



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:		Poster Presentation Competition on National Space Day 2025 Theme: "Aryabhatta to Gaganyaan": The Role of Laser Technology		
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 Joint Organizer: Dr Abhijit Yadav Convener: Miss Mayuri V. Hawaldar Joint Secretary: Miss Vishakha B. Patil		
4) Date(s) of the Programme:		Saturday 23 rd August, 2025 at 11.00 AM		
5) Venue/Mode:		Department of Physics and Electronics		
6) Target Group:		UG and PG Students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	04	03	07
	Non-Teaching	02	--	02
	Students	11	27	38
8) Name(s) and details of Examiner (s), if any:		Miss Pranjali Kumbhar, Department of Botany, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Miss Akanksha Mitkari, Department of Mathematics, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)		
9) Total Expenditure for the Programme:		1000/- (Prize Money)		
10) Source of Funding:		Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)		

B) Report

i. Title: Poster Presentation Competition on National Space Day 2025

Theme: "Aryabhata to Gaganyaan": The Role of Laser Technology

ii. Introduction

To mark this significant occasion National Space Day, the Department of Physics and Electronics hosted a poster presentation competition on August 23, 2025. The event, which commenced at 11:00 a.m., centered on the theme "Aryabhata to Gaganyaan": The Role of Laser Technology. This topic not only paid homage to India's rich scientific heritage, from the ancient astronomer Aryabhata to the modern Gaganyaan manned mission, but also highlighted the pivotal role of laser technology in advancing space research and exploration.

iii. Objectives of the Poster Presentation Competition

- To create scientific awareness among students and staff.
- To promote teamwork and a deeper understanding of the role of lasers in space.
- To encourage creative thinking, in-depth research, and extensive reading.
- To offer hands-on learning experiences, enhancing the overall learning process for students.

iv. Details of Participants

38 (Boys 11 and Girls 27) students presented posters.

v. Brief Summary of Events/ Sessions

On August 23, 2025, the Department of Physics and Electronics hosted a poster presentation competition to celebrate National Space Day. The event, which began at 11:00 AM, featured the theme "Aryabhata to Gaganyaan: The Role of Laser Technology."

The competition was inaugurated by Principal Dr Mahadev Gavhane, Vice Principal Prof. S. N. Shinde, and Supervisor Prof. Jayraj Gangne. Dr. Gavhane spoke on the significance of the theme, emphasizing that it highlights how space exploration uses advanced technology like lasers to not only discover new frontiers but also to address global challenges and protect our planet.

The competition was evaluated by examiners Miss Pranjali Kumbhar and Miss Akanksha Mitkari. The event also saw the attendance of several other dignitaries, including OSD and HoD Dr. A.A. Yadav and Director of the Physics Students Association Dr. D.V. Raje. The success of the competition was made possible by the presence and support of faculty members Ms. Mayuri Hawaldar, Mr. Atul More, Ms. Vishakha Patil, Ms. Harshada Nalage, and Mr. Harshad Dalave, students, and non-teaching staff.

The winners of the poster presentation competition were

Name	Title	Rank
Kalam Charushila R	Lasers in Gaganbharari	I
Burbure Rushikesh S	Aryabhatta to Gaganyaan	II
Khape Vaishnavi S	The Role of Laser in Space	III

vi. Conclusion, with Feedback

The poster presentation competition was a resounding success, effectively achieving its goal of fostering creative expression and deeper learning among students. The event not that only facilitated teamwork but also enhanced participants' understanding of the pivotal role of laser technology in space exploration. The hands-on experience of creating the posters proved to be an invaluable learning tool, reinforcing theoretical knowledge through practical application. Additionally, the event served as an excellent educational opportunity for all students who attended, exposing them to the fascinating topic of laser technology in space. The top posters were recognized and awarded prizes for their outstanding efforts.

vii. Any Appendix If Necessary

List of participants.

Date: 29/08/2025


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




Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

C) Photographs:



Principal Dr Mahadev Gavhane inaugurating the Poster Presentation Competition.



Students and Guests during Poster Presentation Competition




Students interacting Guest during Poster Presentation Competition



Examiners evaluating the during posters Poster Presentation Competition

E) Notice to the students:




Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
 (Autonomous)
 Department of Physics and Electronics
 Notice: Poster Presentation Competition

Date: 19-08-2025


This is to inform all B.Sc. I, II, III and M.Sc. I, II students that the department is organizing a Poster Presentation Competition to celebrate National Space Day (NSpD-2025).

Interested students should register their names with **Shri. A. H. Bhoiwad** in the department.

Theme: **"Aryabhata to Gaganyaan": The Role of Laser Technology**
 Date: **Saturday, August 23, 2025**
 Time: **11:00 AM to 12:30 PM**
 Venue: **Department**



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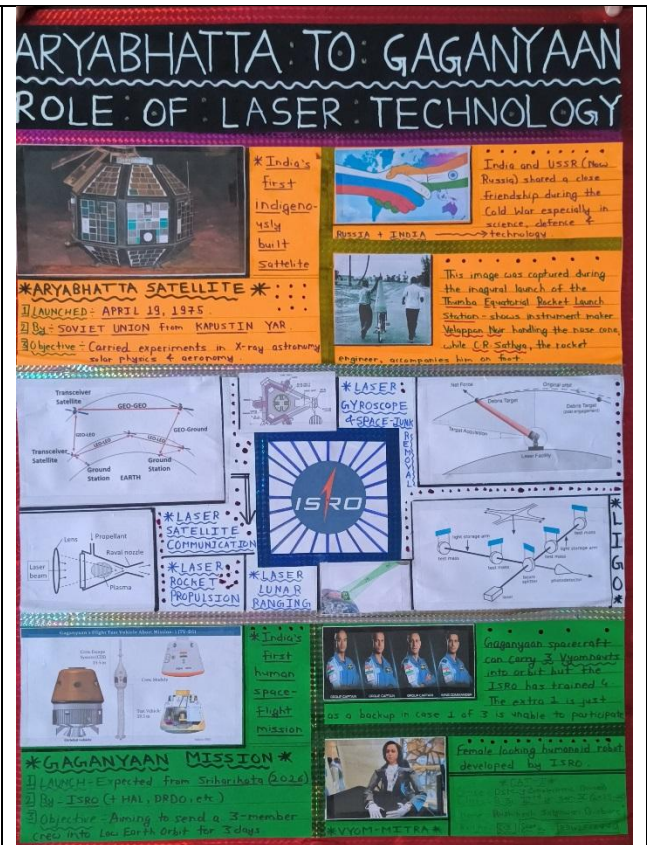


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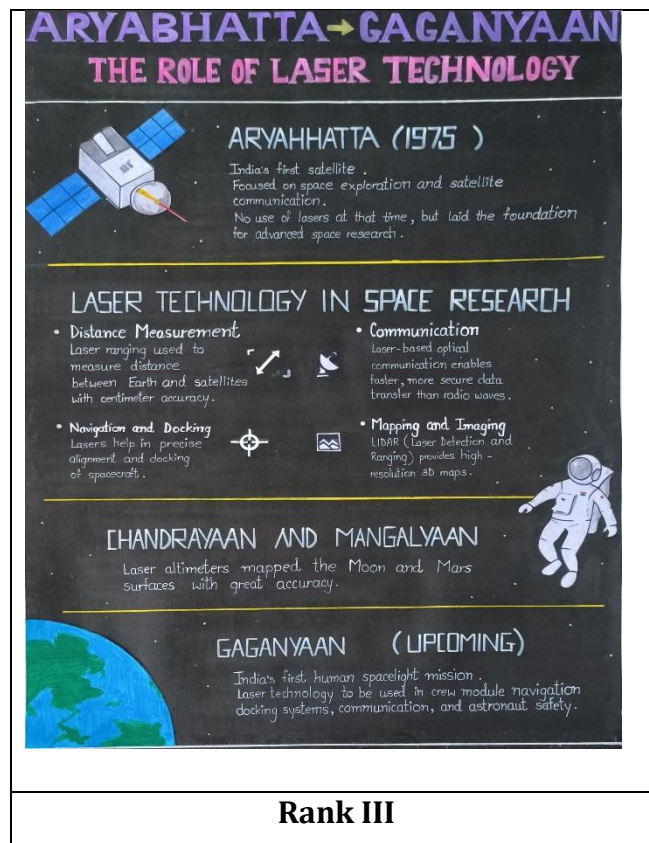
D) Rank Wise Posters:



Rank I



Rank II



Rank III

F) News clipping:

लातूर पुरोगामी विचारधारे NEXT

लातूर, मंगळवार, दिनांक २६ ऑगस्ट २०२५



फास्ट न्यूज



संशोधनाला चालना देणारी मितीपत्रक स्पर्धा

लातूर : येथील राजर्षी शाहू महाविद्यालयातील भौतिकशास्त्र विभागातर्फे राष्ट्रीय अंतराळ दिवस निमित्त 'आर्यभट्ट ते गगनयाण: लेझर तंत्रज्ञानाची भूमिका' या विषयावर विद्यार्थ्यांसाठी पोस्टर सादरीकरण स्पर्धा दि. २३ ऑगस्ट रोजी आयोजित करण्यात आली होती. यामध्ये जवळपास ५० विद्यार्थ्यांनी अतिशय उत्कृष्टपणे सादरीकरण केले. परीक्षक म्हणून प्रा. प्रजली कुभार आणि प्रा. आकांक्षा मिटकरी यांनी मोलाचे सहकार्य केले. स्पर्धेकामधून प्रथम, द्वितीय व तृतीय येणाऱ्या विद्यार्थ्यांना आकर्षक बक्षिसे देण्यात येणार आहेत. उद्घाटन प्राचार्य डॉ. महादेव गव्हाणे यांच्या हस्ते करण्यात आले. याप्रसंगी उपप्राचार्य प्रा. सदाशिव शिंदे, पर्यवेक्षक प्रा. जयराम गंगणे, विभागप्रमुख डॉ. अभिजित यादव, सर्व प्राध्यापक, विद्यार्थी व शिक्षकेतर कर्मचारी उपस्थित होते. या कार्यक्रमाचे आयोजन प्रा. मयुरी हवालदार यांनी केले.

Poster Presentation Competition (R.S.M. Lehr. C Autonomous)

ON National Space Day

Date: - 23/08/2025


Sr.	Name of the student	Class	Roll No.	Name of poster	Sign	Remarks
1.	Charushila Ravindra Kalam	M.Sc. I	007	LASERS in GAGANBHARARI	<u>Charushila</u>	
2.	Ustavee Pegchi Sudhie	B.Sc. II	59.	Automation in Laser Cutting	<u>Pegchi</u>	
3.	Sayyed Misbah Taher	B.Sc. II	58	Excimer Laser	<u>Misbah</u>	
4.	Kapse Prajyeta R	BSC - III	65	Aryabhata to Gaganyaan	<u>Prajyeta</u>	
5.	Burbure Rushikesh S	BSC - III	63	Aryabhata to Gaganyaan	<u>Burbure</u>	
6.	Birle Aditi Ankush	BSC-II	53	CO ₂ laser	<u>Aditi</u>	
7.	Dalve Sachin Vishwanath	Bsc II	54	Argon Laser	<u>Sachin</u>	
8.	Dhanve Sakshi Vijayanath	BSc II	55	Ruby laser	<u>Sakshi</u>	
9.	Kadam Ajay Balaji	Bsc II	56	laser in common use	<u>A. Kadam</u>	
10.	Jandge Mahesh Pandhari	Bsc II	57	Laser	<u>Mahesh</u>	
11.	Maheshwari P. Beste.	Bsc II	52	Helium-Neon Laser	<u>Mahesh</u>	
12.	Usturge Akanksha Rajeshwar	MSc II	06	Aryabhata to Gaganyaan - role of laser	<u>Akanksha</u>	
13.	Khape Vaishnavi	MSc II	02	Aryabhata to Gaganyaan - laser	<u>Vaishnavi</u>	
14.	Patham Muskan Nawaj Khan	BSC III	214	Application of Lasers in medicine	<u>Muskan</u>	
15.	Bandgaon Gayatri Ganpat	BSC III	25	Laser - lighting the future	<u>Gayatri</u>	
16.	Jogi Nikita Dhamru	BSC III	29	Laser light	<u>Nikita</u>	
17.	Zurjare Ankita Subhash	BSC III	35	Laser light (Ruby)	<u>Ankita</u>	
18.	Pitale Anjali Nagrath	Bsc III	31	Ruby Laser	<u>Anjali</u>	
19.	Baqwan Gulistan A.	Bsc. III	37	Laser in medicine - treating eye	<u>Gulistan</u>	
20.	Patel Shumeza Samir	BSC - III	47	Ruby Laser	<u>Shumeza</u>	
21.	Chavale Nisha Naranath	BSC III	26	Aryabhata to Gaganyaan	<u>Nishu</u>	
22.	Shendge Nivedita Manoj	BSC III	209	Application of laser in defense	<u>Nivedita</u>	
23.	Swami Anjali Sadanand	BSC III	39	Laser Diode	<u>Anjali</u>	
24.	Shendge Shrawani Dnyaneshwar	B.Sc (T.Y)	210	Laser light	<u>Shrawani</u>	
25.	Sondhake Samiksha Anand	BSC (T.Y)	68	LASER Technology in space journey	<u>Samiksha</u>	
26.	Momin Ayesha Rajak	BSc (5Y)	83	Aryabhata to Gaganyaan	<u>Ayesha</u>	

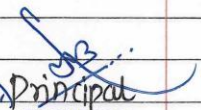
poster presentation (workshop)
on National Space Day

[R. S. M. later (Autonomous)]

date: 23/08/2025

Sr. No.	Name of the student	class	Roll No.	Title of the poster	Sign	Remark
27.	Mohini Khandu Mqli	B.Sc Ty	59	App ⁿ of Diode Laser	<u>Mohini</u>	
28.	Vaishnavi Girijanand Birajdar	B.Sc.T.Y.	53	App ⁿ of Laser in cosmetology	<u>Vaishnavi</u>	
29.	Rupali . R. Dhaigude	B.Sc T.Y.	55	App ⁿ of laser in shoe Tech.	<u>Rupali</u>	
30	Rathod Rupali P.	B.Sc.T.Y	32	Ruby Laser	<u>Rupali</u>	
31	Kamble Sarroja M.	B.Sc.T.Y	30	Laser	<u>Kamble</u>	
32	Shaikh Rajjak K.	B.Sc. Ty	208	Laser Light: Helping Doctors Heal	<u>Rajjak</u>	
33	Pratik Dasud . R.	B.Sc-TY	02	Application Laser	<u>Pratik</u>	
34	Patel Mizan	B.Sc. Ty	206	Security and law enforcement	<u>Mizan</u>	
35	Shaikh Juned	B.Sc Ty	207	Target detection Laser	<u>Juned</u>	
36	Sadhar Kousham	B.Sc Ty	28	Defense mechanism	<u>Sadhar</u>	
37	Modi Prajwal Basवेश्वर	M.Sc-Sy	03	Laser	<u>Prajwal</u>	
38	Aditya Hallale . R.	B.Sc-TY	211	Laser	<u>Aditya</u>	


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