Department of Chemistry Presents

Certificate Course in Quality Control and Instrumentation

Academic Year: 2022-23

Certificate course in Quality Control and Instrumentation

Duration: 53 hours

Features of the course:

- Specially designed to give hands on training of sophisticated instruments used in industries
- Delivered by experts from the industry and experience faculties.
- Covered various processes used in quality control lab of pharmaceutical industries.

Objective:

- To learn various processes and terminology used in QC lab of pharmaceutical industries.
- To learn fundamental principle, theories of various sophisticated instruments.
- To develop skills of handling various analytical instruments.
- To understand the basic calculations required in instrumental operation and preparation of solutions.
- To explore proper record keeping in laboratory.

Eligibility:

Pass B.Sc. Chemistry

Certificate Course in Quality Control and Instrumentation Report 2022-2023

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Notice for students

Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce & M. H. Mehta Science College, Palghar, Dist: Palghar

ACADEMIC YEAR 2022-23

Date: 7/09/2022

NOTICE

All the M.Sc. I students are hereby informed that their Certificate Course in Quality Control and Instrumentation will be conducted from 16th September, 2022 as per the timetable shared along with this notice.

Dr. Suhas Janwadkar

Head ,Department of Chemistry

Brochure







A

Department of Chemistry organise
Certificate Course

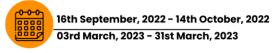


QUALITY CONTROL AND INSTRUMENTATION





FREE FOR CHEMISTRY STUDENTS



More Information:

Dr. Dilip Yadav 9209697523 Asst. Prof. Siddhi Mhatre 8007697339

Syllabus

1. Theoretical Part

Sr.	Content	Hours
No.		required
1	Good Laboratory Practices	1
2	Safety Precautions	1
3	Good Documentation Practices	1
4	Chemical Calculations	2
5	Introduction to pharmacopeia	1
	Total	6

2. Practical Part

A. Instrumentation

Sr.	Content	Hours
No.		required
1	Gas Chromatography	21
2	High Performance Chromatography	18
3	UV-Visible Spectroscopy	3
		42
	Total	

B. Wet Chemistry

Sr. No.	Content	Hours required
1	Solubility	1
2	Preparation of Volumetric Solutions	2
4	Specific gravity	2
	Total	5

Enrolment list

Sr.	Student Name	
No.		
1	SREE LAKSHMI BABY RAJAN	
2	AHIRE BHARGAVEE CHHAGANLAL	
3	AHIRRAO DEWANG RAJENDRA	
4	BARI PRATIK DINESH	
5	BARI TRUSHNA RAVINDRA	
6	BHOYE PRANALI MADHUKAR	
7	BOHERE CHAITANYA RAJARAM	
8	CHANDVADE AKASH MOTIRAM	
9	CHAUDHARI HARDIK BHUPENDRA	
10	CHAUDHARI HARSH KETAN	
11	CHAUHAN PANKAJ MANOJ	
12	CHAVAN GAURAV RAMESH	
13	CHURI KSHITIJA JAGDISH	
14	CHURI SRUSHTI NILESH	
15	DALVI RAHUL MAHADEV	
16	DHADGA SACHIN LAHANU	
17	DHANGADA KAVITA NATHURAM	
18	DIGHE AKANKSHA GOPAL	
19	GAVANDHA DEEPALI SITARAM	
20	GHARAT DISHA VASANT	
21	GHARAT SUNNY ARVIND	
22	GHORKHANA CHETAN JAYRAM	-
23	GORHEKAR DHANESH SANDIP	
24	GOUD KALPANA DILIP	
25	GUJAR RUTIK RAVINDRA	
26	JANATHE JAYASWI LAXMAN	
27	JONDHALEKAR AKSHIT JITENDRA	
279.70	AHIRI	
29	KADU ROSHANI NARESH	
30	KADU SHRUTI VISHNU	
31	KATELA ANIKET RAMESH	
32	KEKATE MAKARAND MANOHAR	
33	KHARPADYA NILIMA MOHAN	
	KINI SAYALI SUDESH	
	KUSHWAHA ANJALI SHYAMSUNDAR	
	MACHHI MANOJ GANESH	
37	MADHA SAPNA SURESH	THE RES

38	MAHALA KAILAS RAMU
39	MANGE DEVIKA MALLINATH
40	MASARE ANUJA POPAT
41	MAULE DHANASHREE PRAKASH
42	MEHER SAKSHI DUSHYANT
43	MORE AMAN EKNATH
44	MOTHE AISHWARYA KISHOR
45	MUDALIAR DIKSHA CHANDRAKANT
46	PAL ANKITA RAMJEET
47	PANERE MANASVI PRABHAKAR
48	PANERE PRACHITI BALVANT
49	PARDHI RAHUL SUKAR
50	PATEL PRAGATI KANTILAL
51	PATIL APEKSHA SANTOSH
52	PATIL DIVYA MANGESH
53	PATIL DIVYATA TUKARAM
54	PATIL HRUSHIKESH RAMKRISHNA
55	PATIL KAUSTUBH PRAKASH
56	PATIL SALONI HEMANT
57	SAYALI ANKUSH PATIL
58	PATIL VAISHNAVI VIVEK
59	PAWADE SEJAL HARISHCHANDRA
60	POTINDA SHUBHANGI BHARAT
61	RAI PRIYANKA YADUNATH
62	RANDHE VIKRAM RAJESH
63	RASHIWADE MONIKA VIKAS
64	RATHOD DISHABEN VIJAYSINH
65	RATHOD HONEY MITHALAL
66	RAUT HRUTIK RAMAN
67	RAUTE ANJALI D
68	SAGANE VIRAJ SHANKAR
69	SATDIVE PIYUSH ARUN
70	SHAH GULAMNABI RIYASAT
71	SHAIKH NAMIRA AMIN
72	SHEDGE TEJASVI SURYAKANT
73	SINGH ATUL RAJESH
74	SINGH PRIYA JAYPRAKASH
75	SINGH ROHIT KUMAR BASHISTH
76	SINGH VISHWAJEET KUMAR OMPRAKASH
77	TAMORE RHUTIKA GAJANAN

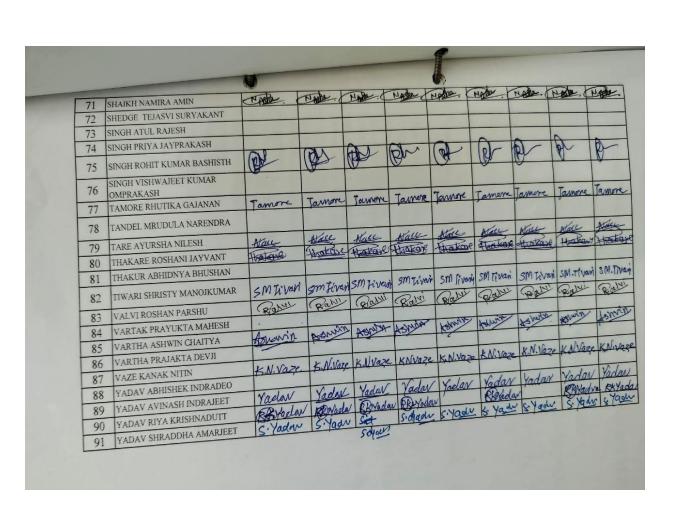
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79	TARE AYURSHA NILESH	
30	THAKARE ROSHANI JAYVANT	
31	THAKUR ABHIDNYA BHUSHAN	
32	TIWARI SHRISTY MANOJKUMAR	
83	VALVI ROSHAN PARSHU	
84	VARTAK PRAYUKTA MAHESH	
85	VARTHA ASHWIN CHAITYA	
86	VARTHA PRAJAKTA DEVJI	14-14-11-16
87	VAZE KANAK NITIN	
88	YADAV ABHISHEK INDRADEO	
89	YADAV AVINASH INDRAJEET	
90	YADAV RIYA KRISHNADUTT	
91	YADAV SHRADDHA AMARJEET	
92	YADAV VIVEK SABHARAJ	

Student Attendance List

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Feedback Form

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		Sonopant Dandekar Arts, Science	V.S. Apte e College			M.H.Mehta	a
ı		Internal Q	uality As	surance	Cell		
a		Feedback Form on Cer		ourse fo		duate in	
ı		Name: Pratik Bari					
ı		Class: M.Sc.I					
		Roll No.: 304	*				
ı	Sr.No.	Parameters	Strongly. Agree	Agree	Neutral	Disagree	Strongly Disagree
		After completing this course, my knowledge in the topic has increased.	·A:				
2	2	This course increased my interest in chemistry related topics.	ti: (
	3	The teacher communicated clearly and effectively					
	4	The teacher encouraged feedback, class participation and interaction	1				
	5	The course started and ended on schedule	gly [6]				
	6 Course objectives were clearly presented		7				
	7	Course material was well prepared	× 11:				
	8	The course developed my understanding of concepts and principles					
						Lature of stud	dent
			35 1				
			-				

Sonopant Dandekar Arts, V.S. Apte Commerce and M.H.Mehta N Science College, Palghar Internal Quality Assurance Cell Feedback Form on Certificate Course for Postgraduate in Chemistry Name: Akansha Dighe Class: M.Sc. 14/10/2021 Roll No .: _ Sr.No. Strongly Parameters Agree Neutral Disagree Strongly Disagree Agree 1 After completing this course, my knowledge in the topic has increased. 2 This course increased my interest in chemistry related topics. 3 The teacher communicated clearly and effectively 4 The teacher encouraged feedback, class participation and interaction 5 The course started and ended on schedule 6 Course objectives were clearly presented 7 Course material was well prepared 8 The course developed my understanding of concepts and principles Dight Signature of student 雪哥 :X:

Photograph



Certificate

SONOPANT DANDEKAR SHIKSHAN MANDALI'S

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mr. DALAVI RAHUL MAHADEV

for successfully completed

Certificate course Quality Control and Instrumentation

Head IQAC
Department of Chemistry Co-ordinator

DATE: 13/07/2023

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SONOPANT DANDEKAR SHIKSHAN MANDALI'S

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mr. SINGH ROHITKUMAR B.

for successfully completed

Certificate course Quality Control and Instrumentation

Head
Department of Chemistry

IQAC Co-ordinator

POT PULDURA POT PU

Sesepant Dandekar Arts Uples V.S. Ayte Commerce College & M.H. Mehla Science College PALGHAR (W.R.) Dist. Palghar, Pin. 491404

SONOPANT DANDEKAR SHIKSHAN MANDALI'S

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Mr. GHARAT SUNNY A.

for successfully completed

Certificate course Quality Control and Instrumentation

Town Or Head

Department of Chemistry

IQAC

Co-ordinator

DATE: 13/07/2023

Report

Certificate Course in Quality Control and Instrumentation was conducted for the students of M.Sc. Students were trained for basic handling of apparatus, chemical calculations, preparation of standard solutions.

A certificate course in Quality Control and Instrumentation provides several benefits to learners. It enhances their skills and knowledge in the field of chemistry.

The course helps to develop a solid understanding of various analytical techniques and methods used in the laboratory and theoretical concepts. Learners gain hands-on experience in using instruments and correct way to handle apparatus.

A certificate in this course adds an advantage to learner's resume. Various sophisticated instruments are widely used in industries, acquiring skills in this area can makes the learner highly relevant and valuable in these sectors, as they can immensely contribute to various areas in the industry.

Batch I

Course Commencement: 16/09/2022

Course Completion: 14/10/2022

Number of students enrolled for the course: 46

Number of students completed the course: 46

Duration of the course: 53 hours

Batch II

Course Commencement: 03/03/2023

Course Completion: 31/03/2023

Number of students enrolled for the course: 44

Number of students completed the course: 44

Duration of the course: 53 hour.

Jank

Dr. Suhas Janwalkar

Head (Dept. of Chemistry)