

Rayat Shikshan Sanstha's  
**Karmaveer Bhaurao Patil College Vashi**

Department of Bioanalytical Sciences  
Details for the STP

**Title of the program:** Student Training Program “**Bioinstrumentation Techniques**”  
Sponsored by RUSA

**Description:**

The aim of this course is to make students aware of commonly used devices as well as sophisticated instruments and procedures in the field of Bio-analytical Sciences with specific emphasis for its need in the changing trends of modern pharmaceutical Industries. Also, to amalgamate analytical chemical techniques with modern genomic and proteomic techniques and put forth the importance of interdisciplinary sciences.

Accordingly, Industrial experts for every advanced instrument were invited to guide students for current applications of the instruments. Students were also taught in details of the instrumentation and were guided through the process of sample processing.

**No of beneficiaries :** 34

**Registration Link:** <https://forms.gle/iZu5UdHm9wyLvtEr7>

**Feedback link:**

- 1) AAS and FTIR: <https://forms.gle/Pnw3n8mKGzsAawDc6>
- 2) AGE and PAGE: <https://forms.gle/MQeRMecnMYggrbu79>
- 3) GC: <https://forms.gle/JzLgLsdR3UKkL5um6>
- 4) HPLC: <https://forms.gle/ucXXRX1PonJVg9Z47>
- 5) PCR: <https://forms.gle/M1xDRVBYgPguLnTK7>
- 6) pH meter: <https://forms.gle/EGsjzxwnVevuwdUYA>
- 7) TLC: <https://forms.gle/tKe2t9EZd2cchE6z6>
- 8) UV-VISIBLE: <https://forms.gle/TKciuvG4YbA9aK649>

**Event link:** <https://meet.google.com/ydk-csen-crs>

Rayat Shikshan Sanstha's

## Karmaveer Bhauro Patil College Vashi

Department of Bioanalytical Sciences

Details for the STP

Department of Bioanalytical Sciences is organizing a Students Training Program “**Bioinstrumentation Techniques**” Sponsored by RUSA. Following are the details for topics cover under program.

a) Details for online lecture:

Sr. No.	Name of the Speaker	Designation	Date and Time	Topic
1	Ms. Kiran Kirdart	Former Research Associate, CSIR	06/02/2021 11: 00 am to 11:45 am	Introduction, Principle and current application of AGE
2	Ms. Kiran Kirdart	Former Research Associate, CSIR	06/02/2021 11:45pm to 01:15 pm	Introduction, Principle and current application of PAGE
3	Mr. Aashutosh Mule	Senior Program Manager at Somaiya Centre for Experiential Learning	06/02/2021 02:00pm to 03:30 pm	Introduction, Principle and current application of PCR
4	Mr. Nitin Nikam	Sr.Executive Cipla Ltd	07/02/2021 10:00 pm to 11:30 pm	Introduction, Principle and current application of TLC

5	Ms. Sunetra Pawar	Former Sr.Scientist at Jonson and Jonson	07/02/2021 11:45 pm to 01:15 pm	Introduction, Principle and current application of GC
6	Mr. Vishal Devadiga	Lab Manager Instrumentation NCML Pvt.Ltd	07/02/2021 02:00pm to 03:30 pm	Introduction, Principle and current application of HPLC
7	Ms. Kalyani Patil	Assistant Professor K.B.P. college vashi	13/02/2021 11:00pm to 12:30pm	Introduction, Principle and current application of pH meter
8	Ms. Sunetra Pawar	Formar Sr.Scientist at Jonson and Jonson	13/02/2021 01:00 pm to 02:30pm	Introduction, Principle and current application of UV-Visible spectroscopy
9	Mr. R Girijan	Consultant- Product support Toshvin analytical Pvt. Ltd	14/02/2021 11:00pm to 12:30 pm	Introduction, Principle and current application of AAS
10	Mr. R Girijan	Consultant- Product support Toshvin analytical Pvt. Ltd	14/02/2021 01:00pm to 02:30 pm	Introduction, Principle and current application of FTIR

b) Details of Practicals

Sr. No.	Name of the Speaker	Designation	Tentative Dates	Topic
1	Ms. Geetanjali Gone	Assistant Professor	10/02/2021	Amplification of Template DNA using PCR Kit
2	Ms. Geetanjali Gone	Assistant Professor	10/02/2021	Separation of genomic, Plasmid and amplified DNA and Visualization
3	Ms. Geetanjali Gone	Assistant Professor	11/02/2021	Separation of protein samples (BSA) samples and Visualization
4	Ms. Geetanjali Gone	Assistant Professor	11/02/2021	Separation of Chlorophyll from Green leafy vegetables:
5	Ms.Kalyani Patil	Assistant Professor	12/02/2021	Detection and Identification of modern drug: FTIR
6	Ms.Kalyani Patil	Assistant Professor	12/02/2021	Determination of $\lambda_{max}$ for Caffeine Quantification of caffeine in solutions:UV-VISIBLE
7	Ms. Kalyani Patil	Assistant Professor	15/02/2021	Detection of caffeine from modern drug:HPLC

8	Ms.Kalyani Patil	Assistant Professor	15/02/2021	Separation of Alcohols: GC
9	Ms. Geetanjali Gone	Assistant Professor	16/02/2021	To find unknown concentration in given sample using AAS
10	Ms.Kalyani Patil	Assistant Professor	16/02/2021	pH measurement of fruit juices, ointments, milk, beverages



RAYAT SHIKSHAN SANSTHA'S  
KARMAVEER BHAURAO PATIL COLLEGE VASHI, NAVI MUMBAI  
(AUTONOMOUS)



**Department of Bioanalytical Sciences**  
**Student's Training Program in Bioinstrumentation Techniques**  
Under the Aegis of RUSA



## Certificate of Completion

This Certificate is awarded to ***Ganesh Mahadev Lad*** of ***Biotechnology*** for completing the Students Training Program in "**Bioinstrumentation Techniques**" organized by Department of Bioanalytical Sciences, from 06 February to 06 March 2021.

Ms. Geetanjali Gone  
HOD  
Department of Bioanalytical Sciences

Dr. Shubhada Nayak  
I/C Principal,  
K.B.P. College, Vashi

Timestamp	Email Address	Score	Name of the student	Name of the Department	Contact Number	Information given by Spec	Rate the session (1 for lo	GC column oven use for v	capillary column is made up of stainless steel material	
2/7/2021 13:13:31	aakankshanikam1999@gmail.com		Aakanksha Sanjay Nikam	Bioanalytical science	8879229974		5	5	TRUE	TRUE
2/7/2021 13:09:39	akankshasanjaypawar@gmail.com		Akanksha sanjay pawar	Biotechnology	9730803679		4	4	TRUE	TRUE
2/7/2021 13:11:18	bhariakshay1999@gmail.com		Akshay Bharti	Biotechnology	9326094835		4	4	TRUE	TRUE
2/7/2021 13:10:10	artimore2707@gmail.com		Arti ramesh more	Bioanalytical sciences	8530049723		5	5	TRUE	FALSE
2/7/2021 13:12:33	ashishjadhav29697@gmail.com		Ashish Jadhav	Biotechnology	7977903559		3	3	TRUE	TRUE
2/7/2021 13:10:33	bhagyashree Ramchandra		Bhagyashree Ramchandra	Biotech Department	7506993592		3	3	TRUE	TRUE
2/7/2021 13:10:36	blessyabraham456@gmail.com		Blessy Abraham	Bioanalytical Sciences	9833686619		4	4	TRUE	TRUE
2/7/2021 13:10:35	chiragsavita7a@gmail.com		Chirag savita	Bioanalytical sciences	9004132118		5	5	FALSE	TRUE
2/7/2021 13:13:42	kdhanveen@gmail.com		Dhanveen Vikram Khand	TYBSc biotechnology	8779257234		4	4	FALSE	TRUE
2/7/2021 13:11:45	ekhara.divya@gmail.com		Divya Dilip Ekhare	Bioanalytical Sciences	9819958308		5	5	TRUE	FALSE
2/7/2021 13:15:49	eshqparui101@gmail.com		Eshita Parui	Department of Biotechnol	8108785212		4	4	FALSE	FALSE
2/7/2021 13:13:47	ganeshlad500@gmail.com		Ganesh Mahadev Lad	Biotechnology	9623282099		5	5	FALSE	TRUE
2/7/2021 13:11:31	hrdundle@gmail.com		Hrushikesh Ramdas Dunde	Bioanalytical science	+918286746968		5	5	TRUE	FALSE
2/7/2021 13:12:51	ishanpanhale007@gmail.com		Ishan Panhale	Ty bsc biotechnology	9137252698		5	5	FALSE	FALSE
2/7/2021 13:10:13	samidhadeokar2@gmail.com		Jadhav Samidha Sunil	Biotechnology	7058560878		5	5	TRUE	TRUE
2/7/2021 13:11:03	khanshaista7717@gmail.com		Khan Shaista Jamal Akil	Bioanalytical science	9833095663		5	4	TRUE	TRUE
2/7/2021 13:10:50	wankhedemanisha314@gmail.com		Manisha Ambadas Vankh	Biotechnology	9967313149		5	5	TRUE	FALSE
2/7/2021 13:11:29	chhayasukale92@gmail.com		Manjare Chhaya Laxman	Msc. Bioanalytical science	9987454333		4	4	TRUE	FALSE
2/7/2021 13:13:12	dhoneemegha23@gmail.com		Megha Ravindra Dhone	Biotechnology	7738084534		4	4	TRUE	FALSE
2/7/2021 13:13:47	zendeneha19@gmail.com		Neha Zende	Biotechnology	9082580589		4	3	TRUE	TRUE
2/7/2021 13:12:07	pateljashoda9696@gmail.com		Patel Jashoda	Department of Biotechnol	8070088889		4	4	TRUE	TRUE
2/7/2021 13:08:45	pj2640866@gmail.com		Pooja Jadhav	Biotechnology	8108285312		5	5	TRUE	TRUE
2/7/2021 13:13:14	pooja.r.shelke16@gmail.com		Pooja Ragho Shelke	Biotechnology departmen	8652522671		5	5	TRUE	FALSE
2/7/2021 13:16:19	ramroshan958@gmail.com		Roshan Rajesh Ram	Bioanalytical sciences	7738694740		5	5	TRUE	FALSE
2/7/2021 14:00:39	ruteekd@gmail.com		Rutik Ramchandra Dhana	Bsc Biotechnology	8108429096		4	4	TRUE	FALSE
2/7/2021 13:13:07	sachu6545@gmail.com		Sachi Hemlata Bandekar	M.Sc. Bioanalytical	9967637228		4	4	TRUE	FALSE
2/7/2021 13:11:13	nivangunesakshi@gmail.com		Sakshi Nivangune	Biotechnology	9137956178		5	5	TRUE	TRUE
2/7/2021 13:10:39	sarojanighanbhadur19@gmail.com		Sarojani Sanjay Ghanbha	Biotechnology	9324219787		4	4	TRUE	TRUE
2/7/2021 13:10:10	Kamblesaurabh451@gmail.com		Saurabh kamble	Department of biotechnol	8108130162		4	4	TRUE	TRUE
2/7/2021 13:10:19	sayalimali2000@gmail.com		Sayali Mali	Department of biotechnol	8369923130		4	4	FALSE	FALSE
2/7/2021 13:50:20	msayali987@gmail.com		Sayali Pradeep More	Biotechnology	8928239950		3	3	TRUE	TRUE
2/7/2021 13:14:43	shaikhkausar2000@gmail.com		Shaikh Kausar Deen Moh	T.Y.BSc.Biotechnology	9870567232		5	4	TRUE	FALSE
2/7/2021 13:14:31	shivansapkal00050@gmail.com		Shivani Raju Sapkal	Department of biotechnol	8652651880		3	3	TRUE	TRUE
2/7/2021 13:16:12	shraddhapisal1@gmail.com		Shraddha tanaji pisal	MSc. Bioanalytical	9076064248		5	5	FALSE	TRUE
2/7/2021 13:10:33	shreepadshinde14@gmail.com		Shreepad shivram shinde	Tybsc Biotechnology	9594398513		4	4	TRUE	TRUE
2/7/2021 13:15:50	shrutikakade169@gmail.com		Shruti kakade	BSC BIOTECHNOLOGY	9930348921		5	5	TRUE	TRUE
2/7/2021 13:13:26	shrutivirkud06@gmail.com		Shruti Suresh Virkud	Biotechnology	9137955482		5	5	TRUE	TRUE
2/7/2021 13:10:38	shindesnehal2309@gmail.com		Snehal Suryakant Shinde	Bioanalytical Science	7039354048		5	5	TRUE	FALSE
2/7/2021 13:14:42	zugaresoniya@gmail.com		Soniya Laxman Zugare	Bsc Biotechnology	9867659186		5	5	FALSE	FALSE
2/7/2021 13:32:52	shettigarsudarshan10@gmail.com		Sudarshan Shettigar	Biotechnology	9619545970		4	4	TRUE	FALSE
2/7/2021 13:09:27	sushmapadalkar@gmail.com		Sushma padalkar	Bio analytical science	9372850110		5	5	TRUE	TRUE
2/7/2021 13:13:30	1271999vikas@gmail.com		Vikas Singh	Msc part 1 Bioanalytical s	7900077187		5	5	TRUE	FALSE

10 lectures were conducted	8 lectures and above Biotech	8 lectures and above BAS	
8 min lectures needed to be attended to get the certificate			
Student name	Email address	Name of the department	Lectures attended
Aakanksha Sanjay Nikam	aakankshanikam1999@gmail.com	Bioanalytical Sciences	10
Akanksha sanjay pawar	akankshasanjaypawar@gmail.com	Biotechnology	8
Akash Budhanavar	abudhanavar@gmail.com	Bioanalytical Sciences	3
Akshay Bharti	bhartiakshay1999@gmail.com	Biotechnology	9
Arti ramesh more	artimore2707@gmail.com	Bioanalytical Sciences	10
Ashish Jadhav	ashishjadhav29697@gmail.com	Biotechnology	7
ASHLESHA ANAND PAWAR	ashleshapawar923@gmail.com	Bioanalytical Sciences	6
Bhagyashree Ramchandra Pawar	bhagyashreep870@gmail.com	Biotechnology	10
Blessy abraham ravikumar vedanayagam	blessyabraham456@gmail.com	Bioanalytical Sciences	8
Chirag savita	chiragsavita7a@gmail.com	Bioanalytical Sciences	10
Dhanveen Vikram Khande	kdhanveen@gmail.com	Biotechnology	10
Divya Dilip Ekhare	ekhare.divya@gmail.com	Bioanalytical Sciences	3
Eshita Parui	eshqparui101@gmail.com	Biotechnology	10
Ganesh Mahadev Lad	ganeshlad500@gmail.com	Biotechnology	10
Hrushikesh Ramdas Dundle	hrdundle@gmail.com	Bioanalytical Sciences	10
Ishan Panhale	ishanpanhale007@gmail.com	Biotechnology	10
Jadhav Samidha Sunil	samidhadeokar2@gmail.com	Biotechnology	10
Kank sapna santosh	sapnakank99@gmail.com	Bioanalytical Sciences	5
Khan Shaista Jamal Akhtar	khanshaista7717@gmail.com	Bioanalytical Sciences	10
Manisha Ambadas Vankhede	wankhedemanisha314@gmail.com	Biotechnology	10
Manjare Chhaya Laxman	chhayasukale92@gmail.com	Bioanalytical Sciences	7
Maryam Qureshi	maryamqu786@gmail.com	Bioanalytical Sciences	4
Mayuri Jadhav	mayuri12604@gmail.com	Biotechnology	4
Megha Ravindra Dhonde	dhondemegha23@gmail.com	Biotechnology	9
Neha Zende	zendeneha19@gmail.com	Biotechnology	7
Patel Jashoda Himtaram	pateljashoda9696@gmail.com	Biotechnology	9
Pooja Jadhav	pj2640866@gmail.com	Biotechnology	8
Pooja Ragho Shelke	pooja.r.shelke16@gmail.com	Biotechnology	10
pranit deepak adagale	pranitadagale0@gmail.com	Bioanalytical Sciences	4
Pratik Sonawane kailas	pratikksoanawane.18@gmail.com	Bioanalytical Sciences	4
Ranjit more	ranjitmore2000@gmail.com	Biotechnology	7
Roshan Rajesh Ram	ramroshan958@gmail.com	Bioanalytical Sciences	8
Rutik Ramchandra Dhanawade	ruteekd@gmail.com	Biotechnology	5
Sachi Hemlata Bandekar	sachu6545@gmail.com	Bioanalytical Sciences	8
Sakshi Sunil Nivangune	nivangunesakshi@gmail.com	Biotechnology	9
Samruddhi Pote	samruddhipote123@gmail.com	Bioanalytical Sciences	2
Sarojani Sanjay Ghanbhadur	sarojanighanbhadur19@gmail.com	Biotechnology	10
Saurabh santosh kamble	kamblesaurabh451@gmail.com	Biotechnology	5
Sayali Manik Mali	sayalimali2000@gmail.com	Biotechnology	6
Sayali More	msayali987@gmail.com	Biotechnology	10
Shaikh Kausar Deen Mohammed	shaikhkausar2000@gmail.com	Biotechnology	10
Shivani Raju Sapkal	shivanisapkal00050@gmail.com	Biotechnology	10
Shraddha tanaji pisal	shraddhapisal1@gmail.com	Bioanalytical Sciences	10
Shreepad shivram shinde	shreepadshinde14@gmail.com	Biotechnology	10
Shruti Kakade	shrutikakade169@gmail.com	Biotechnology	10
Shruti Suresh Virkud	shrutivirkud06@gmail.com	Biotechnology	10
Snehal Suryakant Shinde	shindesnehal2309@gmail.com	Bioanalytical Sciences	9
Soniya Laxman Zugare	zugaresoniya@gmail.com	Biotechnology	5
Sudarshan Shettigar	shettigarsudarshan10@gmail.com	Biotechnology	10
Sushma Padalkar	sushmapadalkar@gmail.com	Bioanalytical Sciences	8
Tejasvi Ram Tarekar	kanchantarekar911@gmail.com	Bioanalytical Sciences	3
Vikas Singh	1271999vikas@gmail.com	Bioanalytical Sciences	9



