



Shiv Chhatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**  
**Department of Physics and Electronics**  
**A) A Summary Report of the Activity**

1) Title of Programme:		Guest Lecture on Physics for Day-Today Life		
2) Name of Organizing Department/Unit:		Physics and Electronics		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Dr. A. A. Yadav (HoD) Dr. D.V. Raje (Coordinator)		
4) Date(s) of the Programme:		04/09/2024		
5) Venue:		VLC		
6) Target Group:		B.Sc. I, II, III and M.Sc. I, II		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching Staff	03	04	07
	Non-Teaching Staff	04	--	04
	Students	11	30	41
8) Name(s) and details of Resource Person(s), if any:		Prof. Dr. M.M. Chaudhari, Maharashtra Mahavidyalaya, Nilanga		
9) Total Expenditure for the Programme:		₹ 1000		
10) Source of Funding:		Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)		

## **B) Report**

### **i. Title**

Guest Lecture on “**Physics for Day-Today Life**”

### **ii. Introduction**

A guest lecture on “Physics for Day-to-Day Life” was organized at VLC on 4<sup>th</sup> September 2024 at 3:30 PM. The session was graced by the presence of Prof. M.M. Chaudhari as the resource person. Physics, as a fundamental branch of science, is deeply embedded in our daily routines. Whether it's the motion of vehicles, the functioning of household appliances, or the technology that powers our communication and entertainment, the principles of physics govern and enhance the world we live in. This lecture aimed to shed light on the practical applications of physics in everyday life, making the subject more relatable and understandable beyond the confines of textbooks and laboratories.

### **iii. Objectives of the Programme**

- To introduce and highlight the role of Physics in everyday activities and common phenomena.
- To outline key concepts and practical applications of Physics in daily life situations.
- To encourage learners to apply basic principles of Physics in solving routine problems, such as enhancing energy efficiency and optimizing the use of technology.

### **iv. Details of Participants**

A total of 41 students attended the Guest Lecture, comprising 11 male and 30 female participants.

### **v. Brief Summary of Guest Lecture**

A guest lecture on “Physics for Day-to-Day Life” was organized at VLC on 4<sup>th</sup> September 2024 at 3:30 PM. The event commenced with a warm welcome and introduction by Dr. D. V. Raje, who highlighted the importance of the topic and introduced the resource person, Prof. M. M. Chaudhari from Maharashtra Mahavidyalaya, Nilanga.

In his engaging and informative session, Prof. Chaudhari emphasized how Physics is intricately woven into our daily routines-often in ways we may not even realize. He explained the science behind common household appliances, the mechanics

of motion in everyday tasks, and the principles of sound and light in various media such as glasses and cameras. The session further explored energy consumption, the working of satellites and spacecraft, and the diverse applications of Physics in medicine, military, and industry. Prof. Chaudhari also encouraged students to explore research opportunities in these areas. Principal Dr Mahadev Gavhane motivated the team to continue organizing such enlightening sessions to help students connect their academic learning with real-world careers. The program was presided over by IQAC Coordinator and HoD, Dr. A. A. Yadav, who elaborated on modern technologies like 3D printing and its medical applications.

The event was anchored by Miss Ayesha Momin, while Miss Kaumudini Lahane and Miss Kanchan Fiske contributed significantly to the success of the program. Mr. Atharva Survase delivered the vote of thanks, expressing gratitude to all contributors and attendees.

#### **vi. Conclusion, with Feedback on the Guest Lecture**

The guest lecture delivered by Prof. M. M. Chaudhari successfully sparked a deeper interest in Physics among the students. His engaging approach and real-life examples helped demystify complex concepts, making Physics more accessible and relatable. The session proved highly beneficial for both UG and PG students, as it broadened their understanding of how Physics extends far beyond academic theory and plays a vital role in everyday life.

Students gained valuable insights into fundamental principles such as motion, electricity, and thermodynamics, and how these principles influence the world around us. The lecture also highlighted how a sound understanding of Physics can enhance problem-solving skills, foster analytical thinking, and contribute to more efficient, energy-conscious decision-making in daily tasks.


Overall, the programme received positive feedback and was appreciated for its practical relevance, thought-provoking content, and its ability to connect academic learning with real-world applications.

#### **vii. Any Appendix If Necessary: List of participants attached**

Date: 06/09/2024

  
HoD  
**HEAD**




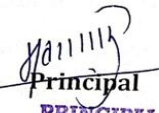
**Department of Physics & Electronics**  
**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**

  
Principal  
**PRINCIPAL**  
**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**

### C) Photographs

	
Prof. M. M. Chaudhari delivering Guest Letcure	
	
Dr Abhijit Yadav delivering the presidential address	Mr. Atharva Survase delivering the vote of thanks

### D) Notice and Flyer of the Guest Lecture

<p style="text-align: center;">   <b>Rajarshi Shahu Mahavidyalaya Latur (Autonomous)</b>  <b>Department of Physics and Electronics</b>  <b>NOTICE</b>  <b>Date: 31.08.2024</b>  <p>All the Students of B. Sc. and M.Sc. Physics are hereby informed that, the "Inaugural function of Physics Students' Association (PSA) 24-25" will be held on 4<sup>th</sup> Sept. 2024 at 2.30 pm in VLC. Inaugurator and Chief Guest of the program will be Dr. Milind M. Chaudhary, Rtd. Professor Maharashtra Mahavidyalaya, Nilanga. He will deliver a guest lecture on "Physics in day-today life".</p> <p>It's mandatory for all Physics Students to attend the program.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">   <b>Director/Coordinator</b>  31.08-24 </div> <div style="text-align: center;">   <b>HOD</b>  <b>HEAD</b>  Department of Physics &amp; Electronics  Rajarshi Shahu Mahavidyalaya, Latur  (Autonomous) </div> <div style="text-align: center;">   <b>Principal</b>  <b>PRINCIPAL</b>  Rajarshi Shahu Mahavidyalaya,  (Autonomous) </div> </div> </p>	Notice of Guest Lecture	
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**Rajarshi Shahu Mahavidyalaya (Autonomous),  
Latur (MS)**



**Department Of Physics & Electronics**



**Guest Lecture on**

**“Physics for Day-Today life”**



**Org. by Physics Students' Association  
(PSA): 2024-25**

**Date: 04 Sept 2024,**

**Time: 3:30 PM,**

**Venue: VLC Hall( RSML)**

**Chairperson :**

**Prin. Dr. Mahadev Gavhane**

**Resource Person : Prof. Dr. M.M. Chaudhari, Rtd. Professor, MM Nilanga**

**Dr. D.V. Raje**

Coordinator

**Dr. A.A. Yadav**

IQAC Coordinator & HoD

**Prof. S. N. Shinde**

Vice-Principal

**Dr. Mahadev Gavhane**

Principal

**Flyer of the Guest Lecture**





Shiv Chhatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
 Department of Physics & Electronics  
 Organizes

**"Guest Lecture on Physics for Day-Today Life"**  
**Attendance Sheet**

Date: 04/09/2024

Sr. No	Name	Class	Gender	Signature	Remark
1	Kamble Nagesh Deepak	B.Sc.-III	Male		
2)	Sawant Prajwal Pramod	BSC-III	male		
3)	Jagtap Omkar Balaji	B.Sc.-III	male		
4)	Mungle Kashif Abdulgaffur	B.Sc. III	male		
5)	Surwase Mahesh Nagesh	B.Sc.-III	male		
6)	Tanmay Dnyaneshwar Jadhav	B.Sc II	Male		
7)	Amardeep Satish Markale	B.Sc II	Male		
8)	Kodam Ajay Balaji	B.Sc. I	Male		
9)	Mature Ganesh	BSC I	Male		
10)	Landge Mahesh	BSC I	Male		
11)	Bhadke Shraddha	BSC I	Femal		
12)	Dhore Sakshi Varjanath	BSC I	Female		
13)	Birle Aditi Ankush	BSC I	female		
14)	Monin Ayesha	BSC I	female		
15)	Usture Peachi Sudhir	BSC I	female		
16)	Kapre Prajka Rajesh	BSC-II	female		
17)	Soutakke Samiksha A	BSC-II	female		
18)	Ghaikhan Muskan Shrotraphodini	BSC-III	female		
19)	Painapalle Shreuti Dnyaneshwar	BSC-III	Female		
20)	Chotwe Sakshi H.	B.Sc TY	Female		
21)	Tambolkar P.P.	B.Sc TY	Female		
22)	Autade Pratiksha H.	BSC Ty.	F		





Shiv Chhatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
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**Attendance Sheet**

Date: 04/09/2024

	Name	Class	Gender	Signature
23)	Jadhav Trupti D.	BSc Ty	F.	
24)	Darade Vaishnavi M.	BSc TY	F	Vaishnavi
25)	Gitte Vaishnavi R	BSc TY	F	Gitte
26)	Wangwad Trupti R.	BSc SY	F	Trupti
27)	Zipe Shweta S.	BSc SY	F	
28)	Surwate Atharv	BSc SY	M	
29)	Raje Shweta C.	MSC SY	F	Shweta
30)	Kamble Shital G.	MSC SY	F	Shital
31)	Nandave Kajal B.	MSC-SY	F	Kajal
32)	Qureshi Saadiya F	"	F	Saadiya
33)	Kamble Nishu S.	BSc TY	F	
34)	Waghmare Teupiti	BSc FY	F	Azuli Waghmare
35)	shaikh Mahek	"	F	mahek
36)	Sayyed Mahek	"	F	mahek
37)	Sayyed Javeriya	"	F	Javeriya
38)	shinde siddhiravindra	"	F	shinde
39)	choudhary alish	"	F	alish
40)	Aanya Patil	"	F	Aanya
41)	shinde Sakshi	"	F	shinde
	Male : 11			
	Female : 30			
	Total : 41			

Coordinator

**HEAD**

Department of Physics & Electronic  
 Rajarshi Shahu Mahavidyalaya, Lat  
 (Autonomous)



**PRINCIPAL**  
 Rajarshi Shahu Mahavidyalaya, Latur  
 (Autonomous)