

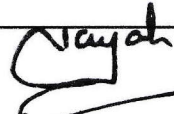
Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE, VASHI (Autonomous)
Department of Microbiology
Activity report under MOU/linkages/Collaborations
Department of Microbiology

MoU Activity Report

Date: 08.03.2021

Name of MOU /linkages/Collaborations: Student Training Program on Advanced Instrumentation Training by The Synthetic & Art Silk Mills' Research Association, (SASMIRA), Worli, Mumbai
Student Training Program on Advanced Instrumentation Training
Details of Activity Title of Activity: Student Training Program on Advanced Instrumentation Training Duration: Batch I - 27.01.2021 to 01.02.2021, Batch II - 01.03.2021 to 05.03.2021 Five Days (Total duration:- 30 hours for each batch) Duration: 10.00 AM to 5.00 PM each day Attendee Number: 12 participants/Batch = 23 participants Name of Resource person: Shradha Shinde-Dongre, Mr. Pramod Salunkhe, Rachana Shukla, & Ravi Singh Name of Collaborating Agency: SASMIRA, Worli, Mumbai
Objectives of Activity <ul style="list-style-type: none">● To get hands-on training in advanced instruments.● To observe the detailed standard operations of instruments.
Description of Activity Description About the Program: The Student Training Program was organized by the Department of Microbiology of Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College in collaboration with SASMIRA, Worli, Mumbai . This training is funded by the RUSA (<i>Rashtriya Uchchatar Shiksha Abhiyan</i>) Objectives: <ol style="list-style-type: none">1) To enhance the knowledge about various theoretically known instruments such as HP-TLC (High-performance thin-layer chromatography), Scanning Electron Microscopy (SEM), PSA (Particle Size Analyzer), GC-MS Gas Chromatography-Mass Spectrometry2) To understand its practicality, handling, maintenance and several factors related to advanced instruments3) To understand the introduction to the Quality Management System Student Training Program Content: Scanning Electron Microscope with the coating techniques- <ol style="list-style-type: none">1. Instrument Know-how2. Importance of Sample Preparation for Analysis3. Sputter Coating4. SEM sample analysis Demonstration Post Run Analysis




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HP-TLC-

1. Instrument know-how
2. Sample application techniques
Post run analysis

GC-MS-

1. Introduction to GC
2. Introduction FID/MS
3. Introduction to Signal Quadrupole GC-MS
4. Introduction to Triple Quadrupole Cord GC-MS
Post run analysis

Particle Size Analyzer-

1. Instrument Know-how
2. Importance of Sample Preparation

Introduction to Quality Management System-

1. Introduction to ISO 17025 (QMS)
2. Calibration and its importance
3. Validation and its importance
4. Documentation and its importance

Impact of activity on the community: NA

Benefit to Volunteers (participants):

- a) Participants got full basic and advanced knowledge about principles and handling of instruments.

- b) Detailed operation of all the mentioned advanced instruments was demonstrated.

This training has led students to achieve extreme importance and interest in the field of instrumentation and helped them consider prospects. The entire Training Program was an interactive session and the speakers [Shradha Shinde-Dongre, Mr. Pramod Salunkhe, Rachana Shukla, and Ravi Singh] responded to many queries and doubts raised by the student participants. Students understood the Student Training Program and it was helpful for them.

Link of activity (If Online): NA**Certificates received for extension activity by students (Google Drive link):**

https://drive.google.com/file/d/1OOBvvOU4BbMUpHAOol_Ntyws0eIU-2mV/view?usp=sharing

Attendance of participated students (Google Drive link):

https://drive.google.com/file/d/1uvUP3ETK7-rhM5_OUP0SgygawwN5dDr2/view?usp=drive_link

Feedback of activity (Google Drive link) :

This training has led students to achieve extreme importance and interest in the field of instrumentation and helped them consider prospects. The entire Training Program was an interactive session and the speakers [Shradha Shinde-Dongre, Mr. Pramod Salunkhe, Rachana Shukla, and Ravi Singh] responded to many queries and doubts raised by the student participants. Students understood the Student Training Program and it was helpful for them. 87% participants gave a highly positive response to this STP conducted by SASMIRA institute.

https://docs.google.com/spreadsheets/d/1g1_-VfiXfyEzCpAdAeNbt7vqXIFpsW1U7nO9j5vx4Os/edit?usp=sharing

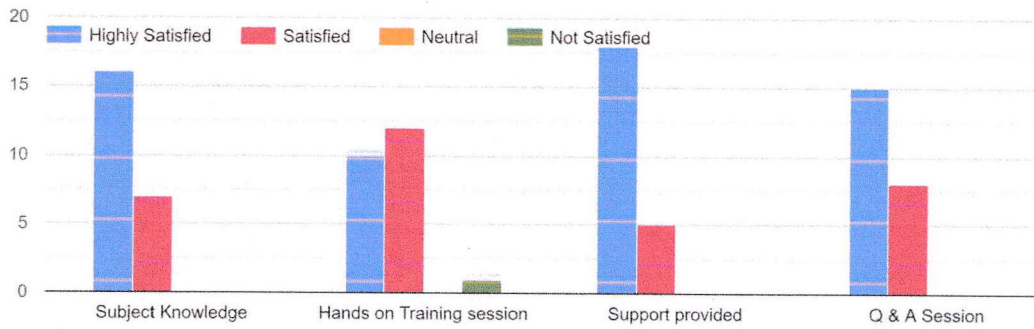


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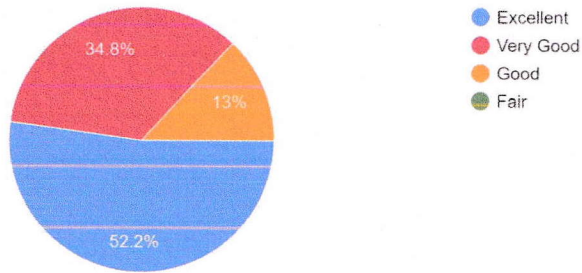
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Rate the Experts of SASMIRA

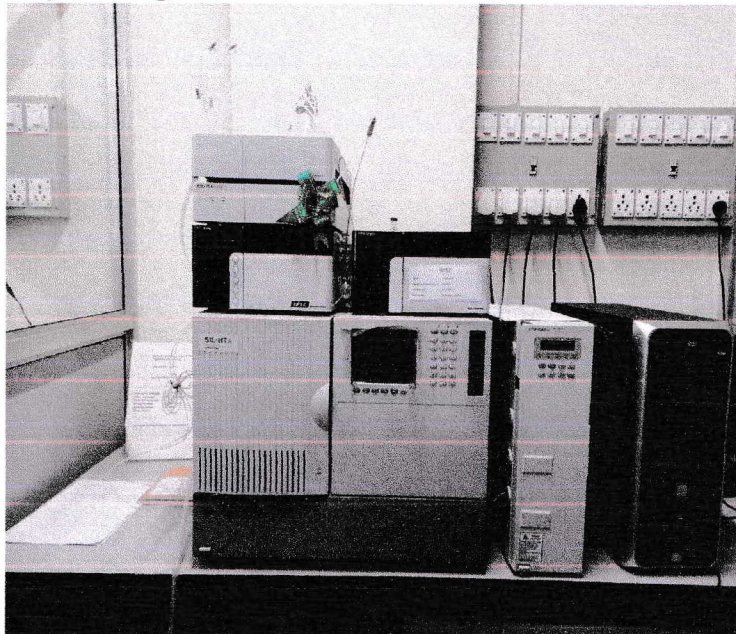


Overall review for the Session

23 responses



Photos of Activity (Geotag):

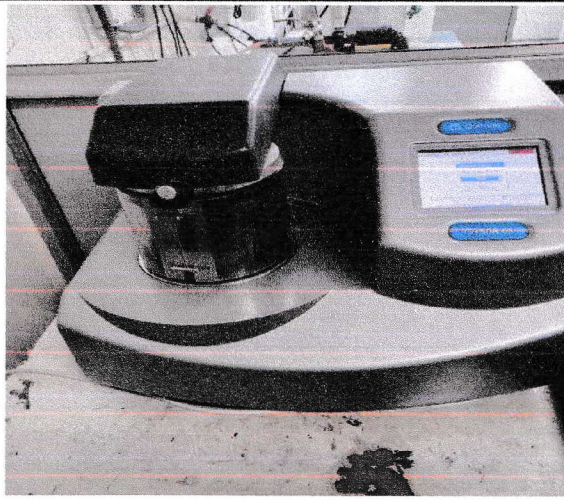


HPLC instrument at SASMIRA, Worli, Mumbai



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Instrument used for processing samples for Scanning Electron Microscopy at SASMIRA, Worli, Mumbai



Participants and Trainers in the SASMIRA campus, Worli, Mumbai for training

Newspaper cutting: NA

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HEAD

Department of Microbiology
K.B.P College, Vashi, Navi Mumbai

Signature of HOD

For THE SYNTHETIC & ART SILK MILLS
SASMIRA, Mumbai
RESEARCH ASSOCIATION
[Handwritten Signature]
EXECUTIVE DIRECTOR

Signature of MOU authority (second party)

[Handwritten Signature]

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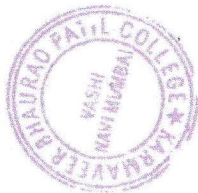
Signature of
Principal



**Student Training Program on Advanced Instrumentation Training at
The Synthetic & Art Silk Mills' Research Association, (SASMIRA), Worli, Mumbai**

27.01.2021 to 01.02.2021

Sr. No.	Roll No.	Name of the Participant	Day 1 27.01.2021	Day 2 28.01.2021	Day 3 29.01.2021	Day 4 30.01.2021	Day 5 01.02.2021
1	209141	Bhattacharya Shreya	Shreya B	Shreya B	Shreya B	Shreya B	Shreya B
2	209142	Talathi Ankita	A.N.	A.N.	A.N.	A.N.	A.N.
3	209143	Dushman Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
4	209144	Waghmare Siddhi Nitin Meena	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi
5	209145	Kolekar Puja Mahadev Lata	Puja	Puja	Puja	Puja	Puja
6	209146	Chavhan Satish Vinod Vimal	Shavan	Shavan	Shavan	Shavan	Shavan
7	209147	Sawant Rohit Shamrao Archana	Rohit	Rohit	Rohit	Rohit	Rohit
8	209148	Khan Aisha Salim Imrana N Khan	Aisha	Aisha	Aisha	Aisha	Aisha
9	209149	Shaikh Sabiha Matiurrehman Saira	Sabiha	Sabiha	Sabiha	Sabiha	Sabiha
10	209150	Bhopatrao Pranali Bhaskar Bhagyashri	Pranali	Pranali	Pranali	Pranali	Pranali
11	209151	Sutar Shalini Sham Savita	S.Sutar	S.Sutar	S.Sutar	S.Sutar	S.Sutar
12	209152	Juvekar Surbhi Sanjay Mansi	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi



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Department of Microbiology

**Student Training Program on Advanced Instrumentation Training at
The Synthetic & Art Silk Mills' Research Association, (SASMIRA), Worli, Mumbai**

01.03.2021 to 05.03.2021

Sr. No.	Roll No.	Name of the Participant	Day 1 01.03.2021	Day 2 02.03.2021	Day 3 03.03.2021	Day 4 04.03.2021	Day 5 05.03.2021
1	209153	Mahadik Shivani Mukund Asha	<i>S. Mahadik</i>	<i>S. Mahadik</i>	<i>S. Mahadik</i>	<i>S. Mahadik</i>	<i>S. Mahadik</i>
2	209154	Kuthe Aishwarya Deoram Darshana	<i>A. Kuthe</i>	<i>A. Kuthe</i>	<i>A. Kuthe</i>	<i>A. Kuthe</i>	<i>A. Kuthe</i>
3	209155	Raut Ankita Mohan Chhaya	<i>Raut A</i>	<i>Raut A</i>	<i>Raut A</i>	<i>Raut A</i>	<i>Raut A</i>
4	209156	Vichare Siddhi Prabhakar Mrunali	<i>Siddhi</i>	<i>Siddhi</i>	<i>Siddhi</i>	<i>Siddhi</i>	<i>Siddhi</i>
5	209157	Umat Heena Ghanshyam Hema	<i>Heena</i>	<i>Heena</i>	<i>Heena</i>	<i>Heena</i>	<i>Heena</i>
6	209158	Hasan Ilma Nadeem Daraksha	<i>Ilma</i>	<i>Ilma</i>	<i>Ilma</i>	<i>Ilma</i>	<i>Ilma</i>
7	209159	Dhane Swaranjali Shantaram Shital	<i>SDhane</i>	<i>SDhane</i>	<i>SDhane</i>	<i>SDhane</i>	<i>SDhane</i>
8	209160	Gupta Sonal Sunil Babita	<i>Supta</i>	<i>Supta</i>	<i>Supta</i>	<i>Supta</i>	<i>Supta</i>
9	209161	Bhosale Poonam Sanjay Swati	<i>B. Poonam</i>	<i>B. Poonam</i>	<i>B. Poonam</i>	<i>B. Poonam</i>	<i>B. Poonam</i>
10	209162	Sakate Sagar Sunil Neeta	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>
11	209163	Patil Jidnyasa Ravindra Manisha	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>



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The Synthetic & Art Silk Mills' Research Association,
(Approved body of Ministry of Textiles, Govt. of India)

CERTIFICATE OF TRAINING

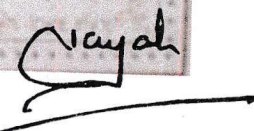
*This is to certify that **Surbhi Juvekar**,
studying in MSc Part II (Microbiology) of Karmaveer Bhaurao Patil College, Vashi
has completed five day (30 Hrs) Training program on
'Advanced Instrumentation' organized from 1st - 5th March 2021.*

Date: 8th July 2021




Dr. Manisha Mathur
Joint Director &
Quality Manager




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Timestamp	Name of the Participant	Contact Number	Currently pursuing...	Name of the your Instituti	Rate the Experts of SASI	Rate the Experts of SASI	Rate the Experts of SASI	Rate the Experts of SASI	Overall review for the Se	Suggestions
05/03/2021 21:38:15	Satish Vinod Chavhan	7620513484	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
05/03/2021 22:24:43	Pranali Bhopatrao	08087834130	M.Sc. Part 2	Karmaveer Bhaurao Patil	Satisfied	Satisfied	Satisfied	Satisfied	Very Good	
05/03/2021 23:42:34	Shreya Bhattacharya	7045695910	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
06/03/2021 13:23:38	Ankita Talathi	09702702287	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Satisfied	Highly Satisfied	Satisfied	Very Good	
06/03/2021 13:28:09	Sidhhi Waghmare	9821243252	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Highly Satisfied	Satisfied	Excellent	
06/03/2021 13:28:56	Pooja Dushman	7039794625	M.Sc. Part 2	Karmaveer Bhaurao Patil	Satisfied	Satisfied	Highly Satisfied	Satisfied	Very Good	
06/03/2021 13:29:52	Pooja Kolekar	9920942109	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
06/03/2021 13:30:51	Rohit Sawant	8689968721	M.Sc. Part 2	Karmaveer Bhaurao Patil	Satisfied	Satisfied	Satisfied	Highly Satisfied	Good	
06/03/2021 13:33:57	Jidnyasa Patil	8108431590	M.Sc. Part 2	Karmaveer Bhaurao Patil	Satisfied	Not Satisfied	Highly Satisfied	Highly Satisfied	Good	
06/03/2021 13:35:14	Ilma Hasan	8097368273	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Satisfied	Highly Satisfied	Highly Satisfied	Very Good	
06/03/2021 13:36:22	Sabiha Shaikh	8850218509	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
06/03/2021 13:39:49	Pranali Bopatrao	8087834130	M.Sc. Part 2	Karmaveer Bhaurao Patil	Satisfied	Highly Satisfied	Highly Satisfied	Satisfied	Very Good	
06/03/2021 13:40:58	Shalini Sutar	7045544412	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
06/03/2021 13:41:59	Surabhi Juvekar	9029527565	M.Sc. Part 2	Karmaveer Bhaurao Patil	Satisfied	Highly Satisfied	Satisfied	Highly Satisfied	Good	
06/03/2021 13:44:13	Shivani Mahadik	8291694640	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
06/03/2021 13:45:14	Aishwarya Kuthe	7020800699	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Satisfied	Satisfied	Very Good	
07/03/2021 10:47:51	Ankita Raut	+91 98677 27211	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
07/03/2021 11:50:36	Siddhi Vichare	8691979107	M.Sc. Part 2	Karmaveer Bhaurao Patil	Satisfied	Satisfied	Highly Satisfied	Satisfied	Very Good	
07/03/2021 11:52:31	Swranjali Dhane	8983578923	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
07/03/2021 11:58:16	Sagar Sakate	7559197005	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Satisfied	Satisfied	Excellent	
07/03/2021 13:00:46	Poonam Bhosale	8454903304	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Excellent	
07/03/2021 13:02:46	Sonal Gupta	9892256932	M.Sc. Part 2	Karmaveer Bhaurao Patil	Highly Satisfied	Satisfied	Highly Satisfied	Highly Satisfied	Very Good	

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