



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



Department of Chemistry & Analytical Chemistry

I. Documentation of Programme

A) Summary Report of the Activity

1) Title of Programme	DST-FIST Sponsored “Hands-on Training on Sophisticated Analytical Equipment-2025”			
2) Name of Organizing Department/Unit	Department of Chemistry & Analytical Chemistry			
3) Name of the Coordinator(s)/ Convener(s)/Organizer(s) of the Programme	Chairperson: Principal Dr. Mahadev Gavhane Chief Organizer: Dr. Dhananjay Palke Coordinator: Mr. Maroti Sudewad Organizing Secretary: Mr. Akshay Bhandare			
4) Date(s) of the Programme & Time	Date: 29 th March 2025 Time: 11.00 AM to 6.00 PM			
5) Venue/Mode	Central Instrumentation Center(CIC), RSML, Latur			
6) Target Group	PG Students			
7) Number of Participants		Male	Female	Total
A separate list with Signatures should be Maintained in the Department/Unit)	Students	16	33	49
	Teachers	03	02	05
	Total	19	35	54
8) Name(s) and details of Resource Person(s), if any	Mr. Maroti Sudewad Assistant Professor, Rajarshi Shahu Mahavidyalaya, Latur Mr. Akshay Bhandare Assistant Professor, Rajarshi Shahu Mahavidyalaya, Latur			
9) Total Expenditure for the Programme	12,750 /-			
10) Source of Funding	Under the DST-FIST PG College Project Scheme (Scientific Social Responsibility, SSR)			

B) Report of Event

i. Title:

DST-FIST Sponsored **“Hands on Training on Sophisticated Analytical Equipments-2025”**,
Dated 29th February 2025, Saturday

ii. Introduction:

For those who want to work in scientific fields such as research, quality control, pharma, food, and environmental monitoring, practical training with analytical tools is essential. Under the DST-FIST PG College Project Scheme, the Department of Chemistry & Analytical Chemistry at Rajarshi Shahu Mahavidyalaya, Latur, hosted a one-day “Hands on Training on Sophisticated Analytical Equipments-2025”. The purpose of this event was to empower the students and young researchers in S&T by bridging the gap between academic knowledge and practical applications. Research Scholars and Postgraduate students studying chemistry and life sciences were the main targets of the program, which exposed them to cutting-edge equipment and analytical methods.

iii. Objectives of the Workshop/Issues Addressed:

- To Develop Practical Skills.
- To Provide Real-World Experience in Sophisticated Instrument Handling.
- To Facilitate Collaboration and Teamwork.
- To Teach to Reduce Risk in High-Stakes Environments.

iv. Details of Participants:

The workshop witnessed enthusiastic participation from postgraduate Girl Students, Women Scientists and Female Students from B. Pharm. 54 Participants (49 Students & 05 Faculty) attended the Hands-on Training Program.

v. Brief Summary of Events/Sessions:

The program was started with the outline of the training Program by HoD Prof. Dr. Dhananjay Palke. Dr. Kundan Tayade has given information about the DST-FIST Support and the equipment's procured under the same. The subtle Technical Sessions were conducted by Resource Persons Mr. Maroti Sudewad and Mr. Akshay Bhandare. They explained students the theoretical principles and given hands-on for the same. Later at the end of the program Dr. Mahadev Gavhane has given the presidential Remark. The programme was concluded by vote of thanks proposed by Miss. Pratiksha Jagtap.

vi. Conclusion,withFeedbackontheWorkshop:

The objectives of the training program were hands-on experience with advanced tools utilized in contemporary scientific analysis were well achieved. This program is a big step in helping the young researchers in science; enhance their technical abilities so that they can succeed academically and professionally. The participants were pleased with the thorough explanations and thought that the practical experience was very helpful. After the training, students expressed a greater desire to pursue jobs and research using the sophisticated instruments.

vii. Any Appendix if Necessary:

- List of Participants: [AnnexureA](#)

Coordinator

HoD

DST-FIST Coordinator

Principal

C) Geotagged Photographs/Screenshots

DST-FIST Sponsored **“Hands-on Training on Sophisticated Analytical Equipments-2025”**,
Dated 29th March 2025, Saturday.



Dr. Kundan Tayade Giving Information About DST-FIST Grant



PG Students Having Hands-on for HPLC(JASCO,Japan)





Resource Person Mr. Akshay Bhandare Demonstrating
The Spectrofluorometer to the Aspirants



Resource Person Mr. Maroti Sudewad Demonstrating
The Handling of Software of TGA and the Instrument

D) Brochure/Flyer of the Program:



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Chemistry and Analytical Chemistry
(Under DST-FIST 1817 Scheme)

Organized
One day
Hands-On training program
On

“Hands on Training on Sophisticated Analytical Equipments-2025”

Chairperson Dr. Mahadev Gavhane Principal, RSML	Special Presence Prof. Sadashiv Shinde Vice-Principal, RSML	Chief Organizer Dr. Dhananjay Palke HoD
Special Presence Dr. Kundan Tayade DST-FIST Coordinator	Coordinator Mr. Maroti Sudewad Assistant Professor	Organizing Secretary Mr. Akshay Bhandare Assistant Professor

Date: 29th March 2025, **Time:** 11.00 AM Onward
Venue: Central Instrumentation Centre(CIC), RSML, Latur.

Coordinator

HoD

DST-FIST Coordinator

Principal

DST-FIST Sponsored

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

Date: 25th February 2025. **Time:** 10.30 AM to 06.00 PM

Schedule

Sessions	Time	Session Title	Name of Resource Person/Speaker	Teacher In-charge (In-house)
Inaugural	11.00 AM to 11.15 AM	Inauguration Program, Welcome of the Chief Guest& Introductory Remarks of the Principal		Dr.Kalimoddin Momin
Technical Session1	11.15 AM to 11.45 PM	Lecture by Resource Person on “High-End Sophisticated Equipment”		
Tea Break				
Technical Session2	12.00 PM to 2.15 PM	Hands-on Training on HPLC, Microwave & Rotary Evaporator		
Lunch Break				
Technical Session3	3.15 PM to 5.15 PM	Hands-on Training on TGA, Fluorescence Microscope, Spectrofluorometer, UV-visible Spectrophotometer		
Tea Break				
Valedictory Function	5.30 PM to 06.00 PM	Valedictory Program Including Vote of Thanks		

राजर्षी शाहू महाविद्यालय, लातूर (स्वायत्त)

कॅन्टीन नं. ०३

बिल नं.

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दि. 29/03/2025

श्रीमान प्राचार्य रा. शा. म. लातूर.

तपशील	नग	दर	रक्कम
Hands-on Training Dept. of Chemistry चहा नाष्टा जेवण Under DST-FIST 1817 Scheme <u>SSR</u> Canteen Incharge Chahu Canteen No.-3 धन्यवाद!	51	250	12750
		एकुण	12750

अक्षरी रुपये वारा हजार सानशे पन्नास रुपये

MR NO 107

शाहू कॉलेज कॅन्टीन

DST FIST - SSR (R)