



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

Department of Biotechnology

Highlights of Students Achievements and Outcomes (2024-25)

Sr. No.	Activity / Event	No. of Participants	Awards & Achievements	Outcomes of the Program
Awards and Achievements				
1.	Avishkar (District Level) Research Festival	10	II – 2, III – 2	Enhanced research aptitude, critical thinking, scientific communication, and interdisciplinary collaboration. Strengthened analytical skills and gained experience in competitive scientific presentations.
2.	Avishkar (University Level)	04	I – 1, II – 1, III – 1	Fostered research excellence and university-level exposure.
3.	Avishkar (State Level)	03	Qualified for Second Round	Exposure to state-level competition and scientific networking.
4.	Anveshan (University Level) Research Festival	06	I – 1	Developed interdisciplinary research and innovation skills.
5.	Anveshan (Zonal Level)	01	–	Gained experience in zonal-level research presentation.
6.	Yuva Mahotsav (District Level)	08	I – 2, II – 1	Enhanced cultural expression, teamwork, and leadership.

7.	Yuva Mahotsav (University Level)	02	I – 1	Improved performance skills and confidence.
8.	Yuva Mahotsav (State Level)	02	–	Represented at higher level; expanded peer network.
9.	Youth Festival	08	I – 1	Promoted creativity, cultural engagement, and self-expression.
10.	Best From Waste program for Students Youth organized by Green Club, R. S. M. L.	1 (Ms. Dnyaneshwari Jadhav)	II-1	Improved understanding of waste management, recycling, and environmental sustainability.
11.	23rd National Microbio Olympiad	30	Top 3 selected for next level	Strengthened problem-solving and analytical skills in microbiology.
12.	Gold Medal Achievers	02	Gold Medal Winners	Recognition for outstanding academic and research excellence.
13.	University Level CRISPR 2025 Poster Competition	07	I – 1 III-1	Improved scientific communication and critical analysis of gene-editing technologies.
14.	CRISPR National Quiz Competition	07	I – 1 II-1	Deepened conceptual understanding of CRISPR technology.
15.	Food Festival on the Occasion of World Food Day.	36	I-6 II-5	Strengthened understanding of food hygiene, presentation, and cultural food traditions.
16.	Techno Fest	01	I – 1	Gained insight into technological innovations and analytical problem-solving.

17.	Best Department Award (College Day)	–	I	Recognition for academic excellence and extracurricular contributions.
18.	Annual Gathering	45	I – 7, II – 3, III – 3	Developed teamwork, organizational ability, and cultural involvement.
19.	Student Publications	02	–	Contributed to scientific literature; improved research proficiency.
20.	4TH Roller Basketball National Championship-2024-25.	01(Mr. Aditya Kuber)	Gold Medal	Enhanced fitness, teamwork, and discipline through sports.
21.	Scientific Article Writing Competition organized by Dayanand Science College, Latur.	1 (Ms. Sakshi Sawant)	I-1	Strengthened critical thinking and analytical skills in scientific communication.
22.	Reliance Foundation Scholarship 2024-25	01 (Mr. Fardeen Shaikh)	Fellowship of ₹6,00,000	Recognition of academic merit; financial support for higher education.
23.	INSA Summer Research Fellowship 2024-25	01 (Mr. Omkar Malkude)	Selected for Summer Research at BHU, Varanasi	Exposure to national-level research and academic networking.
24.	National Level Examinations (IIT-JAM, TIFR, GATE 2025)	03 (Miss Ruchita Bolegave, Miss Nisha Kaushik, Mr. Sanket Bansode)	- Ruchita Bolegave: Qualified IIT-JAM (AIR 305), TIFR, and GATE 2025 - Nisha Kaushik: Qualified GATE 2025 - Sanket Bansode: Qualified GATE 2025	Demonstrated high academic potential and readiness for research careers.

25.	National Level Quiz (Shivaji University, Kolhapur)	03 (Mr. Sopan Khot, Mr. Omkar Malkude, Miss Nisha Kaushik)	First Prize	Strengthened subject knowledge; achieved national recognition.
26.	National Level Project Competition (MGM, Nanded)	02 (Miss Shruti Waghmare, Mr. Neeraj More)	First Prize	Encouraged innovation, project design, and presentation skills.
27.	Video-Making Competition (Rashtriya Kushtarog Nirmoolan Samiti, RSM, Latur)	4 (Madhav Mhetre, Suhas Mhetre, Ms. Samrudhi Bhise, Miss Sakshi Sawant)	First Prize (Miss Sakshi Sawant), Third Prize	Developed creativity and social awareness through digital storytelling.
28.	Annual Gathering Competitions (RSM, Latur)	Multiple (B.Sc. & M.Sc. Students)	First Prize: Drawing, Rangoli, Collage, Clay Art, Fun Fair, Mime, College Day, Group Dance Second Prize: Rangoli, Collage, Chess Third Prize: Individual Dance	Promoted cultural participation, creativity, and holistic student development.
29.	Poster Presentation (National Conference on Recent Advances in Life Sciences for Sustainable Agriculture, Gangakhed)	01 (Ms. Tanaya Naikwadi)	I Prize	Strengthened research presentation and communication skills.
30.	11th National Student Poster Competition (BioInsight)	25	I – 1, II – 1, III – 1	Demonstrated ability to communicate biological research effectively through posters.

31.	National Level Students Competition on Innovative Ideas under PM-USHA Organised by Yashwant Mahavidyalaya, Nanded.	2	Consolation Prize (Ms. Ankita Suresh Shinde)	Encouraged competitive spirit, confidence, and participation in national-level academic platforms.
Courses Completed				
32.	Seven Days International Online Certificate Course on SPECTROSCOPY- An Overview (Phase I) Organised by Sacret Heart College (Autonomous), Tirupattur, Tamil Nadu, India. In association with Biotechnology society of Nepal and Western Rio Janerio State University, Brazil.	1 (Mr. Omkar Malkude)	-	Strengthened knowledge through exposure to international experts and global perspectives.
33.	Online Certificate Course on IIT JAM Biotechnology DPP Course	1 (Mr. Siddhant Karbhari)		Improved ability to conceptualize and present feasible scientific and social solutions.
34.	Online Certificate Course on CSIR NET Life Sciences DPP Course.	1 (Mr. Siddhant Karbhari)		Increased confidence and readiness to appear for the CSIR NET Life Sciences examination.
35.	Certificate Course in Antimicrobial Resistance in the Env. : Key Concepts and Intervention organised by WHO	1 (Mr. Siddhant Karbhari)		Improved understanding of environmental factors contributing to antimicrobial resistance.
36.	Certificate Course in Mpox:	1 (Mr. Siddhant Karbhari)		Enhanced knowledge of outbreak

	Introductory course for African outbreak contexts organised by WHO			investigation and public health response strategies.
37.	Certificate Course in NGS for Influenza and SARS-Cov-2: from Collection to Analysis organised by WHO.	1 (Mr. Siddhant Karbhari)		Increased readiness to apply NGS-based approaches in public health and laboratory settings.
38.	Certificate Course in HP LIFE online course AI for Beginners.	1 (Mr. Siddhant Karbhari)		Increased confidence in applying beginner-level AI skills in academic and professional tasks.
39.	Certificate Course in HP LIFE online course Agile Project Management.	1 (Mr. Siddhant Karbhari)		Enhanced readiness to apply agile practices in academic, organizational, and entrepreneurial projects.
40.	Certificate Course in HP LIFE online course Social Entrepreneurship	1 (Mr. Siddhant Karbhari)		Encouraged innovative thinking and commitment to creating positive social change.
41.	Completed 10 hr. Course on Microbes – friend or foe? Organized by Open university.	3		Enhanced awareness of microbial interactions, disease mechanisms, and applications in biotechnology.
42.	Mass Spectrometry Job Simulation Over the period of June 2024 Organized by Forage Inspiring and empowering future professionals	2 (Ms. Vaishnavi Bhujbal, Ms. Priyanka Shelke)	-	Increased readiness for professional roles involving mass spectrometry and biochemical analysis.
43.	430 hrs certificate of skill Competency on Optical Fiber	1 (Shaikh Fitain Murtuza)	80.73%	Improved understanding of fiber optics principles, network

	Technician organized by Telecom Sector Skill Council, Recognised by NCVET.			troubleshooting, and industry safety standards.
44.	NPTEL+ Course Workshop on Exploring Cell Membranes and Proteins: from Bread Models to SDS-PAGE. Conducted by Dr. Beena DB, Azim Premji University, Bengaluru.	3	-	Enhanced practical skills in protein extraction and SDS-PAGE technique.
Advanced Learner Participation				
45.	Summer Training 2025 – FCC, IIT Hyderabad (in association with Remarkskill Education)	1 (Ms. Snehal Sanjay Narwane)	–	Acquired exposure to advanced research methodologies, instrumentation, and technology-based problem-solving approaches.
46.	Employability training in healthcare Services under Smile Twin e-learning Programme.	1 (Mr. Manish Kalekar)	A+ Grade	Strengthened patient interaction, teamwork, and healthcare communication.
47.	Hands-on Training at RUSA Center, Shivaji University, Kolhapur (Natural Products & Alternative Medicines)	11	–	Practical exposure to natural product extraction and medicinal applications.
48.	Hands-on Training in Molecular Biology	01	–	Practical experience in molecular biology techniques.
49.	Hands-on Training Programme (Vyankatesh Mahajan Varishta	14	–	Reinforced conceptual understanding through experimental practice.

	Mahavidyalaya, Dharashiv)			
50.	Hands-on Training on HPLC	11	–	Acquired practical experience in chromatographic analysis and data interpretation.
51.	NPTEL Lab Certification on Basic Immunology Experiment (Hands on Workshop)	1 (Mr. Ganesh Mashalkar)	-	Gained practical experience in performing basic immunology experiments and handling essential lab equipment.
52.	Workshop on AI in Biology	19	–	Gained insights into AI applications in biological sciences.
53.	India Science Festival	45	–	Exposure to cutting-edge research and innovation trends.
54.	NPTEL Workshop at ISAR	01	–	Acquired knowledge in specialized NPTEL-certified domains.
55.	Mimamsa 2025 (ISAR, Pune)	12	–	Exposure to national-level analytical reasoning and scientific quiz competition.
56.	Workshop on Soft Skills & Personality Development (Azad Mahavidyalaya, Ausa)	20	–	Enhanced communication, presentation, and interpersonal skills.
57.	Poster Presentation (International Conference at Dayanand Science College, Latur)	02 (Mr. Sachin Mane and Mr. Parth Kulkarni)	–	Improved ability to convey research through visual scientific communication.
58.	Participation in International Conference on “Biomake in India-II”	01 (Mr. Manish Kalekar)	–	Gained exposure to current biotechnology research and discussions.
59.	Online Talk Session on Environmental	2	-	Improved understanding of microbial roles in

	Microbiology organized by Microbiologists Society, India			environmental processes and sustainability.
60.	International Online Talk Session on Immunology-Awareness on Human Metapneumovirus (HMPV) organised by St. Xavier college Ranchi.	1 (Mr. Omkar Malkude)		Enhanced awareness of current diagnostic and immunological approaches for HMPV.
61.	International Webinar on Agricultural Biotechnology organized by Microbiologists Society, India	4	-	Enhanced understanding of modern biotechnological applications in agriculture and their role in sustainable crop improvement.
62.	Workshop on Hands-on Training in Pharmaceutical Techniques	17	-	Learned practical aspects of drug formulation and quality assessment.
63.	National Quiz Competition on the Occasion of National Science Day-25. organized by R. S. M. L.	3	-	Strengthened laboratory skills, accuracy, and confidence in handling immunology experiments.
64.	International Webinar on Recent Biotechnological Advancements In Agroforestry organized by Microbiologists Society, India	1 (Mr. Madhav Mhetre)	-	Encouraged interest in integrating biotechnology for sustainable land-use and environmental management.
65.	"5th NCCS Students' Symposium 2024" organized by National Centre for	1 (Vaishnavi Bhujbal)	-	Improved exposure to cutting-edge laboratory techniques and scientific innovations.

	Cell Science, Pune,			
66.	Workshop on Crafting your Science Career organized by India Biosciences at the India Science Festival 2025, Fergusson College Pune.	1 (Mr. Fitain Shaikh)	-	Strengthened understanding of strategies for building a successful and impactful science career.
67.	Poster Making competition in World Water Day Program 2025, organised by ST. Xavier's College, Ranchi.	1 (Mr. Sanket Kulkarni)	-	Encouraged active participation in awareness initiatives related to water protection and conservation.
68.	International Webinar on World Forest Day organized by ST. Xavier's College, Ranchi.	1 (Mr. Sanket Kulkarni)	-	Encouraged environmental responsibility and active participation in forest conservation efforts.
69.	International Conference on Environmental Microbiology organized by ST. Xavier's College, Ranchi.	3	-	Enhanced understanding of microbial roles in environmental processes and sustainability.
70.	One day national Symposium on "Analytical Methods for Biological Products" organised by Dept. of Microbiology, R. S. M. L.	12	-	Strengthened awareness of quality control and regulatory aspects in biological research.
71.	One Day Science Hackathon activity on Entreprethon-2025 organized by Innovation, Incubation and Linkages, S. R. T. M. U. Nanded.	2	-	Encouraged creativity and engagement in research-based innovation activities.

72.	Workshop on Animal Cell Culture organised by IBS Academy in Collaboration with Cellulaedutech Pvt. Ltd. Chh. Sambhajinagar.	1 (Mr. Ganesh Mashalkar)	-	Acquired understanding of in-vitro culture techniques.
73.	Abhiprajna: Accio Curiosity 2025 Prelims organized by IISER.	2 (Mr. Ganesh Mashalkar and Suhas Mhetre)	-	Encouraged curiosity, learning, and active participation in science-based competitions.
74.	3 Days national workshop on Advance Technique in Molecular Biology organised by Dayanand Science College Latur.	1 (Mr. Ganesh Mashalkar)	-	Improved understanding of experimental design and data analysis in molecular research.
75.	Manasrang-III Program organised by Maharashtra State Faculty Dev. Academy. in Collaboration with Parivartan Trust.	3	-	Strengthened ability to manage educational and institutional responsibilities efficiently.
76.	3 days Workshop on Techniques for extraction and Quantification of plant metabolites. Organized by Shivaji University Kolhapur.	11	-	Encouraged hands-on learning and familiarity with laboratory best practices.
77.	Two Days National Level Workshop on Qualitative and Quantitative Research organized by IISR, Mumbai.	1 (Ms. Vaishnavi Naiknaware)	-	Encouraged application of research techniques in real-world and academic contexts
78.	Interstate Youth exchange	1 (Ms. Samiksha	-	Improved interpersonal,

	Programme organized by Nehru Yuva Kendra, East Delhi, Ministry of Youth Affairs and sports, Govt. of India.	Rupesh Gaikwad)		communication, and leadership skills among participants.
79.	Online Workshop on Entrepreneurship in Biotechnology organised by Biosrishti, Online Life Science Solutions.	1 (Ms. Sakshi Sawant)	-	Strengthened ability to identify and evaluate biotechnological solutions for market needs.
80.	5 th national students Symposium 2024 organized by NCCS Pune	2 (Ms. Priyanka Shelke and Ms. Vaishnavi Bhujbal)		Enhanced understanding of cutting-edge research in cell and molecular biology.
81.	Online awareness quiz on World Cancer Day 2025	1 (Mr. Keshav Naikwade)		Strengthened critical thinking and retention of scientific information related to oncology.
82.	National Awareness Champaign for Farmers cum Poster Presentation organised by Mathura Narkatiaganj, Bihar, India.	1 (Mr. Omkar Malkude)		Strengthened understanding of challenges and solutions in the agricultural sector.