



**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Biotechnology
and
Department of Chemistry and Analytical Chemistry
A) Summary**

1) Title of Programme:		Hands- on Training on “High -End Sophisticated Equipment”		
2) Name of Organizing Department/Unit:		Department of Biotechnology and Department of Chemistry and Analytical Chemistry.		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Principal & Chairperson: Dr. M. H. Gavhane Vice- Principal: Prof. S. N. Shinde OSD & IQAC Coordinator: Dr. Abhijit Yadav HoD & Coordinator: Dr. Dhananjay Palke HoD & Organizing Secretary: Dr. S.S. Kulkarni Convener: Dr. Kalimoddin Momin Co- Convener: Dr. Manisha Dhotre DST-FIST Coordinator: Dr. Kundan Tayde DST-FIST CO-Coordinator: Mr. Maroti Sudewad		
4) Date(s) of the Programme:		25 th February 2025		
5) Venue/ Mode:		Central Instrumentation Center, RSM Latur.		
6) Target Group:		Women Scientist and PG II Girl Students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	00	04	04
	Non-Teaching	00	00	00
	Students	00	35	35
		Total	39	39
8) Name(s) and details of Resource Person(s), if any:		Mr. Prashant Mundkar Sr. Executive QC Department, M. J. Pharma Pvt. Limited, Pune.		
9) Total Expenditure for the Programme:		12,500		
10) Source of Funding:		Program fees and college		

B) Report

i. Title

Hands- on Training on “High -End Sophisticated Equipment”

ii. Introduction

The Department of Biotechnology and Department of Chemistry and Analytical Chemistry. organized Hands- on Training on “High -End Sophisticated Equipment” aims to provide participants with practical experience and a comprehensive understanding of advanced laboratory instruments that are crucial in various scientific fields. The training covers key equipment such as High-Performance Liquid Chromatography (HPLC), Rotary Evaporator, Fluorescence Microscopy, Spectroscopy etc. This training aims to enhance the participants' skills in operating these advanced tools, troubleshooting, and analyzing data to apply these techniques effectively in both research and industry settings. The goal is to empower professionals, researchers, and students with the practical knowledge necessary to utilize these sophisticated instruments in their work, improving their technical expertise and scientific capabilities. The Hands-on training was held on 25th February 2025.

iii. Objectives of the Programme:

- To equip participants with the hands-on experience necessary to effectively operate and manage advanced laboratory Equipments.
- To provide participants with the skills needed to interpret, analyze, and validate data generated by these instruments, ensuring accurate and reliable results.
- To offer insights into the practical applications of these sophisticated instruments in diverse fields such as pharmaceuticals, environmental analysis, medical research, and materials science.
- To empower participants with the technical knowledge to contribute to innovative research and development projects through the effective use of advanced analytical techniques.

iv. Details of Participants

39 Participants (00 Male and 39 female) attended the guest lecture.

v. Brief Summary of Events/ Sessions

The Department of Biotechnology and Chemistry, and Analytical Chemistry organized a One-Day Hands-on Training on "High-End Sophisticated Equipment" on 25th February 2025 for postgraduate (PG) students. The training session commenced with an introductory speech by Dr. M. H. Gavhane, Principal, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous). Following the inauguration, the hands-on training began with demonstrative sessions led by Mr. Prashant Mundkar, Senior Executive, QC Department, M. J. Pharma Pvt. Limited, Pune. Additionally, a session on fluorescence microscopy was conducted by Mr. U. P. Sirdeshmukh from the Department of Biotechnology, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous). During the training, resource persons, faculty members, and volunteers provided in-depth guidance on various sophisticated instruments, including the Rotary Evaporator, Fluorimeter, and Spectrophotometer. They also highlighted the significance of these instruments in PG research dissertations and scientific publications. The event concluded with a valedictory session, marking the successful completion of the training program.

vi. Conclusion with Feedback on the Programme

The One-Day Hands-on Training on High-End Sophisticated Equipment was a successful initiative, offering PG students practical exposure to advanced laboratory instruments. The demonstrative sessions, conducted by experienced resource persons and faculty members, provided in-depth insights into the various instrumentations. Participants gained a comprehensive understanding of these instruments, their applications, and their significance in PG research dissertations and scientific publications. The event concluded with an engaging valedictory session, reinforcing the importance of hands-on training in enhancing research skills and technical proficiency.

vii. Appendix: List of participants

Date: 26. 02. 2025.


26.02.25
HoD
Head
Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 531




Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya
(Autonomous)

C) Geotagged Photographs/ Screenshots:



Dr. M. H. Gavhane, Principal, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) delivering the introductory speech in Hands-on Training on “High-End Sophisticated Equipment” organized by Department of Biotechnology and Chemistry and Analytical Chemistry, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous).



Mr. Prashant Mundkar, Senior Executive, QC Department, M. J. Pharma Pvt. Limited, Pune delivering the Hands-on Training on “High-End Sophisticated Equipment”.



Participants taking part in practical instruction on "High-End Sophisticated Equipment" led by Mr. Prashant Mundkar, an expert resource.



Student participants in Hands-on Training on “High-End Sophisticated Equipment” conducted by expert resource persons Mr. Prashant Mundkar

D) Brochure of the Program



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



Department of Chemistry & Analytical Chemistry
And

Department of Biotechnology

Organized

Hands-on Training on

"High-End Sophisticated Equipment"

(Under DST-FIST 1817 Scheme)



Resource Person

Mr. Prashant Mundkar

Resource Person

Sr. Executive QC Department, M. J. Pharma Pvt Limited, Pune

Dr. Mahadev Gavhane
Principal & Chairperson

Prof. Sadashiv Shinde
Vice-Principal

Dr. Abhijit Yadav
OSD & IQAC Coordinator

Dr. Dhananjay Palke
HoD & Coordinator

Dr. Sachin Kulkarni
HoD & Organizing Secretary

Dr. Kalimoddin Momin
Convener

Dr. Manisha Dhotre
Co-convener

Dr. Kundan Tayade
DST-FIST Coordinator

Mr. Maroti Sudewad
DST-FIST Co-coordinator

All Faculty of Chemistry & Analytical Chemistry and Biotechnology

Registration Link: <https://forms.gle/jPLawDPh6Gg4jzeFA>



QR Code for Registration

Date & Time: 25th February 2025, 10.30 AM Onwards

Venue: Central Instrumentation Center, RSM, Latur

Stakeholders: Women Scientist & PG II Girl Students (Chemistry, Life Sciences & Pharmacy)

Contact No. 9423352110 (Momin Sir), 9503930113 (Tayade Sir)

*Fees: Academician & Research Scholar-500 /-, PG II Girl Students-300 /-

Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Biotechnology
and
Department of Chemistry and Analytical Chemistry
List of Participants

Sr. No.	Receipt No.	Name	Institution Name	Designation	Mobile No.	Amount	Signature
121	35	Pundkare Sanskriti S	Rajarshi Shahu College	Student	9822402831	300	
122	36	Pathan Aamir A	R.S.M.L	Student	984528065	300	
123	37	Shinde Pragati P	R.S.M.L	Student	8856823802	300	
124	38	Patel Sanjayrao S	R.S.M.L	Student	8016975571	300	
125	39	Balapakhe Vaishnavi P	R.S.M.L	Student	78418921	300	
126	40	Mane Sonali B.	m.m. Nilanga	Student	7038145704	300	
127	41	Chilme Sushma M.	m.m. Nilanga	Student	9356448070	300	
128	42	Arakwad Samrudhi S.	m.m. Nilanga	Student	7083002935	300	
129	43	Dodjode Vaishnavi P.	m.m. Nilanga	Student	9829007359	300	
130	44	Saudagar Sumet I	m.m. Nilanga	Student	7755332740	300	
131	45	Suryawanshi Poo B.	m.m. Nilanga	Student	9356854613	300	
132	46	Sonware Meghavi V	m.m. Nilanga	Student	8688734986	300	
133	47	Vaishnavi Kadam	R.S.M.L	Student	8767193652	300	
134	49	Deshmukh Neha Babasaheb	D.S.C.L	Student	9699447359	300	
135	50	Patel Ganapathi Tamil	D.S.C.L	Student	9744028949	300	
136	51	Singapore Anam Zakia	D.S.C.L	Student	7058785458	300	
137	54	Jingale Suyli Maruti	pharmacy - LCOP	Student	7841372158	300 - Amge	
138	55	Leontine Vaishnavi Ramakhar	pharmacy - LCOP	Student	7049101967	300	
139	57	Bhosale Pooja Ganesh	pharmacy - LCOP	Student	9022447313	300	
140	58	Bedake Rudra Sambhaji	Pharmacy - LCOP	Student	7756926231	300	
141	58	Pranjali Bhimrao Kale	pharmacy - LCOP	Student	9408652538	300	
142	53	Munde Maithilee Yash	pharmacy - LCOP	Student	9588651717	300	
143	60	Sona Ayubkhan Pathan	Pharmacy - LCOP	Student	9075068400	300	
144	61	Anantsha Anand Bhambale	Pharmacy - LCOP	Student	9657587761	300	
145	62	Shweta Bharat Patale	pharmacy - LCOP	Student	9028056314	300	
146	63	Bhosale Anjali U	Pharmacy - LCOP	Student	9080251408	300	
147	64	Hareeshada Rajendra Keshu	pharmacy - LCOP	Student	9503583886	300	
148	65	Renika Balaji Sami	pharmacy -	Student	8663187752	300	
149	66	Sneha Ravindra Chavali	Pharmacy	Student	9309546476	300	
150	67	Bhadikar Shweta Kamalake	Pharmacy	Student	7972539000	300	
151	69	Kate Atishwarya Mahesh	Chhatrapati S.R.M.U	Student	8767356062	300	
152	70	Anantsha Anand Bhambale	Chhatrapati S.R.M.U	Student	9175346134	300	
153	71	Mane Anantsha Babasaheb	Chhatrapati S.R.M.U	Student	9020953521	300	
154	74	Zargax Bushra Ali A	Chhatrapati Shiksha Sanstha	Student	8557173418	300	
155	75	Syed A Neha B.S.J	Chhatrapati Shiksha Sanstha	Student	7385053097	300	

"High-End Sophisticated Equipment" Hands-On Training							
Sr. No.	Receipt No.	Name	Institution Name	Designation	Mobile No.	Amount	Signature
1.	48	Shinde Sarika	M.S. Bidve Eng. college.	Teacher	9730576463	500/-	[Signature]
2.	52	Shital Tadhar.	Sanjivani Mahavidyalaya, Chapli	Assist. Prof.	9404273629	500/-	[Signature]
3.	53	Dr. Firdaus Biradar.	D.S.C.I.	Assist. Prof.	7972993782	500/-	[Signature]
4.	68	Mrs. Vidya Atwale	Yogeshwari Mahavidyalaya - Ambajogai	Assist. Prof.	9420736577	500/-	[Signature]

Date: 26.02.2025.


 26.02.25
HOD
 Head
 Department of Biotechnology
 Rajarshi Shahu Mahavidyalaya
 (Autonomous) Latur-413 531




Principal
PRINCIPAL
 Rajarshi Shahu Mahavidyalaya, Latur
 (Autonomous)