



Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR
Department of Physics

Report on Inauguration and Installation of Physics Society

Name of the Programme	: “Inauguration and Installation of Physics Society”
Date of the Programme	: 25/09/2024
Number of Participants	: 100
Hosted by	: Dept. of Physics
Resource Person	:Er. Anil Ramteke, Railway , India.

Notice

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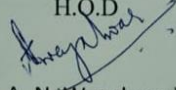
Department of Physics

Installation and Inauguration of Physics Society

Notice

All the staff members of Physics Department (Teaching, Non-teaching, Adhoc, Contributory) are hereby informed that the Department of Physics is organizing ‘Installation and Inauguration of Physics Society’ on **Wednesday, 25th September, 2024 at 10.30 a.m.** in the college auditorium.

All the staff members must be **COMPULSARILY** present for the program.

H.O.D.

(A. N. Wazalwar)

Head & Professor,
Dept. of Physics
Dr. Ambedkar College,
Deekshabhoomi,

Objectives:

1. To Promote Academic Excellence and Collaboration
2. To Enhance Professional Development
3. To Foster a Sense of Community and Belonging
4. To Promote Leadership and Organizational Skills
5. To Organize Events and Competitions to foster a Global and Multicultural Perspective



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The Department of Physics, Dr. Ambedkar College, Nagpur, organized the grand **Inauguration and Installation of the Physics Society** on 25th September 2024. The event was held on the college premises, witnessing enthusiastic participation from over 100 students. The main objective of the program was to form a society of students, with elected representatives taking charge of various roles to foster a collaborative and engaging environment for the study of physics.

The program commenced with a formal introduction, where the agenda of the event was explained briefly. To pay homage to two stalwarts of humanity, **Lord Tathagat Gautam Buddha** and **Parampujya Dr. Babasaheb Ambedkar**, a tribute was offered. The dignitaries on the dais proceeded to garland the portraits and light the ceremonial lamp, symbolizing enlightenment and wisdom. This was followed by the floral welcome of the esteemed guests.

The **Head of the Department of Physics, Dr. A. N. Wazalwar**, welcomed everyone with an inspiring address. She emphasized the importance of student-led initiatives and the significance of a platform like the Physics Society to nurture budding physicists.

Next, the **Principal of Dr. Ambedkar College, Dr. B. A. Mehere**, delivered an energetic and motivating speech, encouraging students to actively participate in such initiatives. She highlighted the role of societies in honing leadership and organizational skills alongside academic growth.

Following the speeches, the **official installation of the Physics Society** took place. The society comprises 25 student office bearers, each entrusted with specific responsibilities, symbolized by the presentation of badges. These students will now lead various activities within the department and organize events aimed at promoting the understanding of physics in both practical and theoretical contexts.



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OFFICE BEARERS 2024-25

The highlight of the program was the **official installation of the Physics Society**. A total of 25 office bearers were nominated, with each holding a specific post and responsibility. The newly elected student leaders were presented with badges symbolizing their roles. This installation signified the beginning of their journey to lead and organize various academic and extracurricular activities within the department. The students received their roles with great enthusiasm, eager to contribute to the growth of the society.

The **election process** for the post of President of the Physics Society at **Dr. Ambedkar College** was successfully conducted on **29th July 2024**. The process was divided into two stages: a **personal interview** and a **voting process**.

In the first stage, candidates submitted written nominations, detailed biodata, and proof of achievements, which helped assess their qualifications, leadership potential, and contributions to the department. In the second stage, a fair voting process was implemented, with ballot papers prepared by student volunteers. Only students currently enrolled in the Physics program were eligible to vote.

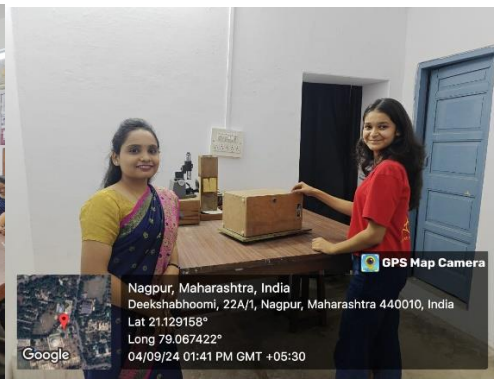
On **Voting Day**, 79 students participated with enthusiasm in electing the new leadership of the **Physics Society**. **Mr. Ayush Fender** secured a significant lead of over 25 votes, emerging as the **President**, while **Mr. Harshad Meshram** was declared the **Vice President** as the runner-up. Their victories were well-received, signaling the start of a promising new chapter for the society. The election process was conducted smoothly and fairly, with active participation from the students, reflecting the strong engagement within the department.

Photo of elections



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Office bearers for the academic year 2024-25

Sr. No.	Name of Student	Year	Post
1	Ayush Fendar	B. Sc. Sem V	President
2	Harshad Meshram	B. Sc. Sem V	Vice-president
3	Avani Bankar	B. Sc. Sem III	Treasurer
4	Prerna Arora	B. Sc. Sem V	Secretary
5	Aarya Chaure	B. Sc. Sem V	Assistant Secretary
6	Sujal Kohale	B. Sc. Sem V	Editor



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7	Arthav Tirpude	B. Sc. Sem III	Co-editor
8	Yashashree More	B. Sc. Sem III	Co-ordinator
9	Pranjal Ganer	B. Sc. Sem III	Active Members
10	Arpita Rajput	B. Sc. Sem III	
11	Sharwari Dhok	B. Sc. Sem V	
12	Anchal Wasnik	B. Sc. Sem I	
13	Yashashree Gandham	B. Sc. Sem III	
14	Anushka Chake	B. Sc. Sem I	
15	Harshalata Gawate	B. Sc. Sem I	
16	Manvi Garge	B. Sc. Sem I	
17	Nidhi Tayde	B. Sc. Sem I	
18	Manasvi Bhatankar	B. Sc. Sem I	
19	Astha Bhoskar	B. Sc. Sem I	
20	Priyal Gadhade	B. Sc. Sem I	
21	Ayushi Dhabarde	B. Sc. Sem V	
22	Khushabu Shingru	B. Sc. Sem I	
23	Parnashree Bhagat	B. Sc. Sem I	
24	Harnish Humne	B. Sc. Sem III	

Harshad Meshram, the newly elected **Vice President** of the Physics Society, outlined the **aims and objectives** of the society during his speech. He explained the society's formation process, structure, and the various benefits and rewards that students can gain through participation throughout the academic year.

According to the society's vision, the main aim is to educate students to become not only academically excellent but also socially aware and sensible individuals. **Mr. Meshram** emphasized that while book knowledge is essential for academic success, it is not enough to shape responsible and engaged citizens. He highlighted the importance of interacting with society to develop civic values, compassion, and empathy, especially toward the underprivileged.

The Physics Society, apart from its focus on subject knowledge, also aims to foster **civic sense** and **social responsibility** in students. By engaging in the activities of the society, students are expected to grow both intellectually and socially, equipping them to contribute positively to the world around them.



During the program, the much-anticipated annual magazine, **VIBGYOR**, was officially released by the dignitaries on stage. **VIBGYOR** is widely regarded as a remarkable publication from the **Department of Physics**, known for its engaging and thought-provoking content by the students of the department. This year's edition is even more special, as it is *Report on Inauguration and Installation of the Physics Society 2024-25*



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dedicated to the legendary Marie Curie and other pioneering female scientists in physics. The magazine pays tribute to their immense contributions to science and their enduring legacy, celebrating the spirit of women in science who have broken barriers and inspired future generations. True to its name, like the colors of a rainbow, the magazine covers a spectrum of topics—some of which may shock or surprise readers with fresh perspectives. It connects instantly with the reader, much like how information travels at lightning speed in the world of nanotechnology, making it an engaging and quick read.

Photo of magazine release



During the event, the newly joined staff members were warmly felicitated. This year, the **Department of Physics** was further strengthened by the addition of **five new assistant professors**, each bringing their unique expertise and enthusiasm to the academic team. The newly appointed faculty members are: Dr. Durgesh Pal, Yashpal Gedam, Pooja Fulekar and Ishika Ampatwar, Ms. Puja Tasalwar.

Photo



Staff Achievements:

Further into the event, the remarkable achievements of the faculty members were acknowledged through a special felicitation ceremony. This recognition highlighted the hard

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work and dedication of the faculty, reinforcing the department's commitment to excellence in education and research.

The first faculty member to be honored was Dr. Amit Bansod, who was felicitated for his recent selection as the Joint Secretary of the Vidarbha University Physics Teachers' Association (VUPTA). His new role is expected to enhance collaboration and support among physics educators in the region. Next, Dr. Yograj Chaudhari received accolades for his significant contribution to the field of education with the publication of his book on physics practicals, aligned with the New Education Policy. Additionally, Ms. Rupali Panbude was recognized for her outstanding achievement in successfully clearing the SET (State Eligibility Test) exam in Physics. This segment of the event emphasized the department's dedication to fostering a supportive and enriching environment for both faculty and students.



Best Student of the Year Award:

Each year, the **Department of Physics** recognizes the **Best Student of the Year** from the recently graduated batch. This prestigious award is based on a comprehensive evaluation of the students' academic performance, their involvement in various co-curricular and extracurricular activities, their contributions to departmental initiatives, and their overall performance throughout their academic journey.

This year, the honor of **Best Student of the Year** has been jointly awarded to **Mr. Aditya Ruikar** and **Mr. Sahil Kshirsagar**. Both students exemplified exceptional dedication and commitment during their time in the department, standing out not only for their academic excellence but also for their active participation in departmental activities and events.

Their achievements reflect the values of the department and serve as an inspiration for current and future students.



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Unveiling of the Book:

Dr. Aarti Wazalwar, Head of the Department of Physics, along with the faculty members, has taken a significant step in contributing to academic literature by publishing a book titled "**Space Science**". This book is tailored to the syllabus of the **Open Elective** course, aligned with the guidelines of the **New Education Policy (NEP)**. The publication aims to offer students a comprehensive understanding of space science, a subject of increasing importance in today's world.

The formal unveiling of the book took place during the **Installation Function of the Physics Society**. The honor of launching the book was given to the distinguished chief guest, **Er. Anil Ramteke**, Former Principal Chief Materials Manager of Indian Railways, and the esteemed **Principal of Dr. Ambedkar College, Dr. B. A. Mehere**. The release of this book marks a milestone for the department, providing a valuable resource for students pursuing an interdisciplinary education under the NEP framework.

This publication reflects the dedication of the Physics Department in fostering academic growth and contributing to the intellectual development of students by offering up-to-date, relevant educational materials.



Skit-: "Marie Curie - Sacrifice and Passion"

The students of B. Sc. Sem I, Department of Physics at **Dr. Ambedkar College, Nagpur** presented the skit celebrating the life and achievements of **Marie Curie**, the pathbreaking physicist and chemist whose contributions revolutionized modern science. The play, performed by the talented semester I students, was a tribute to Curie's scientific brilliance and personal sacrifices.

Ms. Astha Bhoskar B. Sc. Sem I started the skit with the narration of **Marie Curie's struggles, triumphs, and sacrifices** as she navigated the challenging world of science. The play focused on her journey from her formative years to her pivotal collaboration with her husband, **Pierre Curie**, and their groundbreaking research on **radioactivity**, which changed the course of history.

A standout aspect of the production was the fact that **all the participants in the drama were girls**, making the celebration of Curie's life not only a tribute to scientific achievement but also a statement on **women's empowerment in the field of science**. Each performer brought



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her respective character to life with remarkable depth, capturing the emotional, intellectual, and personal dimensions of Curie's journey. The script of the skit was written and directed by AyushFendar Final year student and President of Physics Society.

Cast of the skit:

Marie Curie- Ms. Nidhi TaydeBronia - Ms. Priyal Gudadhe

Professor – Ms. Yashashree GandhamFunding Officer- MS. HarshalataGawate

Relative 1-Ms. Manasvi BhatankarRelative 2- MS. Anuska Chake

Scientist 1- MS. Anchal WasnikScientist 2- Ms. Parnashree Bhagat

The Skit's success was not only in its storytelling but also in its **artistic execution**. The cast and crew delivered a performance that was both **emotionally powerful and visually captivating**



The program continued with **Khushboo Singru**, a **B.Sc. Sem I** student, introducing the chief guest, **Mr. Anilji Ramteke**, in detail. Mr. Ramteke is a distinguished figure, having served as the **Former Principal Chief Materials Manager** for the **Indian Railways**. He is an officer from the **Indian Railway Stores Services (IRSS)**, belonging to the 1988 exam batch.

He earned his **Bachelor's degree in Electrical Engineering** from the **Visveswaraya National Institute of Technology** in Nagpur and later completed his **Master's** at the **Indian Institute of Technology** in Mumbai. Mr. Ramteke has extensive experience in the railway sector, having worked in various capacities, including **Supply Chain Manager** at **Central Railway**, **Chief Manager of Information Technology** at the **Integral Coach Factory** in Chennai, and **Chairman of the Railway Recruitment Board** in Bilaspur, Chhattisgarh. He also served as **Chief Vigilance Officer** at the **Jawaharlal Nehru Port Trust** in Navi Mumbai and was the **Chief Materials Manager** for both **Western Railway** and **Central Railway** in Mumbai before retiring as **Principal Chief Materials Manager** at the Integral Coach Factory.

Since 2016, while serving as Chairman of the RRB Bilaspur, Mr. Ramteke developed an interest in education and began conducting workshops on **mind and motivation** for school students. Additionally, he is the author of the book titled **"Empowering Thoughts for Cultivation of Mind,"** published in December 2023.



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Mr. Ramteke delivered a mesmerizing lecture, marking a great start to the program. His topic, "Career Guidance for Competitive Examination and its Preparations," reflected his deep thinking and positive intentions for societal growth. Drawing from his own experiences with competitive exams, he shared valuable tips and tricks for effective preparation.

He began by introducing a **mood meter**, illustrating how individuals can identify their emotional states through a color-coded chart. He emphasized the importance of achieving a happy mood, represented by the color yellow. He then shared quotes from notable figures, including **Dr. Ambedkar** and **Albert Einstein**, highlighting the transformative power of great thinking.

Mr. Ramteke discussed the chain linking thoughts to destiny, explaining that thoughts shape words, which in turn lead to actions, habits, character, and ultimately, destiny. His career counseling talk was structured into three parts:

1. **Characteristics and Specialties of Competitive Exams**
2. **Challenges of Competitive Exams**
3. **7S Theory of Competitive Exams**

In the first part, he encouraged students to focus on personal growth rather than merely passing exams, stressing that "Consistency can outshine hard work."

The second part addressed the challenges of competitive exams, emphasizing that life is not a race but a marathon. He outlined various challenges, including intense competition, family pressure, and the need for discipline. He noted that while many challenges are beyond our control, overcoming those we can manage is crucial to achieving our goals.

Finally, he introduced his **7S Theory** for overcoming competitive exam challenges:

1. **Seek Purpose** - Understand your aim through the Japanese concept of **IKIGAI**.
2. **Shift Mindset** - Adopt new beliefs.
3. **Super Skillset** - Develop relevant skills.
4. **Steer Emotions** - Manage emotional intelligence for positive outcomes.
5. **Solid Strategy** - Plan effectively to balance smart, hard, and sharp work.
6. **Steady Action** - Take initiative, as greatness begins with starting.
7. **Sound Character** - Stay committed to self-improvement.

He concluded by discussing the **ACR of Emotional Control**:

- **A** - Accept the unchangeable
- **C** - Change the changeable
- **R** - Remove the unacceptable.

Overall, Mr. Ramteke's lecture provided valuable insights into preparation for competitive exams, inspiring students to harness their potential and develop effective strategies for success.



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To express their gratitude, the **Department of Physics** presented **Mr. Ramteke** with a memento, serving as a symbol of appreciation for his insightful contributions.

The program concluded with **Sujal Kohale** delivering a heartfelt vote of thanks, acknowledging everyone from the college who contributed, directly or indirectly, to the success of the event. The function wrapped up with the singing of the **National Anthem**, marking a fitting end to a meaningful and inspiring gathering.

