



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 "Laser and It's Applications"		
2) Name of Organizing Department/Unit:		Physics and Electronics		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Dr. Mahadev Gavhane, Principal & Chief Organizer Dr. A.J. Raju, Vice Principal Prof. S.N. Shinde, Vice Principal Dr. A. A. Yadav, HoD Dr. D.V. Raje, Director, PSA		
4) Date(s) of the Programme:		8 <sup>th</sup> September 2021		
5) Venue/Mode:		Online via ZOOM Platform		
6) Target Group:		UG & PG Students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	07	00	07
	Non-Teaching	--	--	--
	Students	47	63	110
8) Name(s) and details of Resource Person(s), if any:		Prin. Dr. Ravindra Kathare, Karmveer Mamasahab Jagdale College, Washi.		
9) Total Expenditure for the Programme:		1000/-		
10) Source of Funding:		Rajarshi Shahu Mahavidyalaya (Autonomous), Latur		

## B) Report

### i. Title

Guest Lecture on "Laser and It's Applications"

### ii. Introduction

Department of Physics and Electronics offers Photonics as a specialization at M.Sc. In order to have larger exposure to laser systems, the guest lecture was arranged online on 8<sup>th</sup> September 2021 at 4.00 PM via ZOOM app. Prin. Dr. Ravindra Kathare, Karmveer Mamasahab Jagdale College, Washi was as a resource person.

### iii. Objectives of the Guest Lecture

- To gain the more knowledge about Laser and it's Applications.
- To motivate the students for research in the field of lasers.
- To provide a platform where the students can get their doubts and queries cleared.

### iv. Details of Participants

117 (54 Male, 63 Female) participants attended the guest lecture.

### v. Brief Summary of Events/ Sessions

Dr A.A. Yadav, HoD department of Physics and Electronics introduced the Resource Person and the theme of the guest lecture. Prin. Dr. Ravindra Kathare delivered lecture on "Laser and It's Applications". He discussed the Principle, Construction and Working of Laser. Through his lecture he highlighted the applications of lasers in various fields like industry, engineering, communication, medical, in defense, etc. He said that lasers are also used for cutting, drilling and welding purposes; now a day's laser used in medical field for eye surgeries, for kidney stone removing, for communication purposes, etc. It was thoroughly enlightening and informative session for the benefit of the students.

At the end Dr. Dayanand Raje proposed vote of thanks. Miss. Devyani Biradar anchored the program. Mr S.S. Undalkar, Mr M.B. Kumbhar, Mr. A.S. More, Mr. A. K. Mungle, Mr. V. B. Zadke and students were present.

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

The guest lecture was beneficial to the UG & P.G. students. The students gained new insight into lasers, types of lasers, applications of lasers, research in the field of lasers, etc.

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

Date: 10.09.2021

  
Dr. A.A. Yadav

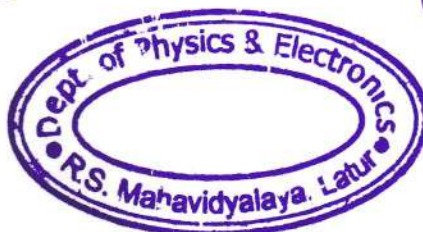
HoD  
**HEAD**

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

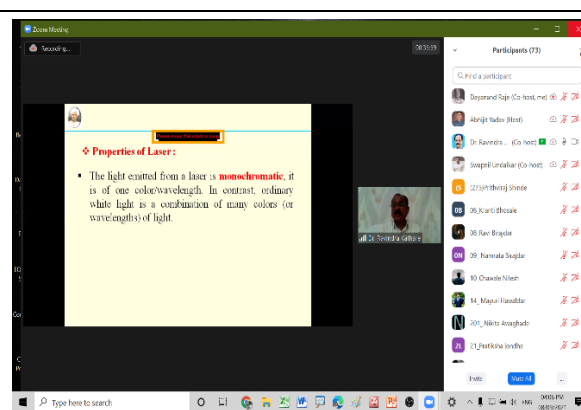
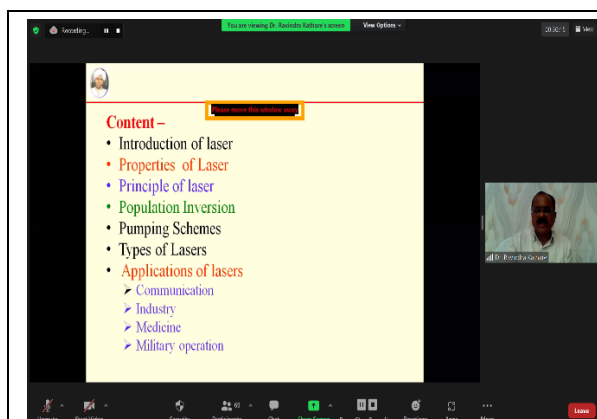
  
Dr. M.H. Gavhane

Principal  
**PRINCIPAL**

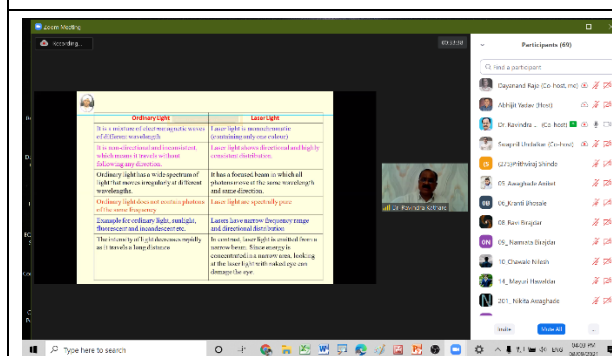
Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur



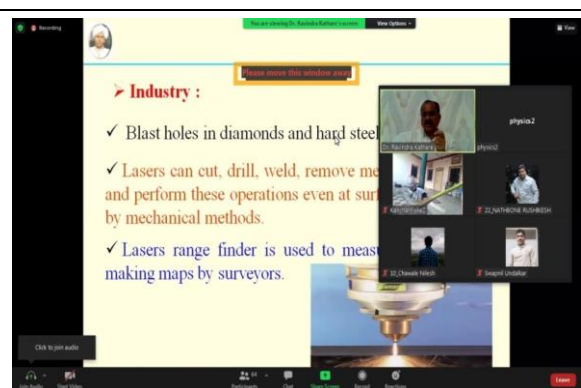
## C) Geotagged Photographs/ Screenshots:



Dr R.V. Kathare explaining important properties of lasers



Participants during the guest lecture



Dr R.V. Kathare explaining applications of lasers

**D) Brochure of the Guest Lecture:**

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

 *Department of Physics and Electronics* 

**PSA (Physics Students Association) 2021-22**

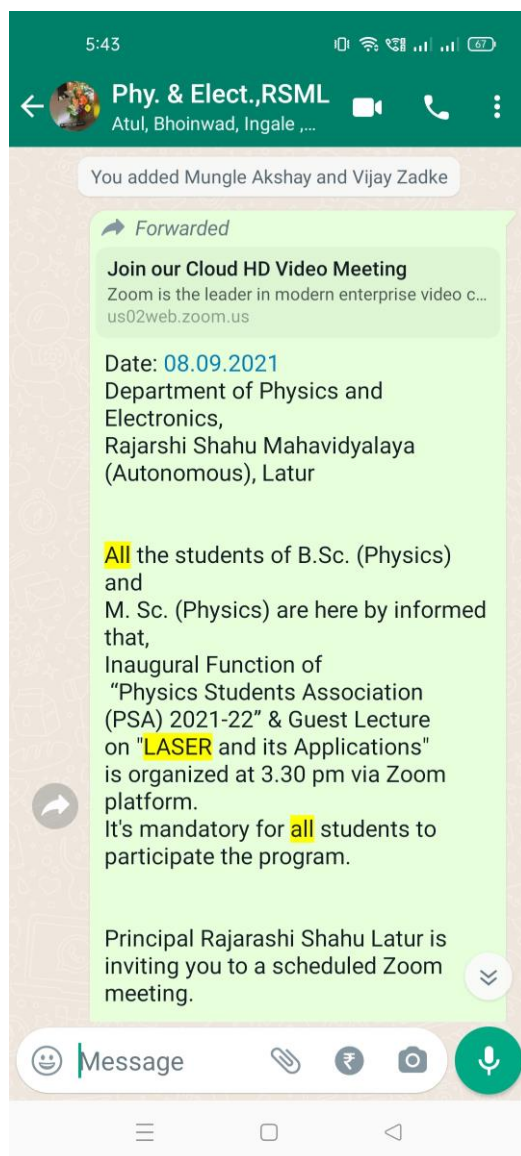
**Inaugural Function  
& Guest Lecture on  
“LASER and its Applications”**

**Date: 8<sup>th</sup> Sept.2021 ;      Time: 3.30 pm ;      Meet Via: Zoom**

**Chairperson : Prin. Dr. Mahadev Gavhane**  
**Resource Person : Prin. Dr. Ravindra Kathare**  
(KMJ Mahavidyalaya, Washi)

<b>Dr. D.V. Raje</b>	<b>Dr. A.A. Yadav</b>	<b>Prof. S. N. Shinde</b>	<b>Dr. A. J. Raju</b>	<b>Dr . M.H. Gavhane</b>
Director	IQAC Coordinator & HoD	Vice-Principal	Vice-Principal	Principal

### E) Any Other Publicity Material: Notice



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

Department of Physics & Electronics

Guest Lecture on "Laser and It's Applications".

List of participants (8<sup>th</sup> September 2021)

<b>Sr. No.</b>	<b>Name</b>	<b>Gender</b>	<b>Designation</b>
1	Gandle Mukesh Nivruti	Male	Student
2	Pakhare Satyajeet Santosh	Male	Student
3	Shinde Aditya Gopalrao	Male	Student
4	Barure Pritam	Male	Student
5	Gudmewad Ashutosh Dnyaniba	Male	Student
6	Surwase Divya Rajendra	Female	Student
7	Deshpande Ganesh Anand	Male	Student
8	Kale Mangesh Mukund	Male	Student
9	Rathod Pratik Rajabhau	Male	Student
10	Kasbe Sagar Ramdas	Male	Student
11	Jadhav Ankita Sambhaji	Female	Student
12	Panchal Pratiksha Shridhar	Female	Student
13	Bhosale Tanuja Maloji	Female	Student
14	Kulkarni Sanket Sanjay	Male	Student
15	Sarge Rohit Sanjay	Male	Student
16	Kadam Vaishnai Shrirang	Female	Student
17	Kumbharkar Sandhya Subhash	Female	Student
19	Deshmukh Neha Babasaheb	Female	Student
20	Mitkari Madhura Maheshshankar	Female	Student
21	More Rutuja Kushindar	Female	Student
22	Raje Shweta Chandrakant	Female	Student
23	Waghmare Pranav S	Male	Student
24	Mukke Mahesh Balaji	Male	Student
25	Taheveen Shoheb Shaikhdar	Male	Student
26	Shinde Aishwarya Bhagwat	Female	Student
27	Kamble Shital Govind	Female	Student
28	Shinde Shruti Vinod	Female	Student
29	Shinde Pratik Pratap	Male	Student
30	Kadam Sumit Satish	Male	Student
31	Patil Ganesh Baswaraj	Male	Student
32	Aitanbone Yashwant Narsing	Male	Student



33	More Pavan Vyankarao	Male	Student
34	Halkare Meghna Madhav	Female	Student
35	Gaund Pradnya Mukteshwar	Female	Student
36	Helamble Sakshi Sanjay	Female	Student
37	Maniyar Rajesab Fatteahmad	Male	Student
38	Biradar Devyani	Female	Student
39	Jadhav Aniket Pradeep	Male	Student
40	Patil Akshata Ashok	Female	Student
41	Natve Saraswati Vyankatrao	Female	Student
42	Barote Raziya M. Zabal	Female	Student
43	Shaikh Shireen Mohammed	Female	Student
44	Sayyed Sanobar Tajuddin	Female	Student
45	Chaudhari Saima Mushtaq	Female	Student
46	Wavhal Nisha Sudhakar	Female	Student
47	Deshmukh Namrata Santosh	Female	Student
48	Deshmukh Mayuri Anantrao	Female	Student
49	Yernale Kshitija Sanjay	Female	Student
50	Shendge Nikita Nagnath	Female	Student
51	Awaghade Nikita Chandrakant	Female	Student
52	Jogdand Nandini Balasaheb	Female	Student
53	Konale Vaishnavi Prakash	Female	Student
54	Mohite Shradha	Female	Student
55	Bhong Aishwarya Pavan	Female	Student
56	Jadhav Gaytri Balasaheb	Female	Student
57	Kamble Rajnigandha Rajkumar	Female	Student
58	Yelgatte Anuja Nagnath	Female	Student
59	Kulkarni Pratiksha Shriniwas	Female	Student
60	Mitkari Aakansha Shivdas	Female	Student
61	Khatal Chaitanya Narsingrao	Male	Student
62	Jadhav Pratiksha Rameshwar	Female	Student
63	Kulkarni Divya Anantrao	Female	Student
64	Rasal Sapna Raju	Female	Student
65	Solanke Vaishnavi Satishrao	Female	Student
66	Dhumal Akansha Jitendra	Female	Student
67	Monkare Vaishnavi Gorakh	Female	Student
68	Rathod Priya Pandhari	Female	Student
69	Surwase Vaishnavi Laxman	Female	Student

70	Pethkar Priyanka Arvind	Female	Student
71	Awaghade Aniket Chandrakant	Female	Student
72	Indrale Mahesh Dnyanoba	Male	Student
73	Wankhede Sujeet Umakant	Male	Student
74	Ingale Shivshankar Balaji	Male	Student
75	Biradar Datta M	Male	Student
76	Khande Rohit Yuvraj	Male	Student
77	Shinde Pruthaviraj Sarjerao	Male	Student
78	Arjune Pradip Maruti	Male	Student
79	Deshmukh Premkumar Pramod	Male	Student
80	Patange Shubham Sharad	Male	Student
81	Kurle Shridhar chandrashekhar	Male	Student
82	Suryawanshi Premdada Vinayak	Male	Student
83	Kamble Urmila Madhukar	Female	Student
84	Suryawanshi Adesh Goroba	Male	Student
85	Pawar Sarthak Rajendra	Male	Student
86	Chavan Sandesh Suresh	Male	Student
87	Barote Jainvlabin M Iqbal	Male	Student
88	Maske Ganesh Rajendra	Male	Student
89	Niras Rushiprasad Nagnath	Male	Student
90	Bahire Suraj Dhananjay	Male	Student
91	Shinde Vaibhav Madhav	Male	Student
92	Ghodke Mohar Somnath	Female	Student
93	Patil Vishakha B.	Female	Student
97	Birajdar Namrata Shivaji	Female	Student
98	Londhe Pratiksha Nitin	Female	Student
95	Hawaladar Mayuri Venkatrao	Female	Student
96	Walande Nikita Baswaraj	Female	Student
94	Pawar Pranita Limbraj	Female	Student
99	Chinchboker Swati S	Female	Student
100	Thorat Poonam Vyankatesh	Female	Student
101	Bhosale Kranti Babanrao	Female	Student
102	Jagtap Mayuri Hanmant	Female	Student
103	Chewale Nilesh B	Male	Student
104	Birajdar Parmeshwar Anil	Male	Student
105	Tompe Archana Ashok	Female	Student
106	Birajdar Ravi Sidheshwar	Male	Student



107	Kotwal Bushra Isub	Female	Student
108	Patil Rutuja Ankush	Female	Student
109	Nathbone Rushikesh Pandurang	Male	Student
110	Dhumal Prasad Yuvraj	Male	Student
111	Yadav Abhijit Audumbar	Male	Teacher
112	Raje Dayanand Vishwanath	Male	Teacher
113	Undalkar Swapnil Sampatrao	Male	Teacher
114	Maruti Baliram Kumbhar	Male	Teacher
115	Zadke Vijay Balaji	Male	Teacher
116	Mungale Akshay	Male	Teacher
117	More Atul	Male	Teacher

Date: 10.09.2021

  
Dr. A.A. Yadav  
HoD

**HEAD**

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

  
Dr. M.H. Gayhane  
Principal

**PRINCIPAL**

Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur

