



**Shiv Chhatrapati Shikshan Santha's**  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
 Department of Microbiology  
**A) A SUMMARY REPORT**

<b>1) Title of Program:</b>		“A Two Day National Analytical Instruments Training workshop”		
<b>2) Name of Organizing Department/Unit:</b>		Microbiology		
<b>3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Program:</b>		Convener: Dr. D. V. Vedpathak Organizing Secretary: Dr. K. G. Maske		
<b>4) Date(s) of the Program:</b>		15 <sup>th</sup> &16 <sup>th</sup> January, 2021		
<b>5) Venue:</b>		Central Instrumentation Centre(CIC)		
<b>6) Target Group:</b>		U.G.& P.G. Microbiology Students, Research Scholars, Industry Individuals, Teachers		
<b>7) Number of Participants:</b>		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	05	01	06
	Non-Teaching	02	-	02
	Research Scholars	02	-	02
	Industry person	01	-	01
	Students	12	22	34
<b>8) Names and details of Resource Persons, if any:</b>		1. Mr. Anil C. Vispute, Reliable's Shree Industrial Training Centre, Jalgaon 2. Mrs. R.C. Waykole, Professional trainer Reliable's Shree Industrial Training Centre, Jalgaon 3. Dr. K. C. Tayade Department of Chemistry, Rajarshi Shahu Mahavidyalaya, (Autonomous), Latur		
<b>9) Total Expenditure for the Program:</b>		37078.00		
<b>10) Source of Funding:</b>		Registration fee from the Participants		

## B)A Report

### i. Title: “A Two Day National Analytical Instruments Training workshop”

### ii. Introduction (with details of name of program, organizer, date venue, etc)

**Department of Microbiology, Rajarshi Shahu Mahavidyalaya (Auto.), Latur and Reliable's Shree Industrial Training Center, Jalgaon** has jointly organized “A Two Day National Analytical Instruments Training Workshop” under MoU, on 15<sup>th</sup> and 16<sup>th</sup> January 2021. The hands on training workshop was arranged in Central Instrumentation Centre(CIC) of the college. The participants had hands on training of the advanced instrumentation - UV Visible spectrophotometer, Flame spectrophotometer, HPLC and FTIR. Total 45 participants attended this workshop.

### iii. Objectives of the Program/ issues addressed

Two Day National Analytical Instruments Training Workshop was organized for following objectives:

1. To introduce the participants with respect to SOP of the advanced analytical instruments
2. To inculcate the necessary skills to operate the advanced analytical instruments
3. To understand interpretation of the observations.

### iv. Details of Participants (number, profession, geographical representation, sex ratio, etc; a separate list can be attached as Appendix with the full details if necessary)

Profession	No of Participants	Geographic Distribution	
		State	Out of State
Students	34	33	01
Researchers	02	02	
Teachers & Non Teaching Staff	08	08	
Industry Person	01		01

### v. Brief Summary of Events/ Sessions

The workshop was inaugurated on 15<sup>th</sup> January 2021 at 10:00a.m. with auspicious hands of Principal Dr.M.H.Gavhane, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur in the special presence of Vice Principal Dr. A. J. Raju, Vice Principal Prof. S.N. Shinde, Dr.A.A.Yadav, IQAC Coordinator. The Resource Persons of the workshop **Mr. Anil C. Vispute**, Reliable's

Shree Industrial Training Centre, Jalgaon, Ms. R.C. Waykole, Professional trainer and Dr.K.C.Tayade were also present.

At the outset convenor of the program Dr.D.V.Vedpathak put forward the objectives of the workshop. The resource persons were felicitated by Principal Dr.M.H.Gavhane. Mr. Anil C. Vispute, Reliable's Shree Industrial Training Centre, Jalgaon, delivered the key note address. The inaugural program was presided over by chairperson Principal Dr.M.H.Gavhane. Miss.Sonali Patil (M.Sc.-II) expressed the vote of thanks.

Technical Session-I was dedicated to UV Visible Spectroscopy which was conducted by Ms.R.C.Waykole.

Technical Session- II was dedicated to HPLC which was conducted by Mr. Anil C. Vispute.

Technical Session-III was dedicated to FTIR and Flame Spectrophotometer which was conducted by Dr.K.C.Tayade.

The same schedule of technical sessions was followed on second day (16<sup>th</sup> January 2021) also.

Valedictory program was organized on 16<sup>th</sup> January 2021 at 05:00 p.m. Vice Principal Dr. A. J. Raju chaired the program. Vice Principal Prof. S.N. Shinde was chief guest of the program. The Resource Persons of the workshop Mr. Anil C. Vispute, Reliable's Shree Industrial Training Centre, Jalgaon, Ms. R.C. Waykole, Professional trainer, Dr.K.C.Tayade were felicitated .The participants expressed their views about the training experience during the workshop.The organizing secretary and Head of the Microbiology Department Dr.K.G.Maske presented valedictory note.The function was guided by Vice Principal Prof. S.N. Shinde.

The valedictory program was presided over by chair person Vice Principal Dr. A. J. Raju. Mr.J.A.Hashmi Syed expressed the vote of thanks.

The workshop successfully completed with the distribution of certificates and photo session.

#### **vi. Conclusion, with Feedback on the Program:**

Department of Microbiology, Rajarshi Shahu Mahavidyalaya (Auto.), Latur and Reliable's Shree Industrial Training Center, Jalgaon has jointly organized "A Two Day National Analytical Instruments Training Workshop" under MoU, on 15<sup>th</sup> and 16<sup>th</sup> January 2021.

Feedback received from participants about training program was reviewed by organizing committee. According to feedback the training program was excellent with respect to expertise of resource persons and skills in handling advanced analytical instruments.

#### **vii. Outcomes of the workshop:**

1. The participants acquired the skills in handling of the advanced analytical instruments.
2. Participants understood the interpretation of observations.
3. Technical proficiency of the students enriched.

Date: 17 January 202

**Signature of HoD  
HEAD**

**Dept. of Microbiology  
Rajarshi Shahu Mahavidyalaya  
LATUR - 413 512**



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

## B) Geotagged Photograph/Screenshots



Inauguration of “A Two Day National Analytical Instruments Training Workshop” by Principal Dr.M.H.Gavhane, Rajarshi Shahu Mahavidyalaya (Autonomous) Latur.



Hands on training of HPLC by expert trainer Mr. Anil C. Vispute in “A Two Day National Analytical Instruments Training Workshop”.



Hands on training of UV- Visible spectrophotometer by expert trainer Ms. R.C. Waykole in “A Two Day National Analytical Instruments Training Workshop”.



Hands on training of FTIR by expert Dr.K.C.Tayade in “A Two Day National Analytical Instruments Training Workshop”.

## C) Brochure :

### A Two Day National Analytical Instruments Training Workshop

15th and 16th January 2021

#### Workshop Schedule

Day 1 <sup>st</sup> (15 <sup>th</sup> January 2021)	
9:00 to 10:00	Registration
10:00 to 10:45	Inaugural Function
11:00 to 12:00	Technical Session-I
12:00 to 2:00	Hands on training (UV, Visible spectroscopy)
2:00 to 2:45	Lunch break
2:45 to 5:30	Hands on training (FTIR)

Day 2 <sup>nd</sup> (16 <sup>th</sup> January 2021)	
10:00 to 11:00	Technical Session-II
11:00 to 11:30	Tea break
11:30 to 1:30	Hands on training (HPLC)
1:30 to 2:30	Lunch break
2:30 to 5:00	Flame Spectrophotometer (Hands on training)
5:00 to 5:30	Valedictory function

To,  
The Principal / Head



**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
Website : <http://www.shahucollegeatatur.org.in>  
E-mail : [principal@shahucollegeatatur.org.in](mailto:principal@shahucollegeatatur.org.in)  
Phone : (02382) 245933, 245380 Fax : (02382) 253545



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

and

**Reliable's Shree Industrial**  
**Training Centre, Jalgaon**

Jointly organize

**"A Two Day National**  
**Analytical Instruments Training**  
**Workshop"**

15th and 16th January 2021

: Organized by :

**Department of Microbiology**  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**

#### About the College -

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, the higher educational institute of Shiv Chhatrapati Shikshan Sanstha, was established in 1970 and run with the motto - Pursuit of Excellence. We are now known for academic autonomy, plurality, peculiarity and leadership. Our experiments, excellence and the tradition of merit in education have created the Shahu Pattern of Education. To do innovative experiments in education and maintain the consistency in experimentation, ours is the first institute to go for academic autonomy in Marathwada region in 2013. Taking note of our uniqueness in the field of education, the Govt. of Maharashtra honored the college with 'Ideal Educational Institute' award in 2000.

#### About the Microbiology Department -

The Department of Microbiology of Rajarshi Shahu Mahavidyalaya (Autonomous), Latur was established in 1986 and committed to provide quality education and disseminating knowledge about the microbial world. The department offers graduate as well as post graduate program in microbiology along with various skill enhancement courses. Department is recognized by Swami Ramanand Teerth Marathwada University Nanded, as a research centre in Microbiology for Ph.D. Research of our department is focused on environmental microbiology and PGPR. The infrastructural facilities of the department have been developed with advanced instruments and equipment.

#### About the Workshop -

Analytical techniques play an obligatory part of chemical and biological research in recent times. The major obstacles confronted by academicians, students and industry personals are availability of sophisticated instruments as well as its proper usage and data deciphering.

The workshop is planned to cater the development of human resource requirements on analytical instrumentation. The objective of such human resource development is to satisfy the needs of science personnel by providing high quality training in highly advanced analytical instrumentation facilities.

The workshop will provide immense practical knowledge about all advanced analytical instruments which will set a platform to all science students who wish to pursue their higher studies or join chemical/ pharmaceutical industries. The training will provide expertise on

1. UV-Visible spectrophotometer
2. High Performance Liquid Chromatography (HPLC)
3. Fourier Transform Infrared Spectrophotometer (FTIR)
4. Flame Spectrophotometer

#### Registration Fees :

For Faculty : 1500/-  
For Research Scholars : 1400/-  
For Students (UG/PG) : 1200/-

#### Registration :

For online registration of the workshop.

#### Name of the A/C Holder :

Principal, Rajarshi Shahu Mahavidyalaya, Latur  
Bank Name : Canara Bank  
Branch : Chandra Nagar, Latur  
Bank A/C No. : 8576201000107  
IFSC : CNRB0008576

#### For More details, please contact :

Dr. D.V.Vedpathak : +919822757890  
Mr. K.R.Gaikwad : +918208059548  
Mr. S.J. Hashmi : +918087242884

#### Patron

**Dr. Gopalrao Patil**  
President  
Shiv Chhatrapati Shikshan Sanstha

**Dr. P.R. Deshmukh**  
Vice-President  
Shiv Chhatrapati Shikshan Sanstha

**Principal A. S. Jadhav**  
Secretary  
Shiv Chhatrapati Shikshan Sanstha

#### Principal

**Dr. Mahadev Gavhane**  
Principal  
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

#### Advisory Committee

**Prof. E.U. Masumdar** (Vice-Principal, R.S.M., Latur)  
**Prof. A.J. Raju** (Vice-Principal, R.S.M., Latur)  
**Prof. K.G. Maske** (HoD, Microbiology)

#### Organizing Secretary

**Dr. K.G. Maske**  
Professor & Head, Department of Microbiology

#### Convener

**Dr. D.V. Vedpathak**  
Associate Professor, Department of Microbiology

#### Resource Person

**Mr. Anil C. Vispute**  
M.D., Reliable's Shree Industrial Training Centre

**Mrs. Reshma C. Waykole**  
Reliable's Shree Industrial Training Centre

#### Organizing Committee

**Dr. D.S. Rathod**  
**Dr. K.D. Sawant**  
**Dr. K.C. Tayade**  
**Mr. K.R. Gaikwad**  
**Mr. S.J. Hashmi**

Banner of the Program

**Department of Microbiology****Organised**

A Two Day National Analytical Instruments Training Workshop

List of Participants (15<sup>th</sup> and 16<sup>th</sup> January, 2021)

Date: 17 January 202

Sr. No.	Name of the Participants	Gender	Designation
1	Patil Sonali Shrikant	Female	Student
2	Dhumal Pooja Vilas	Female	Student
3	Kadam Dipti Balaji	Female	Student
4	Hake Madhav Manoj	Male	Student
5	Sonwane Suraj Shivaji	Male	Student
6	Kalyane Pornima Anil	Female	Student
7	Thombre Shivshankar Ramesh	Male	Student
8	Zadke Akshay Bhaskar	Male	Student
9	Biradar Shital Bashwaraj	Female	Student
10	Gurme Shailaja Balasaheb	Female	Student
11	Wakde Vaishnavi Venkatesh	Female	Student
12	Patil Anuja Jaywantrao	Female	Student
13	Suryawanshi Nandini Balaji	Female	Student
14	Gundre Mahadevi Sambhaji	Female	Student
15	Chavhan Shrikant Sanjay	Male	Student
16	Gurle Pallavi Vaijanath	Female	Student
17	Birajdar Sadhana Namdev	Female	Student
18	Swami Shobha Rachyya	Female	Student
19	Potdar Parmeshwar	Male	Industry Person
20	Chole Pranjali	Female	Student
21	Salunke Kiran Shishikant	Female	Student
22	Sathe Aditi Balaji	Female	Student
23	Shirure Nikita Umakant	Female	Student
24	Yadav Geeta Narendra	Female	Student
25	Bhalekar Pooja Dattatraya	Female	Student
26	Bhalekar Mamta Rajendra	Female	Student
27	Kulkarni Nishant Pravin	Male	Student
28	Gaikwad Sagar Laxman	Male	Student
29	Kasbe Sumedh Ananda	Male	Student
30	Salunke Shailesh Balaji	Male	Student
31	Sindhikumthe Pravin Raghunath	Male	Student
32	Bhosle Amar Parmeshwar	Male	Student
33	Jadhav Shridhan Digambar	Male	Student
34	Savant Varsharani	Female	Student
35	Shahapurkar Shrushti	Female	Student
36	Dr. K. G. Maske	Female	Teacher
37	Dr. D. V. Vedpathak	Male	Teacher
38	Mr. Pandurang Pawar	Male	Research Scholar
39	Mr. Sushil Inchure	Male	Research Scholar
40	Mr. K. R. Gaikwad	Male	Teacher
41	Mr. H. S. J Ali	Male	Teacher
42	Mr. Akshay Bhandare	Male	Teacher
43	Dr. K. C. Tayade	Male	Teacher
44	Mr. Pravin Suryawanshi	Male	Technical
45	Mr. Ramlingeshwar Swami	Male	Non- Teaching

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