

PHYSITHON
SOCIETY
Activity report
2024-25

List of the activities –

Sr. No.	Name of the events	Date
1.	Rising star	17 May 2024
2.	Astroverse	23 August 2024
3.	Orientation	30 August 2024
4.	Understanding NEP	05 September 2024
5.	Teachers day	05 September 2024
6.	YSA	25 September 2024
7.	Quantum mechanics made simple	30 September 2024
8.	NPL visit	01 October 2024
9.	Searching for Heaven	14 October 2024
10.	Seminar- Contribution on contemporary Science and advancement of society	21 October 2024
11.	National Science Day	04 March 2025

Report on Rising Star

- **Society:** PHYSITHON SOCIETY
- **Name of the activity:** Rising Star
- **Funding Agency (Internal/External) and Amount:**
(Internal) Rs. 0/-
- **Name of the CONVENER:** Prof. Punita Verma
- **Name of the CO-CONVENER:** - Dr. Savita Sharma,
Dr. V. Bhaskar Raj
- **Date/s (-to-) and time (-to-) of activity:** 17 May 2024,
10:30am-3:00pm

Poster of Rising Star event :



Physithon
The Physics Society
Department of Physics

17th MAY 2024
10:30AM Onwards
Sangam Parisar

Presents
National Seminar

**RISING STARS:
EXPLORING FUTURES TOGETHER**

Resource Person:
Prof. Amarjeet Kaur
Senior Professor
Department of Physics & Astrophysics &
Treasurer, Governing Body, Kalindi College
University of Delhi

Mannat Rana Vice-President	Umang President	Dr. Savita Sharma Co-Convener	Dr. V. Bhasker Raj Co-Convener	Prof. Punita Verma Convener	Prof. Meena Charanda Principal
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Report of the event

Physithon Society of Physics department organised a lecture by Prof. Amarjeet Kaur, a Senior professor of physics department and Astrophysics and treasurer, governing body, Kalindi College. Event began by lightening of lamp and then Prof. Amarjeet Kaur was invited on stage to deliver her lecture. Her lecture covered key areas related to electronic devices, conducting polymers, and their relevance in the modern era. The session was structured around four main topics, which provided a comprehensive understanding of the subject matter.

She began by discussing various types of electronic devices, aiming to provide a Foundational understanding for the audience. This section served as an introduction to Electronic devices, their basic functions, and the role they play in everyday life.

The lecture then transmitted into historical development of conducting polymers, focusing On advancements made during the 1970s and 1980s. This section detailed how these Materials became pivotal in the field of electronics due to their unique conductive Properties. Moving into the present day, she highlighted the significant applications of Conducting polymers, showcasing the polymers' importance in modern technology, Including their use in sensors, batteries, and flexible electronics.

The session concluded with insights into the research opportunities and career prospects Within the field of conducting polymers and electronic devices. This provided attendees With information on the future scope of this field, encouraging interest in pursuing careers Or further research in related areas.

The talk successfully covered the evolution of conducting polymers and their growing Significance, offering a clear roadmap for students and professionals interested in this domain.

Attendance

Sr. No.	Name	Course/Year	College Name
1.	Ishu Bhadana	BSc (H) Physics II year	Kalindi College
2.	Madhavi Sharma	BSc (H) Physics II year	Kalindi College
3.	Suruchi Singh	BSc (H) Physics II year	Kalindi College
4.	Dipakshi Sarma	BSc (H) Physics II year	Kalindi College
5.	Sadegi Dubey	BSc (H) Physics II year	Kalindi College
6.	Chhavi Jhawar	BSc (H) Physics II year	Kalindi College
7.	Sweta	BSc (H) Physics II year	Kalindi College
8.	Sonu	BSc (H) Physics II year	Kalindi College
9.	Sakshi	BSc (H) Physics II year	Kalindi College
10.	Suman Burdak	BSc (H) Physics II year	Kalindi College
11.	Tamanna	BSc (H) Physics II year	Kalindi College
12.	Sonali Kumari	BSc (H) Physics II year	Kalindi College
13.	Disha Gumber	BSc (H) Physics II year	Kalindi College
14.	Shanvi	BSc (H) Physics II year	Kalindi College
15.	Shalini	BSc (H) Physics II year	Kalindi College
16	Ruchi Pant	BSc (H) Physics II year	Kalindi College
17	Asha	BSc (H) Physics II year	Kalindi College

18	Ishika Belwal	BSc (H) Physics II year	Kalindi College
19	Supriya	BSc (H) Physics II year	Kalindi College
20	Afreen Chaudhary	BSc (H) Physics I year	Kalindi College
21	Shweta Sharma	BSc (H) Physics I year	Kalindi College
22	Divyanka Rana	BSc (H) Physics I year	Kalindi College
23	Kalpana	BSc (H) Physics I year	Kalindi College
24	Anushka	BSc (H) Physics I year	Kalindi College
25	Parul	BSc (H) Physics I year	Kalindi College
26	Sakshi	BSc (H) Physics I year	Kalindi College
27	Shivani	BSc (H) Physics I year	Kalindi College
28	Tanya	BSc (H) Physics I year	Kalindi College
29	Privani	BSc (H) Physics I year	Kalindi College
30	Ankita Pandey	BSc (H) Physics I year	Kalindi College
31	Aditi	BSc (H) Physics I year	Kalindi College
32	Sneha	BSc (H) Physics I year	Kalindi College
33	Bhumi	BSc (H) Physics I year	Kalindi College
34	Deepali	BSc (H) Physics I year	Kalindi College

Photos of the event



Geo tag photo of the event location



Lamp light ceremony



Lecture by Prof. Amarjeet Kaur.



Spreading greenery and knowledge

Certificate



KALINDI COLLEGE
University of Delhi
(Accredited with "A+" by NAAC)

Physithon Society , Department of Physics

presents

CERTIFICATE OF APPRECIATION

To

Ms. Ishu Bhadana

for her significant role in
"National Seminar-Rising Stars: Exploring Future Together"
held on 17th May 2024.




Prof. Meena Charanda
Principal
Kalindi College


Prof. Punita Verma
Convenor
Physithon Society


Dr. V. Bhasker Raj
Co-Convenor
Physithon Society


Dr. Savita Sharma
Co-Convenor
Physithon Society



KALINDI COLLEGE
University of Delhi
(Accredited with "A+" by NAAC)

Physithon Society , Department of Physics

presents

CERTIFICATE OF APPRECIATION

To

Ms. Soumya Sahay

for her significant role in
"National Seminar-Rising Stars: Exploring Future Together"
held on 17th May 2024.




Prof. Meena Charanda
Principal
Kalindi College


Prof. Punita Verma
Convenor
Physithon Society


Dr. V. Bhasker Raj
Co-Convenor
Physithon Society


Dr. Savita Sharma
Co-Convenor
Physithon Society



KALINDI COLLEGE

University of Delhi

(Accredited with "A+" by NAAC)



Physithon Society , Department of Physics

presents

CERTIFICATE OF APPRECIATION

To

Ms. Samaira F. Rizvi

for her significant role in

"National Seminar-Rising Stars: Exploring Future Together"

held on 17th May 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co-Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
Co-Convenor
Physithon Society



KALINDI COLLEGE

University of Delhi

(Accredited with "A+" by NAAC)



Physithon Society , Department of Physics

presents

CERTIFICATE OF APPRECIATION

To

Ms. Suruchi Singh

for her significant role in

"National Seminar-Rising Stars: Exploring Future Together"

held on 17th May 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co-Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
Co-Convenor
Physithon Society



KALINDI COLLEGE

University of Delhi

(Accredited with "A+" by NAAC)



Physithon Society , Department of Physics

presents

CERTIFICATE OF APPRECIATION

To

Ms. Sadegi Dubey

for her significant role in

"National Seminar-Rising Stars: Exploring Future Together"

held on 17th May 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co-Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
Co-Convenor
Physithon Society



KALINDI COLLEGE

University of Delhi

(Accredited with "A+" by NAAC)



Physithon Society , Department of Physics

presents

CERTIFICATE OF APPRECIATION

To

Ms. Priya Negi

for her significant role in

"National Seminar-Rising Stars: Exploring Future Together"

held on 17th May 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co-Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
Co-Convenor
Physithon Society

Report of Astroverse

Society: PHYSITHON SOCIETY

Name of the activity: ASTROVERSE

Funding Agency (Internal/External) and Amount:

Internal (Kalindi College)-Rs 0/-

External (Sponsorship)- Rs 6000/-

Name of the Convener: Prof. Punita Verma

Name of the Co. Conveners: Dr. Savita Sharma and Dr. V. Bhasker Raj

Date/s (-to-) and time (-to-) of activity: 23 August 2024, 09:30am to 4:30pm.

Number of Participants: 48 Students

Number of participants outside Kalindi College: 04 Students

Poster of the event



Kalindi College

University of Delhi

NAAC Accredited Grade A+



Physithon society, Department of Physics

in collaboration with

National Academy of Sciences, India (NASI), Delhi Chapter
celebrates

National Space Day

ASTROVERSE

Touching lives by touching the moon: India's space saga

Space Science

by

Ms. Suma Santhosh

EWCD Division

Vikram Sarabhai Space Centre

Telescopes :Peep into deep sky

followed by a Hands-on-activity

by

Mr. Amit Kumar Sharma

Science & Astronomy Expert at

Nirbhaya Science Museum, New Delhi.



Quiz, Lecture, E-poster making Competition, Design your own
Space mission Competition, Movie Screening

23 August, 2024 | 9:00 am- 4:00 pm

Venue: Seminar Room and

Lab 1- Dept. of Physics

Register here :

<https://forms.gle/pf6oCvi1XSc7okCA8>

Prof. Meena Charanda

Principal

Kalindi College

Prof. Punita Verma

Convener

Department of Physics

Dr. Savita Sharma

Programme Co-ordinator

Department of Physics

Dr. V. Bhasker Raj

Programme Co-ordinator

Department of Physics

Report on the event

Kalindi College, University of Delhi, hosted a National Space Day event sponsored by the National Academy of Sciences, India (NASI). The event featured insightful lectures, competitions, and interactive activities celebrating India's achievements in space exploration.

Keynote Lecture by Ms. Suma Santhosh

Ms. Suma Santhosh, a scientist from the Vikram Sarabhai Space Centre, delivered a lecture on India's space journey. She connected ancient Indian astronomical achievements with modern missions like Aryabhata, Mangalyaan, and Chandrayaan. She also discussed launch vehicles (GSLV, PSLV) and the technology behind them, including cryogenic engines. The lecture concluded with videos of Chandrayaan-3, offering insights into lunar exploration.

Quiz Competition

The offline quiz began at 10:00 AM, featuring two rounds. The top 10 participants from the first round advanced to the final. The competition was both enjoyable and educational.

E-Poster Making Competition

This online event had participants submit posters beforehand, and results were announced on August 23.

“Design Your Space Mission” Competition

Held from 2:00 to 3:00 PM, this event encouraged participants to design unique space missions. Prof. Rachna Kumar and Prof. Seema Gupta judged the event.

Group 1 (Ishu & Suruchi, Kalindi College): Possibility of Life on the Moon

Group 2 (Pulkit Yadav, ARSD College): Chandrayaan-3

Group 3 (Privani & Madhavi, Kalindi College): Going to the Future with the Lens of the Past

Lecture by Mr. Amit Sharma

Mr. Amit Sharma delivered an engaging lecture on telescopes, blending Vedic knowledge with modern science. The session was interactive and well-received by both students and teachers.

Hands-on Telescope Assembly Session

Following Mr. Sharma's lecture, winners of all events participated in assembling telescopes. This interactive session enhanced practical learning and engagement.

The event successfully celebrated India's space achievements, fostering enthusiasm and curiosity among students.

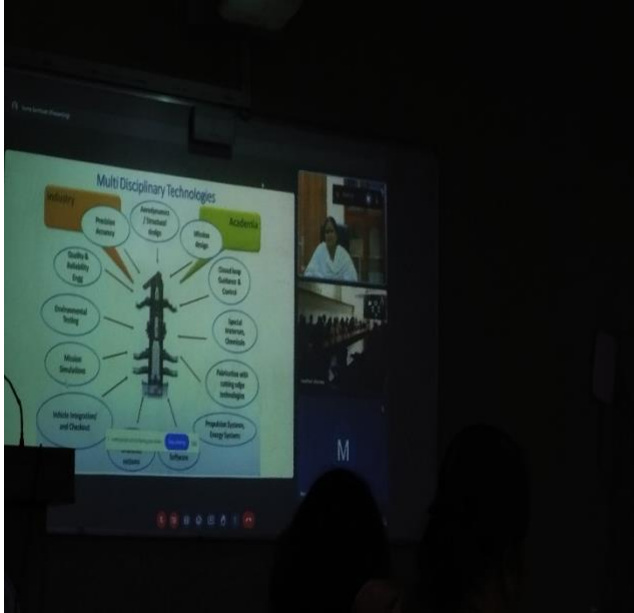
Attendance

Sr. No.	Name	Course/Year	College Name
1.	Ishu Bhadana	BSc (H) Physics III year	Kalindi College
2.	Madhavi Sharma	BSc (H) Physics III year	Kalindi College
3.	Suruchi Singh	BSc (H) Physics III year	Kalindi College
4.	Dipakshi Sarma	BSc (H) Physics III year	Kalindi College
5.	Sadegi Dubey	BSc (H) Physics III year	Kalindi College
6.	Chhavi Jhawar	BSc (H) Physics III year	Kalindi College
7.	Sweta	BSc (H) Physics III year	Kalindi College
8.	Sonu	BSc (H) Physics III year	Kalindi College
9.	Sakshi	BSc (H) Physics III year	Kalindi College
10.	Suman Burdak	BSc (H) Physics III year	Kalindi College
11.	Tamanna	BSc (H) Physics III year	Kalindi College
12.	Sonali Kumari		Kalindi College
13.	Disha Gumber	BSc (H) Physics III year	Kalindi College
14.	Shanvi	BSc (H) Physics III year	Kalindi College
15.	Shalini	BSc (H) Physics III year	Kalindi College
16	Ruchi Pant	BSc (H) Physics III year	Kalindi College
17	Asha	BSc (H) Physics III year	Kalindi College
18	Ishika Belwal	BSc (H) Physics III year	Kalindi College
19	Supriya	BSc (H) Physics III year	Kalindi College
20	Afreen Chaudhary	BSc (H) Physics II year	Kalindi College

21	Shweta Sharma	BSc (H) Physics II year	Kalindi College
22	Divyanka Rana	BSc (H) Physics II year	Kalindi College
23	Kalpana	BSc (H) Physics II year	Kalindi College
24	Anushka	BSc (H) Physics II year	Kalindi College
25	Parul	BSc (H) Physics II year	Kalindi College
26	Sakshi	BSc (H) Physics II year	Kalindi College
27	Shivani	BSc (H) Physics II year	Kalindi College
28	Tanya	BSc (H) Physics II year	Kalindi College
29	Privani	BSc (H) Physics II year	Kalindi College
30	Ankita Pandey	BSc (H) Physics II year	Kalindi College
31	Aditi	BSc (H) Physics II year	Kalindi College
32	Sneha	BSc (H) Physics II year	Kalindi College
33	Bhumi	BSc (H) Physics II year	Kalindi College
34	Deepali	BSc (H) Physics II year	Kalindi College
35	Pooja Kumari	BSc Physical Sciences III year	Kalindi College
36	Dipanshu	BSc Physical Sciences III year	Kalindi College
37	Anjali Ojha	BSc Physical Sciences III year	Kalindi College
38	Rity Yadav	BSc Physical Sciences III year	Kalindi College
39	Sai Tripti	BSc Physical Sciences III year	Kalindi College

40	Chanchal Kaushik	BSc Physical Sciences III year	Kalindi College
41	Rity Yadav	BSc Physical Sciences III year	Kalindi College
42	Harshita	BSc Physical Sciences III year	Kalindi College
43	Vidushi	BSc Physical Sciences III year	Kalindi College
44	Parul	BSc Physical Sciences III year	Kalindi College
45	Ankit	BSc (H) Maths II year	Rajdhani College
46	Divya	BA (Prog) II year	Gargi College
47	Pulkit	BSc Industrial Chemistry	ARSD
48	Harish	BA Program	PGDAV

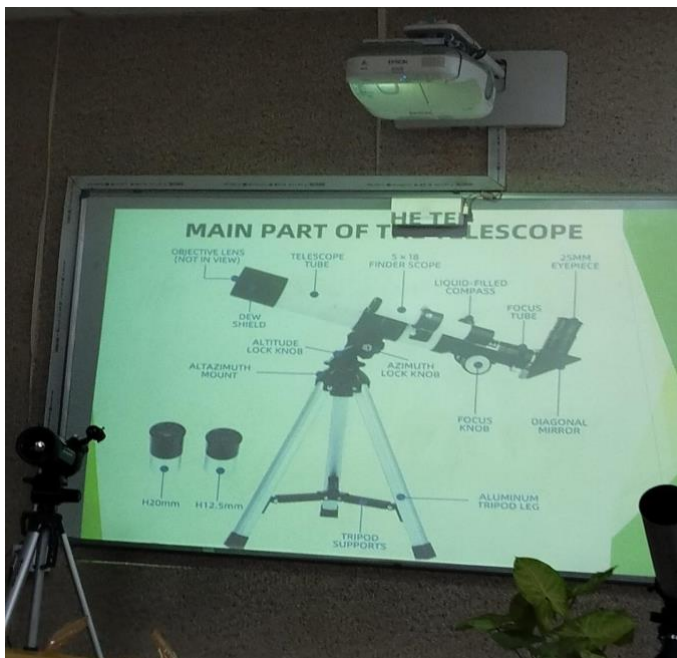
PHOTOGRAPHS



Lecture by Ms. Suma Santosh



Lecture by Mr. Amit Sharma



Components of telescope.



Tokens of gratitude for guest lecturer

Certificates



KALINDI COLLEGE
UNIVERSITY OF DELHI
(ACCREDITED WITH GRADE 'A+' BY NAAC)

PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS
IN COLLABORATION WITH
THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI), DELHI CHAPTER

presents

CERTIFICATE OF RECOGNITION

To

Ms. Suruchi Singh

for securing the **First Place in the Quiz Competition** held during the Inter-College event, "**Astroverse**" to celebrate the "**National Space Day**" held on 23rd August, 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society

Prof. Anurag Sharma
Chairperson
NASI, Delhi Chapter

V. Bhasker Raj
Dr. V. Bhasker Raj
Co - Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
Co - Convenor
Physithon Society



KALINDI COLLEGE
UNIVERSITY OF DELHI
(ACCREDITED WITH GRADE 'A+' BY NAAC)

PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS
IN COLLABORATION WITH
THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI), DELHI CHAPTER

presents

CERTIFICATE OF RECOGNITION

To

Ms. Harish Singh

for securing the **Second Place in the Quiz Competition** held during the Inter-College event, "**Astroverse**" to celebrate the "**National Space Day**" held on 23rd August, 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society

Prof. Anurag Sharma
Chairperson
NASI, Delhi Chapter

V. Bhasker Raj
Dr. V. Bhasker Raj
Co - Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
Co - Convenor
Physithon Society





Report on Orientation

Date: August 30, 2024

Venue: Laboratory – 1, Science block, Kalindi College,
University of Delhi

Name of the Convener : Prof. Punita Verma

Name of the Co. Convener : Dr. Savita Sharma and
Dr. V. Bhasker Raj

Time : 9:30 a.m. to 2:00 p.m.

Report of the event

The Orientation Day for B.Sc. (H) Physics, 1st-year students was held on August 30, 2024, at Kalindi College, University of Delhi.

Organized by the Physics Department, the event aimed to introduce students to the college, curriculum, facilities, and faculty while encouraging interaction.

The program began at 9:30 AM with a welcome address by Prof. Punita Verma, TIC of the Physics Department, who introduced faculty and lab staff. The college principal extended a warm welcome, emphasizing the importance of attendance.

The Physithon Society and its past activities, including the IISF visit, National Space Day, and a donation drive, were introduced. The department's magazine, Macrocosm, was also highlighted. Additionally, information about Career Vartalap, National Physical Laboratory, and Indian National Space Academy visits was provided.

Dr. Savita Sharma and Prof. Rachna Kumar explained the course structure, timetable, and add-on courses, while students were also introduced to cultural clubs and sports.

The event was well-attended by students and guardians, successfully familiarizing them with the college environment and academic expectations.

Attendance

Sr. No.	Name	Course and year	Roll no.
1.	Ankita Pandey	Bsc (H) Physics, II year	23567007
2.	Aditi		23567033
3.	Siddhi	Bsc. (H) Physics III year	22567001
4.	Chhavi		22567006
5.	Sadegi		22567008
6.	Suruchi		22567023
7.	Tamanna		22567025
8.	Ishu		22567031
9.	Shanvi		22567032
10.	Sonu		22567038
11.	Madhavi		22567039
12.	Sakshi		22567041
13.	Disha		22567046
14.	Dipakshi		22567048

Photos of the events



Freshers attending the event



Understanding NEP

Name of the Society: Physithon Society

Name of the event : Understanding NEP

Date and time : 05 September 2024, 6:00 p.m. onwards

Name of the convener: Prof. Punita Verma , Dr. Savita Sharma

Name of the co- convener : Dr. V. Bhaskar Raj

Venue : Google meet

Poster of the event



दीक्षारंभ

Kalindi College

University Of Delhi
NAAC ACCREDITED GRADE 'A+'



Kalindi College Alumni Association

in Collaboration with

Physithon, The Physics Society

presents

Understanding National Education Policy

Familiarization with NEP Course Structure

DATE : 5th September, 2024

TIME : 6 : 00 P.M onwards

VENUE : Google Meet

GOOGLE MEET LINK: <https://meet.google.com/cho-mtwa-gma>



Dr. V. Bhasker Raj
Programme Coordinator
Co-Convener, Physithon Society



Mr. Kapil Kumar
Programme Coordinator
Department of Physics



Dr. Varsha
Programme Coordinator
Department of Physics



Dr. Savita Sharma
Convener
President, Alumni Association



Prof. Punita Verma
Convener
Teacher-In Charge,
Department of Physics



Prof. Meena Charanda
Principal
Kalindi College

Report of the event

The program began with teachers introducing themselves and welcoming the students. Faculty members provided insights into the course structure, facilities, and resources available to students. Students were also informed about the New Education Policy (NEP) and its benefits, including flexibility in course selection, interdisciplinary learning, and skill-based education.

The event successfully familiarized students with the college environment, ensuring a smooth transition into their academic journey.

Teacher's day:- Report of the event

Name of the Society: Physithon society

Name of the event: Teacher's day

Date and time (-to-) of the event: September 5, 2024
1:00 PM - 3:00 PM

Venue: Physics Laboratory 1

No. Of participants: 47

Report of the event

Students organised Teachers' Day celebration in college on 5th September to honor and appreciate the efforts of our dedicated teachers. The event was held in the Physics Laboratory 1.

The celebration began with a warm welcome from the students, followed by a cake-cutting ceremony. The cake was cut by teachers. Students and teachers cheered together, capturing moments with photos and applause.

Attendance :-

Sr. No.	Course and year	Name
1.	Bsc. Physics hons. 1st year	Ishita
2.		Gaurangi
3.		Mehak
4.		Mahi
5.		Saeeda
6.		Aanchal
7.		Anjali
8.		Anshika
9.		Yashasvi
10.		Drishti
11.	Bsc. Physics hons. 2nd year	Ankita Pandey
12.		Deepali
13.		Divyanka
14.		Sneha
15.		Afreen
16.		Darshita
17.		Kritika
18.		Shweta
19.		Aditi

20.		Kalpana
21.		Sakshi
22.		Sangam
23.		Anushka
24.		Parul
25.		Shivani
26.	Bsc. Physics hons. 3rd year	Siddhi Srivastava
27.		Dipakshi
28.		Ishika
29.		Disha
30.		Sejal
31.		Ruchi
32.		Sakshi
33.		Suman
34.		Madhavi
35.		Sonu
36.		Janvi
37.		Shalini
38.		Shanvi
39.		Ishu
40.		Asha
41.		Sweta
42.		Tamanna

43.		Suruchi
44.		Sadegi
45.		Supriya
46.		Chhavi
47.		Sonali

Photograph of the event :-



Teachers of physics department



Cake for the celebration



Group photo of all the students

REPORT ON YUVA SHAKTI ABHIYAN 2024

Kalindi college, DU

Society: PHYSITHON SOCIETY

Name of the Convener: Prof. Punita Verma,

Name of the Co. Convener: Dr. Savita Sharma, Dr. Varsha, and Dr. V. Bhasker Raj

Name of the Activity: Yuva Shakti Abhiyan

Platform: Google meet (ONLINE)

Date/s (-to-) of activity: September 25, 2024, to October 3, 2024.

Time (-to-) of activity: 7:00 pm to 8:00 pm

Poster of the event



**Kalindi College
University of Delhi**

DEPARTMENT OF PHYSICS
in collaboration with
INDRAPRASTHA SHAKTI
is organizing
"YUVA SHAKTI ABHIYAN 2024"
(1 week Workshop)

Platform
Google Meet

No
Registration
Fees

Pre-Conference activity of STREE 2024 Theme:
"Women as Conservator and Propagator of Indian Knowledge System "
आदि से अमृत काल तक
25th SEPTEMBER - 3rd OCTOBER 2024

Highlights of the workshop

- Health and Hygiene
- Food and Nutrition
- Personality development
- Education and Skilled based career
- Legal Literacy and General Awareness
- Social Responsibilities
- Cultural ethos & Parenting...many more.

Limited Seats!
Only for Kalindi Students!
7:00 pm – 8:00 pm

Registration Link <https://forms.gle/992XpwUKBpZJuu3V8>
E- certificate will be given to students on successful completion
(Registration is mandatory)

Principal
Prof. Meena Charanda

Program Coordinators
Prof. Punita Verma,
Dr. V. Bhasker Raj,
Dr. Kapil Kumar,
Dr. Savita Sharma,
Dr. Varsha,
(Kalindi College)

National Coordinator
Prof. Punita Verma
(Yuva Shakti Abhiyan)

Delhi State Coordinator
Dr. Darshan
(DRC & YSA Shakti)

Delhi State Co-Coordinator
Dr. Savita Sharma
(Kalindi College & YSA Shakti)

Report of the event

Physics department of Kalindi College, University of Delhi in collaboration with Indraprastha Shakti is organizing one week workshop on “Yuva Shakti Abhiyan 2024” from 25th September to 3rd October 2024. The theme of the conference is “Women as Conservator and Propagator of Indian Knowledge System”.

The week-long program covered diverse topics aimed at holistic development.

Personality Development (25-09-24) – Mrs. Sunita Rajiv emphasized self-awareness, emotional control, and the five key factors of personality development: physical, social, emotional, mental, and spiritual well-being. She also discussed the role of nutrition in personal growth.

Health and Hygiene (26-09-24) – Dr. Tanisha Sharma from AIIMS Delhi educated participants on nutrition, mental well-being, PCOS, cervical cancer, and healthy lifestyle choices, highlighting the importance of early diagnosis and preventive care.

Ayurveda (27-09-24) – Dr. Nishi Arora introduced participants to Ayurvedic principles and their role in holistic health.

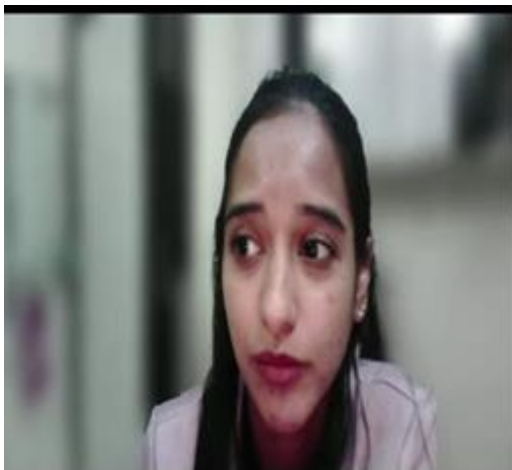
Glorious Scientific Heritage (28-09-24) – Prof. Navneet discussed binary numbers, their importance in computing, and India’s contributions to science.

Legal Laws (30-09-24) – Ms. Bhakti Pasrija Sethi, a Supreme Court advocate, provided insights into legal rights and the judicial system.

Skill Development (02-10-24) – Ms. Pratibha Mishra shared her expertise on technical and vocational training, emphasizing the importance of skill enhancement for career growth.

Social Responsibility and Climate Action (03-10-24) – Mrs. Sunita Rajiv highlighted the need for collective efforts in tackling climate change and promoting social justice.

Images from the presentation:



Dr. Tanisha Sharma delivering the lecture on **Health and hygiene**



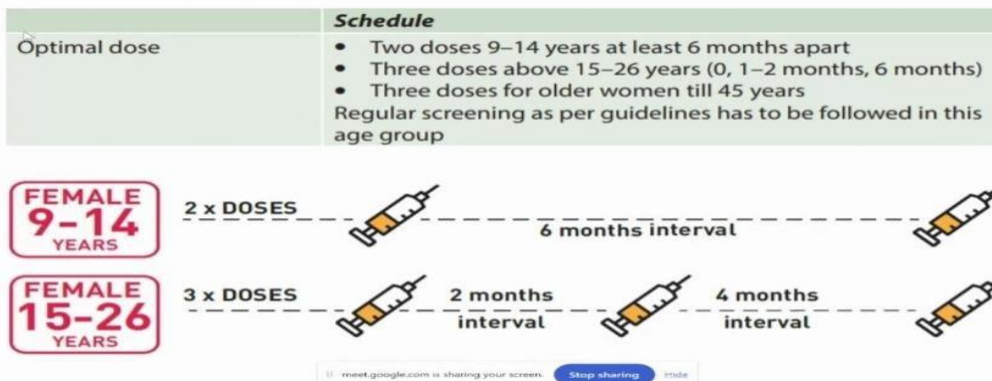
Discussion on importance of exercise

- Several brands of **HPV vaccines are available in India**
- **Gardasil 9**, a nonavalent vaccine
- **Gardasil 4** (quadrivalent)
- **Cervavac**, an indigenous quadrivalent vaccine.
- All of these vaccines are safe, with no major side effects reported so far

One shot can prevent cancer—choose the HPV vaccine !!!!!

meet.google.com is sharing your screen. Stop sharing Hide

Discussion on HPV vaccine



Discussion on dose for the HPV vaccine

- **Fourth most common cancer in World and third most common in India**
- **Important health problem**
- **PREVENTION AND SCREENING IS POSSIBLE !!!!!**



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Discussion on Cervical cancer



"YUVA SHAKTI ABHIYAN 2024" (1 week Workshop)



Dr. Nishi Arora

Educational Qualifications :

MD, PhD Ayurved.

Masters in Philosophy (DU),

Masters in counseling and family therapy (IGNOU)

Designation :

HOD and Professor,

Department of basic principles of Ayurved (Delhi University)

Laurels:

Adjunct faculty in Samhita Siddhant at Verdha university

Teaching experience: 25 years (UG and PG)

Honorary Academic counsellor for MSCFT : 7 years

Scientific Papers in National and International journals - more than 25

Books in Ayurved : 6; Poem books: 2



PANCHKOSH

पंचकोश


स्वस्थ जीवन का संपूर्ण विज्ञान

Discussion on Panchakosha

KOSHAS AND THEIR CHARACTERISTICS



<i>Kosha</i>	<i>Annamaya Kosha</i>	<i>Pranamaya Kosha</i>	<i>Manomaya Kosha</i>	<i>Vijnanamaya Kosha</i>	<i>Anandamaya Kosha</i>
Characteristics	Inertia, Movement	Movement	Passive Knowledge, decision Making	Acquisition of knowledge	Intuition, idea generation
Quality	Passivity	Activity	Knowledge	Intellect , Ego	Happiness
Power	<i>Avarana Shakti</i> (आवरण शक्ति)	<i>Kriya Shakti</i> (क्रिया शक्ति)	<i>Ichha Shakti</i> (इच्छा शक्ति)	<i>Jnana Shakti</i> (ज्ञान शक्ति)	<i>Bhoga Shakti</i> (भोग शक्ति)
Attribute	Power of illusion	Activity	Will power	Wisdom	Blissful

Discussion on Koshas and their characteristics



"YUVA SHAKTI ABHIYAN 2024"


(1 week Workshop)

Ms. Pratibha Mishra

Pratibha Mishra is a dedicated professional with over 15 years of experience in Technical and Vocational Education and Training (TVET) and skill development. She is the cofounder and director of InnoYukt Edhos LLP providing consultation for education and skilling. Before this, she worked as the Lead for Standards and Content at NASSCOM, where she witnessed the transformative power of skill and education.

Her journey began at the renowned Motilal Nehru National Institute of Technology, where she earned a Bachelor's degree in Civil Engineering and then an MBA from FMS, Delhi University. Driven by a deep belief in the potential of education and skilling, she transitioned into the skilling field to empower individuals to excel in the modern workforce. Over the years, she has actively contributed to elevating TVET and skill development standards, reshaping the industry landscape. She is deeply involved in designing and implementing cutting-edge educational content that aligns with the dynamic demands of the industry. She is committed to excellence and innovation, striving to equip individuals with the skills needed to succeed in today's competitive world.



About Ms. Pratibha Mishra



Empowering youth

Sunita Rajiv

Teacher by profession, learner at heart, Ms. Sunita Rajiv had worked as AHM Preprimary for six years and HM Middle Section for four years in Ahlcon International School, Delhi, India. She was the first recipient of the **Teacher of the year Award** 2012-2013 instituted by the school. She has been a BCSA who had helped in integrating international dimension in school ethos. She has 26 years of experience in teaching from foundation to middle school students.

She is the recipient of the **GEETA RAGHAVAN AWARD** for her paper on '**Peer Teaching**' at the International Conference on ELT organized in 2011 by the Delhi Chapter of ELTAI, the English Language Teachers Association of India.

She also received the **BEST ENGLISH TEACHER (2013 - 2014)** AWARD from ELTAI, the English Language Association of India at national level.

She is a certified **TEACHER TRAINER** from the Nile University UK. She had been the **SDG Ambassador** of her school and had successfully covered over 18 schools in Delhi NCR, and 26 schools through International Conferences, training the faculty on how to integrate SDGs in the curriculum. She is a certified **Climate Reality Mentor** from Al Gore's Climate Reality Corps, who has trained many Climate Reality leaders internationally too. A successful and sought-after **Parenting Counsellor**, she has covered more than 3000 parents in the stride. A certified **Child Protection trainer** from the British Council, has worked consistently to sensitize educators and parents, and most importantly students, about child protection. Her self-developed module is adopted by many schools. A storyteller, puppeteer, writer, poet and singer, she has written and composed poems, songs for the Sustainable Development Goals. One can visit her **You Tube Channel - 'Sunita Rajiv'** to find her stories songs and other videos.

https://www.youtube.com/watch?v=3wUyF0b2sne&ab_channel=SunitaRajiv



About Sunita Rajiv

The Global Goals need you and me.

So that all sounds great - but what is the catch?

Well, the world won't change by itself.

It's not only up to governments to take action, it's up to all of us - and that includes you. It starts with little things like the good old unplug-your-charger-when-done drill and there is much more.



Information about Global Goals

This is our life.....

**Globally, this summer was the hottest on record.
Let that sink in for a second.**

Summer 2024 was 0.69 degrees Celsius (about 1.2 degrees Fahrenheit) warmer than the 1991 to 2020 average. That pushed it past the previous hottest summer, which was just last year, by about 0.03 degrees Celsius.

How did I contribute to this?

Temperature record of 2024 summer

Certificates



KALINDI COLLEGE
UNIVERSITY OF DELHI
(ACCREDITED WITH GRADE 'A+' BY NAAC)

PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS
IN COLLABORATION WITH
INDRAPRASTHA SHAKTI
presents



CERTIFICATE OF APPRECIATION

To

Ms. Pratibha Mishra

This is to express heartfelt gratitude contributing as a resource person and delivering an invited talk on **"Empowering Youth: Unlocking Opportunities through Skill Development and Government Initiatives"** on October 2nd, 2024.



Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society

V. Bhasker Raj
Dr. V. Bhasker Raj
Co-Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
Co-Convenor
Physithon Society



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PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS
IN COLLABORATION WITH
INDRAPRASTHA SHAKTI
presents



CERTIFICATE OF APPRECIATION

To

Ms. Bhakti Sethi

This is to express heartfelt gratitude contributing as a resource person and delivering an invited talk on **"Our Legal Literacy and General Awareness"** on September 30, 2024.



Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
Physithon Society

V. Bhasker Raj
Dr. V. Bhasker Raj
Co-Convenor
Physithon Society

Savita Sharma
Dr. Savita Sharma
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Physithon Society



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PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS

IN COLLABORATION WITH

INDRAPRASTHA SHAKTI

presents

CERTIFICATE OF APPRECIATION

To

Prof. Savita Sharma

for her significant role as **Program Coordinator** in **One-Week Workshop** on
"YUVA SHAKTI ABHIYAN 2024" held from
25th September, 2024 to 3rd October, 2024.

Prof. Meena Charanda
Principal
Kalindi College



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Prof. Meena Charanda
Principal
Kalindi College





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PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS

IN COLLABORATION WITH

INDRAPRASTHA SHAKTI

presents

CERTIFICATE OF APPRECIATION

To

Dr. V. Bhasker Raj

for his significant role as **Program Coordinator** in **One-Week Workshop** on
"YUVA SHAKTI ABHIYAN 2024" held from
25th September, 2024 to 3rd October, 2024.

Prof. Meena Charanda
Principal
Kalindi College



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PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS

IN COLLABORATION WITH

INDRAPRASTHA SHAKTI

presents

CERTIFICATE OF APPRECIATION

To

Dr. Kapil Kumar

for his significant role as **Program Coordinator** in **One-Week Workshop** on
"YUVA SHAKTI ABHIYAN 2024" held from
25th September, 2024 to 3rd October, 2024.

Prof. Meena Charanda
Principal
Kalindi College



QUANTUM MECHANICS MADE SIMPLE

National workshop

Society: PHYSITHON SOCIETY

Name of the activity: Quantum mechanics made simple

Funding Agency : NASI

Name of the Convener: Prof. Punita Verma

Name of the Co. Conveners: Dr. Savita Sharma and Dr. V. Bhasker Raj

Date and Time (-to-) of event : September 30,2024,
11:00 A.M. – 3:00 P.M.

Number of Participants: 122

Number of participants from outside Kalindi College:
02

Poster of the event



Kalindi College PHYSITHON SOCIETY Department of Physics



In collaboration with

The National Academy of Sciences, India (NASI) - Delhi Chapter

Organizes a National workshop on

Quantum Mechanics made simple

30 September 2024

Time: 11 AM onwards



11585493001650@cnrb



**1st floor Science Blk
Kalindi College**

Registration link

<https://forms.gle/AWyttjQFCwWgWCGZ6>

**TWO LECTURES
ESPECIALLY USEFUL FOR UG STUDENTS,
SHALL COVER ALL THE BASIC CONCEPTS OF QUANTUM
MECHANICS.**



PROF. AJAY K. GHATAK

NASI Meghnad Saha Distinguished
Professor
(Formerly Prof. of Physics, IIT Delhi)
Former President, NASI
author of several books
including
Quantum Mechanics
& Optics (8 Ed.)

Registration fees :

For students: 750 Rs

For Faculty: 1000 Rs

E-Certificates For All
Attendees

Convener

Prof. Punita Verma
Department of Physics

**Program
Coordinators**

**Dr. Savita Sharma
and
Dr. V. Bhasker Raj**
Department of
Physics

Patron

Prof. Meena Charanda
Principal
Kalindi College

Lectures will be
followed by a quiz and
first few winners will
get a book authored
by Prof. Ghatak with
his autograph



[https://www.instagram.com/physithon?
utm_source=ig_web_button_share_sheet
&igsh=ZlNlZDc0MzY5Nw==](https://www.instagram.com/physithon?utm_source=ig_web_button_share_sheet&igsh=ZlNlZDc0MzY5Nw==)



<https://x.com/physicakg9096>



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id=100072939526575&sk=about](https://www.facebook.com/profile.php?id=100072939526575&sk=about)



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nasi-delhi-chapter-755076254](https://www.linkedin.com/in/nasi-delhi-chapter-755076254)



[instagram.com/thenasciences](https://www.instagram.com/thenasciences)



twitter.com/theNASciences



[facebook.com/theNASciences](https://www.facebook.com/theNASciences)



[https://www.youtube.com/@th
eNASciences](https://www.youtube.com/@theNASciences)

Student Coordinators: Ishu, Madhavi, Sadegh, Chhavi, Suruchi, Siddhi, Deepakshi

For any query : write to physithonsociety@gmail.com

Report on Lecture:

A national workshop on Quantum mechanics was organized by Physithon Society of Physics for which Prof. Ajay K Ghatak, a NASI Meghnad Saha distinguished professor, former Prof. of physics in IIT, former President, NASI and an author of several books of quantum mechanics and optics was invited for delivering a lecture on basics of quantum mechanics.

Attendance:

Sr no.	Course and year	Names	Collage name
1	Bsc (h) physics 1st year	Gaurangi	Kalindi college
2		Drishti	Kalindi college
3		Yashasvi	Kalindi college
4		Anshika	Kalindi college
5		Anachal	Kalindi college
6		Anamika	Kalindi college
7		Ishita	Kalindi college
8		Tanishka	Kalindi college
9		Anjali	Kalindi college
10		Anjalu	Kalindi college
11		Saeeda	Kalindi college
12		Mehak	Kalindi college

13		Mahi	Kalindi college
14	Bsc physical science 1st year	Naina tyagi	Kalindi college
15		kashvi	Kalindi college
16		Asmita	Kalindi college
17		Prachi	Kalindi college
18		Fiza	Kalindi college
19		Susana ali khan	Kalindi college
20		Sakshi kumar	Kalindi college
21		Sanskriti	Kalindi college
22		Tanu	Kalindi college
23		Sneha	Kalindi college
24		Srishti	Kalindi college
25		Neha	Kalindi college
26		Soumya	Kalindi college
27		Muskan	Kalindi college
28		Anushka	Kalindi college
29		Anjali	Kalindi college
30		Udita	Kalindi college
31		Dhanika	Kalindi college
32		Antima	Kalindi college
33		Aditi	Kalindi college
34	Bsc(h) physics 2nd year	Divyanka	Kalindi college

35		Sangam	Kalindi college
36		Susmita	Kalindi college
37		Aditi sharma	Kalindi college
38		Kritika agarwal	Kalindi college
39		Deepali	Kalindi college
40		Privani	Kalindi college
41		Kalpana	Kalindi college
42		Ankita	Kalindi college
43		Aankhi	Kalindi college
44		Bhumi dwivedi	Kalindi college
45		Samaira	Kalindi college
46		Darshita	Kalindi college
47		Alankrita	Kalindi college
48		Afreen	Kalindi college
49		Shweta	Kalindi college
50		Parul	Kalindi college
51		Anushka	Kalindi college
52		Madhu	Kalindi college
53		Sakshi	Kalindi college
54		Shivani	Kalindi college
55	Bsc.physical science 2nd year	Sheetal	Kalindi college
56		Prerna	Kalindi college

57		Priya	Kalindi college
58		Ilama	Kalindi college
59		Nidhi	Kalindi college
60		vani	Kalindi college
61		Anu	Kalindi college
62		Anshu	Kalindi college
63		sapna	Kalindi college
64		Meenakshi	Kalindi college
65		Kajal	Kalindi college
66		Jesica	Kalindi college
67		Diya	Kalindi college
68		Anamika	Kalindi college
69		Nyanchal	Kalindi college
70		Garima	Kalindi college
71		Somya	Kalindi college
72		Anjali	Kalindi college
73		Anshita	Kalindi college
74		Anshika	Kalindi college
75		Shweta	Kalindi college
76		tannu	Kalindi college
77		Sujata	Kalindi college
78		shilpi	Kalindi college
79	Bsc(h)physics 3rd year	Siddhi	Kalindi college

80		Dipakshi	Kalindi college
81		Ishika	Kalindi college
82		Disha	Kalindi college
83		Dishana	Kalindi college
84		Muskan	Kalindi college
85		Ruchi	Kalindi college
86		Sonali	Kalindi college
87		Sakshi	Kalindi college
88		Suman	Kalindi college
89		Ishu	Kalindi college
90		Sonu	Kalindi college
91		Tamanna	Kalindi college
92		Asha	Kalindi college
93		Supriya	Kalindi college
94		Shalini	Kalindi college
95		Jhanvi	Kalindi college
96		Chhavi	Kalindi college
97		Preeti	Kalindi college
98		Sadgi	Kalindi college
99		Suruchi	Kalindi college
100	Bsc.physical science 3rd year	Aanchal	Kalindi college
101		Priyanka	Kalindi college

102		Sherya	Kalindi college
103		Harshita	Kalindi college
104		ishu	Kalindi college
105		Shagun	Kalindi college
106		Dipanshu	Kalindi college
107		Saayali	Kalindi college
108		Pooja	Kalindi college
109		Aditya gupta	Kalindi college
110		Priya	Kalindi college
111		Parul	Kalindi college
112		Anshika	Kalindi college
113		Sai tripti	Kalindi college
114		Chanchal	Kalindi college
115		Vidhushi	Kalindi college
116		Rity	Kalindi college
117		Poonam	Kalindi college
118		Shreya	Kalindi college
119		shruti	Kalindi college
120		Anjali	Kalindi college
121		Kritika	Kalindi college

Photos of the event



Group Photos with Prof. Ajay K Ghatak

Certificates



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PHYSITHON SOCIETY, DEPARTMENT OF PHYSICS
IN COLLABORATION WITH
THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI), DELHI CHAPTER
presents

CERTIFICATE OF PARTICIPATION
To
Gaurangi
for her active participation in **National Workshop** on
"Quantum Mechanics Made Simple"
held on 30th September, 2024.


Prof. Meena Charanda
Principal
Kalindi College


Prof. Punita Verma
Convenor
The Physics Society




Dr. V. Bhasker Raj
Co - Convenor
The Physics Society


Dr. Savita Sharma
Co - Convenor
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Drishiti
for her active participation in **National Workshop** on
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The Physics Society




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presents

CERTIFICATE OF PARTICIPATION

To

Anshika

for her active participation in **National Workshop** on
"Quantum Mechanics Made Simple"
held on 30th September, 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
The Physics Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co - Convenor
The Physics Society

Savita Sharma
Dr. Savita Sharma
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To

Yashasvi

for her active participation in **National Workshop** on
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held on 30th September, 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
The Physics Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co - Convenor
The Physics Society

Savita Sharma
Dr. Savita Sharma
Co - Convenor
The Physics Society



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presents

CERTIFICATE OF PARTICIPATION

To

Aanchal

for her active participation in **National Workshop** on
"Quantum Mechanics Made Simple"
held on 30th September, 2024.

Prof. Meena Charanda
Principal
Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
The Physics Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co - Convenor
The Physics Society

Savita Sharma
Dr. Savita Sharma
Co - Convenor
The Physics Society



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Kalindi College

Punita Verma
Prof. Punita Verma
Convenor
The Physics Society



V. Bhasker Raj
Dr. V. Bhasker Raj
Co - Convenor
The Physics Society

Savita Sharma
Dr. Savita Sharma
Co - Convenor
The Physics Society



Report on NPL Visit

Society: PHYSITHON SOCIETY

Name of the event: National Physical Laboratory visit

Name of the Convener: Prof. Punita Verma

Name of the Co. Conveners: Dr. Savita Sharma and Dr. V. Bhasker Raj

Date and Time (-to-) of event : October1, 2024, 10:00 A.M. – 1:00 P.M.

Number of Participants: 31

Report on Lecture:

On 1st October 2024, a group of students from Kalindi College's Physics Department visited the National Physical Laboratory (NPL) for an educational tour. The visit aimed to introduce students to various technologies and their applications across different scientific fields. After an orientation, an expert from NPL shared insights about the institution's history, mission, and role in metrology. The students were introduced to areas such as biomedical metrology, sensor devices, solar panel optimization, rheology, X-ray diffraction, and ultrafast laser technologies. The tour was highly informative, highlighting NPL's contributions to scientific research and technological advancements.

Attendance:

Sr. No.	Course	Name
1.	Bsc. Physics hons 3 rd year	Siddhi
2.		Chhavi
3.		Ishu
4.		Madhavi
5.		Dipakshi
6.		Shanvi
7.		Sweta
8.		Sadegi
9.		Sakshi
10.		Suman
11.		Muskan
12.		Sonali
13.		Dishana
14.		Disha
15.		Preeti
16.		Sonu
17.		Tamanna
18.		Janvi
19.		Shalini
20.		Ruchi
21.	Bsc. Physical Science	Anjali
22.		Pooja Kumari
23.		Vidushi
24.		Parul
25.		Anshika
26.		Dipanshu
27.		Rity
28.		Chanchal
29.		Ziya
30.		Tripti
31.		Dipanshu

Photos of the event:



Teachers who attended the visit with students



Geotag photo National Physical lab



Building photo of the laboratory

Report on Searching for Heaven

Society: PHYSITHON SOCIETY

Name of the event : SEARCHING FOR HEAVEN

Name of the Convener: Prof. Punita Verma

Name of the Co. Conveners: Dr. Savita Sharma and Dr.
V. Bhasker Raj

Date and time (-to-) of the event: October 14, 2024,
1.00 PM to 3:00 PM

Venue : PHYSICS LABORATORY 1

Poster of the event



दीक्षाारंभ

Kalindi College

Accredited with NAAC grade A+



Physithon Society Department of Physics

Organizes a National Workshop on

SEARCHING FOR HEAVEN

14th October, 2024

Time: 12:30 PM - 2:00 PM



Seminar Room
Kalindi College

Registration link:

<https://forms.gle/9hNi225LQV72sUJd9>



MR. TUSHAR PUROHIT

- Master Resource Person at Vigyan Prasar, New Delhi since 2014
- Working in TMT India and LIGO India outreach team of Inter-University Centre for Astronomy and Astrophysics, Pune.

For any queries contact: 9899164315

Ishu Bhadana (President)

or reach out to us on the following:



@Physithon Kalindi



@physicskal98666



@physithon



physithonsociety@gmail.com

Student Coordinators:

Ishu, Madhavi, Sadegi, Chhavi, Suruchi, Siddhi, Dipakshi

Prof. Punita Verma
Convener

Department of Physics

Dr. Varsha
Co-Convener

Department of Physics

Mr. Kapil Kumar
Co-Convener

Department of Physics

Dr. Savita Sharma
Program Coordinator

Department of Physics

Dr. V. Bhasker Raj
Program Coordinator

Department of Physics

Prof. Meena Charanda
Principal

Kalindi College

Report on Lecture :

The event *Searching for Heaven* was part of Deeksharambh, aimed at introducing new learners to physics and related concepts. Mr. Tushar Purohit from Vigyaan Prasar, New Delhi, and the LIGO outreach team from the Inter-University Centre for Astronomy and Astrophysics, Pune, were invited to give the seminar. The session focused on heavenly bodies, stars, and the 12 zodiac signs.

The event began with a lamp-lighting ceremony and chanting of mantras, creating a positive atmosphere. Mr. Purohit discussed various stars, their movement in the universe, the Moon's cycle, Earth's rotation, and its movement around the Sun. He also explained visible planets, black holes, galaxies, constellations (88 in total), and star classes, including the Pole Star. He corrected the misconception about the Moon's cycle being 30 days, explaining it's actually 27.5 days.

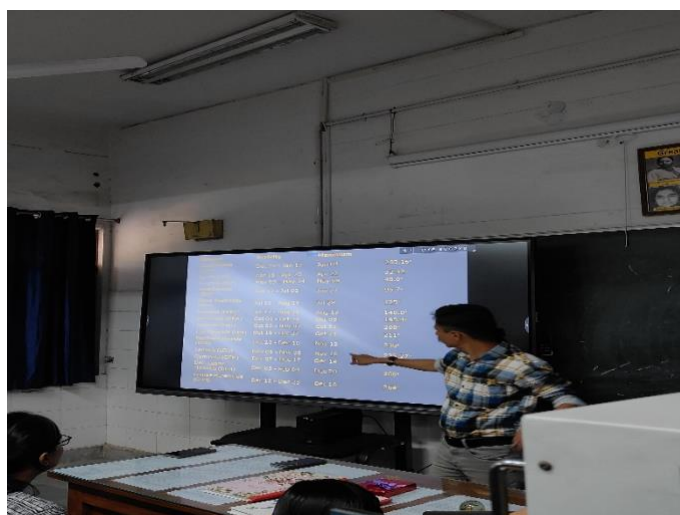
The lecture incorporated virtual slides, making the session engaging and easy to understand. Overall, the seminar was highly informative, educating students about celestial bodies, technological advancements in India, and related astronomical concepts.

Photos of the event:



Geotag photo of the event.

Geotag photo of Mr. Tushar Purohit



Mr. Tushar Purohit giving the lecture

National Workshop
KALINDI COLLEGE
PHYSICS DEPARTMENT

Society: Physithon society

Name of the activity: Contribution of Contemporary Science in Advancement of Society

Funding Agency: NASI

Name of the Convener: Prof. Pushpa Bindal

Name of the Co. Conveners: Prof. Rachana Kumar and Prof. Seema Gupta

Date and Time (-to-) of event: October 21, 2024 and 9:30AM to 4:00PM

Number of participants: 88

Number of participants from outside Kalindi college: 2

Poster of the event



KALINDI COLLEGE

University of Delhi
NAAC ACCREDITED GRADE 'A+'

DEPARTMENT of PHYSICS

UNDER THE AEGIS OF

THE NATIONAL ACADEMY OF SCIENCES, INDIA (NASI) - DELHI CHAPTER
SCIENCE-SOCIETY PROGRAMME

Organizes

National Seminar

on

**CONTRIBUTION OF CONTEMPORARY SCIENCE IN ADVANCEMENT
OF SOCIETY**



Prof. Ajay K. Ghatak

Former President, NASI
Formerly Prof. of Physics, IIT Delhi
Topic: Polarisation of light,
Entanglement and Bell's Inequality

Prof. Anurag Sharma

Emeritus Professor, IIT Delhi
Chairman, NASI-Delhi Chapter
Topic: Photonics Revolution



Prof. Navendu Goswami

Department of PMSE, IIIT Noida
Topic: Nanomaterials: Certain Aspects
of Fundamentals, Fabrications and
Applications

Prof. Vivek Dwivedi

Department of Electronics and
Communication, IIIT Noida
Topic: Artificial Intelligence in
Everyday Life : Impact and
Application



For enquiries, write to : kcsocietysociety@gmail.com

- NO REGISTRATION FEES
- E-CERTIFICATES FOR ALL PARTICIPANTS
- REGISTRATION IS MANDATORY FOR BOTH STUDENTS AND FACULTY

DATE : 21ST OCT 2024
TIME : 9:30 AM - 4:00 PM
VENUE : SEMINAR ROOM

REGISTRATION LINK :
<https://forms.gle/K1M8HRCFo28Yk5cYA>

PRINCIPAL
Prof. Meena Charanda

CONVENOR
Prof. Pushpa Bindal

CO-CONVENORS
Prof. Rachana Kumar
Prof. Seema Gupta

PROGRAM COORDINATORS
Dr. Savita Sharma
Dr. Varsha

Attendance sheet:

Sr no.	Year & Course	Names	College
1	1 st year physics hons	Gaurangi Guar	Kalindi College
2		Jyotsna	Kalindi College
3		Aanchal	Kalindi College
4		Anjali	Kalindi College
5		Mahek	Kalindi College
6		Aditi sharma	Kalindi College
7		Anjali	Kalindi College
8		Anjali	Kalindi College
9		Simran	Kalindi College
10		Simran	Kalindi College
11		Champa devi	Kalindi College
12		Ishita	Kalindi College
13		Mahi	Kalindi College
14		Drishti	Kalindi College
15		Vanshika	Kalindi College
16		Saeeda khatun	Kalindi College
17		Kanika gupta	Kalindi College
18		Anshika	Kalindi College
19		Sazia ansari	Kalindi College
20		Yashasvi sharma	Kalindi College
21		Mansi	Kalindi College
22		Swikriti	Kalindi College
	2 nd year(H)	Afreen	Kalindi College
24		Kritika	Kalindi College
25		Sneha	Kalindi College
26		Privani	Kalindi College
27		Shweta	Kalindi College
28		Tanya	Kalindi College
29		Divaynaka	Kalindi College
30		Darshita	Kalindi College
31		Madhu	Kalindi College
32		Susmita	Kalindi College
33		Sangam rai	Kalindi College
34		Parul	Kalindi College
35		Shivani	Kalindi College
36		Kalpana	Kalindi College
37		Samaira	Kalindi College
38		Bhumi Dwivedi	Kalindi College

39		Anushka	Kalindi College
40		Alankrita	Kalindi College
41		Madiha	Kalindi College
42		Aditi	Kalindi College
43		Madhu	Kalindi College
44	3 rd year(H)	Chhavi	Kalindi College
45		Sonu	Kalindi College
46		Preeti	Kalindi College
47		Suruchi	Kalindi College
48		Supriya	Kalindi College
49		Suman	Kalindi College
50		Tamanna	Kalindi College
51		Sonali	Kalindi College
52		Sakshi	Kalindi College
53		Sweta	Kalindi College
54		Ishika	Kalindi College
55		Ruchi	Kalindi College
56		Ishu	Kalindi College
57		Shalini	Kalindi College
58		Disha	Kalindi College
59		Asha	Kalindi College
60		Muskan	Kalindi College
61		Sejal	Kalindi College
62		Janvi	Kalindi College
63		Dishana	Kalindi College
64		Dipakshi	Kalindi College
65		Madhavi	Kalindi College
66	1 st year PS	Anjali	Kalindi College
67		Ayushi	Kalindi College
68		Dhanika	Kalindi College
69		Antima	Kalindi College
70		Panti	Kalindi College
71		Muskan	Kalindi College
72		Harshita	Kalindi College
73		Tanu	Kalindi College
74		Kumari Aditi	Kalindi College
75		Soniya	Kalindi College
76		Neha	Kalindi College
77		Naina	Kalindi College
78		Anushka	Kalindi College

79		Kashvi	Kalindi College
80	3 rd year	Parul	Kalindi College
81		Vidhushi	Kalindi College
82		Anjali	Kalindi College
83		Dipanshu	Kalindi College
84		Ritty	Kalindi College
85		Anjali sharma	Kalindi College
86	2 nd year PS	Harsh Goswami	Delhi University
87	2 nd year Bsc. prog (CS)	Lokman Jha	Shyam Lal College
88	1 st year Bsc(H)CS	Arushi Tiwari	Kalindi College

Report:

The report covers four lectures delivered by esteemed professors on various topics in physics and technology.

Lecture 1 by Prof. Ajoy K. Ghatak covered polarization of light, entanglement, and Bell's inequality. He explained the concepts of polarization, entanglement, and Bell's inequality, highlighting their significance in quantum mechanics.

Lecture 2 by Prof. Anurag Sharma focused on the photonics revolution, discussing the importance of light in various fields, including astronomy, medical science, and physics. He also highlighted the significance of LEDs, lasers, and optical communication.

Lecture 3 by Prof. Navendu Goswami covered nanomaterials, discussing their fundamentals, fabrication methods, and applications. He emphasized the importance of nanotechnology in various fields.

Lecture 4 by Prof. Vivek Dwivedi introduced artificial intelligence (AI), explaining its basics, types, and applications. He discussed machine learning, artificial neural networks, and deep learning, highlighting their significance in everyday life.

Overall, the lectures provided insights into cutting-edge topics in physics and technology, highlighting their significance and applications in various fields.

Photos of the Day:



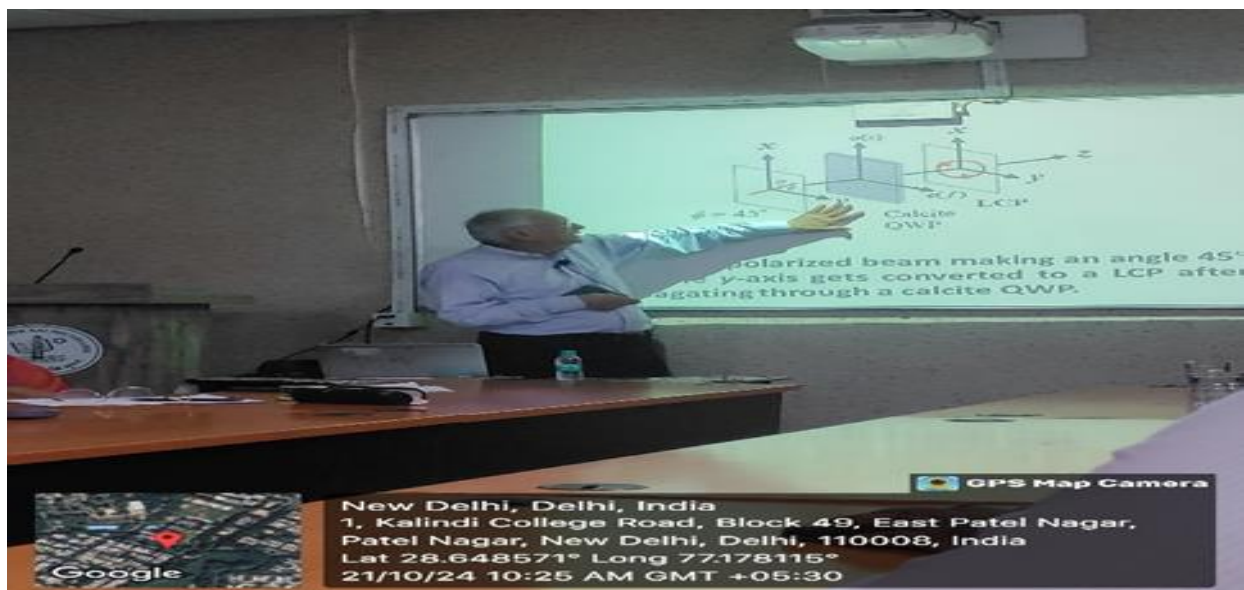
Lamp lightning ceremony



Appreciation of token



Photo with the Principapl



Geotag photo of the event

Report on National Science Day

SOCIETY : PHYSITHON

NAME OF THE EVENT: NATIONAL SCIENCE DAY




NAME OF CONVIENER: Prof. PUNITA VERMA

DATE AND TIME OF EVENT: 04 March

2025,10:00AM TO 2:00 PM ONWARDS

TOTAL NUMBER OF PARTICIPANTS: 70

Poster of the event



Kalindi College

University of Delhi
NAAC ACCREDITED GRADE 'A+'

Physithon: The Physics Society
in collaboration with
Indraprastha Shakti
celebrates the National Science Day 2025
with sessions on


Physics in Action

Experiments for Curious Minds

DATE - 4th March, 2025
TIME - 10:00 am
VENUE - Physics Laboratory 1


Session will be conducted by

Smita Fangaria




Senior Resource person of
Physics in Shiksha Sopan(NGO)


Pragya Nopany





Founder-Coordinator,
BVN-IAPT Anveshika

For further communication, contact us:

 @Physithon Kalindi

 @physicskal98666

 @physithon

 physithonsociety@gmail.com

Prof. Meena Charanda
Principal
Kalindi College

Prof. Punita Verma
Convener
Department of Physics

Organizing Committee:
Faculty, Department of Physics, Kalindi College

Report on Lecture:

The event, which began at 10:00 a.m., featured a series of engaging physics demonstrations using simple household items. It started with a lamp-lighting ceremony that set a positive tone for the day.

Mrs. Pragya Nopany demonstrated an experiment with cycle spokes and a potato to explain relative motion. Mrs. Smita Fangaria then illustrated the Coriolis force using a rotating container lid, wheat flour, and a coin. Mrs. Nopany later explained angular momentum with a CD, stand, and spinner, while Mrs. Fangaria demonstrated wave formation with a thread, emphasizing the role of weight and tension.

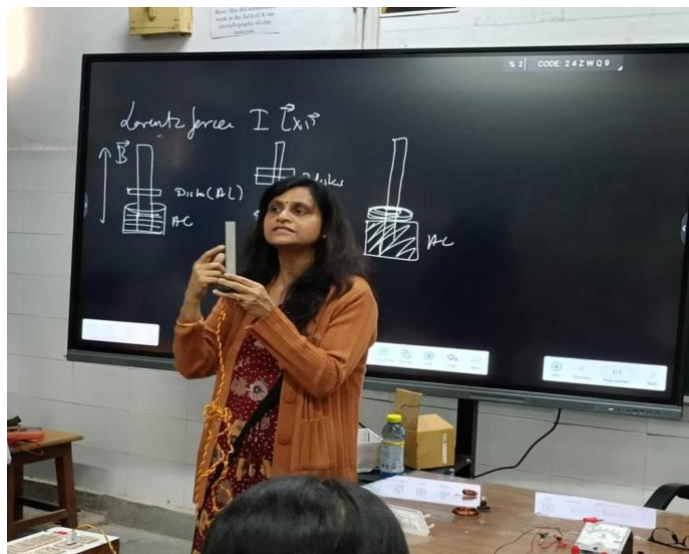
The teachers also showcased experiments related to electricity, such as how electrolytes in the human body complete circuits and how metal glasses can act as capacitors. These demonstrations highlighted the connection between physics and daily life. The event ended at 2:00 p.m. with a vote of thanks, where Prof. Punita Verma and other faculty members presented plants and cards to Mrs. Nopany and Mrs. Fangaria. Overall, the session was educational, showing that physics can be understood through simple experiments and creative thinking.

Attendance:

S.NO.	Name	Roll no.	Course
1	Gaurangi	24567009	Physics hons. 1 st year
2	Mahak	24567013	Physics hons. 1 st year
3	Ishita	24567011	Physics hons. 1 st year
4	Anshika	24567005	Physics hons. 1 st year
5	Anjali	24567002	Physics hons. 1 st year
6	Aanchal	24567001	Physics hons. 1 st year
7	Mahi	24567004	Physics hons. 1 st year
8	Anjali	24567025	Physics hons. 1 st year
9	Yashasvi	24567023	Physics hons. 1 st year
10	Drishiti	24567008	Physics hons. 1 st year
11	Sazia	24567031	Physics hons. 1 st year
12	Tanishka	24567027	Physics hons. 1 st year
13	Champa	24567035	Physics hons. 1 st year
14	Mansi	24567032	Physics hons. 1 st year
15	Jyotsna	24567038	Physics hons. 1 st year
16	Simran	24567020	Physics hons. 1 st year
17	Ankita	23567007	Physics hons. 2 nd year
18	Deepali	23567012	Physics hons. 2 nd year
19	Divyanka	23567013	Physics hons. 2 nd year
20	Samaira	23567018	Physics hons. 2 nd year
21	Afreen	23567026	Physics hons. 2 nd year
22	Bhumi	23567028	Physics hons. 2 nd year
23	Kritika	23567030	Physics hons. 2 nd year
24	Shweta	23567031	Physics hons. 2 nd year
25	Aankhi	23567032	Physics hons. 2 nd year
26	Aditi	23567033	Physics hons. 2 nd year
27	Privani	23567036	Physics hons. 2 nd year
28	Anushka	23567042	Physics hons. 2 nd year
29	Sakshi	23567038	Physics hons. 2 nd year
30	Kalpana	23567035	Physics hons. 2 nd year
31	Ishu	22567031	Physics hons. 3 rd year
32	Sweta	22567027	Physics hons. 3 rd year
33	Suman Burdak	22567040	Physics hons. 3 rd year
34	Supriya	22567007	Physics hons. 3 rd year
35	Sadegi	22567008	Physics hons. 3 rd year
36	Siddhi	22567001	Physics hons. 3 rd year
37	Sakshi	22567041	Physics hons. 3 rd year

38	Muskan	22567015	Physics hons. 3 rd year
39	Sonali	22567005	Physics hons. 3 rd year
40	Janvi	22567037	Physics hons. 3 rd year
41	Shalini	22567036	Physics hons. 3 rd year
42	Ruchi	22567043	Physics hons. 3 rd year
43	Disha	22567046	Physics hons. 3 rd year
44	Shanvi	22567032	Physics hons. 3 rd year
45	Dishana	22567045	Physics hons. 3 rd year
46	Asha	22567030	Physics hons. 3 rd year
47	Sonu	22567038	Physics hons. 3 rd year
48	Tamanna	22567025	Physics hons. 3 rd year
49	Preeti	22567014	Physics hons. 3 rd year
50	Madhavi	22567039	Physics hons. 3 rd year

Photos:



Mrs. Smita Fangaria doing the experiment



Group photo with guest lecturers