



**SATISH PRADHAN DNYANASADHANA COLLEGE, THANE**  
**(ARTS, COMMERCE AND SCIENCE)**

Reaccredited by NAAC (3rd cycle) with 'B+' Grade (CGPA-2.69)

ISO 21001:2018 Certified

**Department Of Chemistry**

Organizes

**Certificate Course**

On

**CHEMISTRY LABORATORY TECHNIQUES**



**(Click here to Register)**

**Starts From : 11/11/2022**  
**Duration 30 Hrs.**

**Venue: Chemistry Laboratory**

**Dr.S.P.Banerjee**

**Head of Department**  
**Chemistry**

**Dr.G.R.Bhagure**

**Principal**

# Satish Pradhan Dnyanasadhana College, Thane



(Arts, Science and Commerce)

Reaccredited by NAAC (3rd Cycle) with 'B+' Grade (CGPA-2.69), ISO 21001:2018

Certified

## Descriptive Report of the Activity

<b>Date: 1.12.2022</b>	<b>Revision: 01</b> <b>15..2022</b>	<b>SPDC/AC/F05</b>
<b>Name of Department:</b>	<b>Chemistry</b>	<b>Term: I / II</b>
<b>Name of the Activity:</b>	<b>CHEMISTRY LABORATORY TECHNIQUES</b>	
<b>Name of Collaborating agency/Organization:</b>		

Date :

The Department of Chemistry organized an offline Certificate course on “CHEMISTRY LABORATORY TECHNIQUES “from 11 November 2022. It was of 30 hr duration course, consisting of theory, practical and industrial visit .

The certificate course was conducted in college from 11th November 2022. The duration of the course was 30 hours. 54 students successfully completed the course with examination and certification.

Inauguration of Certificate Course began with Dnyanasadhana Geet. Chief resource person for the certificate course, Principal Dr. G. R. Bhagure delivered a motivational talk on the importance of the certificate

course on chemistry laboratory techniques along with their regular bachelor degree program, followed by Dr. Shivani Banerjee -who gave a small glimpse of the course and encouraged the students to take part in the course and complete it. The course was divided into Ten modules with theory, practical and industrial visit components .

Departmental faculties, Dr. Shivani Banerjee, Dr. Kalpana Rathod, Dr. Ganesh Bhagure, Dr. Sonali Kokane, Dr. Bhushan Langi, Ms. Farahat Khan, Ms. Sayali Kamble, Ms. Komal Sable, Ms. Saroj Joshi , Mr. Aditya Khanna Mr. Sattu Chavan Dr Rani Patil were the resource persons for the various modules of the certificate course. All the resource persons gave us a new insight on day to day laboratory practicals, hands on instruments, their calibration , basic calculations in laboratory. Many Instrumentation, Flame photometry, pH metry, Colorimetry, Conductometry, were included in the curriculum. Industrial Visit to IRMRA industry was carried out on 26 th November 2022, students got the first hand experience of working on various sophisticated instruments like GC-MC ,HPLC, TGA, SEM and XRD.

Combination of multiple-choice questions and a subjective question test of 100 marks was conducted at the end so that students can evaluate themselves. Feedback link was shared to students which gave us an insight to update and to overcome our shortcomings and head towards betterment for our next course. Indeed, the course was very participative, innovative, informative, useful and we sincerely hope that the course has motivated many participants to seek and learn laboratory techniques which they will apply

in day to day practicals and improve their hands on it. This course will help stand out their CV amongst their fellow counterparts.

# SATISH PRADHAN DNYANASADHANA COLLEGE, THANE

## CERTIFICATE COURSE

ON

### “CHEMISTRY LABORATORY TECHNIQUES”

Starts form 11/11/2022 to 25/11/2022

<b>Module</b>	<b>Topic Details</b>	<b>Date and Timing</b>	<b>Resource Person</b>
	Inauguration Of Certificate Course	11/11/2022 11 am to 11:20 am	Principle Dr. G.R.Bhagure
<b>Module 1 Theory</b>	Introduction To Chemical Analysis Types,Classifications.	11/11/2022 11:20 am to 12:00	Dr. Shivani Banerjee
	Introduction To Instrumental Analysis	16/11/2022 11:00 am to 12:00	Dr. Kalpana Rathod
<b>Module 2 Theory</b>	Chemical Stoichiometry, Chemical Calculation For Various Concentrations, Types Of Reaction And Calculations	11/11/2022 12:00 to 1:30 pm	Ms.Farahat Khan
<b>Module 3 Theory</b>	Life Skills And Laboratory Safety	14/11/2022 10:00am to 11:00am	Dr.Sonali Kokane
	Introduction To Safety,RAMP Approach Of Safety ,MSDC Safety Symbols And Terms,Fire Hazards	11:00 am to 12:00 am	Dr.Bhushan Langi
<b>Module 4 Practical</b>	1.Preparation Of Buffer Solution And Demonstration Of Buffer Action	12/11/2022 12:00 to 1:00 pm	Mr.Adity Khanna
		15/11/2022 10:00am to 12:00	Ms.Komal Sable

	2.Preparation Of Solutions Of Different Concentration Units 3.Standardization Of Commonly Used Laboratory Reagents		
<b>Module 5 Practical</b>	Calibration Of Glass Apparatus	14/11/2022 12:00 to 1:00pm	Mr.Satu Chavan
		16/11/2022 12:00 to 1:00 pm	Ms.Sayali Kamble
<b>Module 6 Practical</b>	Standardization Of Laboratory Instruments	12/11/2022 10:00am to 12:00	Dr.Rani Patil
		1 /11/2022	Ms.Saroj Joshi
<b>Module 7</b>	Industrial Visit to IRMRA thane	25/11/2022	Dr. Shivani Banerjee Dr.Sonali Kokane Ms.Sayali Kamble

**H.O.D**

Registrations

Timestamp	NAME	ROLL NO	CLASS (T.Y.B.Sc/S.Y.B.Sc)	CONTACT NO
2022/13/10 12:04:25 PM GMT+5:30	Aarti Ramchandra Harer	16	tybsc	8355892644
2022/13/10 12:04:25 PM GMT+5:31	Sanskruti khadse	22	tybsc	88798 35072
2022/13/10 12:04:25 PM GMT+5:32	Shiwani jaiswar	19	tybsc	8433582100
2022/13/10 12:04:25 PM GMT+5:33	Sahil ramesh keshiya	50	tybsc	8619142845
2022/13/10 12:04:25 PM GMT+5:34	Akshay Hiwale	46	tybsc	7506136398

2022/13/10 12:04:25 PM GMT+5:35	Siddhi Rajan Vishwakarma	38	tybsc	7678092838
2022/13/10 12:04:25 PM GMT+5:36	Gayatri Manik Andhale	2	tybsc	9326724751
2022/13/10 12:04:25 PM GMT+5:37	Sakshi Manoj Gaikwad	13	tybsc	8433565104
2022/13/10 12:04:25 PM GMT+5:38	Mrunmayi Dhage	10	tybsc	9324117458
2022/13/10 12:04:25 PM GMT+5:39	Amitesh yadav	41	tybsc	8591897602
2022/13/10 12:04:25 PM GMT+5:40	Sawant snehankita Angad	32	tybsc	9326586788
2022/11/10 12:04:25 PM GMT+5:41	Saurabh tanaji yevale	64	tybsc	9326206674
2022/12/10 12:04:25 PM GMT+5:42	PAYAL SUBHASH SARKATE	51	tybsc	7304057151
2022/11/10 12:04:25 PM GMT+5:43	Neetu Ravindra Yadav	42	tybsc	8591082234
2022/11/10 12:04:25 PM GMT+5:44	Abhishek Sunil Gupta	48	tybsc	7977082292
2022/11/10 12:04:25 PM GMT+5:45	Mrudula Milind Kadam	21	tybsc	8169744575
2022/11/10 12:04:25 PM GMT+5:46	Akash Rajesh Vishwakarma	44	tybsc	8656843008
2022/12/10 12:04:25 PM GMT+5:47	Snehal vilas waghmode	39	tybsc	7021667668
2022/11/10 12:04:25 PM GMT+5:48	Rupali arvind isamantri	17	tybsc	9321851648
2022/11/10 12:04:25 PM GMT+5:50	Sadika Shaikh	33	tybsc	8450943141
2022/13/10 12:04:25 PM GMT+5:51	Sanika Santosh Bhaud	4	tybsc	9145434363
2022/13/10 12:04:25 PM GMT+5:52	Shiva Verma	54	tybsc	8108717656

2022/13/10 12:04:25 PM GMT+5:53	Aniket Vishnu Palekar	26	tybsc	8433613672
2022/13/10 12:04:25 PM GMT+5:54	Kiran Mangesh Thakare	36	tybsc	7506381534
2022/13/10 12:04:25 PM GMT+5:55	Siddhant bachhav	3	tybsc	9324117458
2022/13/10 12:04:25 PM GMT+5:56	Prasad Hambirrao Jadhav	18	tybsc	9326119384
2022/16/10 12:04:25 PM GMT+5:57	VARDHAN PRADEEP ABGUL	1	tybsc	8425854093
2022/13/10 12:04:25 PM GMT+5:58	Damini Bhaskar Doke.	11	tybsc	8591667741
2022/13/10 12:04:25 PM GMT+5:59	Wajid	34	tybsc	8372901491
2022/13/10 12:04:25 PM GMT+5:60	Bhusare Suraj Madhukar Ranjana	5	tybsc	8591667741
2022/15/10 12:04:25 PM GMT+5:61	Chalke Amol Arun Sunanda	6	tybsc	9591082234
2022/13/10 12:04:25 PM GMT+5:62	Chavan Gauri Vijay Dipali	7	tybsc	9324117458
2022/16/10 12:04:25 PM GMT+5:63	Chavan Vishal Ramesh Sujata	8	tybsc	7324117458
2022/13/10 12:04:25 PM GMT+5:64	Chinkate Tushar Prasad Pooja	9	tybsc	8433565104
2022/13/10 12:04:25 PM GMT+5:65	Dudhgaonkar Chinmay Nandkumar	12	tybsc	9169744575
2022/13/10 12:04:25 PM GMT+5:67	Gosavi Tanmay Ganesh Anita	14	tybsc	8433565104
2022/13/10 12:04:25 PM GMT+5:68	Malik Harshada Dilip Dipa	24	tybsc	8145434363
2022/13/10 12:04:25 PM GMT+5:70	Pawar Sanjana Satish Sadhana	28	tybsc	7678092838
2022/13/10 12:04:25 PM GMT+5:71	Phondake Mital Vijay Vinaya	29	tybsc	9324117458

2022/13/10 12:04:25 PM GMT+5:72	Sarode Suraj Arun Anita	30	tybsc	9324117458
2022/13/10 12:04:25 PM GMT+5:73	Sawant Krutika Budhaji Sangita	31	tybsc	8433565104
2022/13/10 12:04:25 PM GMT+5:75	Shaikh Sadika Abdul Kalam	33	tybsc	8169744575
2022/13/10 12:04:25 PM GMT+5:76	Siddiqui Aamina Khatun Irshad	35	tybsc	8591667741
2022/13/10 12:04:25 PM GMT+5:77	Thorat Sarika Sudhir Maya	37	tybsc	7324117458
2022/13/10 12:04:25 PM GMT+5:78	Wayal Yash Vijay Sushma	40	tybsc	8324117458
2022/13/10 12:04:25 PM GMT+5:80	Vishwakarma Akash Rajesh	44	tybsc	7324117458
2022/13/10 12:04:25 PM GMT+5:81	Suthar Pallavi Danaram Sarita	45	tybsc	
2022/13/10 12:04:25 PM GMT+5:82	Hiwale Akshay Vikas Meenal	46	tybsc	
2022/13/10 12:04:25 PM GMT+5:83	Bhagat Janvi Satyawar Yogita	47	tybsc	8450943141
2022/13/10 12:04:25 PM GMT+5:84	Gupta Abhishek Sunil Sushma	48	tybsc	
2022/13/10 12:04:45 PM GMT+8:39	Jogade Ankita Chandrakant Anjali	49	tybsc	9324117458
2022/13/10 12:04:25 PM GMT+5:88	Shaikh Yasmeen Mainuddin	52	tybsc	9324117458
2022/13/10 12:04:25 PM GMT+5:89	Solanki Priyal Narpatsingh Usha	53	tybsc	8591667741

Attendance







25	25	Mandhare Shubham Shivaji Usha	Mandhar	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
26	26	Palekar Aniket Vishnu Vaishali	Palekar	Palekar	Palekar	Palekar	Palekar	Palekar	Palekar	Palekar	Palekar
27	27	Parab Gandharvi Devdatta Mangal	Parab	Parab	Parab	Parab	Parab	Parab	Parab	Parab	Parab
28	28	Pawar Sanjana Satish Sadhana	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
29	29	Phondake Mital Vijay Vinaya	Phondake	Mital	Mital	Mital	Mital	Mital	Mital	Mital	Mital
30	30	Sarode Suraj Arun Anita	Sarode	Sarode	Sarode	Sarode	Sarode	Sarode	Sarode	Sarode	Sarode
31	31	Sawant Krutika Budhaji Sangita	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant
32	32	Sawant Snehanita Angad Sunita	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant
33	33	Shaikh Sadika Abdul Kalam	Sadika	Sadika	Sadika	Sadika	Sadika	Sadika	Sadika	Sadika	Sadika
34	34	Shaikh Wajid Samad Minaz	Wajid	Wajid	Wajid	Wajid	Wajid	Wajid	Wajid	Wajid	Wajid
35	35	Siddiqui Aamina Khatun Irshad	Siddiqui	Aamina	Aamina	Aamina	Aamina	Aamina	Aamina	Aamina	Aamina
36	36	Thakare Kiran Mangesh Ester	Thakare	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
37	37	Thorat Sarika Sudhir Maya	Thorat	Sarika	Sarika	Sarika	Sarika	Sarika	Sarika	Sarika	Sarika
38	38	Vishwakarma Siddhi Rajan Lilawati	Vishwakarma	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi
39	39	Waghmode Snehal Vilas Dipali	Waghmode	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal
40	40	Wayal Yash Vijay Sushma	Wayal	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash
41	41	Yadav Amitesh Omprakash Jayadevi	Yadav	Amitesh	Amitesh	Amitesh	Amitesh	Amitesh	Amitesh	Amitesh	Amitesh
42	42	Yadav Neetu Ravindra Geeta	Yadav	Neetu	Neetu	Neetu	Neetu	Neetu	Neetu	Neetu	Neetu
43	43	Yevale Saurabh Tanaji Sunanda	Yevale	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh
44	44	Vishwakarma Akash Rajesh	Vishwakarma	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
45	45	Suthar Pallavi Danaram Sarita	Suthar	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
46	46	Hiwale Akshay Vikas Meenal	Hiwale	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
47	47	Bhagat Janvi Satyawar Yogita	Bhagat	Janvi	Janvi	Janvi	Janvi	Janvi	Janvi	Janvi	Janvi
48	48	Gupta Abhishek Sunil Sushma	Gupta	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
49	49	Jogade Ankita Chandrakant Anjali	Jogade	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
50	50	Keshiya Sahil Ramesh Asha	Keshiya	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil
51	51	Sarkate Payal Subhash Vandana	Sarkate	Payal	Payal	Payal	Payal	Payal	Payal	Payal	Payal
52	52	Shaikh Yasmeen Mainuddin	Shaikh	Yasmeen	Yasmeen	Yasmeen	Yasmeen	Yasmeen	Yasmeen	Yasmeen	Yasmeen
53	53	Solanki Priyal Narpatsingh Usha	Solanki	Priyal	Priyal	Priyal	Priyal	Priyal	Priyal	Priyal	Priyal
54	54	Verma Shiva Ramnath Urmila	Verma	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva	Shiva

Results

## Satish Pradhan Dnyanasadhana College, Thane

(Arts, Science and Commerce)

Re-Accredited "B+" Grade (CGPA 2.69) by NAAC, ISO 21001:2018 (Certified)

Affiliated To University of Mumbai

Attendance for Certificate course on 'Chemistry Laboratory Techniques' 2022-23

### RESULTS

Sr.NO	Roll No	Name of Students	THEORY 50 MARKS	PRACTICAL 50 MARKS	TOTAL 100 MARKS	GRA
1	1	Abgul Vardhan Pradeep Anjali	25	25	50	B
2	2	Andhale Gayatri Manik Meerabai	36	45	81	O
3	3	Bachhav Siddhant Prakash Kiran	32	30	62	A
4	4	Bhaud Sanika Santosh Samiksha	17	35	52	B
5	5	Bhusare Suraj Madhukar Ranjana	21	40	61	A

6	6	Chalke Amol Arun Sunanda	34	45	79	O
7	7	Chavan Gauri Vijay Dipali	42	45	87	O
8	8	Chavan Vishal Ramesh Sujata	22	45	67	A
9	9	Chinkate Tushar Prasad Pooja	25	30	55	B
10	10	Dhage Mrunmayi Somnath Pranita	31	30	61	A
11	11	Doke Damini Bhaskar Manisha	39	45	84	O
12	12	Dudhgaonkar Chinmay Nandkumar	28	35	63	A
13	13	Gaikwad Sakshi Manoj Aparna	36	45	81	O
14	14	Gosavi Tanmay Ganesh Anita	35	45	80	O
15	15	Gupta Soni Santosh Kumar	24	36	60	A
16	16	Harer Aarti Ramchandra Ashvini	28	42	70	A
17	17	Isamantri Rupali Arvind Yallubai	25	35	55	B
18	18	Jadhav Prasad Hambirrao Vijaya	21	45	66	A
19	19	Jaiswar Shiwani Baburam Seema	23	37	60	A
20	20	Kadam Aniket Datta Sanjana	29	20	49	C
21	21	Kadam Mrudula Milind Mansi	26	40	66	A
22	22	Khadse Sanskruti Suresh Shubhangi	22	35	57	B
23	23	Korde Nirvighna Satyawar	20	35	55	B
24	24	Malik Harshada Dilip Dipa	20	33	53	B
25	25	Mandhare Shubham Shivaji Usha	20	29	49	C
26	26	Palekar Aniket Vishnu Vaishali	29	35	64	A
27	27	Parab Gandharvi Devdatta Mangal	32	43	75	o
28	28	Pawar Sanjana Satish Sadhana	21	30	51	B
29	29	Phondake Mital Vijay Vinaya	23	37	60	A
30	30	Sarode Suraj Arun Anita	30	40	70	A
31	31	Sawant Krutika Budhaji Sangita	25	35	55	B
32	32	Sawant Snehanita Angad Sunita	23	47	70	A
33	33	Shaikh Sadika Abdul Kalam	20	35	55	B
34	34	Shaikh Wajid Samad Minaz	21	40	61	A
35	35	Siddiqui Aamina Khatun Irshad	33	46	79	O
36	36	Thakare Kiran Mangesh Ester	42	45	87	O

37	37	Thorat Sarika Sudhir Maya	22	45	67	A
38	38	Vishwakarma Siddhi Rajan Lilawati	20	29	49	C
39	39	Waghmode Snehal Vilas Dipali	29	35	64	A
40	40	Wayal Yash Vijay Sushma	32	43	75	O
41	41	Yadav Amitesh Omprakash Jayadevi	21	30	51	B
42	42	Yadav Neetu Ravindra Geeta	25	24	49	C
43	43	Yevale Saurabh Tanaji Sunanda	25	25	50	B
44	44	Vishwakarma Akash Rajesh	36	45	81	O
45	45	Suthar Pallavi Danaram Sarita	32	30	62	A
46	46	Hiwale Akshay Vikas Meenal	20	38	58	B
47	47	Bhagat Janvi Satyawar Yogita	21	40	61	A
48	48	Gupta Abhishek Sunil Sushma	25	25	50	B
49	49	Jogade Ankita Chandrakant Anjali	26	40	66	A
50	50	Keshiya Sahil Ramesh Asha	22	35	57	B
51	51	Sarkate Payal Subhash Vandana	20	35	55	B
52	52	Shaikh Yasmeen Mainuddin	20	35	55	B
53	53	Solanki Priyal Narpatsingh Usha	20	29	49	C
54	54	Verma Shiva Ramnath Urmila	26	40	66	A

75 Onwards    **0 GRADE**  
60 -74        **A GRADE**  
50-59        **B GRADE**  
40-49        **C GRADE**

**MARKS ANALYSIS**

GRADE	Total no of student
<b>O</b>	<b>11</b>
<b>A</b>	<b>21</b>
<b>B</b>	<b>17</b>
<b>C</b>	<b>5</b>

HOD

Photos





