



BACKWARD CLASS YOUTH RELIEF COMMITTEE'S

# BHIWAPUR MAHAVIDYALAYA

BHIWAPUR DIST. NAGPUR- 441201

ACCREDITED WITH GRADE 'B' (CGPA-2.54) BY NAAC, BENGALURU

ISO-9001:2015

AFFILIATED TO RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

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## DETAILED REPORT OF THE ACTIVITY

2023-2024

ACADEMIC SESSION	2023-2024		
NAME OF THE ACTIVITY	Guest Lecture on "Basic Nuclear Physics"		
ORGANIZING INSTITUTION/COLLABORATING INSTITUTIONS	Bhiwapur Mahavidyalaya		
CORE AREAS COVERED	<ul style="list-style-type: none"><li>• Introduction to Nuclear Physics</li><li>• Fundamental Concepts</li><li>• Problem-Solving Techniques</li><li>• Interactive Question and Answer (Q&amp;A) Session</li><li>• Effective Communication Skills</li></ul>		
SCHEDULE	16 <sup>th</sup> April, 2024		
VENUE	Class Room (Annex Building)		
MODE OF ACTIVITY (ONLINE/OFFLINE (IF ONLINE, GIVE WEBLINK))	Offline		
ORGANIZING COMMITTEE	Science Literary Association		
CHIEF COORDINATOR	Asst. Prof. Lt Dr. Yogesh More		
COMMITTEE MEMBERS	S. N.	Name of the Committee Members	Designation
	1	Pranali Hatwar	President
	2	Sejal Shedre	Vice President
	3	Gajanan Lonare	Secretary
	4	Achal Lanjewar	Jt. Secretary
	5	Amanyu Waghmare	Treasurer
	6	Bhumika Malwe	Joint Treasurer
	7	Priya Devalkar	Member
	8	Daraksha Baig	Member
	9	Saurabh Mangar	Member
	10	Prizam Mandape	Member
11	Sakshi Samrutwar	Member	

<b>KEYNOTE SPEAKER/RESOURCE PERSON/PERSONS (Furnish a Brief Report on the Keynote Speaker's Expertise)</b>	<b>Asst. Prof. Dr. Arjun Tarale,</b> <b>Department of Physics,</b> <b>Science College, Pauni.</b>
<b>BENEFICIARIES/TARGET GROUP</b>	<b>Entire students from Science stream</b>
<b>NUMBER OF STUDENTS/BENEFICIARIES</b>	<b>Twenty -six</b>
<b>DETAILED REPORT OF THE ACTIVITY</b>	<p>Department of Physics, under the banner of Science Literary Association, arranged a Guest Lecture tailored for all the students of Bachelor of Science (B.Sc.). Asst. Prof. Lt Dr. Yogesh More, Head, Department of Physics, graciously introduced the Resource Person Asst. Prof. Arjun Tarale, Department of Physics, Science College, Pauni. The focal point of Asst. Prof. Tarale's lecture was 'Basic Nuclear Physics', a subject intricately linked to students' syllabus.</p> <p>The lecture of Asst. Prof. Arjun Tarale resonated with the syllabus of students, as it encompassed fundamental concepts and terminology integral to the subject matter. He adeptly elucidated intricate notions and provided valuable problem-solving techniques.</p> <p>A captive audience of 26 students actively participated in the lecture, which proved exceptionally informative. Asst. Prof. Arjun Tarale's approachable manner facilitated an engaging question-and-answer Session. Each query posed by the students was met with a lucid response, showcasing the depth of his knowledge and teaching acumen. The students expressed profound satisfaction with the content of the presentation and the speaker's effective communication style. The Session emerged as a boon for those preparing for their University Examinations.</p> <p>The Proceeding of the Event was conducted Asst. Prof. Dr. Ashwini Kadu, whereas Ms. Pranali Hatwar proposed the formal Vote of Thanks.</p> <p>The event not only augmented the students' understanding of Nuclear Physics but also exemplified the commitment of the Science Literary Association and the Department of Physics to provide enriching educational experiences to students.</p>
<b>PROGRAMME OBJECTIVES</b>	<ul style="list-style-type: none"> <li>• To provide our students with a deeper and more comprehensive understanding of the subject of Nuclear Physics.</li> <li>• To equip our students with valuable problem-solving techniques in Nuclear Physics, enabling them to approach complex problems with confidence.</li> <li>• To create an interactive learning environment where students actively participate in discussions, ask questions, and engage with the subject</li> </ul>

	<p>matter.</p> <ul style="list-style-type: none"> <li>• To aid students in their preparation for upcoming University Examinations, providing them with insights that would be directly beneficial in their assessments.</li> <li>• To mark the contribution of Science Literary Association in the holistic development of students.</li> </ul>
<p><b>PROBLEMS FACED, IF ANY</b></p>	<p><b>Attendance and Participation:</b> Ensuring strong attendance and active participation of students were challenges for the Committee. Factors like class schedules, extracurricular commitments and students' engagement levels, impacted the turnout and level of interaction.</p> <p><b>Time Management:</b> Managing the time allocated for the lecture, including the presentation itself and the Q&amp;A Session was one of the challenges for the Committee.</p> <p>Despite these challenges, evidently, the event was successful in achieving its objectives. Challenges often present opportunities for learning and improvement, allowing organizers to refine their processes for future events.</p>
<p><b>IMPACT/OUTCOME ACHIEVED</b></p>	<ul style="list-style-type: none"> <li>• Provided students with a deeper and more comprehensive understanding of the subject of Nuclear Physics.</li> <li>• Equipped our students with valuable problem-solving techniques in Nuclear Physics, enabling them to approach complex problems with confidence.</li> <li>• Created an interactive learning environment where students actively participated in discussions, asked questions, and engaged with the subject matter.</li> <li>• Aided in their preparation for upcoming University Examinations, providing them with insights that would be directly beneficial in their assessments.</li> <li>• Marked the contribution of Science Literary Association in the holistic development of students.</li> </ul>
<p><b>ANALYSIS REPORT OF THE FEEDBACK OBTAINED FROM STUDENTS/ BENEFICIARIES/ ACADEMIC PEERS ETC.</b></p>	<p>Guest Lecture by Dr. Arjun Tarale helped our students to understand the concepts of Basic Nuclear Physics. Students felt very grateful to Dr. Arjun Tarale for covering major topic in the stipulated time. Students were very impressed with the knowledge shared by Dr. Arjun Tarale.</p>

  
**Bhiwapur Mahavidyalaya, Bhiwapur**  
**Feedback Form**

**Name of the Event:** Guest Lecture  
**Name of the Expert:** Asst. Prof. Dr. Arjun Tarale  
**Topic:** 'Basic Nuclear Physics'  
**Date:** 16<sup>th</sup> April 2024  
**Organized by:** Department of Physics  
**Name of the Student:** sakshi Titamare  
**Contact No.:** 977582644

Rate the following on the scale of 5: (1 - Lowest and 5 - Highest)

	1	2	3	4	5
Arrangement of programme					✓
Lecture delivered by the Guest					✓
Topics covered in lecture					✓
Are you satisfied with the content of lecture?		✓ Yes		No	✓

Any suggestion:

Very good.

Signature of the Student  
Sakshi Titamare

**GEOTAG PHOTO GALLERY WITH CAPTIONS (Only GEOTAG photos covering the entire gamut/ span of the activity will be accepted)**



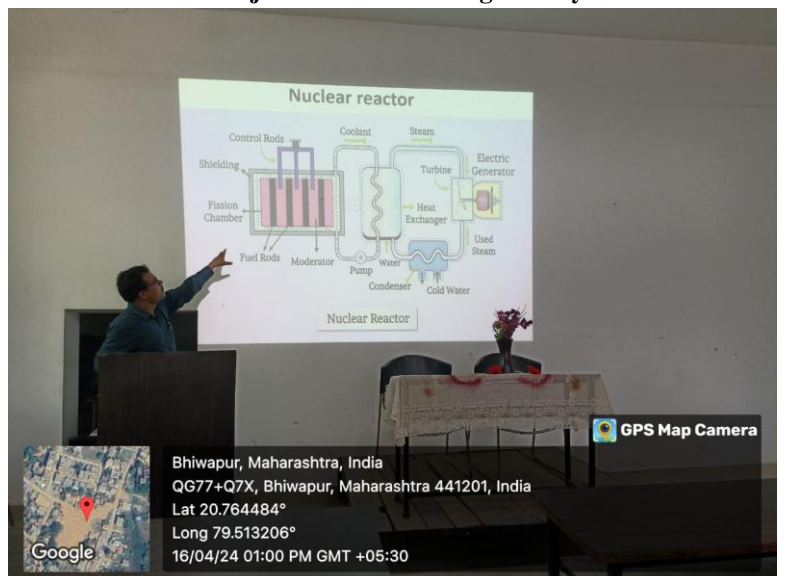
**Asst. Prof. Lt Dr. Yogesh More welcoming the Keynote Speaker Asst. Prof. Dr. Arjun Tarale**



**Asst. Prof. Lt Dr. Yogesh More introducing the Keynote Speaker Asst. Prof. Dr. Arjun Tarale**



**Asst. Prof. Dr. Arjun Tarale delivering his Keynote Address**



**Asst. Prof. Dr. Arjun Tarale explaining the construction and working**

of Nuclear Reactor



Students attending the Guest Lecture of Asst. Prof. Arjun Tarale

SCANNED COPY OF ATTENDANCE SHEET

**BHIWAPUR MAHAVIDYALAYA, BHIWAPUR**  
**DEPARTMENT OF PHYSICS**  
**SESSION: 2023-2024**  
**ATTENDANCE SHEET**  
**GUEST LECTURE**

Name of Resource Person: Dr. Arjun Tarale, Science College, Pauni  
 Topic: Basic Nuclear Physics  
 Date: 16<sup>th</sup> April, 2024  
 Time: 12.30 am

Sr. No.	Name of Students	Signature
1	Pwanali D. Hadgaonkar	Pwanali
2	Ashwarya Gurudeo Dabholkar	Ashwarya
3	Sayali S. Naxine	Sayali
4	Dhanshree P. Tarkar	Dhanshree
5	Shreya M. Dabholkar	Shreya
6	Siya Parvinder Giri	Siya
7	Namashree Sushil Chaudhari	Namashree
8	Gajanan D. Lonare	Gajanan
9	Saloni M. Raw	Saloni
10	Pritya J. Dewalkar	Pritya
11	Pratam M. Mandape	Pratam
12	Pawan B. Patil	Pawan
13	Sahil Damaadhar Ninawe	Sahil
14	Sakshi Nishu Sameekar	Sakshi
15	Saxoj Sushil Chaudhari	Saxoj
16	Shreyashi Vasantrao Zilpe	Shreyashi
17	Suhani Namdeo Marapur	Suhani
18	Ketki Raju Janewar	Ketki
19	Prudnya Prabhakar Thome	Prudnya
20	Darakeha Shakil Baig	Darakeha
21	Sush B. Patil	Sush
22	Tushnali V. Ramteke	Tushnali
23	Sayali K. Tighare	Sayali
24	Tonika R. Patil	Tonika
25	Vaishali D. Bhaibhaje	Vaishali
26	Bhumika M. Malwe	Bhumika

Principal  
 Bhiwapur Mahavidyalaya