



**Shiv Shikshan Sanstha's**  
**Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)**  
**Department of Biotechnology**

**A) Summary**

1) Title of Programme:		11 <sup>th</sup> National Student Poster Competition- Bio-Insight 2025 on the theme "Empowering Indian Youth for Global Leadership in Science & Innovation for VIKSIT BHARAT"		
2) Name of Organizing Department/Unit:		Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		<b>Chief Organizer:</b> Dr. Mahadev Gavhane (Principal) <b>Joint-Organizer:</b> . S. N. Shinde (Vice-Principal) <b>Convener:</b> Dr. Sachin Kulkarni <b>Organizing Secretary:</b> Miss. M. A. Dhotre & Mr. S. D. Kadam		
4) Date(s) of the Programme:		12.03.2025		
5) Venue/Mode		Department of Biotechnology		
6) Target Group:		UG and PG (Life Sciences)		
7) Number of Participants:		<b>Male</b>	<b>Female</b>	<b>Total</b>
A separate list with signatures be maintained in the department/Unit)	Teaching	00	00	00
	Non-Teaching	00	00	00
	Students	17	29	46
8) Name(s) and details of Resource Person(s), if any:		<b>Dr. Ashish Gulve</b> (Prof. Sub-Center SRTMUN) <b>Dr. D.P. Chavan</b> (Head Department of Botany, Gunjoti) <b>Ms. Shital Patil</b> (Asst. Professor DSC Latur) <b>Mr. Maroti Sudewad</b> (Asst. Professor RSML)		
9) Total Expenditure for the Programme:		14000		
10) Source of Funding:		Competition fee, College and Sponsors		

## **B) Report**

### **I. Title**

11<sup>th</sup> National Student Poster Competition- BioInsight 2025 on the theme “Empowering Indian Youth for Global Leadership in Science & Innovation for VIKSIT BHARAT”

### **II. Introduction**

The 11th National Student Poster Competition - BioInsight 2025 is centered around the theme “Empowering Indian Youth for Global Leadership in Science & Innovation for VIKSIT BHARAT.” This theme highlights the pivotal role of India's youth in shaping the future of global science and innovation. By nurturing the potential of young minds, India aims to become a hub of cutting-edge research and technological advancements. The competition seeks to inspire students to envision how they can contribute to a prosperous, self-reliant, and scientifically advanced India, aligned with the vision of Viksit Bharat (Developed India). Through innovation, leadership, and collaboration, the youth are encouraged to be the torchbearers of this transformative journey.

### **III. Objectives of the Program**

- To provide a platform for students to showcase their creativity and innovative ideas aligned with the theme of empowering Indian youth for global leadership in science and innovation.
- To help students develop essential skills in effective communication, enabling them to disseminate their research and ideas for advancing scientific progress and innovation in India.
- To offer students an opportunity to gain recognition and appreciation for their contributions, fostering motivation and encouraging their active participation in shaping a developed and self-reliant India.

### **IV. Details of Participants**

46 Students (Male 17 and Female 29)

## V. Brief Summary of Events/ Session

The 11th National Student Poster Competition - BioInsight 2025, held on the occasion of National Science Day, was a grand success. The event was centered around the theme “Empowering Indian Youth for Global Leadership in Science & Innovation for VIKSIT BHARAT,” and saw active participation from students across various institutes, who showcased their creative ideas through innovative posters. The internal assessment panel, consisting of Mr. U.P. Sirdeshmukh, Dr. M.A. Dhotre, and Dr. S.S. Kshirasagar, along with the external examiners, Dr. Ashish Gulve (Professor, Sub-Center, SRTMUN), Ms. Shital Patil (Assistant Professor, DSC Latur), Dr. D.P. Chavan (Head Department of Botany, Gunjoti) and Mr. Maroti Sudewad (Assistant Professor, RSML), evaluated the posters and selected the top three winners, with two consolidated prizes also being awarded. Dr. S.S. Kulkarni, the Convener of the event, spoke about the continuous success of the program, which has been held for the past 10 years. Dr. R.P. Chavan (Assistant Professor, College of Agriculture Biotechnology, Latur) graced the inaugural session as the Chief Guest, inspiring the students with his motivational words. Prof. S.N. Shide, Vice Principal, delivered the Presidential Address, emphasizing the importance of such initiatives for the growth of science and innovation. The Valedictory and Prize Distribution Ceremony was presided over by the Chief Guest, Dr. V.S. Shembekar, who concluded the event by congratulating all participants and encouraging them to keep innovating for a brighter future.

### Winners of the National Level Student Poster Competition

Sr. No.	Name of Participants (Winners)	Marks obtained out of 100	Remark
1	Ankita Shinde	83	First Prize
2	Shashti Waghmare	71	Second Prize
3	Dnyaneshwari Jadhav	65	Third Prize
4	Pratik Verma	63	Consolidated

## VI. Conclusion, with feedback on the Lecture

The event provided an excellent platform for students to showcase their scientific ingenuity while promoting effective communication of research, aligning with the vision of a developed and self-reliant India. It was highly appreciated by both participants and evaluators, with students demonstrating a remarkable understanding of the theme. The posters presented were not only well-researched but also filled with innovative ideas. The interaction between participants and experts further enriched the experience, offering valuable insights that will contribute to future growth and development in the field of science and innovation.

## VII. Any Appendix if Necessary

List of participants attached

Date: - 13.03.2025

  
**Convener/HoD  
Head**  
Department of Biotechnology  
Rajarshi Shahu Mahavidyalaya  
(Autonomous) Latur-413 531



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

### C) Geotagged Photograph/Screenshots



Dr. R.P. Chavan (Assistant Professor, College of Agriculture Biotechnology, Latur) Inaugurated Bioinsight-2025 Poster Competition.



Prof S.N.Shinde, Addressing the students during Bioinsight -2025



Dr. Ashish Gulve and Mr. Maroti Sudewad Evaluating the posters during the Poster Competition.



All the participants and Examiners during the Inaugural Session

## D) Brochure of the Program

Shiv Chhatrapati Shikshan Sanstha's  
**RAJARSHI SHAHU MAHAVIDYALAYA, LATUR (AUTONOMOUS)**  
Accredited A+ Grade with CGPA 3.49 (Cycle- IV), ISO: 9001-2015, UGC-CPE (Phase III), DST-FIST Status

DEPARTMENT OF BIOTECHNOLOGY



# 11<sup>th</sup> National Student Poster Competition-2025



## Theme

**"Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat"**

**PRIZE**  
The top 3 entries will be awarded with cash prize, trophy and certificate.  
First Prize-2100/-  
Second Prize-1500/-  
Third Prize-1000/-  
Posters of top 3 winners will be displayed on <https://www.shahu.collegelatur.org.in/>

Sponsored by  
  
**SCIENTIFIC SALES AND SERVICES**

**:Chief Organizer :**  
Dr. Mahadev Gayhane (Principal)

**:Joint-Organizer :**  
Prof. Sadashiv. Shinde (Vice-Principal)

**:Convener :**  
Dr. Sachin Kulkarni (Head, Dept. of Biotechnology)

**:Organizing Secretary:**  
Dr. Manisha Dhotre &  
Mr. Suraj Kadam

**:Organizing Committee:**  
All Faculty members,  
Department of Biotechnology

**For Further Information Please Contact**  
9890901339, 9893875570, 9970849425

**Registration Link**  
<https://forms.gle/DNFyNHnKSQAGhT29>

**Posters** have long served as a universal platform for communication, inspiring, promoting, celebrating, and stimulating research and innovation. In this spirit, we invite students from various science disciplines—Botany, Microbiology, Zoology, Chemistry, Biotechnology, Pharmacy, Food Technology, Information Technology and Agriculture—to participate in the 11<sup>th</sup> National Student Poster Competition 2025. This competition offers an exceptional opportunity for both graduate and postgraduate students to showcase their innovative ideas and gain recognition in the field of scientific research.

The theme for this year's competition is "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat". This theme encompasses ground-breaking advancements at the intersection of Biotechnology, Artificial Intelligence, and sustainability. We encourage participants to explore and present their ideas through the following subthemes:

1. Advancing Space and Aerospace Technologies
2. Sustainable Energy and Environmental Solutions
3. Healthcare Innovations and Biotechnology
4. Artificial Intelligence and Digital Transformation
5. Agricultural Science and Food Security
6. Indigenous Knowledge and Scientific Heritage
7. Entrepreneurship and Startups in Science & Technology

We invite all students to bring their posters and join us for this exciting event, where your contributions will help shape the future of science and technology!

**Rules for Making Poster**

- Each participant can submit **only one** poster.
- Online registration** is compulsory for each participant.
- Posters can be submitted in either **Digital or Handmade** formats.
- Name and class of the participant(s), College name must be clearly mentioned on the right-side bottom of the sheet.

**Selection Procedure:**

- All the posters will be **judged by examiners** on the basis of relevance of theme, originality, artistic composition & creativity on **12<sup>th</sup> March 2025**
- Confirm your entry on or before **05<sup>th</sup> March 2025**

**Registration Fee:**  
100 INR per Student (Including Tea and snacks)

**Payment Details :-** Bank Name: SBI BANK Branch: Chandra Nagar, Latur  
Account Number: 42546567704 IFSC Code: SBIN0020037



Shiv Chhatrapati Shiksha Sanstha's  
**Rajarshi Shahu Mahavidyala, Latur**  
**(Autonomous)**

**Department of Biotechnology**

**BIOINSIGHT 11<sup>th</sup> National Student Poster Competition 2025**

**Theme: "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat"**

Sr. No	Poster No	Name & Mobile Number	College Name	Poster Title	
1	1	Omkar malkude. 9923581742	RSML BT.	Cultivated meat technology	} onl
2	1	Tulsidas Gadekar	RSML BT	cultivated meat technology.	
3	3	Byale Kanchan Audumbar 9552927711	Shri. Chhatrapati Shivaji College Ormerga	AI & Digital Transformation.	
4	4	Patil Sharon Sanjay 7483174278	Shri Chhatrapati Shivaji college ormerga	TDS' METER'S	onlin
5	16	<del>Vaishnavi Rameshwar. Dhandge</del> DHANDGE Vaishnavi Rameshwar. Dhandge 9373257159	V.D.C.O.A.B, Latur.	Mass Production and Molecular Characterization of Microbial Consortium involved in VNMRV-Produced Biomix formulation.	
6	5	Nikita Nagnath More 7822878499	RSML-	Application of Acetobacter Diazotrophicus use as Biofertilizer to Improve the qualitative and quantitative characteristics of sugar cane crop	

Sr. No	Poster No	Name & Mobile Number	College Name	Poster Title
7	7	Zingre Pratiksha Harman 9307552912	RSML	CRISPR Cas9 - gene editing.
8	7	Zingre Padmashri Laxman 8261080050	RSML	CRISPR Cas9 - gene editing.
9	8	Yedale Vaishnavi Tukaram 7796909691	Latur college of pharmacy Hasegaon	Microphysiological System
10	40	Jagtap Akanksha Dattaraj	RSML	3D Bioprinting of Human Tissue
11	40	Jadhav Vishal Santosh	RSML	— 11 —
12	11	Dhappadhule Sakshi Khemdu 9579073930	RSML	Green methane energy mobility project
13	11	Kalekar Manish Vedbhushan 8530245692	RSML	Green methane energy mobility project
14	12	Dr Yogesh Shivaji Bhagat 9900591961	V.D.C.O.A.B, Latur.	

Sr. No	Poster No	Name & Mobile Number	College Name	Poster Title
15	13	Shravani V. Deshmukh 7620939209	RSML (BT)	Exploring the diversity of soil microbiome.
16	15	Ankita Suresh Shinde 7821845462	RSML (BT)	Plastic with purpose: Biodegradable revolution.
17	14	Jomge Shailesh Balaji 8149191897	RSML	Aahatam
18	14	Hudge Gayatri Omprakash 9209621983	RSML	Aahatam
19	26	Bhagyashree Kumbhar 9322996695	RSML	Bioplastic
20	26	Armuta Patil 8626006990	RSML	Bioplastic
21	17	Pawar Padmaja 8767191872	Maharashtra College of Nursing, Latur (JSPM)	Global India artificial technology.
22	30	Mashalkar Ganesh 8766615431	RSML BT	X-ray set:-

Sr. No	Poster No	Name & Mobile Number	College Name	Poster Title
23	35	Dnyaneshwari. Jadhav Pooja R. Gadead 9209274726	RSML (Biotechnology)	Formulation of starch based Antimicrobial coating for fruits & vegetables.
24	35	Pooja. R. Gadead 9021860352	RSML (BT)	Formulation of starch based Antimicrobial coating for fruits & vegetables.
25	28	Narresh. D. Pandit 7387778427	RSML (IT)	Vegetable Waste to wealth management APP.
26	28	Nikita. T. More 8261015593	RSML (IT)	Vegetable waste to wealth management APP.
27	38	Vaibhavi. S. More 9373215675	RSML (IT)	Hacking of the Human Brain
28	38	Akshata. G. Gadekar	RSML (IT)	Hacking of the Human Brain
29	19	Supkar pratiksha Balaji 7385369660	DSCL (BT)	Green Beauty : A Formulation of Natural lipstick.
30	10	Pawar Monika Rajabhan	RSML (IT)	Excess food management system.

Sr. No	Poster No	Name & Mobile Number	College Name	Poster Title
31	18	<del>Faredeen Patel</del> Pratik Kishor Varma 9011592792	RSML	Karmkar
32	18	Faredeen Patel	RSML	Karmkar
33	36	Suhas Hanumanth Mhetre 8080049123	RSML BT.	CHEM-PORT FAST & HUSTLE Free chemical collection
34	36	Sakshi Sawant	RSML BT.	CHEM-PORT fast & hustle free chemical collection
35	20	Shruti Dattatray Waghmare 9309280072	RSML BT	cactus leather : A sustainable alternative
36	22	Takbhate Rutuja.v. 8317254790	RSML	SHIVKALIN NAGARI: "Tourism in India's Golden Era"
37	25	Kulkarni Sanket A 9923255748	RSML BT	Hydrogen fuel generation.
38	25	Ingle Deep D. 7875780060	RSML BT	Hydrogen fuel generation.

Sr. No	Poster No	Name & Mobile Number	College Name	Poster Title
39	27	Shubhangi Pralhad Pale 8263930106	RSML (BT)	Mushrooms Tech : The future of eco-friendly innovation.
40	27	Gayatri Tukaram Deshmukh	RSML (BT)	Mushrooms Tech : The future of eco-friendly innovation.
41	29	Tekale Tanuja Dharmraj 9209417576	RSML (BT)	The future of Medicine : How biotechnology changing Healthcare.
42	24	Rawt Nirjala Jaipal 9404125205	RSML (BT)	Sustainable energy and Environmental solution.
43	34	Jana Yogesh Patkar 8446349401	RSML (BT)	Smart farming.
44	32	Shaikh Mohammad Junaid Sardar Pasha 8446151783	RSML (BT)	Revolutionizing Drug Discovery : The Role of AI in Identifying Novel Therapeutic Targets
45	32	Shaikh Aman Balan	RSML (BT)	Drug discovery by using of AI.
46	31	Aditya Sunil Patil 8329880734	RSML (BT)	Algae Air Purifier

  
**Head**  
 Department of Biotechnology  
 Rajarshi Shahu Mahavidyalaya  
 (Autonomous) Latur-413 531



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