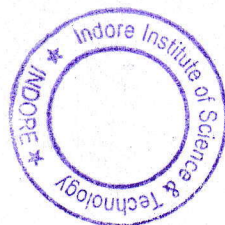
DATE: 14/10/2019

Approval Letter

Indore Institute of Science and Technology, Indore, being Nodal Center of Virtual Labs of IIT Indore, and Virtual Labs is an initiative of Ministry of Human Resource Development (MHRD), Govt of India (GOI) under the National mission on Education through ICT (NMEICT).

Engineering Science and Humanities department, IIST is interested to organize one-day awareness program on “virtual lab” for first year students on 18 October 2019. Kindly approve for organizing the program in the institute.

V.K. Nar



Saurabh
Faculty Coordinator
Dr. Saurabh Jain

Date: 17.10.2019

NOTICE

As we all know that IIT Delhi has designated Indore Institute of Science and Technology as the nodal center for their Virtual Labs. All the first year students are informed that they have to compulsory attend the one-day awareness program on virtual lab on 18 Oct 2019.

V. R. Nar
Principal



C.C.to:-

1. All Faculty & Staff
2. All students
3. Admin Office
4. Office Record

Event Report

Academic Year: **2019-20**

Session: **July- Dec 19 (Odd)**

Name of Event: **Expert Lecture**

Date of Event: **18th October 2019**

Topic: **"Awareness program on Virtual Lab"**

Organizing Dept.: **ESH**, Event Coordinator: **Dr. Saurabh Jain**

Name of Expert/Guest: **Dr. Saurabh Jain** Institute / Company: **IIST-Indore**

Designation: **Asst. Professor**

Department: **ESH**

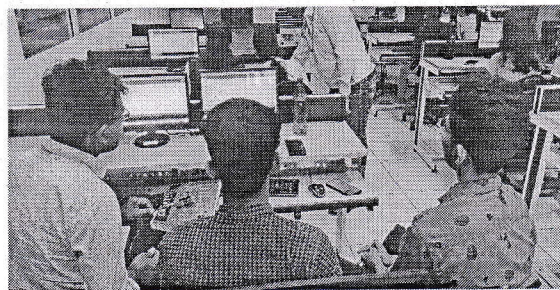
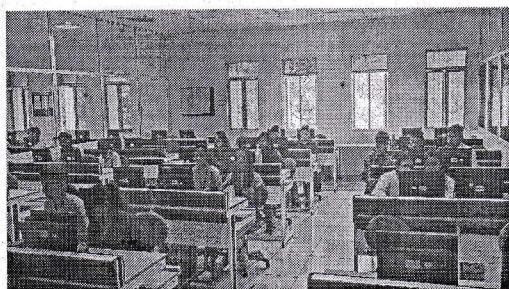
Contact No.: 9770909539

Details of Participants:

No. of Institutes Participated	No. of students	Department	No. of Industry Representative	Remark if any
IIST	418	CSE/IT/EC/ME/CM/CE	NIL	

The program was started with the presentation on the brief introduction of Virtual Labs by **Dr. Sourabh Jain**, (ESH, IIST) on October 18, 2019. There are a total of 418 students from 1st year and 12 faculty members of different departments participated in the virtual lab awareness program.

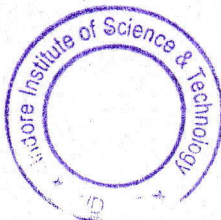
He briefed about basic concepts of virtual lab which enhance the knowledge of students by providing the remote-access to Labs in various disciplines of Science and Engineering. He also introduced the features and usefulness of remotely triggering an experiment in an actual lab and providing the student the result of the experiment through the computer interface. Later on, students divided into total 7 computer labs to do hands-on practice on the V-Lab Portal. They did 1-2 experiments in physical science, basic electronics and Digital Logic Design through V-Lab. After that all the student enjoyed virtual lab platform and they able to perform various practical's like physical science, electronics and communication, Civil engineering, Electrical etc. through virtual lab.



Students performing virtual lab experiments.

Event Coordinator
Dr. Saurabh Jain

Saurabh



V. K. Nar
Principal

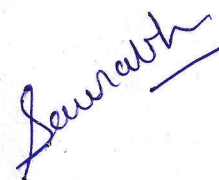
DATE: 05/01/2021

Approval Letter

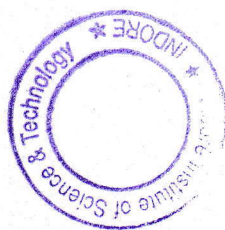

Indore Institute of Science and Technology, Indore, being Nodal Center of Virtual Labs of IIT Indore, and Virtual Labs is an initiative of Ministry of Human Resource Development (MHRD), Govt of India (GOI) under the National mission on Education through ICT (NMEICT).

Engineering Science and Humanities department, IIST is interested to organize online awareness program on “**virtual lab**” for first year students on 07 January 2021.

Kindly approve for organizing the program in the institute.



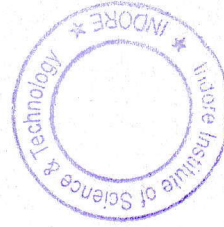
Faculty Coordinator
Dr. Saurabh Jain



Date: 06.01.2021

NOTICE

As we all know that IIT Delhi has designated Indore Institute of Science and Technology as the nodal center for their Virtual Labs. All the first year students are informed that they have to compulsory attend the online awareness program on virtual lab on 7 Jan 2021.



Principal

C.C.to:-

1. All Faculty & Staff
2. All students
3. Admin Office
4. Office Record

Event Report

Academic Year: **2020-21**

Session: **Odd Semester**

Name of Event: **Expert Lecture (Online)**

Date of Event: **7th January 2021**

Topic: **"Awareness program on Virtual Lab"**

Organizing Dept.: **ESH**, Event Coordinator: **Dr. Saurabh Jain**

Name of Expert/Guest: **Dr. Saurabh Jain** Institute / Company: **IIST-Indore**

Designation: **Asst. Professor**

Department: **ESH**

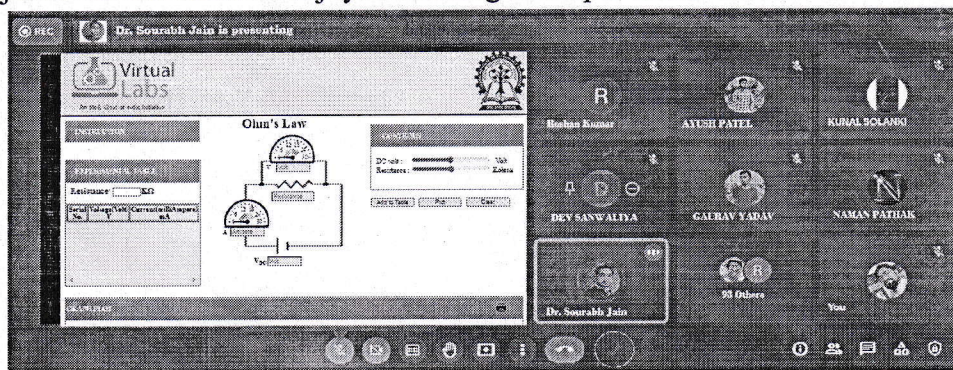
Contact No.: 9770909539

Details of Participants:

No. of Institutes Participated	No. of students	Department	No. of Industry Representative	Remark if any
IIST	104	CSE/IT/EC/ME/CM/CE	NIL	

Dr. Saurabh Jain-Coordinator, Virtual Lab, IIST Indore conducted online awareness session on **"Virtual Labs"** on January 7, 2021 in association with IIT Delhi. There are a total of 104 students from 1st year participated in the awareness session.

Dr. Saurabh Jain said that today most equipment has a computer interface for control and data storage. So, it is possible to design good experiments around some of this equipment which would enhance the learning of students. He also explained the **Virtual Lab** portal and its important features and accesses of various labs developed by different participating institutes and briefed the features and usefulness of Virtual labs. Later on, he demonstrated few experiments of Electronics and communication, Electrical, Civil engineering and physical science subjects. All the students enjoyed learning concepts of the virtual labs.



Event Coordinator

Dr. Saurabh Jain

Saurabh



Principal

[Signature]



VIRTUAL LABS

An MHRD Govt. of India Initiative

An Initiative of Ministry of Human Resource Development (MHRD)
Under the National Mission on Education through ICT

Name of Lab

Broad Area

Any

Search

PARTICIPATING INSTITUTES



IIT DELHI



IIT BOMBAY



IIT KANPUR



IIT KHARAGPUR



IIT MADRAS



IIT ROORKEE



IIT GUWAHATI



IIIT HYDERABAD

AMRITA
UNIVERSITYDAYALBAGH
UNIVERSITY

NIT KARNATAKA



COE PUNE

Labs developed by
Nodal Centers

NODAL CENTERS

Nodal Centers List

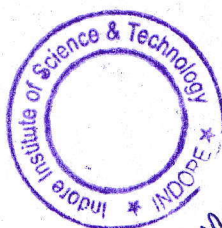
- Apex Institute of Engineering and Technology, Jaipur
- Asia Pacific Institute of Information Technology, Panipat
- Asra College of Engineering and Technology, Patiala
- CT Institute of Engineering, Management & Technology, Jalandhar
- DAV Institute of Engineering and Technology, Jalandhar
- Desh Bhagat University, Punjab
- Dronacharya College of Engineering, Gurgaon
- Dronacharya Group of Institution, Greater Noida
- Ganga Institute of Technology and Management, Jhajjar
- Gurgaon Institute of Technology and Management, Gurgaon
- Hindu Institute of Technology, Sonipat
- IIIT College of Engineering, Greater Noida
- Indore Institute of Science and Technology, Indore
- ITS Engineering College, Greater Noida
- JaiParkash MukandLal Innovative Engineering & Technology Institute, Yamunanagar
- JB Institute of Technology, Dehradun
- JKP Polytechnic, Sonipat
- Krishna Institute of Engineering and Technology, Ghaziabad
- Lingaya's University, Faridabad
- Maharaja Agarsain Institute of Technology, Ghaziabad
- Mahatma Gandhi Mission College, Noida
- Mangalmay Institute of Engineering and Technology, Greater Noida
- Meerut Institute of Technology, Meerut
- Modern Institute of Technology and Research Centre, Alwar
- Noida Institute of Engineering and Technology, Greater Noida
- NRI College of Engineering, Bhopal
- P.M College of Engineering, Kami, Sonipat

Announcements

No Recent updates
available

- LAB FEEDBACK FORM
- FAQ
- SHAKSHAT PORTAL

Contact

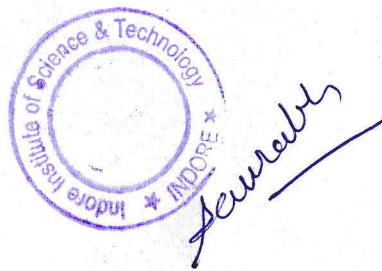
Vlab Support Team
support@vlab.co.in

Saurabh

- Panipat Institute of Engineering and Technology, Panipat
- Ram-Eesh Institute of Engineering and Technology, Greater Noida
- Sri Balaji College of Engineering and Technology, Jaipur
- St. Soldier Institute of Engineering and Technology, Jalandhar
- St. Soldier Institute of Pharmacy and Polytechnic, Jalandhar
- The Northcap University, Gurgaon
- University of Petroleum and Energy Studies, Dehradun
- Uttaranchal Institute of Technology, Dehradun

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Disclaimer



IIST, IIT join hands to launch virtual lab

HT Correspondent
a editor@himalayas.com

pletely runs on the internet with a free access to its common website for all participants, it's surely the next big thing in the engineering education in the city"

INDORE: Indore Institute of Science and Technology (IIST) has collaborated with Indian Institute of Technology (Delhi) to organise workshops on virtual laboratories.

IIST, being a nodal centre for virtual labs, is attempting to revolutionise engineering education in the city.

Delhi faculties, including Tanmay Dass, Sanjeev Soni and Vipul Sharma, are a part of the project.

Joy Banerjee, IIST director, said: "The virtual labs will help students, faculties and research scholars in gaining more knowledge without any hindrance or problem. As it's a programme that com-

वर्चुअल लैब से इंटरैक्टिव होगी लर्निंग

EFFECTIVE LEARNING

सिटी रिपोर्टर • इन्डियन स्टडीज को और अधिकतम व इंटरैक्टिव बनाने के लिए शहर के एक इन्जीनियरिंग इंस्टीट्यूट ने आईआईटी दिल्ली से जुड़कर वर्चुअल लैब की शुरुआत की है। वर्चुअल लैब में प्योर साइंस और इंजीनियरिंग स्टूडेंट्स इंटरैक्टिव ऑनलाइन कर सकेंगे। कैम्पसों में वर्चुअल लैब के जरिए डिजिटल टैब्लेट्स और बेहतर तरीके से समझा सकेंगे।

इस वर्चुअल लैब को सुरुआत हुई है इंदौर इंस्टीट्यूट ऑफ साइंस एंड टेक्नोलॉजी में। आईआईटी दिल्ली के अध्यक्ष डॉ. जय केशव ने बताया कि वर्चुअल लैब की शुरुआत है जो नई। इस कार्यक्रम से इंटरैक्टिव एजेंट की है। इस कार्यक्रम से एजेंट बनना यह रहे हैं इसलिए यह प्रकृति की है।

वर्चुअल लैब के लिए स्टूडेंट्स को www.vlab.co.in पर जाकर अपना लॉगिन बनाना होगा। लॉगिन बनाने के बाद स्टूडेंट्स ऑनलाइन इंटरैक्टिव कर सकते हैं। इस पोर्टल पर जो भी इंटरैक्टिव करेगा, तो उसे दूसरे वर्चुअल लैब में देखेगा।

वर्चुअल लैब से स्टूडेंट्स को क्या फायदा

- इस में इंजीनियरिंग स्टूडेंट्स को इंटरैक्टिव लैब में लॉगिन करने की जरूरत नहीं है।
- इस में इंजीनियरिंग स्टूडेंट्स को इंटरैक्टिव लैब में लॉगिन करने की जरूरत नहीं है।
- इस में इंजीनियरिंग स्टूडेंट्स को इंटरैक्टिव लैब में लॉगिन करने की जरूरत नहीं है।
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- इस में इंजीनियरिंग स्टूडेंट्स को इंटरैक्टिव लैब में लॉगिन करने की जरूरत नहीं है।



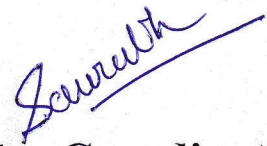
Saurabh

DATE: 06/01/2022

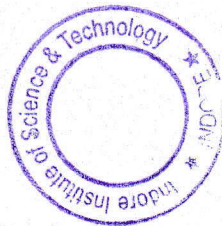
Approval Letter

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Engineering Science and Humanities department, IIST is interested to organize one-day awareness program on “**virtual lab**” for first year students on 7 Jan 2022. Kindly approve for organizing the program in the institute.



Faculty Coordinator
Dr. Saurabh Jain



Date: 06.01.2022

NOTICE

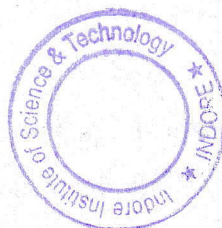
As we all know that IIT Delhi has designated Indore Institute of Science and Technology as the nodal center for their Virtual Labs. All the first year students are informed that they have to compulsory attend the one-day awareness program on virtual lab on 7th January 2022.



Principal

C.C.to:-

1. All Faculty & Staff
2. All students
3. Admin Office
4. Office Record



Event Report

Academic Year: **2021-22**

Session: **Odd Semester**

Name of Event: **Expert Lecture**

Date of Event: **7th January 2022**

Topic: **"Awareness program on Virtual Lab"**

Organizing Dept.: **ESH**, Event Coordinator: **Dr. Saurabh Jain**

Name of Expert/Guest: **Dr. Saurabh Jain** Institute / Company: **IIST-Indore**

Designation: **Asst. Professor**

Department: **ESH**

Contact No.: 9770909539

Details of Participants:

No. of Institutes Participated	No. of students	Department	No. of Industry Representative	Remark if any
IIST	312	CSE/IT/EC/ME/CM/CE	NIL	

IIST conducted one-day awareness session on **"Virtual Labs"** on January 07, 2022 in association with IIT Delhi. A total of 312 students and 10 faculty members of Electronics and Communications, Computer Science, Information Technology, Mechanical Engg. and Applied Sciences streams participated in the workshop. Dr. Saurabh Jain-Cordinator, Virtual Lab, IIST Indore conducted the session on Virtual Labs.

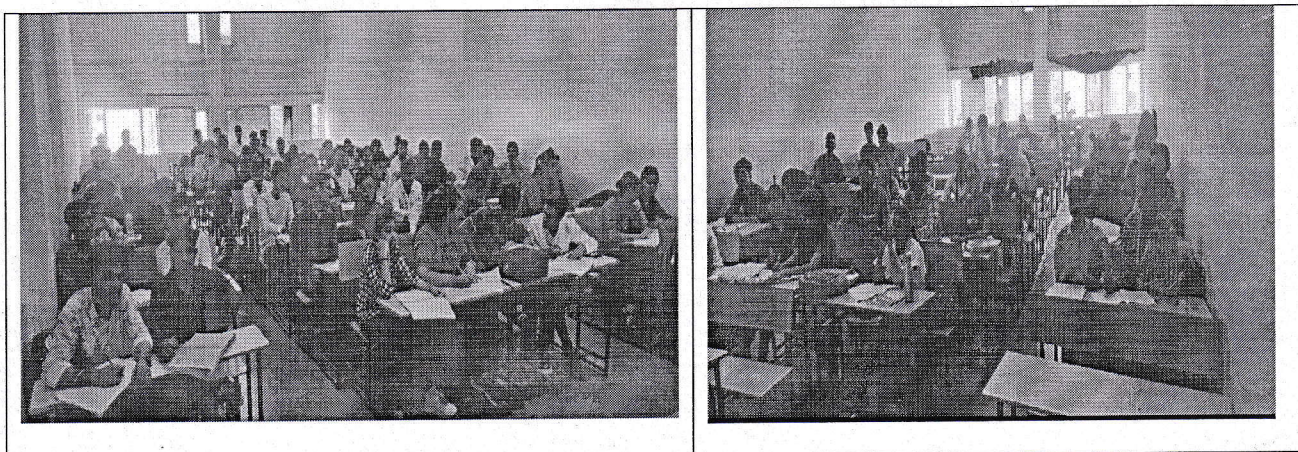
He briefed that the basic purpose of V-lab is to enhance the knowledge of students by providing the remote-access to Labs in various disciplines of Science and Engineering. These labs also share the costly equipment and resources, which are otherwise available to limited number of users due to constraints of cost and geographical distances.

He gave some basic information like role of virtual lab platform, types of experiments, how to login virtual lab platform etc to the students in the classroom and after that he also demonstrated a few experiments of Basic Electronics, Data Structure and Programming Technique labs to the students in the computer labs.

The objective of the demonstration was to make students well conversant with the principles and functions of Virtual Labs. The session was very interactive and students enjoyed while learning concepts of the labs. The session ended by 1:30PM.



Saurabh

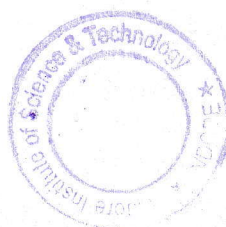


Students attend the session in classroom and note down the steps of virtual lab platform.

Event Coordinator

Dr. Saurabh Jain

Saurabh



Principal

[Signature]