Department of Chemistry Presents Certificate Course in Advance Instrumental Analysis

Academic Year: 2022-23

Certificate course in Advance Instrumental Analysis

Duration: 48 hours

<u>Aim:</u> To study the advance instrumental analysis.

Features of the course:

- Specially designed to give hands on training.
- Customized for the industry.
- Delivered by faculty members of chemistry departments and as well as experts from the industry.

Objectives:

- To acquire knowledge about advance instrumentation.
- To acquire the skills required in industries.
- To develop skills of handling various analytical instruments.

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Eligibility:

Any science students having chemistry as a subject.

Mode of Examination:

Theory: Assignment will be provided.

Practical: Practical exam will be based on experiment performed during the course.

Certificate Course in Advance Instrumental Analysis

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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: 29/10/2022

NOTICE

All the **T. Y. B. Sc.** students are hereby informed that their **Certificate**Course in **Advance Instrumental Analysis** will be conducted from 9th November,

2022 as per the timetable shared along with this notice.

Dr. Suhas Janwadkar

Head ,Department of Chemistry

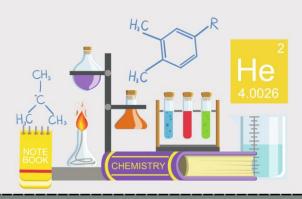
Brochure



Certificate Course on Advance Instrumental Analysis

Department of Chemistry

Batch I: 04-11-2022 to 31-12-2022 Batch II: 05-05-2022 to 20-06-2022



FOR MORE DETAILS CONTACT

Dr. Dilip Yadav 9209697523

Syllabus

	Content	Theoretical	Practical	Duration
1	Chemical Calculation	Interconversions of one unit to other Plotting of Graphs	Problem solving based on theoretical concepts.	4 hours
2	Potentiometer	Role of potentiometry in the estimation of drug	1.Estimation of diclofenac sodium by potentiometrically using non-aqueous medium. 2.Determination of ketoconazole by potentiometrically using non-aqueous medium.	4 hours
3	Colorimeter	Study of calibration curve Study of determination various content in the blood	Estimation of cholesterol and uric acid.	4 hours
4	Spectrophotometer	Study of calibration curve and standard addition method	Spectrophotometric determination of iron on vitamin tablet	5 hours
5	Non-aqueous titration	Theory Role of Non aqueous in determination of various drugs. Indicators	Estimation of drug by non-aqueous titration.	4 hours
6	Moisture determination	Principle Block diagram Instrumentation Working	Estimation of moisture content in a drug by Karl Fischer apparatus.	5 hours
7	Organic synthesis and Chromatographic techniques	Planning of organic synthesis and its determination of its percentage purity	Synthesis of paracetamol Drug. To find out its purity percentage of paracetamol Drug Preparation of TLC and Column Chromatography	10 hours
8	Analysis of Drug by back titration	Types of titrations Principle behind back titration	Determination of Aspirin using Back Titration	4 hours

9	Acid-Base Titration	Types of titrations	Analysis of	4 hours
	Redox titration	Theory behind	detergent.	
		acidity, alkalinity,		
		oxygen releasing		
		capacity		
10	Spectral Analysis	Basic concepts	Problem solving	4 hours
		and interpretation	based on theoretical	
		of spectral data	concepts	
	Total Duration:			48 hours

Enrolment List

SR. NO	ROLL NO	NAME OF THE STUDENT	SUBJECT
1	2601	PANDYA DHAVAL PANKAJ	CHEMISTRY
2	2602	PATIL TANMAY ANIL	CHEMISTRY
3	2603	KUDU YASH SUNIL	CHEMISTRY
4	2604	THAKUR ISHA GIRISH	CHEMISTRY
5	2605	JADHAV JANHAVI HARESHWAR	CHEMISTRY
6	2606	THAKUR RAVINDRAKUMAR RAMBABU	CHEMISTRY
7	2607	KAWAR ANIKET MADHUKAR	CHEMISTRY
8	2608	CHOTHANI BHAVIN RATILAL	CHEMISTRY
9	2609	MHATRE UTKARSHA KIRAN	CHEMISTRY
10	2613	RAUT ADITYA SUBHASH	CHEMISTRY
11	2614	RAJPUT SUNDAR NAVALSINGH	CHEMISTRY
12	2615	JADHAV DISHA UMESH	CHEMISTRY
13	2616	MEHER BHAKTI RAJESH	CHEMISTRY
14	2617	RANE VEDANTI MAHESH	CHEMISTRY
15	2618	SANKHE VAISHNAVI ARUN	CHEMISTRY
16	2619	PATIL SWAGAT NIVAS	CHEMISTRY
17	2620	MORE MANASI DIPAK	CHEMISTRY
18	2621	SUTAR ROHAN MARUTI	CHEMISTRY
19	2622	MORE TEJASVI ANIL	CHEMISTRY
20	2623	MORE SAI SUNIL	CHEMISTRY
21	2624	VAZE NITESH RAMAKANT	CHEMISTRY
22	2625	PATIL YAMINI PANDHARI	CHEMISTRY
23	2626	TARE SAYALI DEEPAK	CHEMISTRY
24	2627	PATIL ABHAYA MANOHAR	CHEMISTRY
25	2628	BHOIR SHRADDHA RAJENDRA	CHEMISTRY
26	2629	MISHRA MADHUKUMARI UPENDRA	CHEMISTRY
27	2630	MAURYA KAMLA CHUNNALAL	CHEMISTRY
28	2631	GHARAT MANASHRI MADHUSUDAN	CHEMISTRY
29	2632	YADAV AVINASH KASHINATH	CHEMISTRY
30	2633	GHARAT SARANGEE SURESH	CHEMISTRY
31	2634	RAUT KEVAL GANESH	CHEMISTRY
32	2635	CHURI DISHANK VIDHYADHAR	CHEMISTRY

33	2636	TELI SHWETA JAYRAM	CHEMISTRY
34	2637	WAGLODE NIMESH JANA	CHEMISTRY
35	2638	SALINS SUNNYKUMAR SAMUEL	CHEMISTRY
36	2639	PAWADE SHREYA KISHOR	CHEMISTRY
37	2640	GUPTA VISHAL BIHARI PRASAD	CHEMISTRY
38	2641	PATIL SUJAL VISHWAS	CHEMISTRY
39	2642	KORE TANVI SANJAY	CHEMISTRY
40	2643	PATIL SAMRUDDHI VINOD	CHEMISTRY
41	2644	SAKPAL HARSHADA BHIVAJI	CHEMISTRY
42	2645	PATRO POOJARANI RAVINARAYAN	CHEMISTRY
43	2646	BARI KRUTIKA KAMALAKAR	CHEMISTRY
44	2647	LOKHANDE JEET KAMALAKAR	CHEMISTRY
45	2650	TAMORE KAJAL MUKESH	CHEMISTRY
46	2651	WADE PRIYA SURESH	CHEMISTRY
47	2652	SINGH SHREYA SANJAY	CHEMISTRY
48	2653	RAUT JIGNYASA AVINASH	CHEMISTRY
49	2655	YADAV POONAM DHARAMRAJ	CHEMISTRY
50	2656	YADAV AJAY RAJESHKUMAR	CHEMISTRY
51	2657	YADAV RUCHI ANIL	CHEMISTRY
52	2658	CHAUHAN SUMAN SANJAY	CHEMISTRY
53	2659	RAUT VIPUL NANDKUMAR	CHEMISTRY
54	2660	TANDEL NISHA SUNIL	CHEMISTRY
55	2661	SANE TEJANGI SURENDRA	CHEMISTRY
56	2662	PAWAR RAHUL SHATTAPPA	CHEMISTRY
57	2664	DHANAWADE PAWAN SANTOSH	CHEMISTRY
58	2666	INGOLE ANIKET ASHOK	CHEMISTRY
59	2667	MEDHE PALLAVI RAJENDRA	CHEMISTRY
60	2668	WADE PRATHAM UMESH	CHEMISTRY
61	2669	RATHOD SHUBHAM KALURAM	CHEMISTRY
62	2670	GHARAT ATHARVA NITESH	CHEMISTRY
63	2672	THAKUR SANSKRUTI MAHENDRA	CHEMISTRY
64	2674	SAINI DIYA PRADEEP	CHEMISTRY
65	2680	JADHAV ISHA KETAN	CHEMISTRY
66	2682	MAURYA AMITKUMAR SHIVNANDAN	CHEMISTRY
67	2684	VISHWAKARMA ANIKET JAYPRAKASH	CHEMISTRY

68	2685	SINGH KUNAL PREMPAL	CHEMISTRY
69	2686	PRAJAPATI VIKRAM NAGESHWAR	CHEMISTRY
70	2687	SINGH AADARSH AMIT	CHEMISTRY
71	2688	SATAVI ASHWINI VIJAY	CHEMISTRY
72	2689	VISHWAKARMA ANTIKA SATISH	CHEMISTRY
73	2690	MEHTA SUSHMITA ARJUN	CHEMISTRY
74	2693	GURAV AKSHATA HARI	CHEMISTRY
75	2694	PANDEY ROSHNI SANJAY	CHEMISTRY
76	2702	GUNJKAR TEJASWINI NAMDEV	CHEMISTRY
77	26001	SAWANT DHANASHREE MACHHINDRA	CHEMISTRY
78	26002	RAUT SHRADDHA VINOD	CHEMISTRY
79	26003	SAWANT BHAGYASHREE MACHHINDRA	CHEMISTRY
80	26004	BHOIR SAKSHI MANISH	CHEMISTRY
81	26005	DHOTRE SHEETAL RAMESH	CHEMISTRY
82	26007	NANGARE ROHIT SHAILESH	CHEMISTRY
83	26010	SINGH PRIYANKA UDAY	CHEMISTRY
84	26011	VARMA RADHIKA MUNDRIKA	CHEMISTRY
85	26012	GAVAND OMKAR CHANDRAKANT	CHEMISTRY
86	26013	JADHAV AVISHKAR BABAN	CHEMISTRY
87	26014	VERMA SURAJKUMAR RAMSAJEEVAN	CHEMISTRY
88	26015	BHOSLE RAJIV GANESH	CHEMISTRY
89	26016	PATIL PARTH SANDEEP	CHEMISTRY
90	26017	GHODA ROHIT SHANKAR	CHEMISTRY
91	26018	KOLI YASH SHARAD	CHEMISTRY
92	26019	BHOSLE RAJ GANESH	CHEMISTRY
93	26020	GUPTA PRITESH SANJAY	CHEMISTRY
94	26021	BHOR RUTUJA RAMNATH	CHEMISTRY
95	26022	YADAV POOJA PREMCHAND	CHEMISTRY
96	26023	KATKAR PALLAVI HARISH	CHEMISTRY
97	26024	THAKUR DIVESH BABURAO	CHEMISTRY
98	26025	BAMBARE TANMAY KASHINATH	CHEMISTRY
99	26026	PATIL GAURI RAVIKANT	CHEMISTRY
100	26027	BHOSALE PALLAVI SANJAY	CHEMISTRY
101	26028	TIWARI OMKAR NARENDRA	CHEMISTRY
102	26029	SAKPAL HARSH BALASAHEB	CHEMISTRY
103	26030	SANKHE HARDIK RAVINDRA	CHEMISTRY
104	26031	ANUGADE SRUSHTI CHANDRAKANT	CHEMISTRY
105	26032	BHOIR YASH YATIN	CHEMISTRY
106	26033	DHANU YASH PRASHANT	CHEMISTRY
107	26034	GAWAD SHREYA AJAY	CHEMISTRY
108	26035	BOCHARE HITESH DHANAJI	CHEMISTRY
109	26036	GHARAT HASYA SUBODH	CHEMISTRY
110	26037	PIMPLE SANIDHYA VIKAS	CHEMISTRY
111	26038	BARAL ARPITA PRATAP	CHEMISTRY

112	26039	KADAM SAHIL VITTHAL	CHEMISTRY
113	26040	RAUT BHAKTI MANGESH	CHEMISTRY
113	26040	THAKARE MANGESH ARVINDA	CHEMISTRY
114	26041	DASHWANT SHIVANI PRAFUL	CHEMISTRY
116	26042	THAKUR PRERANA SHYAMKUMAR	CHEMISTRY
116	26044	GOND AJIT RISHIMUNI	CHEMISTRY
	26044	SINGH SNEHA ALOK	CHEMISTRY
118	26045	KASAR SAKSHI DHANRAJ	CHEMISTRY
119	26046	VISHWAKARMA PANKAJ RAJESH	CHEMISTRY
120	26047	SINGH HRITIK DHIRENDRA	CHEMISTRY
121		SAWANT KOMAL DEEPAK	CHEMISTRY
122	26050		CHEMISTRY
123	26051	ZAGADE TRUPTI ANIL	CHEMISTRY
124	26052	PATIL SIDDHESH PRABHAKAR	CHEMISTRY
125	26053	YADAV MANISH RAJLAL	CHEMISTRY
126	26054	CHAUDHARI PRATHAM AJURAJ	CHEMISTRY
127	26055	SHELAR SAPANA DILIP	CHEMISTRY
128	26056	DEVKAR AMIT SANTOSH	CHEMISTRY
129	26058	CHAMARE JAY CHANDRAKANT	CHEMISTRY
130	26059	LILAKA PRANAY DILIP	CHEMISTRY
131	26060	PATIL BHARGAV KISHOR	CHEMISTRY
132	26061	SINGH PARAMHANS SUNIL	CHEMISTRY
133	26062	PATIL SAKSHI VISHWAS	CHEMISTRY
134	26063	PATIL ASHWINI KAUTIK	CHEMISTRY
135	26064	MARATHE RAHUL VIDHOBA	CHEMISTRY
136	26065	JADHAV PRASAD SHRIMANT	CHEMISTRY
137	26066	SHAIKH FAIZAL SAJID	CHEMISTRY
138	26067	DENGANE KALYANI KASHINATH	CHEMISTRY
139	26068	ATKARI NITISH RAVINDRA	CHEMISTRY
140	26069 26070	PATEL KRISH ASHOK	CHEMISTRY
141	26070	SINGH ABHAY ANIRUDHA	CHEMISTRY
142	26071	TRIVEDI ANAND ANIL	CHEMISTRY
143	26072	PATIL DARSHAN PRAKASH	CHEMISTRY
144	26073	DUBEY ANJALI RAMESH	CHEMISTRY
145	26074	KHAN AFROZ SHARIF	CHEMISTRY
147	26076	BHAGAT MOHIT MANOJ	CHEMISTRY
147	26077	MEHER YASH VIKAS	CHEMISTRY
148	26077	GAWAD GAURAV NARENDRA	CHEMISTRY
150	26079	PATIL VEDIKA SHASHIKANT	CHEMISTRY
151	26080	RAUT TANVI SUNIL	CHEMISTRY
152	26080	PATIL RUTUJA SANJEEV	CHEMISTRY
153	26082	KHADKA NISHA RAMBAHADUR	CHEMISTRY
154	26083	KINI CHIRAG SUBHASH	CHEMISTRY
155	26084	WADE SAHIL NARENDRA	CHEMISTRY
156	26085	CHAUHAN RAHUL PANCHAM	CHEMISTRY
157	26086	KUSHWAHA NANDINI ASHOK	CHEMISTRY
158	26087	PATIL ABHISHEK RAGHUNATH	CHEMISTRY
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159	26088	KARAMBALE SONALI RAVINDRA	CHEMISTRY
160	26089	PATIL HITESH GANESH	CHEMISTRY
161	26090	SHETE AVANTIKA ATMARAM	CHEMISTRY
162	26091	AASABE AAKASH DATTATRAY	CHEMISTRY
	26092	BAGUL NEHA DATTATRAY	CHEMISTRY
163	26093	JADHAV YASH PRAMOD	CHEMISTRY
164	26094	NAIK ISHIKA GANESH	CHEMISTRY
165		PATIL SARVESH MANGESH	CHEMISTRY
166	26096	MANE SAKSHI BHAUSAHEB	CHEMISTRY
167	26097	PRASAD PRITI KUMARI RAMEKBAL	CHEMISTRY
168	26098		CHEMISTRY
169	26099	YADAV KALPANA GOVIND	CHEMISTRY
170	26100	MACHHI RASHI HEMANT	CHEMISTRY
171	26102	BHOYE ADITYA DILIP	CHEMISTRY
172	26103	PATIL SAKSHI PRAKASH	CHEMISTRY
173	26104	KASAR PRAJAKTA SANJAY	CHEMISTRY
174	26105	DIWAKAR SANJOG SHIVSHING	CHEMISTRY
175	26106	AHADA HARSHITA MANOHARSINGH	
176	26107	MEDHA ANJALI NAVASHYA	CHEMISTRY
177	26108	JADHAV SWAPNIL BANDU	CHEMISTRY
178	26110	SINGH SHIVAM SANJAY	CHEMISTRY
179	26112	ACHARYA AISHWARYA RAMESH	CHEMISTRY
180	26113	SHARMA NIRANJAN KAMAKHYA	CHEMISTRY
181	26114	HARKE SHEVANTI YASHWANT	CHEMISTRY
182	26115	PRAJAPATI NEHA SHESHNATH	CHEMISTRY
183	26116	TIWARI SURAJ RAMSAJIVAN	CHEMISTRY
184	26117	JHA JITENDRA PAWAN	CHEMISTRY
185	26118	YADAV AWNEESH SANTOSH	CHEMISTRY
186	26119	LENKA SUBENDU SARVESHWAR	CHEMISTRY
187	26120	MAHATO RAKESHKUMAR YOGENDRA	CHEMISTRY
188	26121	SINGH AKASH CHANDAN	CHEMISTRY
189	26122	RAJVANSHI ROHIT KRISHNA	CHEMISTRY
190	26123	BHUTKADE ADITYA VILAS	CHEMISTRY
191	26124	DIXIT LAVANYA RAJENDRA	CHEMISTRY
192	26125	MANIYAR MISBAH MOHAMMED FAHIM	CHEMISTRY
193	26126	PRASAD BALMIKI DHARMENDRA	CHEMISTRY
194	26127	GAUD KHUSHI RAKESH	CHEMISTRY
195	26128	GUPTA PRANITA SARNATH	CHEMISTRY
196	26129	CHAUHAN KHUSHBOO HANSRAJ	CHEMISTRY
197	26130	DIVA YOGESH MADHUKAR	CHEMISTRY
198	26131	JAISWAR NEETU SHOBHNATH	CHEMISTRY
199	26132	PATIL APURVA SANDIP	CHEMISTRY
200	26133	TALHA RAHUL NARENDRA	CHEMISTRY
201	26134	DHAK ROHIT SHARAD	CHEMISTRY
202	26135	THAKUR VIGHNESH MANGESH	CHEMISTRY
203	26136	PRASAD POOJA MANOJ	CHEMISTRY
204	26138	TANDEL PRATHAMESH ANIL	CHEMISTRY
205	26139	PAL PRAGATI RAJENDRA	Terremoter

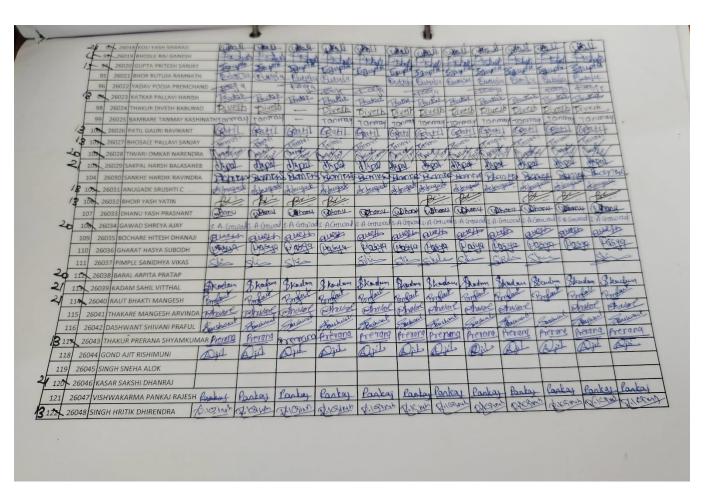
206	26141	TIWARI SHRUTI MANOJ	CHEMISTRY
207	26142	PATIL SAIYAMI PRAKASH	CHEMISTRY
208	26143	SHARMA KARISHMA SAMARJEET	CHEMISTRY
209	26146	DHODI BRIJESH MUKESH	CHEMISTRY
210	26147	SHIVADE YASH DEEPAK	CHEMISTRY
	26148	VADHAN RUPESH LADAKA	CHEMISTRY
211	26149	BETHEKAR DEVRAJ ZINGA	CHEMISTRY
212		MACHHI SUSHIL VASANT	CHEMISTRY
213	26150	VARTHA SAHIL BALU	CHEMISTRY
214	26151	YADAV POOJA KUMARI RAMSUDHARSINGH	
215	26153		CHEMISTRY
216	26159	KINI DISHA NAVNATH	CHEMISTRY
217	26160	KHATRI NIKITA BHAIRULAL	CHEMISTRY
218	26161	TUMBADA ROHAN SUNIL	CHEMISTRY
219	26164	VANSE NACHIKET GOPINATH	CHEMISTRY
220	26165	SINGH AMAN MANOJ	CHEMISTRY
221	26167	PRASAD SURAJ NAGINA	CHEMISTRY
222	26169	TAMORE BHAVIK SANTOSH	CHEMISTRY
223	26171	LOTE VIRAJ VINOD	CHEMISTRY
224	26173	YADAV ABHISHEK HARIVANSH	CHEMISTRY
225	26174	VALMIKI AKASH KUWARPAL	CHEMISTRY
226	26175	TIWARI NANDLAL SURESH	CHEMISTRY
227	26178	PATIL VAIDAHI VISHWAS	CHEMISTRY
228	26180	BARI RADHIKA MORESHWAR	CHEMISTRY
229	26181	BARI MIHIR RAJESH	CHEMISTRY
230	26183	CHAUDHARI RIZWAN AHMED	CHEMISTRY
231	26184	VAVARE VISHAL VISHNU	CHEMISTRY
232	26185	KOTHARI PUJA SONU	
233	26186	GAUTAM RUCHI OMPRAKASH	CHEMISTRY
234	26191	PANDEY SURAJ RAMANUJ	CHEMISTRY
235	26193	GHARAT MANTHAN ATMARAM	
236	26194	YADAV DHANANJAY JITENDRA	CHEMISTRY
237	26197	RASAL ROHIT RAJENDRA	CHEMISTRY
238	26201	MEHER SAHIL JAYANT	CHEMISTRY/
239	26202	GUPTA SIMRAN SANJUPRASAD	CHEMISTRY
240	26208	PATEL DEEPAK PRAMODKUMAR	CHEMISTRY
241	26209	NAIK KOMAL SHIVAJI	CHEMISTRY
242	26212	BHADANE MANOJ RAVINDRA	CHEMISTRY

Batch I

	ROLL	NAME OF THE STUDENT	4/11	511	7/11	9/11	10/11	11/11	26/12	21/2	28/12	29 12 8	30 12	31/12
1	Name and	PANDYA DHAVAL PANKAJ	David	Dard	Dord	Doug	Hourt	Doch	Dord	Though !	House	Hoof?	Javal .	Storet
2	2602	PATIL TANMAY ANIL	Patil	POLL	Tali	publi	四	阻上	DEL	阻	Sector .	bet :	阳	PA1
3	2603	KUDU YASH SUNIL	Yash	YOUR	Jach	4000	Yash	1055	YOU'S	YOUR !	YOSK !	With !	1077	405N
4	2604	THAKUR ISHA GIRISH	AHE	JUNE	MhB	MAR	Wha	jship	THE	uha	Jan	Laba	Wal	لمطلع
5	2605	JADHAV JANHAVI HARESHWAR	Jodhon	Jacker	Jadla	Jadlin	Jedler	polar	faller	- Jodhar :	fieller	Jedian !	uder	Jeanson Jeanson
6	2606	THAKUR RAVINDRAKUMAR	Phinter	Blive	Blide	alidus.	Palinder (didu	Mbder (Wide (Mydr /	allider 6	Moder	Politice.
7	2607	KAWAR ANIKET MADHUKAR	Agen	Lave	Have	Hou	Hoo	400	The	For.	tour!	Faire	1600	Thoyas
8	2608	CHOTHANI BHAVIN RATILAL -	thous.	Andris.	A allo	elization	400V	ANY)	Alary-	STORY.	Stant)	Holes !	AND .	\$000
9	2609	MHATRE UTKARSHA KIRAN	July	retter.	utter	with	netter.	att.	utte	netter	with	Odda.	07	William .
10	2613	RAUT ADITYA SUBHASH	ASRUT-	ASRUT	ASRITT	ASRITE	ASRITT	ASRIT	ABRITT	ASRILL	ASRETT	ASRUTT	ARREST	BRITT
11	2614	RAIPUT SUNDAR NAVALSINGH	Frient	FOIRLE	Faipul.	Tapul	THIN	Eigul	THE THE	Japut.	Faiput.	Equit	Fapul	Fajeul
12		JADHAV DISHA UMESH	Dijadan	Nijed av	Diladhar	Dijadku	Dijodla	Mala	Ottolon	Discorder	Lindle'	Dipolou)godal	Gigdle
13	2616	MEHER BHAKTI RAJESH	Mary	Mahen	Boule	Robber	The me	Phulu	Donne	Breher	Brown	Brillian	She way	Bruker
14	2617	RANE VEDANTI MAHESH	Mari	Park	Rout	Marie	ARW!	May !	Agas	1/12	CAN WILL	grow.	外外	South .
15	2618	SANKHE VAISHNAVI ARUN	Danka	Charken	Dank	Claren	Oralle	Conk	Olguky	Clark	Clarke	Clarke	Clarine	Hankle
16	2619	PATIL SWAGAT NIVAS	Soil-	Su	Solil	Sold	Bolil	100%	Kir	Adi	Rail.	Boil.	Ask!	tob)
17	2620	MORE MANASI DIPAK	MADE	MOOR	MODE	MONE	MOR	MADE	MAIONE	MAR	Money	MIDS	ROMAN	Moss
18	2621	SUTAR ROHAN MARUTI												
19	2622	MORE TEJASVI ANIL	Phon	(1) Max	Mox		Mose	Mor	arrox		TMOL	More	Fron	mac.
20	2623 1	MORE SAI SUNIL	SHOOK		aimose	dimor.	aimox.		dimor.	-	amor	AHOOL		CHROSE .
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27			Out	OL.	Out	PH	met	The Total	Out	Met	Out	Mut	OL T	met
28	-	HARAT MANASHRI M	J. July	The same	100	Time	N-Her				No.			
29		ADAV AVINASH KASHINATH HARAT SARANGEE SURESH	OSho.rot_	Sharat	Grand	Charat	Shoriat	Strong	Shorat	Showal	Shara	Show	Shore	H Honer

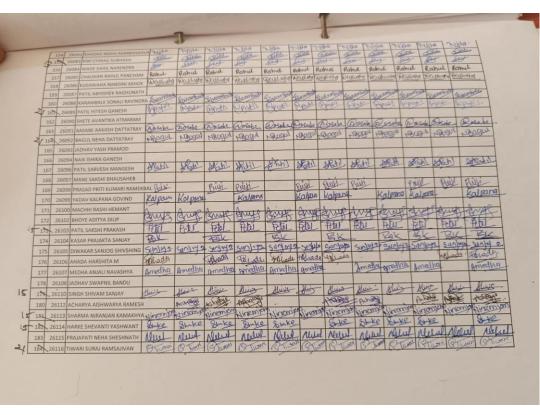
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Feedback Form

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

Internal Quality Assurance Cell

Feedback Form on Certificate Course for Undergraduate in Chemistry

Name: _	ABHAYA PAT	11_	
Class:	T.Y.B.5c.		
Roll No.:	2627		

Sr.No.	Parameters	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	After completing this course, my knowledge in the topic has increased.	V				
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	1				
7	Course material was well prepared	1				
8	The course developed my understanding of concepts and principles	/				

Signature of student

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

Internal Quality Assurance Cell

Feedback Form on Certificate Course for Undergraduate in Chemistry

Name: _08w	odas Rajput	
Class: TyB.	6c	
Roll No.:	2614	

Sr.No.	Parameters	Strongly Agree	Agree	Neutral	Disagree	Strongly
1	After completing this course, my knowledge in the topic has increased.	~				2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2	This course increased my interest in chemistry related topics.	V				
3	The teacher communicated clearly and effectively	L				
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	<u></u>				
	The course developed my understanding of concepts and principles	/				

Signature of student

Certificate

SONOPANT DANDEKAR SHIKSHAN MANDALI'S Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar

Certificate

OF COMPLETION

This is to certify that

MORE SAI SUNIL

had successfully completed

Certificate course Advance Instrumental Analysis

Jamoor Head

Department of Chemistry

MDeshmukh **IQAC** Co-ordinator

DATE: 13/07/2023

SONOPANT DANDEKAR SHIKSHAN MANDALI'S Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar



This is to certify that

Mr. PATIL SUJAY VISHWAS

had successfully completed

Certificate course Advance Instrumental Analysis

Tourse Head Department of Chemistry Co-ordinator

DATE: 13/07/2023

SONOPANT DANDEKAR SHIKSHAN MANDALI'S Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar

Certificate

OF COMPLETION

This is to certify that

Ms. RAUT SHRADDHA V.

had successfully completed

Certificate course Advance Instrumental Analysis

Head Department of Chemistry

MDeshmukh

Co-ordinator

DATE: 13/07/2023



Report

Certificate Course in Advance Instrumental Analysis was conducted for the students of T.Y.B.Sc. Students were trained for basic handling of apparatus, chemical calculations and preparation of standard solutions.

A certificate course in advance instrumental analysis 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: 04/11/2022

Course Completion: 31/12/2022

Number of students enrolled for the course: 60

Number of students completed the course: 60

Duration of the course: 48 hours

Batch II

Course Commencement: 05/05/2022

Course Completion: 20/06/2022

Number of students enrolled for the course: 124 Number of students completed the course: 124

Duration of the course: 48 hours

Dr. Suhas Janwalkar

Head (Dept. of Chemistry)