



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**

Annual Report of Events

Organized under

**OPTICA**

**Student Chapter, SKIT**

**(session: 2023-24)**



Annual Report of Events Organized under **OPTICA Student Chapter, SKIT**

(session: 2023-24)

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# Workshop on quantum computing (OPTICA STUDENTS CHAPTER)

**Date of the event:** 11th and 18th October 2023

**Time of the event:** 1:30PM to 3:30PM

**Venue of the event:** ECL-06

**Level of the event:** - College level

**Poster of the event:** -

**SKIT** SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY  
MANAGEMENT & GRAMOTHAN, JAIPUR

**OPTICA**  
Student Chapter, SKIT  
*presents*  
**WORKSHOP ON**  
**QUANTUM**  
**COMPUTING**

The Transformative Technology  
of the Qubit Revolution

DATE -> 11th & 18th October, 2023  
TIME -> 1:30pm-3:30pm  
VENUE-> ECL-06

Faculty Coordinators :  
Ms. Priyanka Sharma  
Dr. Rukhsar Zafar  
Dr. Kiran Rathi

Student Coordinators:  
Himanshu Agarwal  
Harshal Arora  
Sanskar Chaturvedi

**For any queries contact->> 8769553497**

## Objective of the event:-

The event was held with a great number of student participants. The primary objective of quantum computing is to perform complex computations more efficiently than classical computers. Quantum computers leverage the principles of quantum mechanics to process and analyze data, potentially solving problems in areas such as cryptography, optimization, material science, and simulation that are currently infeasible or highly time-consuming for classical computers. Quantum computing aims to revolutionize various fields by harnessing quantum phenomena like superposition and entanglement to tackle problems at a much faster rate.

## Details (Execution):-

The students were informed to be present on desired venue to participate in the event. Students were asked to fill the attendance sheet in order to show their active participation. The session started with the brief introduction about quantum computing and its various subsections. The students were asked to sit on the computer system provided in the lab; they were asked to open Google Collab on their desktops.

Ms Priyanka Sharma started the session by explaining the students about basic syntax of quantum computing and how to code precisely and accurately. The students really liked the session and they asked their queries and this improved their knowledge and interest in the field of quantum computing.

## Details/List of teacher participants:-

Sr. No.	Name of Teacher	Branch
1.	Miss Priyanka Sharma	ECE
2.	Dr. Rukhsar Zafar	ECE
3.	Dr. Kiran Rathi	ECE

## List of students participants

Sr. no	Name of participant	Branch	Year
1	Darsh Agarwal	ECE	2nd
2	Ashita Bansal	ECE	2nd
3	Bhavesh Gupta	ECE	2nd
4	Raghav Sharma	ECE	2nd
5	Harshita khatkar	ECE	2nd
6	Sandeep Kumar	ECE	2nd

7	Sanskar chaturvedi	ECE	2nd
8	Aditya Kumar	ECE	2nd
9	Satvik Meena	ECE	
10	Abhijeet Mathur	DS	3 <sup>rd</sup>
11	Chirag Gurnani	ECE	3 <sup>rd</sup>
12	Dishika Sharma	ECE	3 <sup>rd</sup>
13	Navneet Kaur	ECE	3 <sup>rd</sup>
14	Himanshu Agarwal	ECE	3 <sup>rd</sup>
15	Aditya Sharma	ECE	2 <sup>nd</sup>

### Feedback of the event:-

The event was very fun and knowledgeable for the students the students really liked the session as they were able to know about the future scope of quantum computing they are able to know about industrial level programming and also they find certain queries and their solutions and different ways to execute a same program.

### Photos of event:-







**Certificate of the event**



*Swami Keshvanand Institute of Technology,  
Management & Gramothan*



## CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY  
PRESENTED TO

**RAGHAV SHARMA**

*For participating in the "Quantum computing Workshop"  
held by "Optica student chapter" on 11 and 18 October 2023*

**Ms. Priyanka Sharma**  
Associate Professor

**Dr. Rukhsar Zafar**  
Associate Professor

**Dr. Kiran Rathi**  
Associate Professor





Swami Keshvanand Institute of Technology,  
Management & Gramathan

**OPTICA**  
Formerly OSA



# CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY  
PRESENTED TO

**SANSKAR CHATURVEDI**

*For participating in the "Quantum computing Workshop"  
held by "Optica student chapter" on 11 and 18 October 2023*

**Ms. Priyanka Sharma**  
Associate Professor

**Dr. Rukhsar Zafar**  
Associate Professor

**Dr. Kiran Rathi**  
Associate Professor

## Name of Event Coordinator:-

Himanshu Agarwal  
ECE 3rd year

Harshal Arora  
2nd year CS(AI)

Sanskar chaturvedi  
2nd year ECE



# Swami Keshvanand Institute of Technology, Management & Gramothan



## Energy and Environmental Awareness Camp

**Date: - 8<sup>th</sup> February 2024**

**Venue: - Rajkiya Prathmik Vidhyalaya, Khera Jagannathpura ,  
Shivdaspura**

**Level of the event: - College level**

**Notice of the event: -**



Swami Keshvanand Institute of Technology  
Management & Gramothan



SKIT/UBA/2023-24/3

Date: - 6/02/2024

### Notice

Unnat Bharat Abhiyan Club

&

Optica Student Chapter

This is to inform all students and staff members that SKIT UBA Club & Optica Student Chapter, SKIT is organizing an "**Energy and Environmental Awareness Camp**" on February 8th, 2024 in Rajkiya Prathmik Vidhyalaya, Khera Jagannathpura, Shivdaspura. This camp is an educational program that combines learning about the principles of optical and electrical energy with promoting environmental awareness and sustainability practices.

For any queries contact faculty coordinators.


Dr. Kiran Rathi  
(Ece dept)  
UBA & Optica  
Coordinator

Dr. Rukhsar Zafar  
(Ece dept)  
Optica Chapter  
Coordinator


Dr. Aakriti Sharma  
(CS Dept)  
ECA Cell  
Chief Coordinator

**Event**

Brochure / Banner: -



Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur



# Unnat Bharat Abhiyan & OPTIGA Student Chapter , SKIT Presents

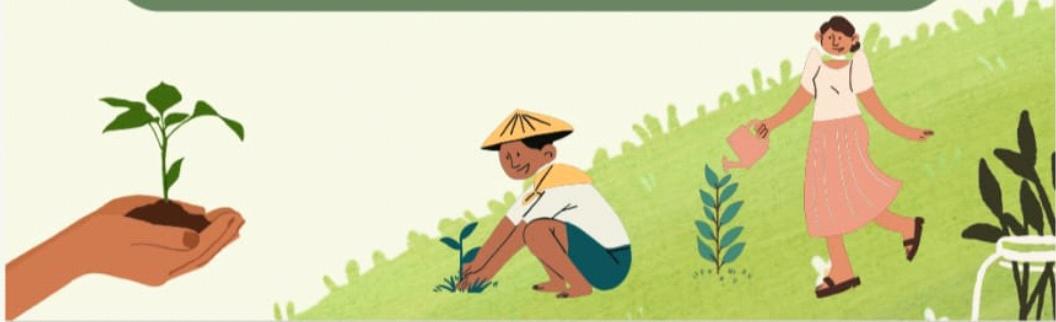
## ENERGY AND ENVIRONMENTAL AWARENESS CAMP

An educational program that combines learning about the principles of optical and electrical energy with promoting environmental awareness and sustainability practices.

**Venue - Rajkiya Prathamik Vidyalaya  
Khera Jaganathpura, Shivdaspura**

**Date - 8 / 2 / 2024**

**Time - 10 : 30 am**



## **Objective of the event: -**

The Energy and Environmental Awareness Camp, organized by the Unnat Bharat Abhiyan Club and Optica Student Chapter, SKIT Jaipur, is an educational program that aims to promote environmental awareness and sustainable practices. The objective is to educate participants on energy conservation, environmental protection, and the importance of adopting green initiatives in daily life. The camp strives to inspire proactive measures for a healthier planet and foster a sense of responsibility towards our environment.

## **Details (Execution): -**

The Energy and Environmental Awareness Camp aimed to instill awareness and knowledge about energy conservation and environmental protection among the students.

Unnat Bharat Abhiyan, in collaboration with Optica Student Chapter, SKIT and Optica Student Chapter, MNIT (Malviya National Institute of Technology), conducted a program under the guidance of Dr. Kiran Rathi, Dr. Rukhsar Zafar and Mr. Rahul Pandey. The students of Rajkiya Prathamik Vidhyalaya in Khera Jagannathpura were engaged in practical demonstrations showcasing various aspects of light and its properties.

Dr. Amit Jhalani, Assistant Professor at SKIT, emphasized the significance of the environment, methods of environmental and energy conservation, and the interdependence of human life on these aspects.

Adding a creative flair to the program, a thematic artistic competition directed by Dr. Kiran Rathi and Mr. Dinesh Kumar provided students with a platform to express their understanding of environmental conservation through art. Prizes were awarded to acknowledge outstanding contributions, fostering a sense of achievement and motivation among the participants.

This initiative not only served to enlighten students on critical environmental issues but also fostered a sense of responsibility and enthusiasm for sustainable practices within the community.

The event, hosted at the Rajkiya Prathamik Vidhyalaya, Khera Jagannathpura, Shivdaspura, engaged students actively, creating a positive ripple effect within the community.

In summary, the collaborative efforts of Unnat Bharat Abhiyan Club and the Optical Student Chapter materialized into an enlightening and impactful event. It not only imparted valuable knowledge but also cultivated a sense of environmental consciousness and responsibility among the participating students and the broader community in Shivdasapura.

### **Details/List of teacher participants: -**

<b>Sr. No.</b>	<b>Name of Teacher</b>	<b>Branch</b>
1.	Dr. Kiran Rathi	ECE
2.	Dr. Amit Jhalani	ME
3.	Mr. Dinesh Kumar	ECE
4.	Dr. Rukhsar Zafar	ECE
5.	Mr. Rahul Pandey	EE

### **Details/List of student participants:**

<b>Sr. No.</b>	<b>Student Name</b>	<b>Univ. Roll No.</b>	<b>Year</b>	<b>Branch</b>
1.	Abhay Bhardwaj	20ESKEC003	IV	ECE
2.	Abhay Mangal	20ESKEC004	IV	ECE
3.	Avni Jain	20ESKEC028	IV	ECE
4.	Bhoomika Bulchandani	20ESKEC030	IV	ECE
5.	Chakshit Gunidia	20ESKEC031	IV	ECE
6.	Chitaansh	20ESKEC034	IV	ECE
7.	Dhruvtash Gupta	20ESKEC038	IV	ECE
8.	Gaurav Kumar Gupta	20ESKEC042	IV	ECE
9.	Harshit Parwani	20ESKEC047	IV	ECE
10.	Kushal Tambi	20ESKEC065	IV	ECE
11.	Astha Jain	20ESKEC027	IV	ECE
12.	Dhruv Jain	20ESKEC037	IV	ECE
13.	Somik Choudhary	20ESKEC300	IV	ECE
14.	Navdeep Choudhary	20ESKEC079	IV	ECE
15.	Manav Rathore	20ESKEC305	IV	ECE
16.	Siddharth Chobey	20ESKEC111	IV	ECE

### **Feedback of the event: -**

The Energy and Environmental Awareness Camp, organized by the Unnat Bharat Abhiyan Club and Optica Student Chapter, SKIT Jaipur Rajkiya

Prathmik Vidhyalaya, Khera Jagannathpura, Shivdaspura received overwhelmingly positive feedback. Participants found the practical demonstrations and artistic competition engaging and informative. Awards and recognition effectively motivated students, leaving a lasting impact on environmental awareness and sustainable practices.

### **Glimpses of event:**









## Certificates of the Event: -



## Signature of Faculty Coordinator: -

Kiran

Dr. Kiran Rathi

(ECE Department)

UBA Club Coordinator



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**



**A**

**Report**

**On**

**Expert Talk on  
“Quantum Effect in Visible Domain”**

**27th April 2024**

## 1. Objective of the event:-

IE(I) and Optica student chapter of Swami Keshvanand Institute of Engineering and Technology Management and Gramothan, Jagatpura , organised an interactive Expert Talk on "Quantum Effect in Visible Domain " on Saturday, 27.04.24. Special guest for this interactive session was Prof. Y.K.Vijay (Director CIST,IIS University ,Jaipur& Ex-Director CDPE ,University of Rajasthan Jaipur).

## 2. Event brochure / banner:-

The banner features logos for SKIT, NAAC A++ (CGPA of 3.57 on a 4-point scale, 6 Engineering Programs Accredited by NBA), OPTICA (Formerly OSA), and the Swami Keshvanand Institute of Technology. The text reads: "Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur Optica student Chapter, SKIT & IE Student chapter, SKIT presents EXPERT TALK 'QUANTUM SCIENCE IN THE VISIBLE DOMAIN'". A circular portrait of Prof. Y.K. Vijay is shown, with his title: "Prof. Y.K. VIJAY Director CIST, IIS University, Jaipur & Ex-Director CDPE, University of Rajasthan Jaipur". The event details are: "27TH APRIL 2024 11:30 AM-12:30 PM" at "MEGHANAD SAHA SEMINAR HALL". Faculty coordinators are Ms. Priyanka Sharma and Mr. Abhinandan Jain. Student coordinators are Sanya Bhatnagar (89557 22701), Raghav Sharma (83066 99261), and Ujjwal Sharma (7877963600).

**3. Date, Time and Venue of the event:** - Saturday, 27<sup>th</sup> April 2024/ 11:30AM-12:30PM /JC Bose Auditorium

**Level of the event:** - College level

**Details/List of invited guest/speakers:-** Prof. Y.K.Vijay (Director CIST,IIS University ,Jaipur& Ex-Director CDPE ,University of Rajasthan Jaipur)

**Details (Execution):-**

An expert lecture on Quantum effects in Visible domain is organized by Optica Student Chapter and IE(I)-

ECE Student chapter of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

On Saturday, 27th April 2024 featured esteemed guests Prof. Y K Vijay, Director, CIST, IIS University, Jaipur (Ex-Director, CDPE, Our, Jaipur). Prof. Vijay was also the resource person for the talk. He enlightened the students about the quantum effect and highlighted that quantum effect can not be neglected and it can be visualized in visible domain. Prof. Vijay emphasized that Quantum science emerged from studies of the smallest objects in nature and today, it promises to deepen the understanding of the universe and deliver groundbreaking technology, from quantum computers to ultra-precise measuring devices to next-generation materials. He also demonstrated various quantum science effects through his experimental setup. He shed light on the contribution of Indian scientists in the realm of quantum science. Prof. Praveen K. Jain, Dy Hod, ECE welcome the guest and highlighted the achievements of OPTICA and IE student chapter. The event was coordinated by Ms. Priyanka Sharma (ECE), and Mr. Abhinandan Jain (ECE). Dr. Swati Arora presented formal vote of Thanks..

**4. Details/List of teacher participants:-**

Sr. No.	Name of Teacher	Branch
1	Dr. Swati Arora	ECE
2	Dr. Praveen Kumar Jain	ECE
3	Ms. Manju Choudhary	ECE
4	Mr. Abhinandan Jain	ECE

**Attendance sheet of participants:-**

S.N	Full Name	Institute/Organization	Candidate type
1	Anuska Prajapati	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
2	Deepak kumar sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
3	Khushi sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
4	Akshita jain	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
5	Harshit agarwal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student

6	Harsh Shrama	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
7	Keshav toshniwal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
8	Arnav dadhich	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student

9	Anmol soni	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
10	Juhi garg	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
11	Akshay jain	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
12	Ashita bansal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
13	Harshita khatkar	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
14	Deepmala sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
15	Gourvangi sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
16	Aman gaur	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
17	Divyansh jain	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
18	Abhi kumar gupta	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
19	Bhavesh gupta	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
20	Faten sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
21	Babit sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
22	Aproov yadav	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student

23	Ankit singhal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
24	Darshan khandelwal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
25	Devendra kumal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
26	Aayush arora	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
27	Ankit mehta	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
28	Ashu prajapat	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
29	Deepak bhinchi	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
30	Deepesh sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
31	Dushyant choudhary	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
32	Jitendra sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
33	Kartik sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
34	Aagam jain	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
35	Gautam meena	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
36	Aashat gautam	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
37	Harshit nenwani	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
38	Agravi yadav	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
39	Darsh agarwal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student

40	Bhavya agarwal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
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41	Soumya bansal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
42	Vatsal vashishtha	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
43	Ridhi gandhi	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
44	Raghav sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
45	Sanya Bhatnagar	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
46	Shubham sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
47	Hemant kumar	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
48	Vivek gang	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
49	Sandeep kumar	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
50	Ronit sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
51	Dargani sethi	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
52	Rushi jindul	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
53	Parun nayak	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
54	Pavitra gautam	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
55	Ayush agarwal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
56	Tanya dwivedi	Swami Keshavanand Institute of Technology, Management and	B. Tech. Student

		Gramothan, Jaipur	
57	Chandrveer singh	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
58	Kuldeep Singh	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
59	Kiran kumar	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
60	Nitin sharma	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
61	Thanvi	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
62	Minuk soni	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
63	Satvik muna	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
64	Rahul	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
65	Sumit mahala	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
66	Suraj singh gahlat	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
67	Tushar singh	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student
68	Mohini mangal	Swami Keshavanand Institute of Technology, Management and Gramothan, Jaipur	B. Tech. Student



**Details of winners / prize distribution:- NA Glimpses of event:-**



# एसकेआईटी में विशेषज्ञ व्याख्यान आयोजित

जयपुर (सीमा सन्देश)।

एसकेआईटी (स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान) में ऑप्टिका स्टुडेंट्स चैप्टर और इंस्टीट्यूट ऑफ इंजीनियर्स स्टुडेंट चैप्टर द्वारा विजिबल डोमेन में क्वांटम प्रभावों पर एक विशेषज्ञ व्याख्यान का आयोजन किया गया। सीआईएसटी, आईआईएस विवि जयपुर के निदेशक प्रो. वाईके विजय अतिथि थे। प्रो. प्रवीण जैन ने अतिथियों का स्वागत किया तथा ऑप्टिका और इंस्टीट्यूट ऑफ इंजीनियर्स स्टुडेंट चैप्टर की उपलब्धियों पर प्रकाश डाला। व्याख्यान विशेषज्ञ प्रो. विजय ने



क्वांटम इफेक्ट्स पर व्याख्यान प्रस्तुत किया। उन्होंने छात्रों को क्वांटम प्रभाव के बारे में बताया और इस बात पर प्रकाश डाला कि क्वांटम प्रभाव को इसे दृश्यमान क्षेत्र में देखा जा सकता है। प्रो. विजय ने इस बात पर जोर दिया कि क्वांटम विज्ञान प्रकृति में सबसे

छोटी वस्तुओं के अध्ययन से उभरा है और आज, यह ब्रह्मांड की समझ को गहरा करने और क्वांटम कंप्यूटर, अति सटीक माप उपकरणों से लेकर अगली पीढ़ी की सामग्रियों तक अभूतपूर्व तकनीक प्रदान करने में सक्षम है। उन्होंने क्वांटम विज्ञान के क्षेत्र में

भारतीय वैज्ञानिकों के योगदान से सभी को अवगत कराया तथा अपने प्रायोगिक सेटअप के माध्यम से विभिन्न क्वांटम विज्ञान प्रभावों का भी प्रदर्शन किया। समन्वय प्रियंका शर्मा और अभिनंदन जैन ने किया। डॉ. स्वाति अरोड़ा व डॉ. रुखसार जफर ने धन्यवाद किया।

सम्पन्न की जायेगी।

## विशेषज्ञ व्याख्यान का आयोजन



### ■ दिव्य राष्ट्र

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान, जयपुर के ऑप्टिका स्टूडेंट चैप्टर और इंस्टीट्यूट ऑफ इंजीनियरिंग स्टूडेंट चैप्टर द्वारा विज़िबल डोमेन में क्वांटम प्रभावों पर एक विशेषज्ञ व्याख्यान का आयोजन किया गया, इस कार्यक्रम के सम्मानित अतिथि प्रो. वाई के विजय, निदेशक सीआईएसटी, आईआईएस विश्वविद्यालय, जयपुर (पूर्व निदेशक, सीडीपीई, राजस्थान यूनिवर्सिटी जयपुर) रहे। कार्यक्रम की शुरुआत में प्रो. प्रवीण जैन, ने अतिथियों का स्वागत किया और ऑप्टिका और इंस्टीट्यूट ऑफ इंजीनियरिंग स्टूडेंट चैप्टर की उपलब्धियों पर प्रकाश डाला।

## REPORT

**Name of the event:-** International Day of Light 2024

**Date of the event:-** 16/05/2024

**Time of the event:-** 10-11 AM

**Venue of the event:** ECL-12

**Level of the event:** Intra college

**Event brochure or banner:**



**SKIT**  
असतो मा सद्गमय

**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

**Optica student Chapter, SKIT**  
celebrating

**International Day of Light**  
(16 May 2024, 10–11 am)  
Venue: ECL 12, ECE Department, SKIT  
(Awareness Program and Quiz)

**STUDENT COORDINATOR**  
Himanshu Agarwal (B.Tech. III Yr)  
Chirag Gurnami (B.Tech. III yr)

**FACULTY COORDINATOR**  
Ms. Priyanka Sharma  
Dr. Kiran Rathi  
Dr. Rukhsar Zafar

**Objective of the event:-** To create a focal point for the continued appreciation of light.

**Details (execution):-**

A quiz based competition with three rounds followed by prize distribution ceremony.

**Details of faculty coordinators:-**

Sr. No.	Name of teacher	Department
1	Dr. Rukhsar Zafar	ECE
2	Dr. Kiran Rathi	ECE
3	Ms. Priyanka Sharma	ECE

**Details of student coordinators and volunteers:**

Sr. No.	Name	Univ. Roll no	Year	Branch
1	Himanshu Agarwal	21ESKEC027	III	ECE
2	Chirag Gurnani	21ESKEC020	III	ECE

**Details of student participants:**

Sr.no.	Name	Univ. Roll no	Year	Branch
1	21ESKEC001	Aakash Yadav	III	ECE
2	21ESKEC002	Aarohi Malsaria	III	ECE
3	21ESKEC003	Abhay Raj Shukla	III	ECE
4	21ESKEC004	Abhijeet Agarwal	III	ECE
5	21ESKEC005	Abhijeet Giri	III	ECE
6	21ESKEC007	Abhishek Kumar	III	ECE
7	21ESKEC008	Aditya Rawat	III	ECE
8	21ESKEC012	Ameen Zehra	III	ECE
9	21ESKEC013	Anmol Gupta	III	ECE
10	21ESKEC014	Anupam Jain	III	ECE
11	21ESKEC015	Arsh Lakhwal	III	ECE
12	21ESKEC016	Aryan Birla	III	ECE
13	21ESKEC017	Aryan Sharma	III	ECE
14	21ESKEC019	Bhavesht Agarwal	III	ECE
15	21ESKEC020	Chirag Gurnani	III	ECE
16	21ESKEC021	Deepanshu Khandelwal	III	ECE
17	21ESKEC022	Devang Joshi	III	ECE
18	21ESKEC023	Dishika Sharma	III	ECE
19	21ESKEC024	Diya Sharma	III	ECE
20	21ESKEC026	Hardik Sharma	III	ECE
21	21ESKEC027	Himanshu Agarwal	III	ECE
22	21ESKEC030	Jai Kumar Bisaria	III	ECE
23	21ESKEC031	Jai Prakash Anand	III	ECE
24	21ESKEC033	Karan Sharma	III	ECE
25	21ESKEC034	Karishma Kumawat	III	ECE
26	21ESKEC035	Khushi Rajawat	III	ECE
27	21ESKEC038	Lovesh Chhabra	III	ECE

28	21ESKEC039	Manav Singh	III	ECE
29	21ESKEC040	Mohit Ramnani	III	ECE
30	21ESKEC041	Naman Tak	III	ECE
38	21ESKEC042	Nandani Khandelwal	III	ECE

**Details of winners/prize distribution:-**

Sr.no.	Univ. roll.no.	Name	Year	Branch	Position
1	21ESKEC019	Bhavesh Agarwal	III	ECE	1 <sup>st</sup>
2	21ESKEC016	Aryan Birla	III	ECE	2 <sup>nd</sup>

**Brief Report:** An international day of light is celebrated by Optica student chapter of Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur on 16th May 2024. This day is observed on 16 May each year to commemorate the anniversary of the first successful operation of the laser in 1960 by physicist and engineer, Theodore Maiman. The day is observed to raise awareness about the significance of light and how we can explore ways to encourage scientific collaboration and possibilities of light-based technologies for innovation, creativity, and sustainable societies. The event started with the motivational note of Prof. Monika Mathur and Dr. Rukhsar Zafar of the host institute. They inspired the students to come together to implement the application of light and light-based technology for innovation. They emphasized the importance of light in our daily life and how a scientific discovery in the related field yielded revolutionary benefits to society in communications, healthcare, and many other fields. They also highlighted the key points and benefits of OPTICA student chapter, SKIT.

The event was continued with an interactive quiz session on the topic "Laser and Optical devices " between two teams. The winners are also awarded with exciting prizes. The event was successfully organized under the supervision of Dr. Kiran Rathi and Ms. Priyanka Sharma.

**Glimpses of event:**





Media Coverage:

के बाद बेहतर तरीके से इन अंग्रेजी स्कूलों का संचालन किया जाएगा।

**एसकेआईटी में मनाया प्रकाश दिवस: लेजर के पहले संचालन की स्मृति में आयोजन...**

## प्रकाश के महत्व के बारे में जागरूकता बढ़ाने का प्रयास



■ 'लेजर और ऑप्टिकल उपकरण' विषय पर एक प्रश्नोत्तरी सत्र भी हुआ

बेधड़क | जयपुर

अंतरराष्ट्रीय प्रकाश दिवस का आयोजन स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान (एसकेआईटी), जयपुर के ऑप्टिका छात्र अध्याय द्वारा 16 मई 2024 को किया गया। साल 1960 में भौतिक विज्ञानी और इंजीनियर, थियोडोर मैमन द्वारा लेजर के पहले सफल संचालन की याद में यह दिन प्रत्येक वर्ष 16 मई को मनाया जाता है। इस दिन को प्रकाश के महत्व के बारे में जागरूकता बढ़ाने के लिए मनाया जाता है, जिससे कि प्रकाश आधारित तकनीकी के क्षेत्र में अनुसंधान को प्रोत्साहन दिया जा सके। इस आयोजन की शुरुआत संस्थान के प्रो. मोनिका माथुर और डॉ.

जीवन में प्रकाश का महत्व बताया

जफर ने दैनिक जीवन में प्रकाश के महत्व को बताया और और यह भी बताया कि इस तकनीकी के उपयोग से समाज के विभिन्न क्षेत्रों में लाभकारी परिणाम प्राप्त हुए। उन्होंने ऑप्टिका छात्र अध्याय, एसकेआईटी के महत्वपूर्ण बिंदुओं और लाभों को भी उजागर किया।

प्रश्नोत्तरी में विजेता पुरस्कृत

कार्यक्रम में "लेजर और ऑप्टिकल उपकरण" विषय पर एक प्रश्नोत्तरी सत्र भी आयोजित की गई। जिसमें विजेताओं को रोमांचक पुरस्कारों से सम्मानित किया गया। इस कार्यक्रम का संचालन डॉ. किरण राठी और प्रियंका शर्मा के नेतृत्व में किया गया।

रुखसार जफर के उत्साहजनक व्याख्यान के साथ हुई। उन्होंने छात्रों को इस तकनीक के उपयोग से नवाचार के लिए प्रेरित किया।



## एसकेआईटी में अंतरराष्ट्रीय प्रकाश दिवस का आयोजन

P3 Police Public Politics

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान (एसकेआईटी), जयपुर के ऑप्टिका छात्र अध्याय द्वारा 16 मई 2024 को किया गया। 1960 में भौतिक विज्ञानी और इंजीनियर, थियोडोर मैमन द्वारा लेजर के पहले सफल संचालन की याद में यह दिन प्रत्येक वर्ष 16 मई को मनाया जाता है। इस दिन को प्रकाश के महत्व के बारे में जागरूकता बढ़ाने के लिए मनाया जाता है, जिससे कि प्रकाश आधारित तकनीकी के क्षेत्र में अनुसंधान को प्रोत्साहन दिया जा सके। इस आयोजन की शुरुआत संस्थान के प्रो. मोनिका माथुर और डॉ. रुखसार जफर के उत्साहजनक व्याख्यान के

साथ हुई। उन्होंने छात्रों को इस तकनीक के उपयोग से इस क्षेत्र में नवाचार के लिए प्रेरित किया। उन्होंने दैनिक जीवन में प्रकाश के महत्व को बताया और और यह भी बताया कि इस तकनीकी के उपयोग से समाज के विभिन्न क्षेत्रों में लाभकारी परिणाम प्राप्त हुए। उन्होंने ऑप्टिका छात्र अध्याय, एसकेआईटी के महत्वपूर्ण बिंदुओं और लाभों को भी उजागर किया।

कार्यक्रम में 'लेजर और ऑप्टिकल उपकरण' विषय पर एक प्रश्नोत्तरी सत्र भी आयोजित की गई जिसमें विजेताओं को रोमांचक पुरस्कारों से सम्मानित किया गया। इस कार्यक्रम का संचालन डॉ. किरण राठी और मिस प्रियंका शर्मा के नेतृत्व में किया गया।

Dr. Ruksar Zafar  
(Faculty Coordinator)

Himanshu Agarwal  
(Student coordinator)