



Rayat Skikshan Sanstha's

Arts, Science & Commerce College, Mokhada
Dist. Palghar 401604

Department of Chemistry

Short Term Course

2021-2022

“Instrumental Methods in Chemical Analysis”





Rayat Shikshan Sanstha's,
Arts, Science and Commerce College, Mokhada,
Dist. Palghar



Department of Chemistry

Date:27/01/2022

Notice

All students of chemistry short-term course are hereby informed that, the department of chemistry short term course "**Instrumental Methods in Chemical Analysis**" will be conducted on **02/02/2022** at **10.00 - 11.00 am**. Absent students will not be entertained. All students should remain present.

Course Coordinator

Head,

Department of Chemistry



Principal

**Arts, Science & Commerce, College
Mokhada, Dist. Palghar**

RayatShikshanSanstha's,
Arts, Science and Commerce College, Mokhada, Dist. Palghar

Department of Chemistry
Short Term Course: **"Instrumental Methods in Chemical Analysis"**

Time Table 2021-2022

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10.00 am to 11.00 am	DRN	SRV	VBG	RAK	--	--
2.00 pm to 4.00 pm	--	--	--	Practical	Practical	--

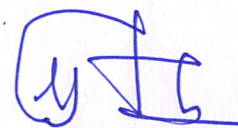


Course Co-ordinator





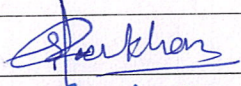
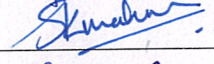
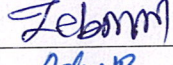
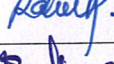
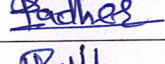
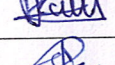
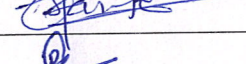

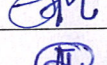
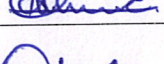
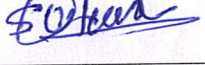
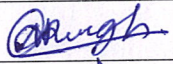
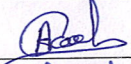
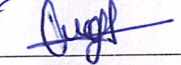
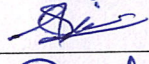
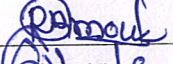
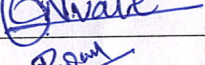
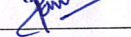
Head,
Department of Chemistry




Principal
Arts, Science & Commerce, College
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's,
Arts, Science and Commerce College, Mokhada, Dist. Palghar
Department of Chemistry

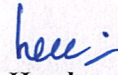
Short Term Course: **“Instrumental Methods in Chemical Analysis”**
Admitted Student List-2021-2022

Sr. No.	Roll No.	Name of Students	Mobile No.	Sign
01.	7016/21	Lakhan Suresh Prakash	8263094966	
02.	7017/21	Mahale Subhash Krushna	8554048208	
03.	7018/21	Memon Zeba Mustak	9970184284	
04.	7019/21	Padavi Rahul Bharatsingh	7218004224	
05.	7020/21	Padher Sandip Narayan	9370875109	
06.	7021/21	Patil Harshada Janardan	9225779222	
07.	7022/21	Pithole Lina Prakash	8626027449	
08.	7023/21	Sah Rani Vinod	7559469575	
09.	7024/21	Sarakate Manoj Ramdas	9322633487	
10.	7025/21	Thalekar Amol Ramdas	8329015798	
11.	7026/21	Vartha Sunita Kamalakar	8550905865 / 9326241255	
12.	7027/21	Wagh Ajit Ramchandra	9699805220	
13.	7028/21	Wagh Ashwini Chhabildas	9322579277	
14.	7029/21	Wagh Vrushabh Nivrutti	7219185249	
15.	7030/21	Warghade Ritesh Bhaskar	9209681240	
16.	9011/21	Moule Rupali Bhau	9527380391	
17.	9012/21	Navale Chetan Madhukar	8446733215	
18.	9014/21	Pawar Dharmendra Bhalchandra	9130156769	



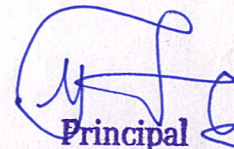
Course Co-Ordinator





Head

Department of Chemistry



Principal

Arts, Science & Commerce, College
Mokhada, Dist. Palghar



Sr. No.	Name of the Student	02-02-	03-02-	07-02-	08-02-	09-02-	10-02-	14-02-
		2022	2022	2022	2022	2022	2022	2022
		VBG	RAK	DRN	SRV	VBG	RAK	DRN
1.	Lakhan Suresh Prakash	Parkhan	Parkhan	Parkhan	A	Parkhan	Parkhan	Parkhan
2.	Mahale Subhash Krushna	Sum.	Sum.	Sum.	Sum.	Sum.	Sum.	A
3.	Memon Zeba Mustak	Zebam	Zebam	Zebam	A	Zebam	A	Zebam
4.	Padavi Rahul Bharatsingh	Rahup.	Rahup.	Rahup.	Rahup.	A	Rahup.	Rahup.
5.	Padher Sandip Narayan	Padher	Padher	Padher	Padher	A	Padher	Padher
6.	Patil Harshada Janardan	Patil	Patil	Patil	Patil	Patil	Patil	Patil
7.	Pithole Lina Prakash	Pithole	Pithole	Pithole	Pithole	Pithole	Pithole	A
8.	Sah Rani Vinod	R	R	R	R	R	R	R
9.	Sarakate Manoj Ramdas	SM	SM	SM	A	SM	SM	SM
10.	Thalekar Amol Ramdas	Amol	Amol	Amol	Amol	Amol	Amol	Amol
11.	Vartha Sunita Kamalakar	Sunita	Sunita	Sunita	Sunita	Sunita	Sunita	A
12.	Wagh Ajit Ramchandra	Wagh	Wagh	Wagh	A	Wagh	Wagh	Wagh

13.	Wagh Ashwini Chhabildas	Real	Real	Real	Real	Real	Real	Real	Real
14.	Wagh Vrushabh Nivrutti	Quest	Quest	Quest	Quest	Quest	Quest	Quest	Quest
15.	Warghade Ritesh Bhaskar	Sci	Sci	Sci	Sci	Sci	Sci	Sci	Sci
16.	Moule Rupali Bhau	Practical	Practical	Practical	Practical	Practical	Practical	Practical	Practical
17.	Navale Chetan Madhukar	Practical	Practical	Practical	Practical	Practical	Practical	Practical	Practical
18.	Pawar Dharmendra Bhalchandra	Practical	Practical	A	Practical	Practical	Practical	Practical	Practical

Wagh

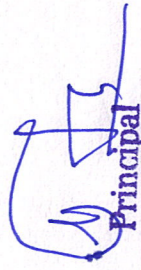
Course Coordinator



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Head,

Department of Chemistry



Principal

Arts, Science & Commerce, College
Mokhada, Dist. Palghar

13.	Wagh Ashwini Chhabildas	Beach	Beach	Beach	Beach	Beach	Beach	Beach
14.	Wagh Vrushabh Nivrutti	Quest	Quest	Quest	Quest	Quest	Quest	Quest
15.	Warghade Ritesh Bhaskar	Sci	Sci	Sci	Sci	Sci	Sci	A
16.	Moule Rupali Bhau	Practical	Practical	Practical	Practical	Practical	Practical	Practical
17.	Navale Chetan Madhukar	Practical	Practical	Practical	Practical	Practical	Practical	Practical
18.	Pawar Dharmendra Bhalchandra	Practical	Practical	Practical	Practical	Practical	Practical	Practical

Wagh Ashwini
Course Coordinator



heer
Head,

Department of Chemistry

Wagh Ashwini
Principal
Arts, Science & Commerce, College
Mokhada, Dist. Palghar

Rayat Shikshan Sanstha's,
Arts, Science and Commerce College, Mokhada, Dist. Palghar
Department of Chemistry

Short Term Course: "Instrumental Methods in Chemical Analysis"
Theory Attendance Report 2021-2022



Sr. No.	Name of the Student	28-02-2022	02-03-2022	03-03-2022	07-03-2022	08-03-2022	09-03-2022	10-03-2022
		DRN	VBG	RAK	DRN	SRV	VBG	RAK
1.	Lakhan Suresh Prakash							
2.	Mahale Subhash Krushna							
3.	Memon Zeba Mustak							
4.	Padavi Rahul Bharatsingh							
5.	Padher Sandip Narayan							
6.	Patil Harshada Janardan							
7.	Pithole Lina Prakash							
8.	Sah Rani Vinod							
9.	Sarakate Manoj Ramdas							
10.	Thalekar Amol Ramdas							
11.	Vartha Sunita Kamalakar							
12.	Wagh Ajit Ramchandra							

13.	Wagh Ashwini Chhabildas	Book	Book	Book	Book	Book	Book	Book	Book
14.	Wagh Vrushabh Nivrutti	Quest	Quest	Quest	Quest	Quest	Quest	Quest	Quest
15.	Warghade Ritesh Bhaskar	Sci	Sci	Sci	Sci	Sci	Sci	Sci	Sci
16.	Moule Rupali Bhau	Practical	Practical	Practical	Practical	Practical	Practical	Practical	Practical
17.	Navale Chetan Madhukar	Practical	Practical	Practical	Practical	Practical	Practical	Practical	Practical
18.	Pawar Dharmendra Bhalchandra	Practical	Practical	Practical	Practical	Practical	Practical	Practical	Practical



here:
Head,

Department of Chemistry

[Signature]
Course Coordinator

[Signature]
Principal
Arts, Science & Commerce, College
Mokhada, Dist. Palghar

11.	Vartha Sunita Kamalakar								
12.	Wagh Aji Ramchandra	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy
13.	Wagh Ashwini Chhabildas	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy
14.	Wagh Vrushabh Nivrutti	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy
15.	Warghade Ritesh Bhaskar	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy
16.	Moule Rupali Bhau	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy
17.	Navale Chetan Madhukar	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy
18.	Pawar Dharmendra Bhalchandra	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy	Prunoy

Head
Department of Chemistry



Principal
Arts, Science & Commerce, College
Mokhada, Dist. Palghar

13.	Wagh Ashwini Chhabildas	Beed	Beed	Beed	Beed	Beed	Beed	Beed	Beed	Beed
14.	Wagh Vrushabh Nivrutti	Dist	Dist	Dist	Dist	Dist	Dist	Dist	Dist	Dist
15.	Warghade Ritesh Bhaskar	Sci	Sci	Sci	Sci	Sci	Sci	Sci	Sci	Sci
16.	Moule Rupali Bhau	Dist	Dist	Dist	Dist	Dist	Dist	Dist	Dist	Dist
17.	Navale Chetan Madhukar	Navale	Navale	Navale	Navale	Navale	Navale	Navale	Navale	Navale
18.	Pawar Dharmendra Bhalchandra	Dist	Dist	Dist	Dist	Dist	Dist	Dist	Dist	Dist



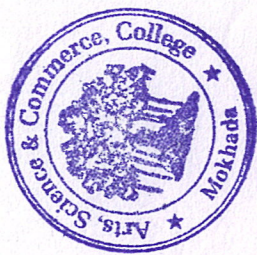
Navale
Course Coordinator

heer
Head,

Department of Chemistry

GS
Principal
Arts, Science & Commerce, College
Mokhada, Dist. Palghar

Short Term Course: "Instrumental Methods in Chemical Analysis"
Practical's Attendance Report 2021-2022



Sr. No.	Name of the Student	10-02-2022	11-02-2022	17-02-2022	18-02-2022	24-02-2022
		DRN	SRV	RAK	VBG	DRN
1.	Lakhan Suresh Prakash			A		
2.	Mahale Subhash Krushna		A			
3.	Memon Zeba Mustak	Zebarn	Zebarn	Zebarn	Zebarn	- A
4.	Padavi Rahul Bharatsingh	A	rahulp.	Rehulp.	Rehulp.	Rehulp.
5.	Padher Sandip Narayan	Padher	Padher	A	Padher	Padher
6.	Patil Harshada Janardan	Patil	Patil	Patil	Patil	Patil
7.	Pithole Lina Prakash				A	A
8.	Sah Rani Vinod				A	
9.	Sarakate Manoj Ramdas	SRK	SRK	SRK	SRK	SRK
10.	Thalekar Amol Ramdas					
11.	Vartha Sunita Kamalakar	SUNITA	A			
12.	Wagh Ajit Ramchandra					

13.	Wagh Ashwini Chhabildas	Beed	Beed	Beed	Beed	
14.	Wagh Vrushabh Nivrutti	Amal	Amal	Amal	Amal	Amal
15.	Warghade Ritesh Bhaskar	Beas	Beas	Beas	Beas	Beas
16.	Moule Rupali Bhau	Amal	Amal	Amal	Amal	Amal
17.	Navale Chetan Madhukar	Navale	Navale	Navale	Navale	Navale
18.	Pawar Dharmendra Bhalchandra	X	Amal	Amal	Amal	Amal



Navale

Course Coordinator

Navale

Head,

Department of Chemistry

Navale

Principal

Arts, Science & Commerce, College
Mokhada, Dist. Palghar



Rayat Shikshan Sanstha's,
Arts, Science & Commerce College, Mokhada
Dist. Palghar 401604
Department of Chemistry
Short Term Course: 2021-2022
"Instrumental Methods in Chemical Analysis"



Date: 12-04-2022

Report

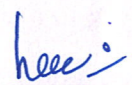
In the academic year 2021-2022, a short-term course entitled "**Instrumental Methods in Chemical Analysis**" was carried out by department of chemistry. Total **(18)** students were participated in this course. The Duration of course was three months. The course contained curriculum to develop skills of operating instruments and using various methods in analysis of chemical compounds. The level of knowledge and skills they obtained was assessed through the exam conducted during this course. The knowledge will be useful to the students for self-employment and entrepreneurship in future. All the participated students have completed this course successfully.

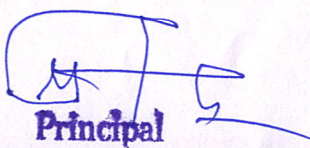
Outcomes:

1. Students learns the operating instruments and analysis of chemical compounds.
2. Students learn about conductometric titration of weak acids weak bases and mixture of weak acid and weak base.
3. Students learn about pH metry its working and applications.
4. Student learn the quantitative determination of analytes, such as transition metal ions.
5. Student learn about conductivity cell, Ostwald's dilution law and application in neutralization titrations.
6. Students promotes self- employment and entrepreneurship in future.


Course Coordinator

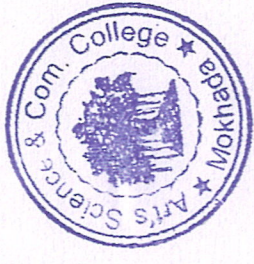



Head,
Department of Chemistry


Principal
Arts, Science & Commerce College
Mokhada, Dist. Palghar



Rayat Shikshan Sanstha, Satara
Karmaveer Vidya Prabodhini



CERTIFICATE

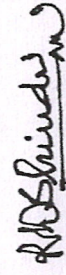
This is to certify that Shri / Smt. Mahale Subhash Krushna
..... (Class F.Y. B.Sc) of

(College) Rayat shikshan sanstha's Arts, science and
commerce college, mokhada has successfully completed
a short term course in Instrumented methods in chemical Analysis


Academic year 2021 2022 (From To) and
secured A Grade.


PRINCIPAL
PRINCIPAL

Arts Science and Commerce College
Mokhada, Dist. Palghar


Executive Director

Karmaveer Vidya Prabodhini


Chairman

Karmaveer Vidya Prabodhini





**Rayat Shikshan Sanstha, Satara
Karmaveer Vidya Prabodhini**



CERTIFICATE

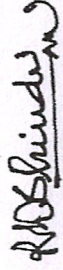
This is to certify that Shri / Smt Memon Zeba mustak
..... (Class F.Y. B.Sc) of

(College) Rayat Shikshan Sanstha's Arts science and
Commerce college, Mokhada has successfully completed
a short term course in Instrumental methods in chemical Analysis

Academic year 2021 2022 (From To) and
secured A Grade.


**PRINCIPAL
PRINCIPAL**

Arts Science and Commerce College
Mokhada, Dist. Palghar



**Executive Director
Karmaveer Vidya Prabodhini**



**Chairman
Karmaveer Vidya Prabodhi**



Rayat Shikshan Sanstha, Satara
Karmaveer Vidya Prabodhini

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CERTIFICATE

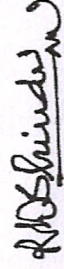
This is to certify that Shri / Smt. Pacher Sandip Narayan
 (Class F.Y.B.Sc) of

(College) Rayat Shikshan Sanstha's Arts, Science and
Commerce College Mokhada has successfully completed
 a short term course in Instrumental method in chemical analysis

Academic year 2021 2022 (From To) and
 secured A Grade.


PRINCIPAL

PRINCIPAL
 Arts Science and Commerce College
 Mokhada, Satara



Executive Director
 Karmaveer Vidyaprabodhini



Chairman
 Karmaveer Vidyaprabodhini





Rayat Shikshan Sanstha, Satara
Karmaveer Vidya Prabodhini

CERTIFICATE

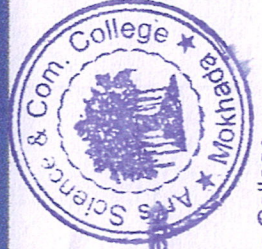
This is to certify that Shri / Smt. Vartha Sunita Kamalakar
..... (Class F.Y.B.Sc) of

(College) Rayat Shikshan Sanstha's Arts Science and Commerce
College, Mulchewda has successfully completed

a short term course in Instrumental methods in Chemical Analysis

Academic year 2021 2022 (From To) and

secured A Grade.



[Signature]
PRINCIPAL

PRINCIPAL

Arts Science and Commerce College
Mokhada, Dist. Nashik

[Signature]
Executive Director

Karmaveer Vidyaprabodhini

[Signature]
Chairman

Karmaveer Vidyaprabodhi



Rayat Shikshan Sanstha, Satara
Karmaveer Vidya Prabodhini

CERTIFICATE

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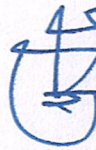


This is to certify that Shri / Smt. Pitthole Ling Prakash
 (Class F.Y.B.Sc) of

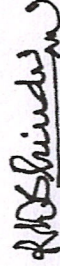
(College) Rayat Shikshan Sanstha's Arts, Science and
Commerce College Mokhada has successfully completed
 a short term course in Instrumental methods in Chemical Analysis

Academic year 2021 2022 (From To) and

secured A Grade.


PRINCIPAL
PRINCIPAL

Arts Science and Commerce College
 Mokhada, Dist. Palghar



Executive Director
 Karmaveer Vidya Prabodhini



Chairman
 Karmaveer Vidya Prabodhini