



Shiv Chhatrapati Shikshan Sanstha's

## Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

### Department of Physics & Electronics

#### A) A Summary Report of the Activity

1) Title of Programme:		Guest Lecture on "Understanding the Universe with Scientific Temper” Under Scientist - Students interaction		
2) Name of Organizing Department/Unit:		Department of Physics and Electronics		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Chief Organizer: Dr Mahadev Gavhane Principal Joint Organizer: Prof Sadashiv Shinde, Vice-Principal Convener: Dr Abhijit Yadav Organizing Secretary: Dr Dayanand Raje		
4) Date(s) of the Programme:		28 <sup>th</sup> April, 2022		
5) Venue/Mode:		Online Google Meet Platform Google Meet link: <a href="https://meet.google.com/uxk-dvwp-rxi">https://meet.google.com/uxk-dvwp-rxi</a>		
6) Target Group:		Students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	07	01	08
	Non-Teaching	01	--	01
	Students	22	28	50
8) Name(s) and details of Resource Person(s), if any:		Dr. Santosh Takale Sr. Scientist, BARC Mumbai		
9) Total Expenditure for the Programme:		Free Under Scientist- Student Interaction		
10) Source of Funding:		Not Applicable		

## **B) Report**

### **i. Title**

Guest Lecture on "Understanding the Universe with Scientific Temper" under Scientist - Students Interaction

### **ii. Introduction**

Students often consider scientific temperament as a concept far removed from reality, which is only important to the scientific community. Scientific temperament is a state of mind where a man or woman makes decisions (both, big and small) and acts according to a rational belief system, which can be tested and validated as and when required by mathematical modeling and/or experimentation. Scientific temperament is important for making society free of superstitions and irrational practices. In order to develop the scientific temperament among the students, the guest Lecture on "Understanding the Universe with Scientific Temper" under Scientist - Students Interaction was organized.

### **iii. Objectives of the Guest Lecture**

- To create scientific awareness among students and staff.
- To inculcate the scientific knowledge among students.
- To provide platform for interaction.

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

59 Participants (Male 30 and 29 Female) attended the Guest Lecture.

### **v. Brief Summary of Events/ Sessions**

Convener of the guest lecture Dr A.A. Yadav delivered the concept note and introduced the speaker. Dr. Santosh Takale, Sr. Scientist, BARC Mumbai started his lecture with idea that 'children must be taught how to think, not what to think'. He explained the view and challenges in developing scientific temper based on social environment and educational exposure that a person receives in his/her life (early life). Recent telescope, origin of universe, big bang theory, Vedang Jyotish, Lonar Crater, Origin of solar system, ranking of universities in global innovation ranking, etc are the some of the highlights of his speech. In the end, students interacted with Dr. Santosh Takale, Sr. Scientist, BARC Mumbai. Prof Swapnil Undalkar proposed vote of thanks.

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

This guest lecture was beneficial, as it cleared doubts in students mind. The approach of students towards day-to-day things was found to be changed.

**vii. Any Appendix If Necessary**

List of participants.

Date: 29.04.2022

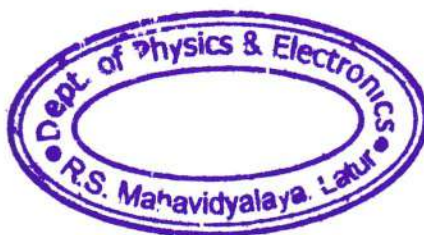
  
Dr. A.A. Yadav

HoD  
**HEAD**

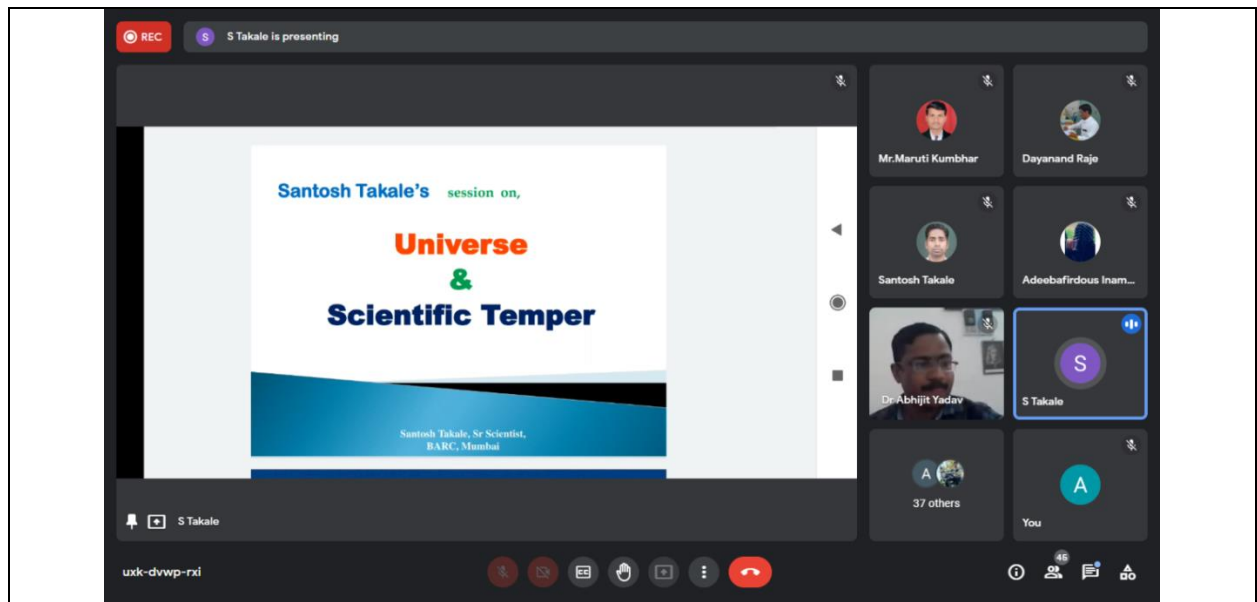
Department of Physics & Electronics  
Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)

  
Dr. M.H. Gavhane

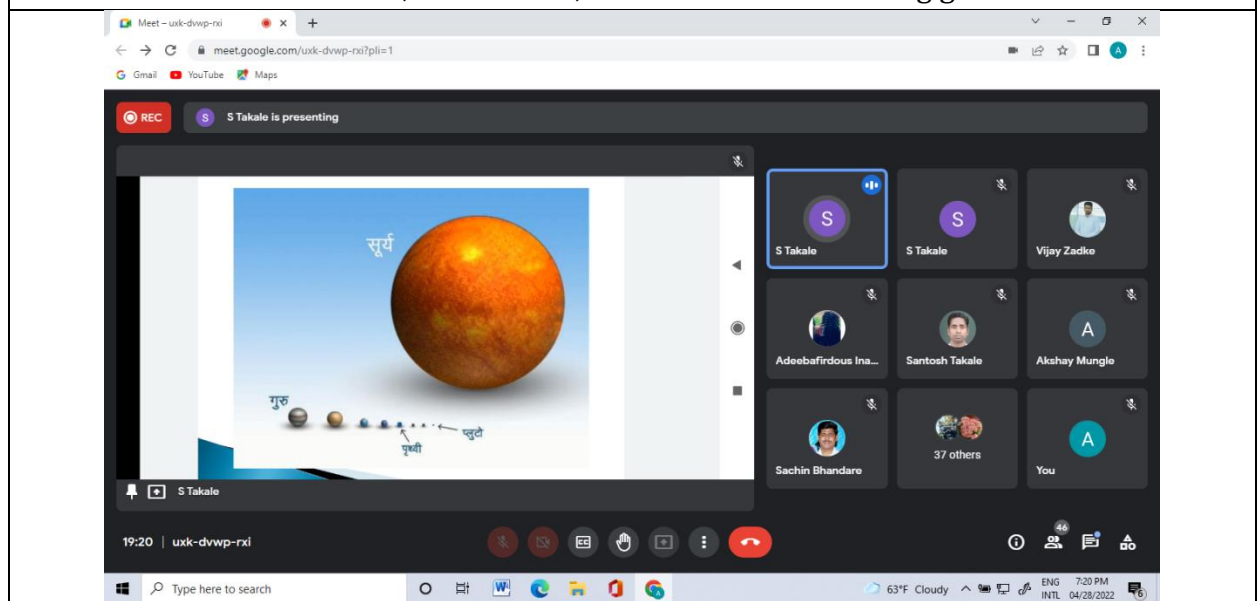
Principal  
**PRINCIPAL**  
Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur



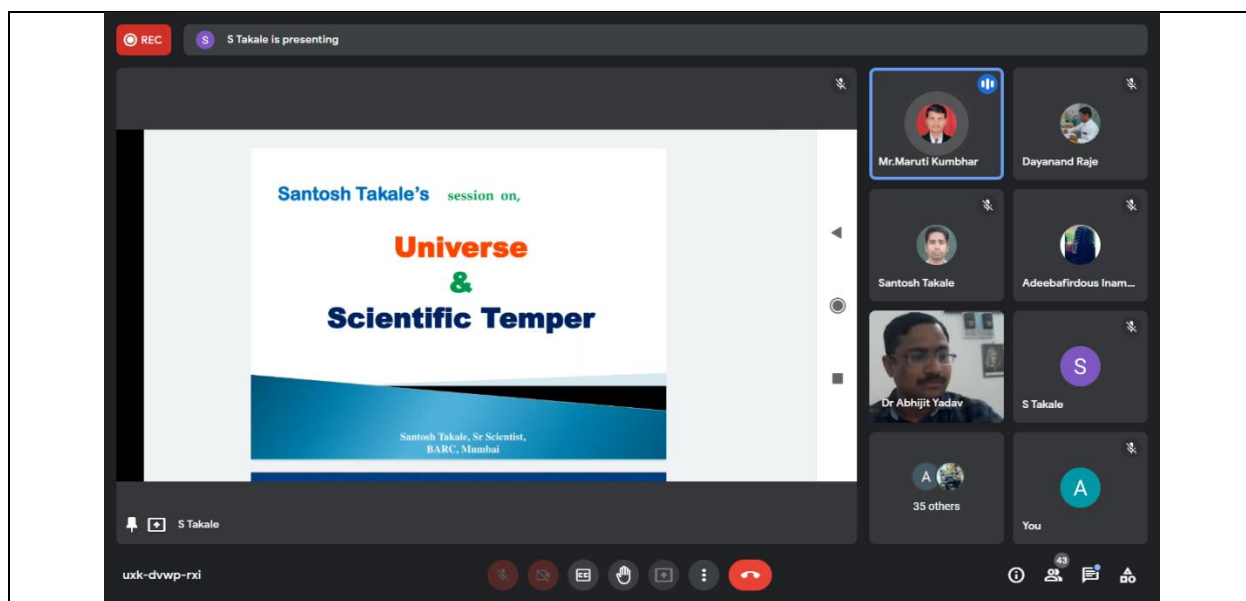
### C) Screenshots/Geotagged Photographs



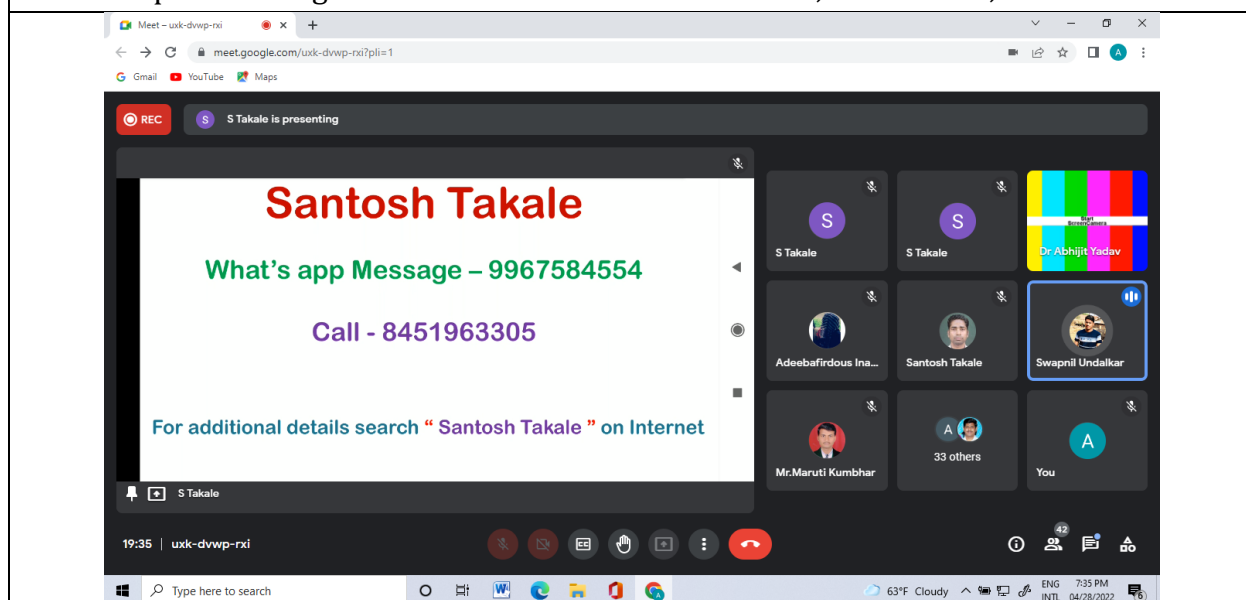
Dr. Santosh Takale, Sr. Scientist, BARC Mumbai delivering guest lecture



Dr. Santosh Takale, Sr. Scientist, BARC Mumbai discussing science behind solar system.



Participants during interaction with Dr. Santosh Takale, Sr. Scientist, BARC Mumbai



Prof Swapnil Undalkar proposing vote of thanks.

**D) Link for videos if any:**

<https://youtu.be/KOPNIMXQd5U>

E) Brochure :



Shiv Chhatrapati Shikshan Sanstha's

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

(NAAC Accredited (Third Cycle) B<sup>+</sup> Grade with CGPA 2.99, Best College (Urban Area) Award 2021 by University)

**Department of Physics and Electronics**

**Organizes**

**Guest Lecture**

**on**

**"Understanding the Universe with Scientific Temper"**

**Under Scientist - Students Interaction Program**

**Date : 28-04-2022 (Thursday)**

**Time : : 06.30 to 07.30 pm (Evening)**



**: Speaker :**

**Santosh Takale**

Sr. Scientist, BARC Mumbai

<b>Patron</b> <b>Dr. Gopalrao Patil</b> President Shiv Chhatrapati Shikshan Sanstha, Latur	<b>Patron</b> <b>Principal Anirudh Jadhav</b> Secretary Shiv Chhatrapati Shikshan Sanstha, Latur	<b>Chief Organizer</b> <b>Dr. Mahadev Gavhane</b> Principal
<b>Organizing Secretary</b> <b>Dr. Dayanand Raje</b> Director, Physics Students Association	<b>Joint Organizer</b> <b>Prof. Sadashiv Shinde</b> Vice Principal	<b>Convener</b> <b>Dr. Abhijit Yadav</b> IQAC Coordinator

**ORGANIZING COMMITTEE**

● Mr. Swapnil Undalkar	- Member	● Mr. Vijay Zadke	- Member
● Mr. Maruti Kumbhar	- Member	● Mr. Atul More	- Member
● Mr. Akshay Mungale	- Member	● Mrs. Rupali Katkar	- Member

**Free Registration**

**Link for Registration:** <https://forms.gle/VtjSM3sEH7eJusxa7>

**Google Meet link to Join:** <https://meet.google.com/uxk-dvwp-rxi>

**YouTube live link:** <https://youtu.be/KOPNJMXQd5U>

## F) Any Other Publicity Material (news reports, online publicity, etc)

### News communicated to Media.

वैज्ञानिक दृष्टिकोनातून विश्व समजून घेणे काळाची गरज

- डॉ. संतोष टाकळे

लातूर दिनांक . २९/०४/२०२२ (प्रतिनिधी)

मानसाने शेवट पर्यंत विद्यार्थी असले पाहिजे. मुलांना चांगले विचार करण्यासाठी प्रवृत्त करणे, ज्ञानाची कक्षा वैज्ञानिक दृष्टिकोनातून वाढवणे हे पालक, शिक्षक व समाजाचे कर्तव्य आहे असे प्रतिपादन डॉ. संतोष टाकळे, वरीष्ठ वैज्ञानिक भाभा परमाणू अनुसंधान केंद्र मुंबई यांनी राजर्षी शाहू महाविद्यालय लातूर येथील भौतिकशास्त्र विभागाने आयोजित केलेल्या वैज्ञानिक व विद्यार्थी संवाद अंतर्गत वैज्ञानिक दृष्टिकोनातून विश्व समजून घेणे या विषयावर आयोजित केलेल्या ऑनलाईन कार्यक्रमाध्ये व्यक्त केले.

विश्वाची उत्पत्ती, पृथ्वीची निर्मिती व मानवाच्या उत्क्रांती पासून गॅलिलिओ, न्यूटन यांच्या संशोधना बदलची माहिती सांगतांना विज्ञान समजतो तितका सोपा नाही. त्यासाठी बुध्दीला तान द्यावा लागतो असे सांगत असताना समाजसुधारक महात्मा ज्योतिबा फुले, सावित्रीबाई फुले ते जाणताराजा छत्रपती शिवाजी महाराज यांच्याही कार्याची जाणीव करून दिली.

पढेगा इंडिया तो बढेगा इंडिया असे सांगत अध्यात्मीक व वैज्ञानिक अभ्यास करून समाजाला सांस्कृतिक, बौद्धिक व वैज्ञानिक दृष्टिकोनासाठी खतपाणी घालणा-या स्वामी विवेकानंद, गौतमबुद्ध यांसारख्या महान विभूतिंचे समाजासाठीच्या योगदाना बद्दल चर्चा करून विद्यार्थ्यांचे प्रोत्साहक डॉ. अबदुल कलाम यांच्या कार्याची ओळख करून दिली व विद्यार्थ्यांना संशोधन करण्यासाठी प्रवृत्त करतांना नैसर्गिक साधन संपत्तीचा वापर आपल्या मानव कल्याणासाठी करत असतांना आपल्या महान संस्कृतीचे जतन झाले पाहिजे याची जाणीव करून दिली

या प्रसंगी कार्यक्रमाचे प्रास्तावीक भौतिकशास्त्र विभागाचे विभागप्रमुख डॉ. अभिजित यादव यांनी केले कार्यक्रमाचे सुत्रसंचालन प्राध्यापक मारुती कुंभार व आभार प्रदर्शन प्रा. स्वप्नील उंडाळकर यांनी केले. या कार्यक्रमाच्या आयोजनासाठी महाविद्यालयाचे प्राचार्य डॉ. महादेव गव्हाणे व उपप्राचार्य प्रा. सदाशिव शिंदे यांचे मार्गदर्शन लाभले. याप्रसंगी भौतिकशास्त्र विभागातील डॉ. दयानंद राजे, प्रा. विजय झाडके, प्रा. अक्षय मुंगळे, प्रा. अतुल मोरे, प्रा. रुपाली काटकर तसेच विद्यार्थी उपस्थित होते.



## G) Student Notices

8:28 VoLTE 4G+ 49%

**B.Sc Physics 2021-22**  
only admins can send messages

April 25, 2022

**Mr. m b Kumbhar**  
Forwarded

**Registration Form for Scientist - Students Interac...**  
docs.google.com

राजर्षी शाहू महाविद्यालय (स्वायत्त) लातूर,  
सूचना  
दि. २५.०४.२०२२

सर्व विद्यार्थ्यांना सूचित कारतण्यात येते कि,  
'शास्त्रज्ञांशी विद्यार्थ्यांचा संवाद' या कार्यक्रमांतर्गत  
राजर्षी शाहू महाविद्यालय (स्वायत्त) लातूर,  
भौतिकशास्त्र विभागातर्फे गुरुवार दि २८ एप्रिल  
२०२२ रोजी संध्याकाळी ६.१५ वाजता डॉ. संतोष  
टाकळे यांचे 'वैज्ञानिक दृष्टिकोनातून विश्व समजून  
घेणे' (Understanding the Universe with  
Scientific Temper) या विषयावर ऑनलाईन  
व्याख्यान आयोजित करण्यात आले आहे.  
सदरील व्याख्यानासाठी खालील लिंकद्वारे नोंदणी  
करावी .

<https://forms.gle/VtjSM3sEH7eJusxa7>

कार्यक्रमामध्ये जॉईन होण्यासाठी खालील  
लिंकचा वापर करावा.

Message

8:22 VoLTE 4G+ 50%

**Shahu Students**  
3.6K subscribers

April 26

**Shahu Students**  
Forwarded message  
From Shahu FY Students 2021-22

राजर्षी शाहू महाविद्यालय (स्वायत्त) लातूर,  
सूचना  
दि. २५.०४.२०२२

सर्व विद्यार्थ्यांना सूचित कारतण्यात येते कि,  
'शास्त्रज्ञांशी विद्यार्थ्यांचा संवाद' या कार्यक्रमांतर्गत  
राजर्षी शाहू महाविद्यालय (स्वायत्त) लातूर,  
भौतिकशास्त्र विभागातर्फे गुरुवार दि २८ एप्रिल  
२०२२ रोजी संध्याकाळी ६.१५ वाजता डॉ. संतोष  
टाकळे यांचे 'वैज्ञानिक दृष्टिकोनातून विश्व समजून  
घेणे' (Understanding the Universe with  
Scientific Temper) या विषयावर ऑनलाईन  
व्याख्यान आयोजित करण्यात आले आहे.  
सदरील व्याख्यानासाठी खालील लिंकद्वारे नोंदणी  
करावी .

<https://forms.gle/VtjSM3sEH7eJusxa7>

कार्यक्रमामध्ये जॉईन होण्यासाठी खालील  
लिंकचा वापर करावा.

Google Meet link: <https://meet.google.com/uxk-dvwp-rxi>

YouTube live link: <https://youtu.be/KOPN.IMXQd5II>

MUTE



Rajarshi Shahu Mahavidyalaya (Autonomous), Latur  
Guest Lecture on "Understanding the Universe with Scientific Temper"  
Under Scientist - Students Interaction  
List of Participants (28.04.2022)

<b>Sr No</b>	<b>Name Of The Students</b>	<b>Gender</b>	<b>Designation</b>
1	Anjali Dnyaneshwar Pote	Female	Student
2	Pawar Pranita Limbraj	Female	Student
3	Vaishnavi Gajendra Dhole	Female	Student
4	Ishwari Ashok Warad	Male	Student
5	Shirole Kalpana Vitthal	Female	Student
6	Ghodke Mohar Somnath	Female	Student
7	Poonam Vyankatesh Thorat	Female	Student
8	Tikte Charudatta Devanand	Male	Student
9	Arjune Pradip Maroti	Male	Student
10	Pawar Satyavan Ramesh	Male	Student
11	Mujawar Mohij Ismail	Male	Student
12	Ganesh Ravikumar Niture	Male	Student
13	Ulfe Tanuja Balaji	Female	Student
14	Muktapure Shrushti Shivkumar	Female	Student
15	Solunke Mayuri Murlidhar	Female	Student
16	Shinde Sujata Pandit	Female	Student
17	Sarthak Nilesh Parsalge	Male	Student
18	Gund Suraj Madhukar	Male	Student
19	Priyanka Baban Waghmare	Female	Student
20	Shinde Rutik Bhimrao	Male	Student
21	Bhalke Aashlesha Bhalaji	Female	Student
22	Dudhabhate Shital Balaji	Female	Student
23	Saware Sonali Vilas	Female	Student
24	Swapnpriya Vasantryao Shinde	Female	Student
25	Shaikh Anjum Dastgir	Female	Student
26	Sayyed Noorjahan Qayyum Fulari	Female	Student
27	Yogita Vijaykumar Munge	Female	Student
28	Rutuja Bhujangrao Deshmukh	Female	Student
29	Kamble Dhondutatya Laxman	Male	Student
30	Tate Shivani Dattatray	Female	Student
31	Saykar Vishnu Dhondiram	Male	Student
32	Tawade Rohit Santram	Male	Student
33	Shelke Nikita Sanjay	Female	Student
34	Shivkanya Khadap	Female	Student
35	Pankaj Vithal Salve	Male	Student
36	Kadam Sanjivani Shriram	Female	Student

37	Dhumal Prasad Yuvraj	Male	Student
38	Mankare Vaishnavi Gorakh	Female	Student
39	Sandesh Suresh Chavan	Male	Student
40	Hiram Nijam Shaikh	Female	Student
41	Yelgatte Anuja Nagnath	Female	Student
42	Rupeshkumar Salunke	Male	Student
43	Somnath Nagnath Chimadge	Male	Student
44	Bochkari Gajanan Kailas	Male	Student
45	Malkude Omkar Manmathappa	Male	Student
46	Prajwal Gurudatta Kamble	Male	Student
47	Swati Subhashrao Chinchbankar	Female	Student
48	Mahesh Dnyanoba Indrale	Male	Student
49	Chawale Nilesh Bhimashankar	Male	Student
50	Gunale Pratiksha Suryakant	Female	Student
51	Yadav Abhijit Audumbar	Male	Teacher
52	Raje Dayanand Vishwanath	Male	Teacher
53	Undalkar Swapnil Sampatrao	Male	Teacher
54	Maruti Baliram Kumbhar	Male	Teacher
55	Zadke Vijay Balaji	Male	Teacher
56	Atul Shesherao More	Male	Teacher
57	Mungale Akshay Kishnarao	Male	Teacher
58	Katakar Rupali	Female	Teacher
59	Bhoiwad Amar	Male	Lab. Assistant

Date: 29.04.2022

  
Dr. A.A. Yadav

HoD  
**HEAD**

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

  
Dr. M.H. Gavhane

Principal  
**PRINCIPAL**

Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur

