A Report

on

Five Days Student Workshop

On

"Learning Physics Through Simulation and Experiments" (LPSE-2021)

December 06 – 10, 2021

Organized by



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

In association with



Indian Association of Physics Teachers (IAPT)

Report of the Event

Title of the activity:

"Learning Physics Through Simulation and Experiments" (LPSE-2021)

Activity Details:

> Objectives of the Workshop:

The aim of the workshop is to introduce the effectiveness of scientific measurement while developing a conceptual understanding of measurement and uncertainty, provide a procedural toolbox for handling and analyzing data scientifically. The workshop will create practical skills as well as their views on applying the virtual experiments in a general physics lab also. The workshop will help the students to develop new understanding, improve the approaches in the laboratory and will sharpen their power of observations.

> Program detail:

The Department of Physics, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur organized a five days online Student Workshop on "Learning Physics Through Simulation and Experiments" during December 06-10, 2021in association with Indian Association of Physics Teachers (IAPT) . This workshop was conducted on WebEx online platform.

This five-day student workshop comprised five thoughtful informative and interactive demonstration delivered by the experts from the various reputed institutes. Many student from various universities and institutes of all over the country participated in this workshop.

The Workshop was inaugurated on the December 06, 2021 by the Keynote Speaker Prof. (Dr.) Y.K. Vijay (Director, CIST, IIS University, Jaipur & President IAPT), Prof. (Dr.) R.K. Jain Dean, SKIT, Prof. Rohit Mukherjee (In charge B.Tech. I year, SKIT), Prof. (Dr.) Brajraj Sharma (HOD Physics, SKIT), Prof. (Dr.) Rishi Vyas (Coordinator LPSE-2021) and other members of the department also graced the inaugural session of the programme. Prof. (Dr.) R. K.Jain welcomed the guests and participants of Workshop. Prof. (Dr.) Y.K. Vijay motivated the students about the role of experiment in science and technology and introduce innovation hub under IAPT organization and invite to all faculty and participant to join innovation hub for their enhance of practical skills. IAPT celebrate this year as a centenary year of Quantum Mechanics.

The session was moderated by Dr. Komal Sharma (Associate Professor, Department of Physics, SKIT) and Prof. Brajraj Sharma extended vote of thanks to the keynote speaker and all participants.

In the first day interactive session, Prof. Y.K. Vijay explained the basic concept of fundamental forces and their effects with the online demonstration of various experimental setup eg. Principle of rocket and submarine, Frictionless Dynamics, Magnetic oscillator, structure of atom, atomoc arrangement and their defects, Nature of charge, Vander waal potential, Bohr's Orbit, alpha decay model, Rutherford scattering and Molecule vibration of Methane and water.

In the second day interactive session, Prof. R. K. Khanna discussed the role of non-ionizing radiation such as microwave specially in mobile communication and explained the concept of electromagnetic pollution and their biological effects with some facts. In this session Prof. Khanna explained abount ionising and non ionizing radiation and the effect of continous of exposure of nonionisig radiation on DNA of human body.

In the third day interactive session, Dr. G S Menaria discussed and demonstrated the basic concept of physics with experiments specially on the topic optics and electromagnetism. He effectively demonstrated some hands on experiment on electroscope, electromagnetic induction, eddy current, reflection, refraction, total internal reflection, centrifugal force, DC and AC generator.

In the forth day interactive session, Prof, O.S.K.S. Sastri explained the role of simulation in experimental technique and demonstrated the method of computer simulation about the study the experiments. They demonstrated the XCOS simulation software and explain the behavior of simple harmonic oscillator, damped oscillator and their frequency responses effectively.

In the fifth day interactive session, Dr. Syed Minhaz Hossain also explained the simulation tool to track the motion of particle. They demonstrated the use of TRACKER software to track the motion of simple pendulum as well as damped pendulum and show the various result with a lot of information about the pendulum. They also explain about the phase space trajectory of simple pendulum as well as damped pendulum.

In the valedictory session, Guest and key note speaker Dr. Syed Minhaz Hossain (Associate Professor, IIEST, Shibpur), Prof. B.R. Sharma (Head, Department of Physics), Prof. Rishi Vyas (Coordinator, LPSE-2021) and organizers of the event and participants were present. Dr. Syed Minhaz Hossain congratulated the organizing team for successful conduction of this workshop. Prof. Rishi Vyas summarized all the activities conducted in the five days programme. Prof. B.R. Sharma proposed vote of thanks to everyone involved in this workshop. Dr. Komal Sharma

(Department of Physics) moderated this session. Dr. Vivek Vijay (Department of Mathematics) smoothly handled the technical part of the workshop effectively.

> Outcome:

All the sessions were very much informative. The discussed areas are of great benefit for the participants as they were enlightened with simulation and experimental approach in Physics with a lot of application in science and technology era.

> Type: National

> Resource persons:

S.N.	Name of Expert	Institution/Organization
1.	Prof. Y.K. Vijay	Director, CIST, IIS University, Jaipur President, IAPT, RC-6
2.	Prof. R.K.Khanna	Former Dean VGU, Jaipur
3.	Mr.G.S.Menaria	Regional Coordinator ANVESHIKA_IAPT
4.	Dr. O.S.K.S. Sastri	Head, Department of Physics, CU, Himachal Pradesh
5.	Dr. Syed Minhaz Hossain	Associate Professor, IIEST, Shibpur

> Total Registration: near about 600

➤ Total attendee: 371

> From SKIT = 68%

> Other than SKIT = 32%

> From Engineering = 75%

> From B.Sc. and Other Stream = 25%

> Participation from all over country

> Brief proceeding of the activity:

	(Moderator) Dr. Komal Sharma			
Day & Date	Time	Experts	Topic	Moderator
Monday, 06-12-2021	2:00-3:00 PM	Prof. Y.K. Vijay	"Fundamental Forces and Their Effects"	Dr. Komal Sharma
Tuesday, 07-12-2021	2:00-3:00 PM	Prof. R.K.Khanna	"Electromagnetic Pollution and Biological Effects"	Dr. Manasavi Dixit
Wednesday, 08-12-2021	2:00-3:00 PM	Mr.G.S.Menaria	"Optics and Electromagnetism"	Dr. Manasavi Dixit
Thursday, 09-12-2021	2:00-3:00 PM	Dr. O.S.K.S. Sastri	"Model based simulations using XCOS"	Dr. Manasavi Dixit
Friday, 10-12-2021	2:00-3:00 PM	Dr. Syed Minhaz Hossain	" Learning Physics through Tracking a Pendulum"	Dr. Komal Sharma

Valedictory	3:00 – 3:15 pm	(Moderator) Dr. Komal Sharma
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> Attainment of the activity:

The five days workshop provided a better insight to the students into the role of experimental physics in the development of science and technology. Work with simulation techniques in experimental physics plays a very important role in the study of experimental facts because of simulation analysis is very close to results of experiment. Areas covered in the workshop are very beneficial for students.

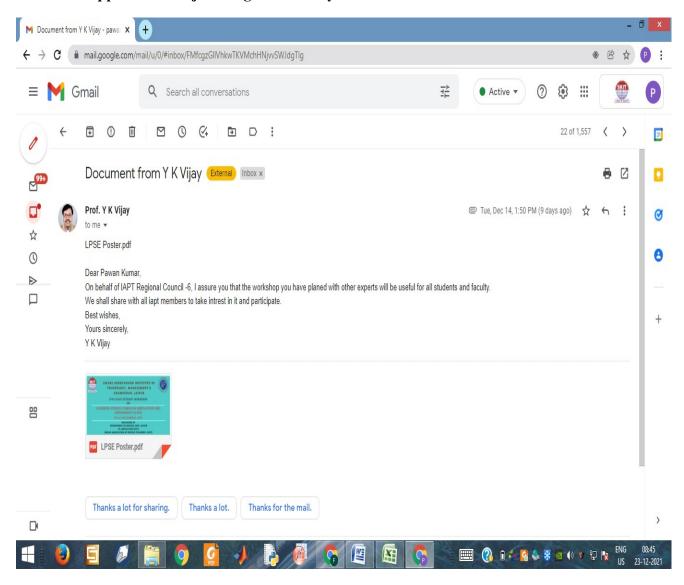
Recommendations:

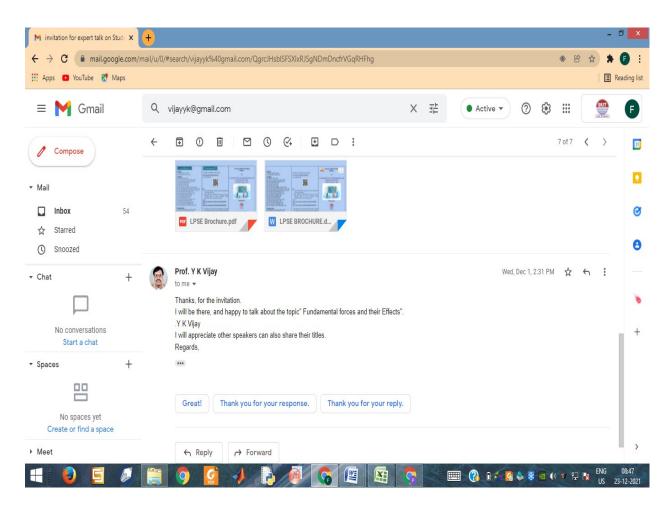
Such types of workshop must be conducted more frequently. These are very beneficial if conducted in offline mode.

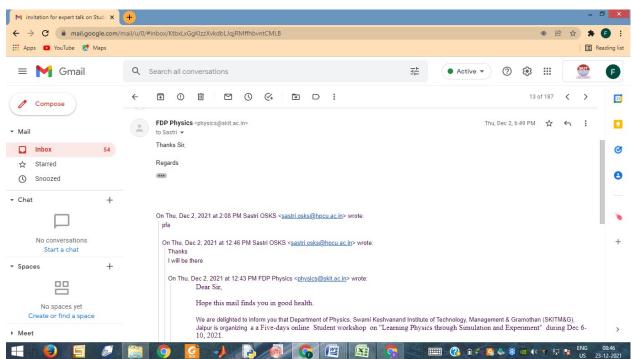
Enclosures:

- Approval Letter of the event
- Approval from joint organization by IAPT
- Brochure:
- Poster
- Invitation
- Minute to minute Schedule
- Detail of funding if any: NIL
- Souvenir: NIL
- Proceedings: NIL
- Media Coverage
- Photographs:
- List of Participants
- Copy of E-Certificate

• Approval from joint organization by IAPT







Brochure

WORKSHOP COMMITTEE

PATRONS

Sh. Raja Ram Meel, Patron, SKIT Sh. Surja Ram Meel, Chairman, SKIT

ADVISORS

Sh. Jaipal Meel, Director, SKIT

Prof. (Dr.) S.L. Surana, Director (Academics), SKIT

Prof. (Dr.) Ramesh Kumar Pachar, Principal, SKIT

Mrs. Rachna Meel, Registrar, SKIT

Mrs. Abba Meel, Advisor, SKIT

Prof. (Dr.) R.K. Jain, Dean, SKIT

Prof. (Dr.) Mukesh Arora, HOD-EC & Head OFA, SKIT

Prof. (Dr.) Anil Choudhary, HOD-IT & IQAC Coordinator, SKIT

Prof. (Dr.) Rohit Mukherjee, In-charge B.Tech. first year, SKIT Prof. (Dr.) B.R. Sharma, HOD (Physics), SKIT

Prof. (Dr.) Mukesh Kumar Gupta, HOD-CS, SKIT Prof. (Dr.) Dheeraj Joshi, HOD-ME, SKIT

Prof. (Dr.) D.K.Sharma, HOD-CE, SKIT

Dr. Dhanraj Chitara, HOD-EE, SKIT

Prof. (Dr.) Amber Srivastava, HOD (Maths), SKIT Dr. Sharda Soni, HOD (Chemistry), SKIT

Prof. (Dr.) Neha Purohit, HOD (English), SKIT

Prof. (Dr.) Ona Ladiwala, HOD (DMS), SKIT

Prof. (Dr.) Sangeeta Vyas, Head Student Affairs, SKIT

COORDINATORS
Prof. (Dr.) Rishi Vyas, Department of Physics, SKIT Mr. Rajiv Kumar, Department of Physics, SKIT

Mr. Pawan Kumar Jain, Department of Physics, SKIT

Mr. Ajay Kumar Sharma, Department of Physics, SKIT

ORGANIZING COMMITTEE

- Dr. Komal Sharma, Department of Physics Dr. Manasvi Dixit, Department of Physics
- Dr. Vijay Singhal, Department of Mathematics
- Dr. Nawal Kishor Jangid, Department of Mathematics
- Dr. Vivek Vijay, Department of Mathematics
- Dr. Swati Joshi, Department of Chemistry
- Dr. Sheeba Anjum, Department of English Mrs. Palika Jajoo, Department of CS

REGISTRATION

To register in Workshop, use the weblink:

https://forms.gle/V9nnEnfUmfYKEGie8

or scan the QR code



- > Mode of Workshop is online and will be conducted on Cisco-Webex platform.
- > After filling the registration form, please join the WhatsApp group to receive Workshop related information.Link to join WhatsApp group:

https://chat.whatsapp.com/JJHwYqlzLmzDWHcfoIiHCE Link2:

https://chat.whatsapp.com/EZ21KuxmRTQD84oEfjK8tA

> E-Certificate will be issued to the participant who fulfill 80% attendance during the sessions and submit feedback

CONTACT PERSON

Mr. Pawan Kumar Jain (9828801324)

Email: pawan@skit.ac.in

Mr. Rajiv Kumar (7597049105) Email: rajivskit@skit.ac.in

Learning Physics through Simulation and **Experiments (LPSE)** 06-10 December, 2021

on

Five days Student Workshop (Online)



Organised by



Department of Physics, Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagaria, Jagatpura, Jaipur-302017 Web: www.skit.ac.in

In Association with



Indian Association of Physics Teachers (IAPT)

ABOUT SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) is Ranked No. 1 (five consecutive year) Engineering College in Rajasthan declared by Rajasthan Technical University (RTU), Kota. SKIT is a selective comprehensive institution offering undergraduate and postgraduate programmes in Engineering and Management. The institute was established in the year 2000 by a team of committed professionals and academicians. During all the past years SKIT has emerged as a premier centre of technical education not only in Rajasthan but also in northern India which has been realized through efficient and dedicated faculty members, innovative teaching learning methods, state of the art infrastructures and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA).

ABOUT IAPT

A voluntary organization of Physics teaching-learning (at all levels), Scientists, professionals and other interested in physics (Science) education in the country. Indian Association of Physics Teachers (IAPT) was established in 1984 by dedicated physics teachers and visionary (Late) Dr. D.P. Khandelwal with active support from likeminded members with the aim of upgrading quality of physics teaching at all levels in the country. Since then, it has grown into a major organisation with about 7000 members spread over throughout the country and abroad, besides annual members, student members and sustaining members. The Association operates through its 22 Regional Councils (RCs) grouped into 5 zones. There is a central Executive Council (EC), which coordinates all its activities.

DEPARTMENT OF PHYSICS

Department of Physics is an important science department dedicated to imparting quality physics education to students. The department of physics was started in the year 2000. The department has well qualified and experienced faculty members. The department also has two well established laboratories for B. Tech. I year students with sufficient and necessary instruments. The aim of the department is to provide high quality in-depth education of physics to all engineering graduates.

WORKSHOP OBJECTIVE

The aim of the workshop is to introduce the effectiveness of scientific measurement while developing a conceptual understanding of measurement and uncertainty, provide a procedural toolbox for handling and analyzing data scientifically. The workshop will create practical skills as well as their views on applying the virtual experiments in a general physics lab also. The workshop will help the students to develop new understanding, improve the approaches in the laboratory and will sharpen their power of observations.

TARGET AUDIENCE

This workshop will be very helpful for those students, who have just started their study at graduate level in science and engineering stream and they want to explore and correlate their theoretical knowledge with practical approach.

TENTATIVE TIME SCHEDULE OF WORKSHOP

Inaugural Session:

Monday, 06th December, 2021 at 1:45 to 2:00 PM

Invited Talk: 2:00-3:00 PM Daily

Day & Date	Speakers	Topic of Talk
Monday, 06-12-2021	Prof. Y.K. Vijay (Director, CIST, IIS University, Jaipur)	"Fundamental Forces and Their Effects"
Tuesday, 07-12-2021	Prof. R.K.Khanna (Former Dean VGU, Jaipur)	"Electromagnetic Pollution and Biological Effects"
Wednesday, 08-12-2021	Mr.G.S.Menaria (Regional Coordinator ANVESHIKA_IAPT)	"Optics and Electromagnetism"
Thursday, 09-12-2021	Dr. O.S.K.S. Sastri (Head, Department of Physics, CU, Himachal Pradesh)	"Model based simulations using XCOS"
Friday, 10-12-2021	Dr. Syed Minhaz Hossain (Associate Professor, IIEST, Shibpur)	" Learning Physics through Tracking a Pendulum"

REGISTRATION FEE

There is No Registration Fee.



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, JAIPUR



FIVE DAYS STUDENT WORKSHOP

ON

LEARNING PHYSICS THROUGH SIMULATION AND EXPERIMENTS (LPSE)

06-10 DECEMBER, 2021

ORGANISED BY
DEPARTMENT OF PHYSICS, SKIT, JAIPUR
IN ASSOCIATION WITH
INDIAN ASSOCIATION OF PHYSICS TEACHERS (IAPT)

EMINENT SPEAKERS

Day - 1 6 December, 2021 (1:30 PM - 3:00 PM)



Prof. Y.K. Vijay (Director, CIST, IIS University, Jaipur Topic: Fundamental Forces and Their Effects

Day - 3 8 December, 2021 (2:00 PM - 3:00 PM)



Mr. G. S. Menaria (Regional Coordinator ANVESHIKA_IAPT) Topic: Optics and Electromagnetism Day - 2 7 December, 2021 (2:00 PM - 3:00 PM)



Prof. R.K.Khanna (Former Dean VGU, Jaipur)
Topic: Electromagnetic Pollution and Biological Effects

Day - 4 9 December, 2021 (2:00 PM - 3:00 PM)



Dr. O.S.K.S. Sastri (Head, Department of Physics, CU, Himachal Pradesh) Topic: Model based simulations using XCOS

Day - 5 10 December, 2021 (2:00 PM - 3:00 PM)



Dr. Syed Minhaz Hossain (Associate Professor, IIEST, Shibpur)
Topic: Learning Physics through Tracking a Pendulum

Registration link for Workshop & QR code: https://forms.gle/V9nnEnfUmfYKEGie8



Invitation for Inaugural Ceremony



Swami Keshvanand Institute of Technology, Management & Gramothan



Department of Physics, SKITM&G, Jaipur

In Association with



Indian Association of Physics Teachers (IAPT)

Organizes

Five days Student Workshop (Online)

on

Learning Physics through Simulation and Experiments (LPSE) (December 06-10, 2021)

Invitation for

INAUGURAL CEREMONY

06 December, 2021 Monday (1:45 PM Onwards)

Keynote Speaker
Prof. (Dr.) Y. K. Vijay,
Director, CIST, The IIS University, Jaipur
President of IAPT, RC-6, Rajasthan

You are cordially invited to join the inaugural ceremony of the Workshop. Please grace the

event by your benign presence. The link to join the inaugural session is provided below:

https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ea85dd651d2ce08dc6f8e5a67d87a97fb

(Password for Webex Meeting is "1234")

Minute to minute Schedule



Swami Keshvanand Institute of Technology, Management & Gramothan



Department of Physics, SKITM&G, Jaipur

In Association with



Indian Association of Physics Teachers (IAPT)

Organizes

Five days Student Workshop (Online)

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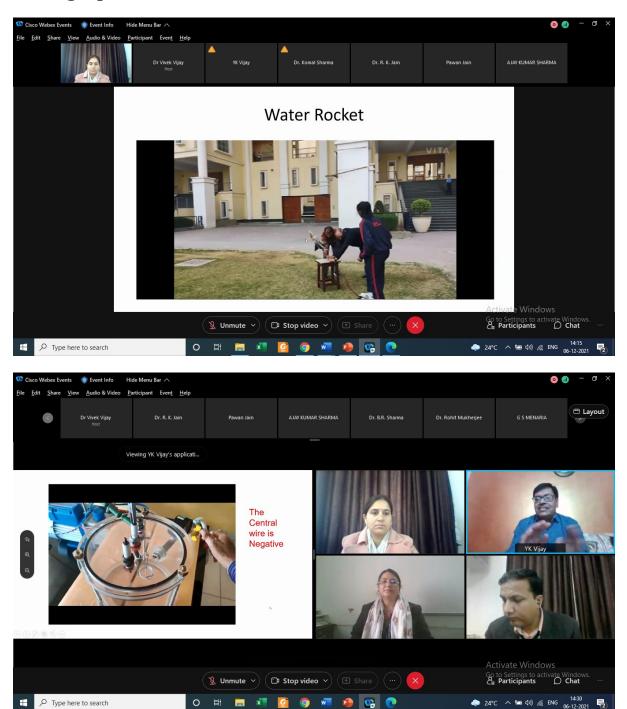
Learning Physics through Simulation and Experiments (LPSE) (December 06, 2021, 1:45 onwards)

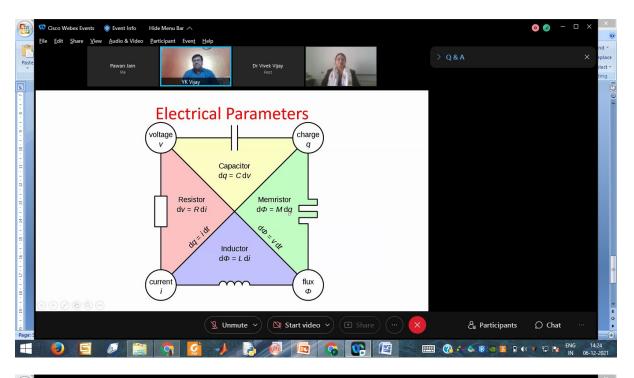
Inaugural Ceremony and day-1 programme

Minute to Minute Programme

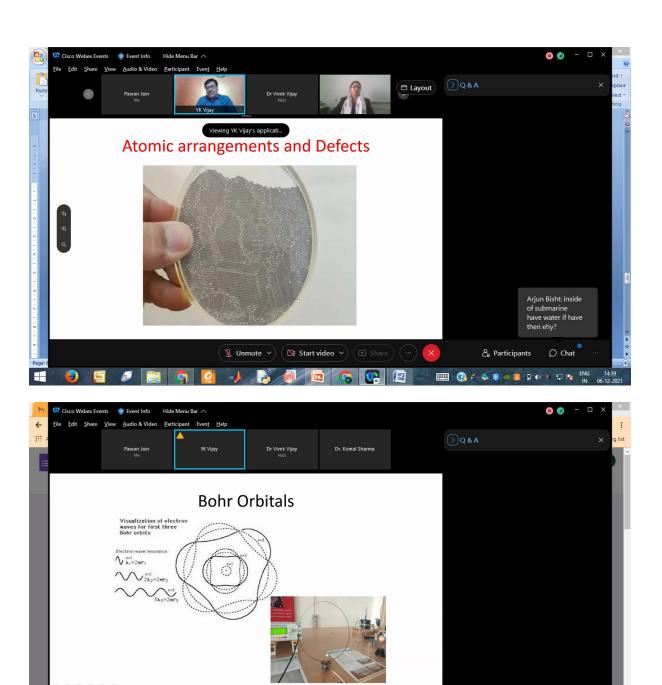
Event Description	Duration
Program Initiation By	
Dr. Komal Sharma	1:45PM-1:47PM
Associate Prof. Department of Physics, SKIT, Jaipur	
Welcome Note and About the SKIT by	THE SALE REPORTS
Prof. (Dr.) R.K. Jain,	1:47PM-1:50PM
Dean, SKIT, Jaipur	
Word of Motivation and about the IAPT by	THE RESERVE OF THE PARTY OF THE
Prof. (Dr.) Y.K.Vijay,	1:50PM-1:55PM
President of IAPT, RC-6, Rajasthan	
About the Workshop by	
Prof. (Dr.) Rishi Vyas,	1:55PM-2:00PM
Prof., Department of Physics, SKIT, Jaipur	E TANK THE STATE
Keynote Talk by	
Prof. (Dr.) Y.K.Vijay,	2:00PM-3:00PM
Director, CIST, The IIS University, Jaipur	2.00F WI-3.00F W
President of IAPT, RC-6, Rajasthan	
Vote of Thanks by	
Dr.B.R. Sharma,	3:00PM-3:05 PM
Head, Department of Physics, SKIT, Jaipur	
Group Photo	3:05 PM

Photographs



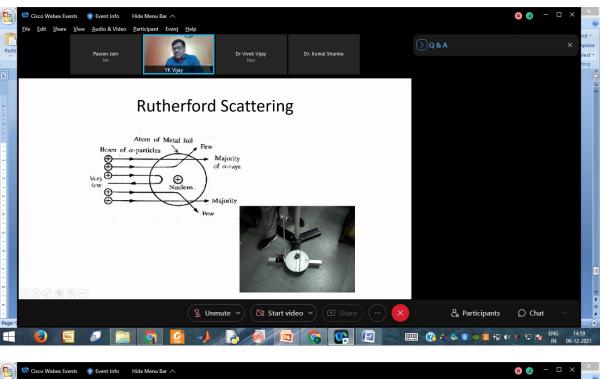


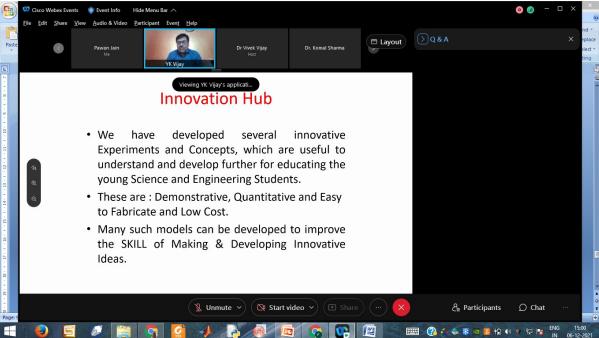




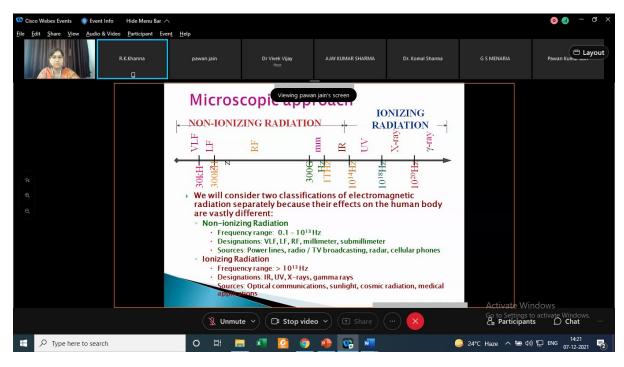
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e Participants

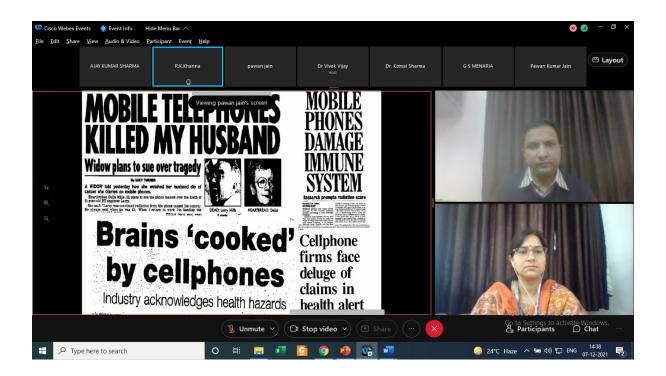




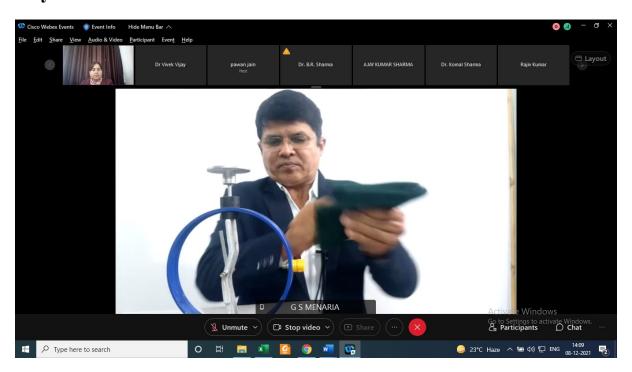
Day 2:





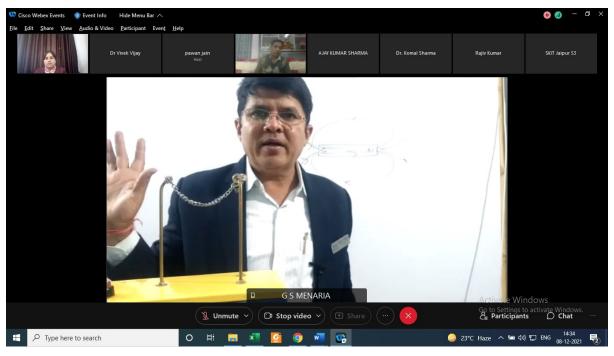


Day:3

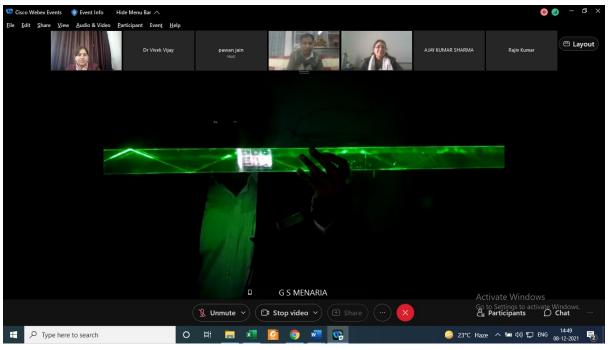


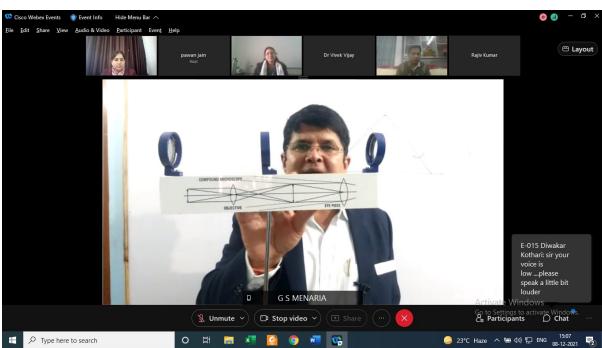




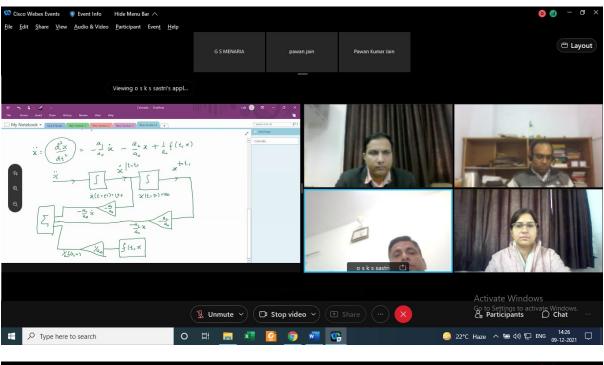


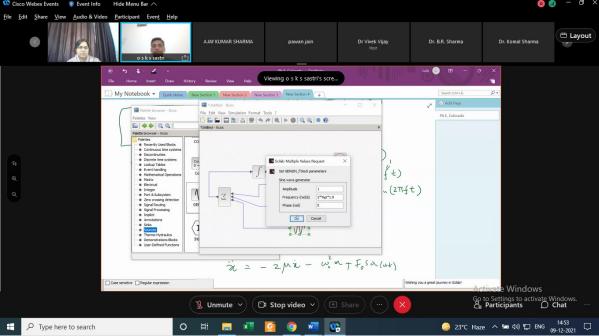




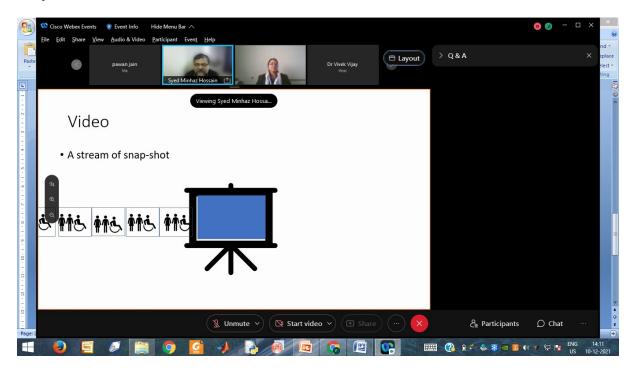


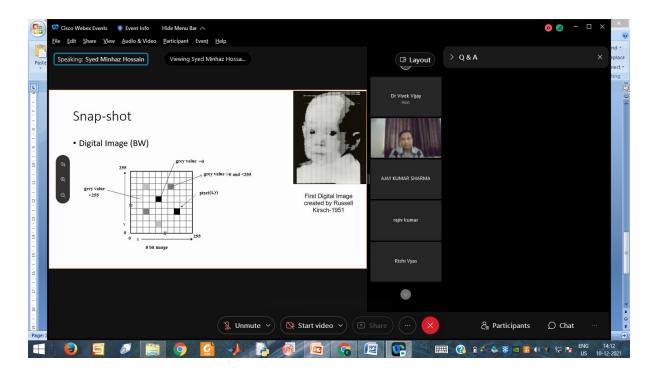
Day 4:

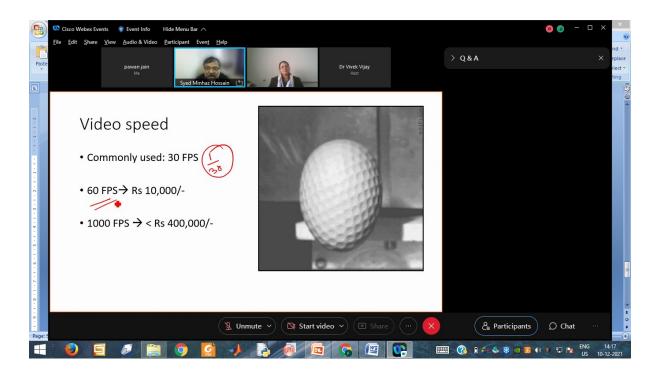


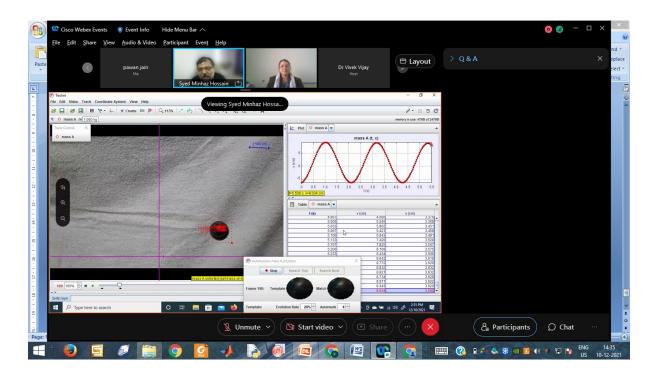


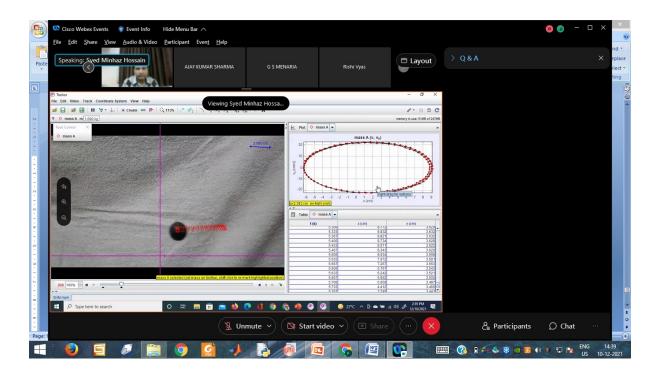
Day: 5

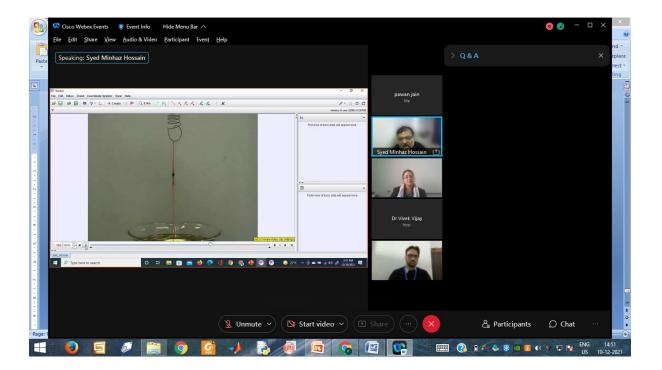












एस. के. आई. टी. में पांच दिवसीय स्टूडेंट वर्कशॉप का शुभारम्भ



खबरों की दुनिया

जयपुर। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में सोमवार दिनांक 6 दिसम्बर 2021 को भौतिकी विभाग के द्वारा ऑनलाइन प्लेटफ़ॉर्म पर, 'लिनेंग फिजिक्स थ्रू सिमुलेशन एंड एक्सपेरीमेंट' विषय पर पांच दिवसीय स्टूडेंट वर्कशॉप का शुभारम्भ हुआ। मुख्य वक्ता के रूप में प्रोफेसर (डॉ.) वाई. के. विजय (निदेशक, सी आई एस टी, दी आई आई एस यूनिवर्सिटी, जयपुर) ने रदरफोर्ड मॉडल , बोर मॉडल , अल्फा क्षय , चुम्बकीय दोलित्र

आदि की उपयोगिता के बारे में बताया। इस अवसर पर कॉलेज के डीन प्रोफेसर (डॉ.) आर. के. जैन ने मुख्य वक्ता तथा अन्य प्रतिभागियों का स्वागत किया। कार्यक्रम के को ऑर्डिनेटर प्रोफेसर (डॉ.) ऋषि व्यास ने इस प्रोग्राम में आने वाले वक्ताओ तथा होने वाले विभिन्न सत्रों का संक्षिप्त विवरण प्रस्तुत किया। प्रोफेसर (डॉ.) ब्रजराज शर्मा, विभागाध्यक्ष, भौतिकी विभाग ने धन्यवाद ज्ञापित किया।

इस कार्यक्रम का संचालन एसोसिएट प्रोफ़ेसर डॉ. कोमल शर्मा, डॉ. मनस्वी दीक्षित, पवन जैन तथा डॉ. विवेक विजय ने किया।

एस. के. आई. टी. में पांच दिवसीय स्टूडेंट वर्कशॉप का शुभारम्भ



खबरों की दुनिया

जयपुर। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में सोमवार दिनांक 6 दिसम्बर 2021 को भौतिकी विभाग के द्वारा ऑनलाइन प्लेटफ़ॉर्म पर, 'लिनेंग फिजिक्स थ्रू सिमुलेशन एंड एक्सपेरीमेंट' विषय पर पांच दिवसीय स्टूडेंट वर्कशॉप का शुभारम्भ हुआ। मुख्य वक्ता के रूप में प्रोफेसर (डॉ.) वाई. के. विजय (निदेशक, सी आई एस टी, दी आई आई एस यूनिवर्सिटी, जयपुर) ने रदरफोर्ड मॉडल , बोर मॉडल , अल्फा क्षय , चुम्बकीय दोलित

आदि की उपयोगिता के बारे में बताया। इस अवसर पर कॉलेज के डीन प्रोफेसर (डॉ.) आर. के. जैन ने मुख्य वक्ता तथा अन्य प्रतिभागियों का स्वागत किया। कार्यक्रम के को ऑडिंनेटर प्रोफेसर (डॉ.) ऋषि व्यास ने इस प्रोग्राम में आने वाले वक्ताओ तथा होने वाले विभिन्न सत्रों का संक्षिप्त विवरण प्रस्तुत किया। प्रोफेसर (डॉ.) ब्रजराज शर्मा, विभागाध्यक्ष, भौतिकी विभाग ने धन्यवाद ज्ञापित किया।

इस कार्यक्रम का संचालन एसोसिएट प्रोफ़ेसर डॉ. कोमल शर्मा, डॉ. मनस्वी दीक्षित, पवन जैन तथा डॉ. विवेक विजय ने किया।

एस. के. आई. टी. में पांच दिवसीय स्टूडेंट वर्कशॉप का शुभारम्भ



महानगर टाइम्स/जयपुर

जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में सोमवार को भौतिकी विभाग के द्वारा ऑनलाइन प्लेटफॉर्म पर, 'लिनंग फिजिक्स थ्रू सिमुलेशन एंड एक्सपेरीमेंट' विषय पर पांच दिवसीय स्टूडेंट वर्कशॉप का शुभारम्भ हुआ। मुख्य वक्ता के रूप में प्रोफेसर डॉ.वाई. के. विजय निदेशक, सी आई एस टी, दी आई आई एस यूनिवर्सिटी, जयपुर) ने रदरफोर्ड मॉडल, बोर मॉडल, अल्फा क्षय, चुम्बकीय दोलित्र आदि की उपयोगिता के बारे में बताया। इस अवसर पर कॉलेज के डीन प्रोफेसर डॉ. आर. के. जैन ने मुख्य वक्ता तथा अन्य प्रतिभागियों का स्वागत किया। कार्यक्रम के कोऑर्डिनेटर प्रोफेसर डॉ. रिशी व्यास ने इस प्रोग्राम में आने वाले वक्ताओ तथा होने वाले विभिन्न सत्रों का संक्षिप्त विवरण प्रस्तुत किया। प्रोफेसर डॉ. ब्रजराज शर्मा, विभागाध्यक्ष, भौतिकी विभाग ने धन्यवाद ज्ञापित किया। इस कार्यक्रम का संचालन एसोसिएट प्रोफेसर डॉ.कोमल शर्मा, डॉ. मनस्वी दीक्षित, पवन जैन तथा डॉ. विवेक विजय ने किया।

Student Workshop inaugurated

CITY FIRST

five-day student workshop on the topic 'Learning Physics through Simulation and Experiments' was started at Swami Kesavanand Institute of Technology Management and Gramothan, Jagatpura, by the Department of Physics in association with IAPT on Monday. On this occasion the keynote Professor speaker (Dr) Y K Vijay (Director, CIST, The IIS University, Jaipur) ex-



plained the usefulness of the Ruther-Professor (Dr) Rishi of the program, presented a brief descrip-

of the speaktion ers. Prof (Dr) Brajraj ford model, Bohr Sharma, expressed a model, alpha decay, vote of thanks. The magnetic oscillator, etc. program was conducted by Dr Komal Shar-Vyas, the coordinator ma, Dr Manasvi Dixit, Pawan Jain and Dr Vivek Vijay.



एस. के. आई. टी. में पांच दिवसीय

P3 Police Public Politics

जयपुर ! जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान में भौतिकी विभाग के द्वारा ऑनलाइन प्लेटफ़ॉर्म पर, ÷लर्निंग फिजिक्स थ्रू सिमुलेशन एंड एक्सपेरीमेंट÷ विषय पर पांच दिवसीय स्टूडेंट वर्कशॉप का शुऋवार दिनांक 10 दिसम्बर 2021 को समापन हुआ द्य इस वर्कशॉप के विभिन्न सत्रों में मुख्य वक्ता के रूप में प्रोफेसर (डॉ.) वाई. के. विजय, प्रोफेसर (डॉ.) आर. के. खन्ना, डॉ. जी. एस. मेनारिया, प्रोफेसर (डॉ.) ओ. एस. के. एस. शास्त्री तथा डॉ. सैयद मिनहाज हुस्सैन ने अपने व्याख्यान से

प्रतिभागियों को लाभावन्वित किया द्य कार्यक्रम के कोऑर्डिनेटर प्रोफेसर (डॉ.) रिशी व्यास ने इस प्रोग्राम का संक्षिप्त विवरण प्रस्तुत किया द्य प्रोफेसर (डॉ.) ब्रजराज शर्मा, विभागाध्यक्ष, भौतिकी विभाग ने स्टूडेंट वर्कशॉप का महत्त्व बताते हुए इसके सफल आयोजन के लिए समस्त आमंत्रित वक्ताओं तथा आयोजको को धन्यवाद दिया द्य इस कार्यक्रम का संचालन एसोसिएट प्रोफ़ेसर डॉ. कोमल शर्मा, डॉ. मनस्वी दीक्षित, पवन जैन, राजीव कुमार तथा डॉ. विवेक विजय ने किया द्य इस स्टुडेंट वर्कशॉप में 200 से अधिक प्रतिभागियों ने भाग लिया ।

पांच दिवसीय स्टूडेंट वर्कशॉप संपन्न



खबरों की दुनिया

जयपुर। जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट आफ टेक्नोलॉजी में भौतिकी विभाग के द्वारा ऑनलाइन प्लेटफॉर्म पर, 'लिनेंग फिजिक्स थू सिमुलेशन एंड एक्सपेरीमेंट' विषय पर पांच दिवसीय स्टूडेंट वर्कशॉप का शुक्रवार को समापन हुआ। इस वर्कशॉप के विभिन्न सत्रों में मुख्य वक्ता के रूप में प्रोफेसर वाईके विजय, प्रोफेसर आरके खन्ना, डॉ. जीएस मेनारिया, प्रोफेसर ओएसकेएस शास्त्री तथा डॉ. सैयद मिनहाज हुस्सैन ने अपने व्याख्यान

से प्रतिभागियों को लाभावन्वित किया। कार्यक्रम के कोऑर्डिनेटर प्रोफेसर ऋषि व्यास ने इस प्रोग्राम की ब्रीफिंग की। फिजिक्स डिपार्टमेंट के एचओडी प्रोफेसर ब्रजराज शर्मा ने स्टूडेंट वर्कशॉप का महत्त्व बताते हुए इसके सफल आयोजन के लिए समस्त आमंत्रित वक्ताओं तथा आयोजकों को धन्यवाद दिया। कार्यक्रम का संचालन एसोसिएट प्रोफ्रेसर डॉ. कोमल शर्मा, डॉ. मनस्वी दीक्षित, पवन जैन, राजीव बुमार तथा डॉ. विवेक विजय ने किया इ इस स्टूडेंट वर्कशॉप में 200 से अधिक प्रतिभागियों ने भाग

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