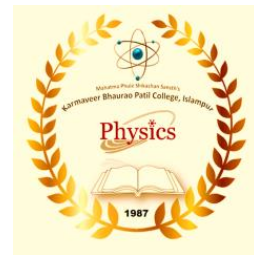


Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS
Activity
National Science Day Celebration



Date: 28/02/2025

Notice

All B.Sc-III Student are here by informed that we are going to celebrate the “National Science Day” on 28/02/2025.

All the student are requested to be present for the Activity.

Venue: Department of Physics

Time: 10.00 am

Head of Department



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS
Activity
National Science Day Celebration

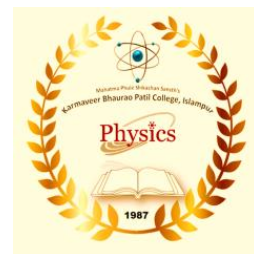


Photo Gallery

Date: 28/02/2025



K b p college road, Maharshi Shinde Nagar, Uran Islampur, Maharashtra 415409, India

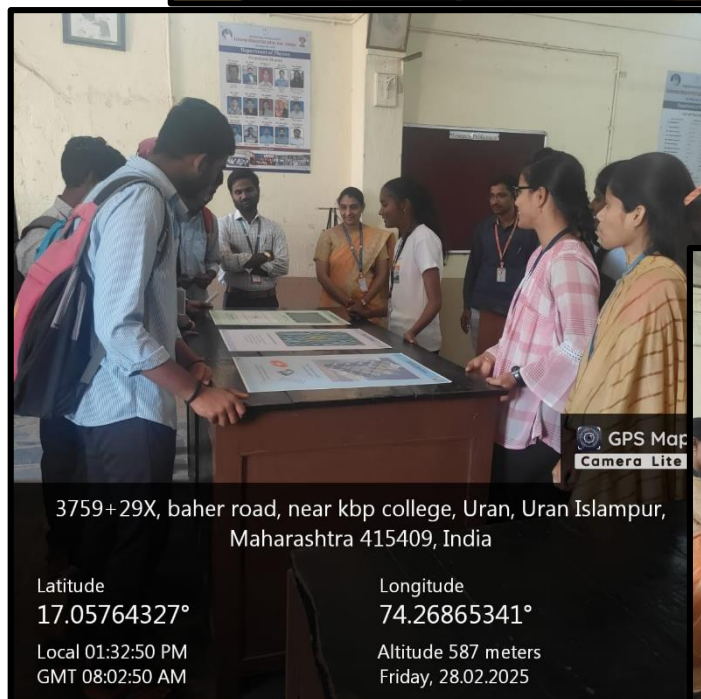
Latitude
17.05743519°

Longitude
74.26846418°

Local 12:01:33 PM
GMT 06:31:33 AM

Altitude 589 meters
Friday, 28.02.2025

Note : National Science Day



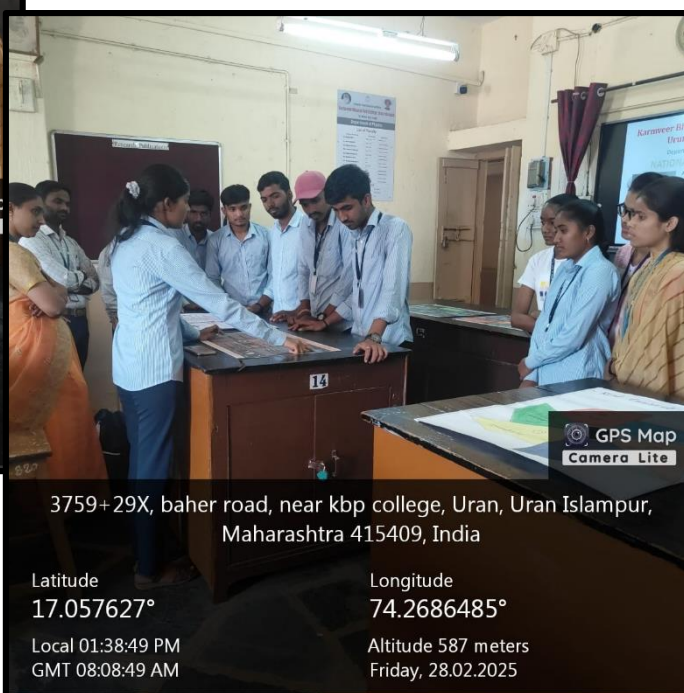
3759+29X, baher road, near kbp college, Uran, Uran Islampur,
Maharashtra 415409, India

Latitude
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Longitude
74.26865341°

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GMT 08:02:50 AM

Altitude 587 meters
Friday, 28.02.2025



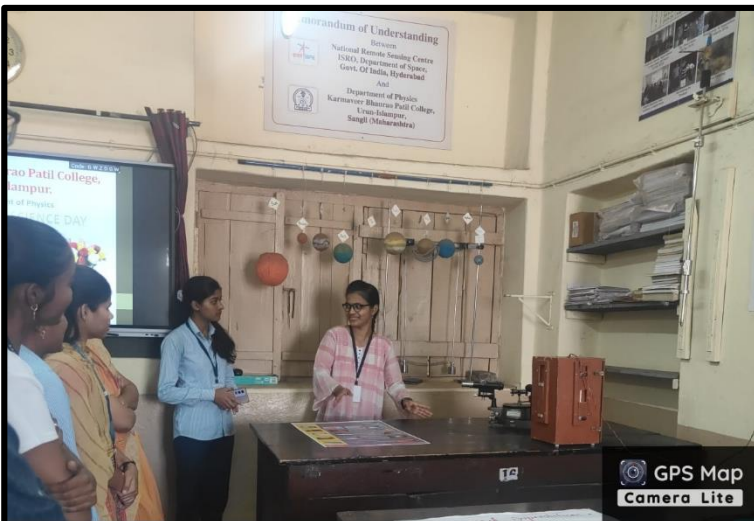
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Maharashtra 415409, India

Latitude
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Local 01:38:49 PM
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Altitude 587 meters
Friday, 28.02.2025



3759+29X, baher road, near kbp college, Uran, Uran Islampur, Maharashtra 415409, India

Latitude
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Altitude 587 meters
Friday, 28.02.2025



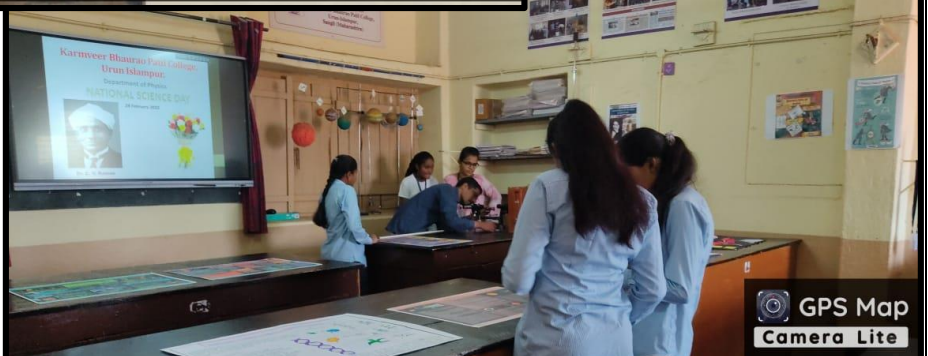
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Altitude 587 meters
Friday, 28.02.2025



3759+29X, baher road, near kbp college, Uran, Uran Islampur, Maharashtra 415409, India

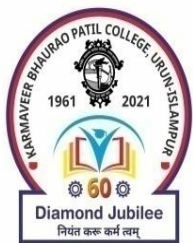
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Longitude
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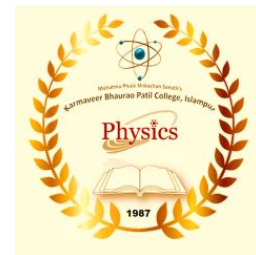
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GMT 06:33:25 AM

Altitude 587 meters
Friday, 28.02.2025

Note : National Science Day



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
DEPARTMENT OF PHYSICS



Activity
National Science Day Celebration

Date: 28/02/2025

Activity Title: Celebration of Science Day

Date: 28th February 2025

❖ **Introduction:**

On the occasion of Science Day, the Department of Physics at KBP College, Islampur, organized a series of educational and interactive activities for B.Sc. students. National Science Day is celebrated every year on 28th February to commemorate the discovery of the 'Raman Effect' made by the eminent physicist Sir C.V. Raman while working in the laboratory of the Indian Association for the Cultivation of Science, Kolkata. For this discovery, he was awarded the Nobel Prize in 1930. On National Science Day, theme-based science communication activities are carried out all over the country. The first celebration took place on February 28, 1987, marking the beginning of a tradition that continues to inspire generations. The events held during this year's Science Day in the Department of Physics at KBP College, Islampur included an Online Quiz Competition, a Poster Presentation, and a Demonstration Experiment focused on the Dispersion of Light.

❖ **Objectives:**

The primary objectives of the Science Day event were:

- ✚ To Promote Scientific Curiosity: Encouraging students to explore scientific concepts, enhance their understanding of physics, and stimulate their curiosity about the subject.
- ✚ To Foster Academic Interaction: Providing a platform for students to engage with their peers and faculty members through activities such as the quiz and poster presentations.
- ✚ To Enhance Practical Learning: Offering a hands-on experience through the demonstration experiment on the dispersion of light, enabling students to connect theoretical knowledge with real-world applications.
- ✚ To Encourage Creative Expression: Allowing students to express complex scientific ideas creatively through posters and presentations.

- ✚ To Develop Communication Skills: Enhancing students' ability to effectively communicate scientific concepts through visual and verbal means, promoting public speaking and presentation skills.

❖ Summary:

1. Online Quiz Competition:

The day commenced with the **Online Quiz Competition**, aimed at testing students' scientific knowledge and problem-solving skills. The quiz was designed to cover a wide range of topics in physics, from fundamental principles to more advanced concepts. The competition featured multiple-choice questions, short answers, and a timed format, ensuring a fast-paced and engaging experience for the participants.

2. Poster Presentation:

A **Poster Presentation** was organized for B. Sc. students across all years (first, second, and third year). Students were asked to create posters on a variety of topics related to physics, ranging from astrophysics to modern physics phenomena. The posters were evaluated on creativity, clarity of content, and scientific accuracy. This provided students with an opportunity to deepen their research skills while developing their ability to present complex scientific concepts in an accessible and visually engaging manner.

3. Demonstration Experiment on Dispersion of Light:

The **Demonstration Experiment on the Dispersion of Light** was the centerpiece of the event. The experiment used a spectrometer to demonstrate the dispersion of white light through a prism. Students were shown how light is split into its constituent colors—forming the visible spectrum—from violet to red. The basic working principles of the spectrometer were explained, including its role in measuring light's angle of dispersion. The experiment helped students observe firsthand the relationship between light's wavelength and its color, making complex optical phenomena more accessible and comprehensible.

❖ **Outcomes:**

- ✚ Enhanced Scientific Knowledge: The activities, especially the quiz and poster presentations, broadened students' understanding of various physics concepts. Students gained deeper insights into topics ranging from basic optics to advanced theories in physics.
- ✚ Increased Student Engagement: The active participation in the quiz and the creative effort put into the poster presentations reflected a significant increase in student engagement with the subject of physics.
- ✚ Practical Application of Theory: The hands-on experiment on the dispersion of light allowed students to witness the practical application of theoretical knowledge, reinforcing their understanding of light's properties.
- ✚ Improved Presentation and Communication Skills: Through the poster presentations, students learned how to present their scientific knowledge effectively, honing their communication skills for both academic and professional purposes.
- ✚ Fostering Curiosity and Interest in Physics: The event successfully stimulated students' interest in physics, with many students expressing curiosity about further exploring the concepts discussed during the activities.
- ✚ Building a Collaborative Academic Environment: The activities promoted interaction between students of different years, fostering a collaborative atmosphere within the department and encouraging peer learning.

❖ **Conclusion:**

The Science Day celebration at KBP College, Islampur, was a resounding success, achieving its objectives of promoting scientific curiosity, enhancing practical learning, and fostering student engagement with physics. The Online Quiz Competition, Poster Presentation, and Demonstration Experiment on Dispersion of Light were well-received and contributed significantly to the academic growth of the participants.

This event not only provided a platform for students to showcase their knowledge and creativity but also encouraged them to apply scientific principles in practical situations. The department plans to continue organizing such events in the future to further inspire and motivate students to pursue scientific exploration and learning.



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
Department of Physics
(2024-25)



Attendance

Title of Activity: National Science Day

Date: 28 / 02 / 2025

Venue: Department of Physics

Sr.no	Name of Student	Signature
1	Prachi Sunil Patil	
2	Sakshi Jagannath Mandale	
3	Vaishnavi Ashok Mandale	
4	Manjiri Sarjeraso Patil	
5	Shraddha Santosh Vadar	
6	Sai R. Chavan	
7	Aditya . P. Vasagadekar	
8	Vishal . P. Shiore	
9	Harshwardhan D. Satpute	
10	Gaurav Ashok Suryawanshi	
11	Vijay Vijay Patil	
12	Viren Vikas Ghare	
13	Pratik Vijay Phasno	
14	Manoj Mahadev Deshpande	
15	Yash Ramchandra Patil	
16	Anil Vishwanath Yadau	
17	Mane Sarang Mohan	
18	Patil Shubham	
19	Patil Amruta Suresh	
20	Patil Ashwin Suresh	

21	Megha Patil	<u>M Patil</u>
22	Pradnya Lakhani	<u>P Lakhani</u>
23	Sanika Jadhav	<u>S Jadhav</u>
24	Komal Vadkar	<u>K Vadkar</u>
25	Sanika Patil	<u>S Patil</u>
26	Pranali Patil	<u>P Patil</u>
27	Sakshi Patil	<u>S Patil</u>
28		
29		
30	Mr. V. P. Teli	<u>V P Teli</u>
31	Mrs. P. U. Patil	<u>P Patil</u>
32	Dr. S. A. Sawant	<u>S A Sawant</u>
33	Mrs. Y. S. Methe	<u>Y S Methe</u>
34	Smt. Patil T. A.	<u>T A Patil</u>
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