

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

शिक्षणमहर्षि डॉ. आपूजी भाळुंबे

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR

**Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.**

Academic year 2024-25

DEPARTMENT OF CHEMISTRY

Short Term Course

**Basic Analytical
Techniques in Industry**

Duration 2nd September 2024 to 26th December 2024



Permission Letter

Head,
Department of Chemistry
Date: 17/08/2024

To,
The Principal,
Dattajirao Kadam Arts, Science and Commerce College,
Ichalkaranji.

Subject: Seeking Permission to conduct the Basic Analytical Techniques in Industry Certificate Course.

Respected Sir,

With the reference to above cited subject, Department of Chemistry wants to conduct Basic Analytical Techniques in Industry course under Department of Chemistry, DKASC College Ichalkaranji, in academic year 2024-25. So hereby we are requesting you to permit us to conduct the said course in the academic year 2024-25.

Thanking You,



Yours's faithfully

A handwritten signature in blue ink, appearing to be "Dr. D. A. Kumbhar".

Dr. D. A. Kumbhar
HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

Sanction Letter

Head,

Department of Chemistry

Date: 17/08/2024

To,

The Principal,

Dattajirao Kadam Arts, Science & Commerce

College, Ichalkaranji.

Subject: Regarding sanction to Board of Studies for Short Term Course.

Respected Sir,

It's my pleasure to inform you that, in the academic year **2024-25** our department will conduct a Short Term Course entitled "**Basic Analytical Chemistry in Industry**" for B.Sc. Part III Chemistry students. This course will be beneficial to our students. The duration of this course is 30 hours. For this course our department is decided to form the Board of Studies as follows:

Chairman: Dr. S. M. Maner (Principal)

Internal Member: Dr. D. A. Kumbhar (Head, Department of Chemistry)

Internal Member: Mr. N. H. Waghmare

External Member: Dr. S. D. Shirake (VC College, Kolhapur)

External Member: Dr. A. S. Tapase (VC College, Kolhapur)

So please sanction the mentioned B.O.S

Thanking You.

Yours faithfully



Dr. D. A. Kumbhar

HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.





"Dissemination of Education for Knowledge, Science & Culture" - Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji.



Tal. Hatkanangale, Dist. Kolhapur - 416 115. Office : (0230) 2420 412

Principal : (0230) 2991617 Email : dkasccollege@gmail.com Website : www.dkasc.ac.in

(Permanently Affiliated to Shivaji University, Kolhapur - No. Affi/T-2/5049 dt. 10-07-1999)

ज्यु. कॉलेज-शासन आदेश क्रमांक - एचएससी/०७/वीस/एकवीस, दि.६-५-१९७६ Jr. Index No. J-23.06.001

Founder Maharshi Dr. Bapuji Salunkhe D.Lit.	President Hon. Chandrakant (Dada) Patil Minister, Higher and Technical Education, Gov. of Maharashtra	Chairman Hon. Prin. Abhaykumar Salunkhe M.A.	Secretary Hon. Prin. Mrs. Shubhangi Gawade M.Sc., B.Ed.	Principal Dr. S. M. Maner M.A. M.Phil., Ph.D.
---	--	--	---	---

ward No. : DKASC /

Date:

DEPARTMENT OF CHEMISTRY

Board of Studies Committee

For Short Term Course on

Basic Analytical Chemistry in Industry

Name of the member	Position	Address
Dr. S. M. Maner	Chairman	Principal, Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji
Dr. S. D. Shirake	Member	Head, Department of Chemistry, Vivekanand, College Kolhapur
Dr. A. S. Tapase	Member	Assistant Professor, Department of Chemistry, Vivekanand, College Kolhapur
Dr. D. A. Kumbhar	Member	Head, Department of Chemistry, Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji
Mr. N. H. Waghmare	Member	Assistant Professor, Department of Chemistry, Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji





Dr. S. M. Maner

Principal,
D.K.A.S.C. College,
Ichalkaranji.



"Dissemination of Education for Knowledge, Science & Culture" - Shikshanmaharshi Dr. Babuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
**Dattajirao Kadam Arts, Science and Commerce
College, Ichalkaranji.**



Tal. Hatkanangale, Dist. Kolhapur - 416 115. Office : (0230) 2420 412
Principal : (0230) 2991617 Email : dkasccollege@gmail.com Website : www.dkasc.ac.in
(Permanently Affiliated to Shivaji University, Kolhapur - No. Affi/T-2/5049 dt. 10-07-1999)
ज्यु. कॉलेज-शासन आदेश क्रमांक - एचएससी/०७/वीस/एकवीस, दि.६-५-१९७६ Jr. Index No. J-23.06.001

Founder Shikshanmaharshi Dr. Babuji Salunkhe D.Lit.	President Hon. Chandrakant (Dada) Patil Minister, Higher and Technical Education, Gov. of Maharashtra	Chairman Hon. Prin. Abhaykumar Salunkhe M.A.	Secretary Hon. Prin. Mrs. Shubhangi Gawade M.Sc., B.Ed.	Principal Dr. S. M. Maner M.A. M.Phil., Ph.D.
---	--	--	---	---

Outward No. : DKASC / सप्त.२५ / 2024-25

Date: 19/08/2024

Invitation Letter

To,
Dr. S. D. Shirake
Head, Department of Chemistry
Vivekanand College, Kolhapur

Subject: Invitation to become a member of the Board of Studies.

Respected Sir,

Greetings from DKASC College, Ichalkaranji we are a renowned institution affiliated with Shivaji University, Kolhapur. Since our establishment, we have been dedicated to uplifting rural students through relentless efforts. Our commitment to excellence is evident as we are accredited with an A grade by NAAC. The courses we offer are as follows.

Course	Intake
1) B.A/B.Com./B.Sc.	360
2) BCA	80
3) M.Sc.	20
4) M.A	100

We are delighted to extend our invitation to you to join the Board of Studies in Chemistry for the development of the syllabus for the short term course titled '**Basic Analytical Techniques in Industry**'.

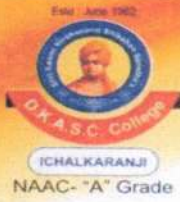
I am writing to formally confirm our previous discussion regarding your participation as a member of the BOS. Your willingness to contribute your time and expertise to the syllabus development process is greatly appreciated.

Thanks & regards.

Yours faithfully,




Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji.



"Dissemination of Education for Knowledge, Science & Culture" - Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji.



Tal. Hatkanangale, Dist. Kolhapur - 416 115. Office : (0230) 2420 412

Principal : (0230) 2991617 Email : dkasccollege@gmail.com Website : www.dkasc.ac.in

(Permanently Affiliated to Shivaji University, Kolhapur - No. Affi/T-2/5049 dt. 10-07-1999)

ज्यु. कॉलेज-शासन आदेश क्रमांक - एचएससी/०७/वीस/एकवीस, दि.६-५-१९७६ Jr. Index No. J-23.06.001

Founder

Shikshanmaharshi Dr. Bapuji Salunkhe
D.Lit.

President

Hon. Chandrakant (Dada) Patil
Minister, Higher and Technical Education,
Gov. of Maharashtra

Chairman

Hon. Prin. Abhaykumar Salunkhe
M.A.

Secretary

Hon. Prin. Mrs. Shubhangi Gawade
M.Sc., B.Ed.

Principal

Dr. S. M. Maner
M.A. M.Phil., Ph.D.

Outward No. : DKASC / समझ | 2024-25

Date: 19/08/2024

Invitation Letter

To,

Dr. A. S. Tapase
Assistant Professor,
Department of Chemistry,
Vivekanand College, Kolhapur

Subject: Invitation to become a member of the Board of Studies.

Respected Sir,

Greetings from DKASC College, Ichalkaranji we are a renowned institution affiliated with Shivaji University, Kolhapur. Since our establishment, we have been dedicated to uplifting rural students through relentless efforts. Our commitment to excellence is evident as we are accredited with an A grade by NAAC. The courses we offer are as follows.

Course	Intake
1) B.A/B.Com./B.Sc.	360
2) BCA	80
3) M.Sc.	20
4) M.A	100

We are delighted to extend our invitation to you to join the Board of Studies in Chemistry for the development of the syllabus for the short term course titled '**Basic Analytical Techniques in Industry**'.

I am writing to formally confirm our previous discussion regarding your participation as a member of the BOS. Your willingness to contribute your time and expertise to the syllabus development process is greatly appreciated.

Thanks & regards,

Yours faithfully,




Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji

Notice

All the members of the Board of Studies of (STC) Basic Analytical Techniques in Industry course of Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji are hereby informed that the first meeting of the B.O.S. is scheduled on Wed, 20th Aug, 2024 at 8.30 am through online mode using Google meet platform. Please make it convenient to be present for the meeting. The agenda of the meeting is as follows.

Agenda for the meeting:

- 1) To review structure of the syllabus for Basic Analytical Techniques in Industry course.
- 2) To design the syllabus for Basic Analytical Techniques in Industry course
- 3) To finalize the list of instruments required as per practical syllabus.
- 4) Any other matter with the permission of the Chair.



Dr. D. A. Kumbhar

HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.



Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji.

Minutes of Meeting

A meeting of Board of Studies of the Basic Analytical Techniques in Industry course. Course was held on 20-08-2024 at 08:30 AM in on line mode.

The following members were present

Name of the member	Nomination
Principal, Dr. S. M. Maner	Chairman
Dr. D. A. Kumbhar	Member
Dr. S. D. Shirke	Member
Dr. A. S. Tapase	Member
Mr. N.H. Waghmare	Member

Leave of absence

1. Leave of absence was granted to the Dr. S. D. Shirake, (External Member) by the Chairman Board of Studies.

The Mr. N. H. Waghmare welcome all the members who were present for the meeting and meeting initiate with the guidance of Chairman Principal Dr. S. M. Maner. The meeting was there after deliberated by Dr. D. A. Kumbhar on agenda items as had been approved by the Chairman

Item No. 1 Allotment of number of hours per unit

Dr. A. S. Tapase suggested adding number of hours to each unit to define weightage of each unit other BOS members also agreed to this point and suggest its distribution.

Item No. 2 Corrections in syllabus contents

Dr. S. D. Shirke suggested unit for basic analytical techniques in industry course. Also, Dr. D. A. Kumbhar advised to instrumentation part in course. All BoS members also agreed to these revisions in syllabus.

Item No. 3 Industrial Training/ Visit Commended

For better understanding of students Industrial Training/ Visit suggested by BOS members whenever possible. The meeting concluded at 9:45 AM with a vote of thanks by Mr. N. H. Waghmare member Board of Studies,

Based on the suggestion of committee members, Changes has been incorporated and added All course syllabus has been approved with incorporating the recommendations and suggestions.



Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.



Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji.

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

शिक्षणमहर्षि डॉ. सापूजी भालुंबखे

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR

Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji.

DEPARTMENT OF CHEMISTRY

Academic Year 2024-25

Syllabus: Basic Analytical Technique in Industry

Short Term Course

(Theory Credits: 20 lectures)

Unit I Basic Concepts in Industrial Chemistry (05)

Definition and Explanation of terms -Normality, Equivalent weight, Molarity, Molecular weight, Molality, Molarity of mixed solution, Acidity of base, Basicity of acid, ppt, ppm, ppb, ppm solutions, Mole Fraction, Weight fraction, Percentage composition by W/W, W/V, V/V, Problems based on Normality, Molarity, mole fraction, mixed solution, etc.

Unit II Introduction to Analytical Techniques (05)

Introduction, Purification of solids, Crystallization, Distillation-simple distillation and fractional distillation, Solvent extraction, Chromatographic techniques- Adsorption chromatography and partition chromatography.

Unit III Unit Operations (05)

The difference between classical chemistry and industrial chemistry, Raw material for the Chemical Industry, Material Safety data sheets, Units that make up a chemical process-unit operation and unit processes, Flow Diagrams, Block Diagram, Process flow diagram / flow sheets, Material Balances-The purpose of mass balance calculations, Material Balances for multi species, Unit operations- i) Size reduction- Principle, Jaw crusher, ball mill, ii) Size enlargement – Purpose of size enlargement, Principle- pellet mill and tumbling agglomerates iii) Separation -Magnetic separation method and Froth floatation method.

Unit IV Laboratory Instrumentation. (05)

Introduction, construction and working, Applications - Conductometer, Colorimeter and spectrophotometer, pH meter, Polarimeter.

Practicals- (Practical Credits: 10 lectures)

1. To determine the percentage purity of given soda-ash sample.
2. Estimation the amount of Aspirin from given tablet.
3. Determination of titrable acidity in the given sample of milk or lassi.
4. To determine the hardness of water.
5. To determine the normality of strong acid by conduct metric titration.
6. To determine the unknown concentration of copper by colorimetric method.
7. Determination of amount of sodium present in the given solution of common salt using cation exchange resin.
8. To determine the amount of HCl in given of commercial samples.
9. To determine the specific rotation of cane sugar solution using Polarimeter.
10. To determine the amount of nitrogen from given fertilizer sample.
11. To determine the pH of given solution.
12. To separation of two component from given mixture and determine the physical constant.





"Dissemination of Education for Knowledge, Science & Culture" - Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
**Dattajirao Kadam Arts, Science and Commerce
College, Ichalkaranji.**



Tal. Hatkanangale, Dist. Kolhapur - 416 115. Office : (0230) 2420 412
Principal : (0230) 2991617 Email : dkasccollege@gmail.com Website : www.dkasc.ac.in

(Permanently Affiliated to Shivaji University, Kolhapur - No. Affi/T-2/5049 dt. 10-07-1999)

ज्यु. कॉलेज-शासन आदेश क्रमांक - एचएससी/०७/वीस/एकवीस, दि.६-५-१९७६ Jr. Index No. J-23.06.001

Founder
Shikshanmaharshi Dr. Bapuji Salunkhe
D.Lit.

President
Hon. Chandrakant (Dada) Patil
Minister, Higher and Technical Education,
Gov.of Maharashtra

Chairman
Hon. Prin. Abhaykumar Salunkhe
M.A.

Secretary
Hon. Prin. Mrs. Shubhangi Gawade
M.Sc.,B.Ed.

Principal
Dr. S. M. Maner
M.A. M.Phil., Ph.D.

Outward No. : DKASC / शिर्के / 2024-25

Date: 20/08/2024

Appreciation Letter

To,
Dr. S. D. Shirake
Head, Department of Chemistry
Vivekanand College, Kolhapur

Subject - Appreciation Letter...

Respected Sir,

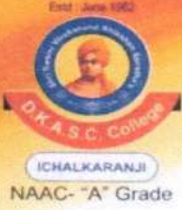
With respect to above mentioned subject, we would like to take this opportunity to thank you on behalf of our college for working as BOS Member for the "**Basic Analytical Chemistry in Industry**" of B. Sc. III of all students. Once again, thank you for your presence, valuable suggestion and guidance. We appreciate your continued support.

Thanking You.

Yours'faithfully




Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji.



"Dissemination of Education for Knowledge, Science & Culture" - Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
**Dattajirao Kadam Arts, Science and Commerce
College, Ichalkaranji.**



Tal. Hatkanangale, Dist. Kolhapur - 416 115. Office : (0230) 2420 412
Principal : (0230) 2991617 Email : dkasccollege@gmail.com Website : www.dkasc.ac.in

(Permanently Affiliated to Shivaji University, Kolhapur - No. Affi/T-2/5049 dt. 10-07-1999)
ज्यु. कॉलेज-शासन आदेश क्रमांक - एचएससी/०७/वीस/एकवीस, दि.६-५-१९७६ Jr. Index No. J-23.06.001

Founder Shikshanmaharshi Dr. Bapuji Salunkhe D.Lit.	President Hon. Chandrakant (Dada) Patil Minister, Higher and Technical Education, Gov. of Maharashtra	Chairman Hon. Prin. Abhaykumar Salunkhe M.A.	Secretary Hon. Prin. Mrs. Shubhangi Gswade M.Sc., B.Ed.	Principal Dr. S. M. Maner M.A. M.Phil., Ph.D.
---	--	--	---	---

Outward No. : DKASC / सप्त 12024-25

Date: 20/08/2024

Appreciation Letter

To,
Dr. A. S. Tapase
Assistant Professor,
Department of Chemistry
Vivekanand College, Kolhapur

Subject - Appreciation Letter...

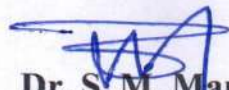
Respected Sir,

With respect to above mentioned subject, we would like to take this opportunity to thank you on behalf of our college for working as BOS Member for the "**Basic Analytical Chemistry in Industry**" of B. Sc. III of all students. Once again, thank you for your presence, valuable suggestion and guidance. We appreciate your continued support.

Thanking You.

Yours faithfully




Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji.

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR
**Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.**
DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2024-25

Date: 21/08/2024

Notice

All the students of B. Sc. III Chemistry are hereby informed that Short Term Course Basic Analytical Techniques in Industry is organized by department of chemistry. The course is compulsory to all the students. The fee of this course is 400/- per students. So register your names for the said course. Contact Mr. N. H. Waghmare sir with documents.

Documents Required

- 1) Admission Receipt of B. Sc. III Xerox copy.
- 2) College Identity Xerox copy.




Dr. D. A. Kumbhar
HEAD,
Department of Chemistry
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

Dissemination of Education for Knowledge, Science and Culture"

-Shikshan Maharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2024-25

Enrollment list

Sr. No.	Student Name	Class	Sign
1	Antin Basavraj Manjunath	B. Sc III	
2	Awale Suyash Bhavso	B. Sc III	
3	Balari Abhishek Vyankatesh	B. Sc III	
4	Bhosale Rohan Satish	B. Sc III	
5	Danane Paras Shital	B. Sc III	
6	Desai Khadija Jamir	B. Sc III	
7	Jangate Supriya Suresh	B. Sc III	
8	Kamate Sanika Suresh	B. Sc III	
9	Kambale Poonam Kiran	B. Sc III	
10	Kamire Shreya Mahesh	B. Sc III	
11	Katankar Shahid Hazrat	B. Sc III	
12	KhotAakansha Joti	B. Sc III	
13	Koli Sushant Pindu	B. Sc III	
14	Kore Neha Manohar	B. Sc III	
15	Kurane Anisha Rahul	B. Sc III	
16	Latane Abhishek Sanjay	B. Sc III	
17	Malwade Ajay Ravikant	B. Sc III	
18	Miraje Amruta Vishwanath	B. Sc III	
19	Mirajkar Vijay Abasaheb	B. Sc III	
20	Naik Samruddhi Mahesh	B. Sc III	
21	Patil Suraj Shahaji	B. Sc III	
22	Patil Vinayak Rajkumar	B. Sc III	



23	Patil Yash Anil	B. Sc III	<i>Yash Patil</i>
24	Patole Nikhil Yashwant	B. Sc III	<i>Nikhil Patole</i>
25	Pujari Samruddhi Maruti	B. Sc III	<i>Samruddhi Pujari</i>
26	Sagare Sanmati Sunil	B. Sc III	<i>Sanmati Sagare</i>
27	Sawant Tejas Sanjay	B. Sc III	<i>Tejas Sawant</i>
28	Shikhare Rajvardhan Eknath	B. Sc III	<i>Rajvardhan Shikhare</i>
29	Shinde Sakshi Arvind	B. Sc III	<i>Sakshi Shinde</i>
30	Slinge Komal Maruti	B. Sc III	<i>Komal Slinge</i>
31	Sutar Renuka Rajaram	B. Sc III	<i>Renuka Sutar</i>
32	Teli Akshata Balu	B. Sc III	<i>Akshata Teli</i>
33	Nade Ankita Dhananjay	B. Sc III	<i>Ankita Nade</i>
34	Nadaf Tasnim Shahajan	B. Sc III	<i>Tasnim Nadaf</i>
35	Hawaladar Dhiraj Tanaji	B. Sc III	<i>H.O.T</i>
36	Koli Karan Sunil	B. Sc III	<i>Koli Karan</i>
37	Shinde Arati Ananda	B. Sc III	<i>Arati Shinde</i>
38	Giri Deepak Prakash	B. Sc III	<i>Deepak Giri</i>
39	Khot Prathmesh Prakash	B. Sc III	<i>Prathmesh Khot</i>
40	Heralage Prathmesh Balaso	B. Sc III	<i>Prathmesh Herlage</i>
41	Danwade Mahmadiliyas Sameer	B. Sc III	<i>Sameer Danwade</i>
42	Sutale Rajashree Mahadev	B. Sc III	<i>R. M. Sutale</i>



[Signature]
Dr. D. A. Kumbhar
HEAD,
Department of Chemistry.
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR
**Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.**

**DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2024-25**

Notice

Date: 02/09/2024

All the students who confirmed their admissions to the certificate course entitled **Basic Analytical Techniques in Industry** are hereby informed that the theory lectures of this course will start from **05/09/2024** onwards. All students must attend lectures.



A handwritten signature in blue ink, appearing to read "Dr. D. A. Kumbhar".

Dr. D. A. Kumbhar

HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR
**Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.**

DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2024-25
Theory Workload Distribution

Sr.	Name of the faculty	Name of the topic
1	Dr. A. P. Patravale	Basic Concepts in Industrial Chemistry
2	Mr. R. P. Bharsat	
3	Dr. S. V. Mulik	Introduction to Analytical Techniques
4	Mr. N. H. Waghmare	
5	Mr. S. V. More	Unit Operations
6	Mr. V. B. Shinde	
7	Dr. D. J. Sutar	Laboratory Instrumentation
8	Dr. D. A. Kumbhar	
9	Dr. V. V. Gawade	Practicals
10	Miss. Priti Mane	Practicals



A handwritten signature in blue ink, appearing to be "D. A. Kumbhar".

Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.

DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2024-25
Time-Table

Time	Thursday	Friday	Saturday	Time
2:30 pm to 3:30 pm	DAK/NHW	APP/SVM	Practical	
3:30 pm to 4:30 pm	RPB/VBS	SVM/DJS	VVG/PVM	2:30 pm to 5:30

Sr.	Name of the faculty
1	Dr. D. A. Kumbhar
2	Dr. A. P. Patravale
3	Mr. R. P. Bharsat
4	Dr. S. V. Mulik
5	Mr. N. H. Waghmare
6	Mr. S. V. More
7	Mr. V. B. Shinde
8	Dr. D. J. Sutar
9	Dr. V. V. Gawade
10	Miss. P. V. Mane



A handwritten signature in blue ink, appearing to be "D. A. Kumbhar".

Dr. D. A. Kumbhar
HEAD,
Department of Chemistry.
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

Dissemination of Education for Knowledge, Science and Culture”

-Shikshan Maharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2024-25

Theory Attendance Report

Sr. No.	Student Name	05/9/24	6/9/24	12/9/24	13/9/24	14/9/24	19/9/24	20/9/24	21/9/24	26/9/24	27/9/24
1	Antin Basavraj Manjunath	BIAA	BIAA	BIAA	BIAA	BIAA	BIAA	BIAA	BIAA	BIAA	BIAA
2	Awale Suyash Bhavso	SBA	SBA	SBA	SBA	SBA	SBA	SBA	SBA	SBA	SBA
3	Balari Abhishek Vyankatesh	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari
4	Bhosale Rohan Satish	RSB	RSB	RSB	RSB	RSB	RSB	RSB	RSB	RSB	RSB
5	Danane Paras Shital	SR	SR	SR	SR	SR	SR	SR	SR	SR	Ab
6	Desai Khadija Jamir	KD	KD	KD	KD	KD	KD	KD	KD	KD	KD
7	Jangate Supriya Suresh	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS
8	Kamate Sanika Suresh	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK
9	Kambale Poonam Kiran	Rambale	Rambale	Rambale	Rambale	Rambale	Rambale	Rambale	Rambale	Rambale	Rambale
10	Kamire Shreya Mahesh	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya	Shreya
11	Katankar Shahid Hazrat	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH
12	Khot Aakansha Joti	KA	KA	KA	KA	KA	KA	KA	KA	KA	KA
13	Koli Sushant Pindu	Keli	Keli	Keli	Ab	Keli	Keli	Keli	Keli	Keli	Keli



Dissemination of Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2024-25

Practical Attendance Report

Sr. No.	Student Name	5/9/24	6/9/24	12/9/24	13/9/24	14/9/24	15/9/24	20/9/24	21/9/24	26/9/24	27/9/24
1	Antin Basavraj Manjunath	BMA	BMA	BMA	BMA	BMA	BMA	BMA	BMA	BMA	BMA
2	Awale Suyash Bhavso	JSB	JSB	JSB	JSB	JSB	JSB	JSB	JSB	JSB	JSB
3	Balari Abhishek Vyankatesh	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>	<u>A.V.Balkri</u>
4	Bhosale Rohan Satish	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>	<u>RSB</u>
5	Danane Paras Shital	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>	<u>SR</u>
6	Desai Khadija Jamir	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>	<u>KJDesai</u>
7	Jangate Supriya Suresh	<u>JS</u>	<u>JS</u>	<u>JS</u>	<u>JS</u>	<u>JS</u>	<u>JS</u>	<u>JS</u>	<u>JS</u>	<u>JS</u>	<u>JS</u>
8	Kamate Sanika Suresh	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>	<u>SKamate</u>
9	Kambale Poonam Kiran	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>	<u>Pambale</u>
10	Kamire Shreya Mahesh	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>	<u>SKamire</u>
11	Katankar Shahid Hazrat	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>	<u>SKatankar</u>
12	Khot Aakansha Joti	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>	<u>AKhot</u>
13	Koli Sushant Pindu	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>	<u>SKoli</u>



14	Kore Neha Manohar	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>	<u>Kore.</u>
15	Kurane Anisha Rahul	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>	<u>KRB</u>
16	Latane Abhishek Sanjay	<u>Alake</u>	<u>Alab</u>	<u>Alake</u>	<u>Alab</u>	<u>Alake</u>	<u>Alab</u>	<u>Alake</u>	<u>Alab</u>	<u>Alake</u>	<u>Alab</u>
17	Malwade Ajay Ravikant	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>	<u>Alle</u>
18	Miraje Amruta Vishwanath	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>	<u>Amute</u>
19	Mirajkar Vijay Abasaheb	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>
20	Naik Samruddhi Mahesh	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>
21	Patil Suraj Shahaji	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>	<u>S.S.P.</u>
22	Patil Vinayak Rajkumar	<u>VB</u>	<u>VB</u>	<u>VB</u>	<u>VB</u>	<u>VB</u>	<u>VB</u>	<u>VB</u>	<u>VB</u>	<u>VB</u>	<u>VB</u>
23	Patil Yash Anil	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>	<u>Y.Patil</u>
24	Patole Nikhil Yashwant	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>	<u>Natole</u>
25	Pujari Samruddhi Maruti	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>
26	Sagare Sanmati Sunil	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>	<u>Sanati</u>
27	Sawant Tejas Sanjay	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>	<u>T.S.Sawant</u>
28	Shikhare Rajvardhan Eknath	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>	<u>Shikare</u>
29	Shinde Sakshi Arvind	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Ab</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Ab</u>	<u>Shinde</u>	<u>Shinde</u>
30	Shinge Komal Maruti	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>	<u>Shingale</u>
31	Sutar Renuka Rajaram	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>



32	Teli Akshata Balu	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>	<u>Azeli</u>
33	Nade Ankita Dhananjay	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>	<u>ANKA</u>
34	Nadaf Tasnim Shahajan	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>	<u>Sladaf</u>
35	Hawaldar Dhiraj Tanaji	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>	<u>MDT</u>
36	Koli Karan Sunil	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>	<u>Kkoli</u>
37	Shinde Arati Ananda	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>	<u>Bhinde</u>
38	Giri Deepak Prakash	<u>DG</u>	<u>DG</u>	<u>DG</u>	<u>DG</u>	<u>DG</u>	<u>DG</u>	<u>DG</u>	<u>DG</u>	<u>DG</u>	<u>DG</u>
39	Khot Prathmesh Prakash	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>	<u>Prathmesh</u>
40	Heralage Prathmesh Balaso	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>	<u>PETHB</u>
41	Danwade Mahmadiliyas S.	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>	<u>DS</u>
42	Sutale Rajashree Mahadev	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>	<u>R.m.sutale</u>



[Handwritten Signature]

Dr. D. A. Kumbhar
HEAD,
Department of Chemistry
 Dattajirao Kadam Arts, Science
 & Commerce College,
 ICHALKARANJI.

Dissemination of Education for Knowledge, Science and Culture"

-Shikshan Maharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2024-25

Theory : Attendance Report

Sr. No.	Student Name	28/9/24	4/10/24	5/10/24	10/10/24	11/10/24	17/10/24	18/10/24	19/10/24	24/10/24	25/10/24
1	Antin Basavraj Manjunath	BAA	BAA	BAA	BAA	BAA	BAA	BAA	BAA	BAA	BAA
2	Awale Suyash Bhavso	SBS	SBS	SBS	SBS	SBS	SBS	SBS	SBS	SBS	SBS
3	Balari Abhishek Vyankatesh	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari	A.V.Balari
4	Bhosale Rohan Satish	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS
5	Danane Paras Shital	SP	SP	SP	SP	SP	Ab	SP	SP	SP	SP
6	Desai Khadija Jamir	Rdesai	Rdesai	Rdesai	Rdesai	Rdesai	Rdesai	Rdesai	Rdesai	Rdesai	Rdesai
7	Jangate Supriya Suresh	Sjangal	Sjangal	Sjangal	Sjangal	Sjangal	Sjangal	Sjangal	Sjangal	Ab	Sjangal
8	Kamate Sanika Suresh	Skamate	Skamate	Skamate	Skamate	Skamate	Skamate	Skamate	Skamate	Skamate	Skamate
9	Kambale Poonam Kiran	Ramble	Ramble	Ramble	Ramble	Ramble	Ramble	Ramble	Ramble	Ramble	Ramble
10	Kamire Shreya Mahesh	Ssheya	Ssheya	Ssheya	Ssheya	Ssheya	Ssheya	Ssheya	Ssheya	Ssheya	Ssheya
11	Katankar Shahid Hazrat	Sshahid	Sshahid	Sshahid	Sshahid	Sshahid	Sshahid	Sshahid	Sshahid	Sshahid	Sshahid
12	Khot Aakansha Joti	Sansha	Sansha	Sansha	Sansha	Sansha	Sansha	Sansha	Sansha	Sansha	Sansha
13	Koli Sushant Pindu	Keli	Keli	Keli	Keli	Keli	Keli	Keli	Keli	Keli	Keli



14	Kore Neha Manohar	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>	<u>Nore</u>
15	Kurane Anisha Rahul	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>	<u>ARE</u>
16	Latane Abhishek Sanjay	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>
17	Malwade Ajay Ravikant	<u>Malwade</u>	<u>Malwade</u>	<u>Malwade</u>	<u>Malwade</u>	<u>Malwade</u>	<u>Ab</u>	<u>Malwade</u>	<u>Malwade</u>	<u>Malwade</u>	<u>Malwade</u>
18	Miraje Amruta Vishwanath	<u>Miraje</u>	<u>Miraje</u>	<u>Miraje</u>	<u>Miraje</u>	<u>Miraje</u>	<u>Ab</u>	<u>Miraje</u>	<u>Miraje</u>	<u>Miraje</u>	<u>Miraje</u>
19	Mirajkar Vijay Abasaheb	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>	<u>VAM</u>
20	Naik Samruddhi Mahesh	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>	<u>Naik</u>
21	Patil Suraj Shahaji	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Ab</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
22	Patil Vinayak Rajkumar	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Ab</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
23	Patil Yash Anil	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Ab</u>
24	Patole Nikhil Yashwant	<u>Patole</u>	<u>Patole</u>	<u>Patole</u>	<u>Patole</u>	<u>Patole</u>	<u>Ab</u>	<u>Patole</u>	<u>Patole</u>	<u>Patole</u>	<u>Patole</u>
25	Pujari Samruddhi Maruti	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>	<u>Pujari</u>
26	Sagare Sanmati Sunil	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>	<u>Sagare</u>
27	Sawant Tejas Sanjay	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>	<u>TSS</u>
28	Shikhare Rajvardhan E.	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>	<u>Shikhare</u>
29	Shinde Sakshi Arvind	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
30	Shinge Komal Maruti	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>
31	Sutar Renuka Rajaram	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>	<u>Sutar</u>



32	Teli Akshata Balu	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata	Akshata
33	Nade Ankita Dhananjay	Ankita	Ankita	Ankita	Ankita	Ankita	Ab	Ankita	Ankita	Ankita	Ankita
34	Nadaf Tasnim Shahajan	Tasnim	Tasnim	Tasnim	Tasnim	Tasnim	Tasnim	Tasnim	Tasnim	Tasnim	Tasnim
35	Hawaldar Dhiraj Tanaji	H.D.T	H.D.T	H.D.T	H.D.T	H.D.T	Ab	H.D.T	H.D.T	H.D.T	H.D.T
36	Koli Karan Sunil	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli
37	Shinde Arati Ananda	Arati	Arati	Arati	Arati	Arati	Arati	Arati	Arati	Arati	Arati
38	Giri Deepak Prakash	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
39	Khot Prathmesh Prakash	P	P	P	P	P	P	P	P	P	P
40	Heralage Prathmesh Balaso	Prathmesh	Prathmesh	Prathmesh	Prathmesh	Prathmesh	Prathmesh	Prathmesh	Prathmesh	Prathmesh	Prathmesh
41	Danwade Mahmadiliyas S.	Danwade	Danwade	Danwade	Danwade	Danwade	Danwade	Danwade	Danwade	Danwade	Danwade
42	Sutale Rajashree Mahadev	R.m.Sutale	R.m.Sutale	R.m.Sutale	R.m.Sutale	R.m.Sutale	R.m.Sutale	R.m.Sutale	R.m.Sutale	R.m.Sutale	R.m.Sutale



[Signature]

Dr. D. A. Kumbhar
HEAD,
Department of Chemistry
 Dattajirao Kadam Arts, Science
 & Commerce College,
 ICHALKARANJI.

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.
DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2024-25

Notice

Date: 23/12/2024

All the students of the course **Basic Analytical Techniques in Industry** are hereby informed that the theory examination for this course is scheduled as below. All the students must remain present for the theory examination at the scheduled time. There is no provision for Re-examination.

Date	Time	Paper
26/12/2024	11:00 am to 12:30 pm	Paper-I
	01:00 pm to 04:00pm	Paper-II



A handwritten signature in blue ink, appearing to read "Dr. D. A. Kumbhar".

Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2024-25

Theory Paper-I Examination Attendance Report

Date: 26/12/2024

Class: B. Sc. III Chemistry

Time: 11:00 am to 12:30 pm

Sr. No.	Student Name	Sign	Sr. No.	Student Name	Sign
1	Antin Basavraj Manjunath		22	Patil Vinayak Rajkumar	
2	Awale Suyash Bhavso		23	Patil Yash Anil	
3	Balari Abhishek Vyankatesh		24	Patole Nikhil Yashwant	
4	Bhosale Rohan Satish		25	Pujari Samruddhi Maruti	
5	Danane Paras Shital		26	Sagare Sanmati Sunil	
6	Desai Khadija Jamir		27	Sawant Tejas Sanjay	
7	Jangate Supriya Suresh		28	Shikhare Rajvardhan E.	
8	Kamate Sanika Suresh		29	Shinde Sakshi Arvind	
9	Kambale Poonam Kiran		30	Shinge Komal Maruti	
10	Kamire Shreya Mahesh		31	Sutar Renuka Rajaram	
11	Katankar Shahid Hazrat		32	Teli Akshata Balu	
12	Khot Aakansha Joti		33	Nade Ankita Dhananjay	
13	Koli Sushant Pindu		34	Nadaf Tasnim Shahajan	
14	Kore Neha Manohar		35	Hawaladar Dhiraj Tanaji	
15	Kurane Anisha Rahul		36	Koli Karan Sunil	
16	Latane Abhishek Sanjay		37	Shinde Arati Ananda	
17	Malwade Ajay Ravikant		38	Giri Deepak Prakash	
18	Miraje Amruta Vishwanath		39	Khot Prathmesh Prakash	
19	Mirajkar Vijay Abasaheb		40	Heralage Prathmesh B.	
20	Naik Samruddhi Mahesh		41	Danwade Mahmadiliyas S.	
21	Patil Suraj Shahaji		42	Sutale Rajashree Mahadev	



Dr. D. A. Kumbhar
HEAD,

Department of Chemistry
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

शिक्षणमहर्षि डॉ. छापूजी बालुंबे

श्री स्वामी विवेकानंद शिक्षण संस्था, कोल्हापूरचे

Dattajirao Kadam Arts, Science & Commerce College,

Ichalkaranji.

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry Paper-II

Practical Examination 2024-25

Date:

Time: 3 hour

Marks: 20

Q.1. Perform any two experiment.

20 Marks

- 1) To determine the normality of strong acid by conductometric titration.
- 2) To determine the amount of nitrogen from given fertilizer sample.
- 3) Estimation the amount of Aspirin from given tablet.



“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2024-25

Practical Paper-II Examination Attendance Report

Date: 26/12/2024

Class: B. Sc. III Chemistry

Time: 01:00 am to 04:00 pm

Sr. No.	Student Name	Sign	Sr. No.	Student Name	Sign
1	Antin Basavraj Manjunath		22	Patil Vinayak Rajkumar	
2	Awale Suyash Bhavso		23	Patil Yash Anil	
3	Balari Abhishek Vyankatesh		24	Patole Nikhil Yashwant	
4	Bhosale Rohan Satish		25	Pujari Samruddhi Maruti	
5	Danane Paras Shital		26	Sagare Sanmati Sunil	
6	Desai Khadija Jamir		27	Sawant Tejas Sanjay	
7	Jangate Supriya Suresh		28	Shikhare Rajvardhan E.	
8	Kamate Sanika Suresh		29	Shinde Sakshi Arvind	
9	Kambale Poonam Kiran		30	Shinge Komal Maruti	
10	Kamire Shreya Mahesh		31	Sutar Renuka Rajaram	
11	Katankar Shahid Hazrat		32	Teli Akshata Balu	
12	Khot Aakansha Joti		33	Nade Ankita Dhananjay	
13	Koli Sushant Pindu		34	Nadaf Tasnim Shahajan	
14	Kore Neha Manohar		35	Hawaladar Dhiraj Tanaji	
15	Kurane Anisha Rahul		36	Koli Karan Sunil	
16	Latane Abhishek Sanjay		37	Shinde Arati Ananda	
17	Malwade Ajay Ravikant		38	Giri Deepak Prakash	
18	Miraje Amruta Vishwanath		39	Khot Prathmesh Prakash	
19	Mirajkar Vijay Abasaheb		40	Heralage Prathmesh B.	
20	Naik Samruddhi Mahesh		41	Danwade Mahmadiliyas S.	
21	Patil Suraj Shahaji		42	Sutale Rajashree Mahadev	



Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Jattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

"Dissemination of Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2024-25

Mark list

Sr. No.	Student Name	Paper-I	Paper-II	Total	Grade
1	Antin Basavraj Manjunath	22	15	37	A ⁺
2	Awale Suyash Bhavso	20	17	37	A ⁺
3	Balari Abhishek Vyankatesh	23	14	37	A ⁺
4	Bhosale Rohan Satish	19	13	32	A
5	Danane Paras Shital	15	12	27	B ⁺
6	Desai Khadija Jamir	17	10	27	B ⁺
7	Jangate Supriya Suresh	20	17	37	A ⁺
8	Kamate Sanika Suresh	24	15	39	A ⁺
9	Kambale Poonam Kiran	26	17	43	O
10	Kamire Shreya Mahesh	19	17	36	A ⁺
11	Katankar Shahid Hazrat	20	17	37	A ⁺
12	Khot Aakansha Joti	23	19	42	O
13	Koli Sushant Pindu	22	16	38	A ⁺
14	Kore Neha Manohar	22	14	36	A ⁺
15	Kurane Anisha Rahul	27	15	42	O
16	Latane Abhishek Sanjay	24	15	39	A ⁺
17	Malwade Ajay Ravikant	26	16	42	O
18	Miraje Amruta Vishwanath	19	14	33	A
19	Mirajkar Vijay Abasaheb	16	13	29	B ⁺
20	Naik Samruddhi Mahesh	16	13	29	B ⁺
21	Patil Suraj Shahaji	25	19	44	O
22	Patil Vinayak Rajkumar	26	17	43	O
23	Patil Yash Anil	26	17	43	O
24	Patole Nikhil Yashwant	19	15	34	A
25	Pujari Samruddhi Maruti	24	17	41	O



26	Sagare Sanmati Sunil	21	16	37	A ⁺
27	Sawant Tejas Sanjay	20	14	34	A
28	Shikhare Rajvardhan Eknath	20	16	36	A ⁺
29	Shinde Sakshi Arvind	24	17	41	O
30	Shinge Komal Maruti	26	17	41	O
31	Sutar Renuka Rajaram	17	14	31	A
32	Teli Akshata Balu	15	12	27	B ⁺
33	Nade Ankita Dhananjay	15	13	28	B ⁺
34	Nadaf Tasnim Shahajan	23	17	40	A ⁺
35	Hawaladar Dhiraj Tanaji	20	16	36	A ⁺
36	Koli Karan Sunil	20	16	36	A ⁺
37	Shinde Arati Ananda	21	14	35	A
38	Giri Deepak Prakash	22	15	37	A ⁺
39	Khot Prathmesh Prakash	23	17	40	A ⁺
40	Heralage Prathmesh Balaso	21	16	37	A ⁺
41	Danwade Mahmadiiyas Sameer	25	19	44	O
42	Sutale Rajashree Mahadev	24	17	41	O

Present: 42. Absent: 00 Total: 42

Mark range	Grade
41 and above	O
36 to 40	A ⁺
31 to 35	A
26 to 30	B ⁺
21 to 25	B




Dr. D. A. Kumbhar
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Dattajirao Kadam Arts, Science & Commerce

College, Ichalkaranji.

(Affiliated to Shivaji University, Kolhapur)




**Certificate Course in Basic Analytical Techniques in
Industry 2024-25**


Shri/Smt: Balari Abhishek Vyankatesh

Exam date: 26th December 2024


SeatNo.	PaperI	PaperII	Grand Total	Percentage	Grade	Remark
3	Theory	Practical				
Maximum Marks	30	20	50	74.00 %	A ⁺	Pass
Minimum for Passing	11	07	18			
Marks Obtained	23	14	37			

Date: -27th December 2024


Mr. N. H. Waghmare
Coordinator


Dr. D. A. Kumbhar
Head, Department of Chemistry




Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji



"Dissemination of Education for Knowledge, Science and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe



Shri Swami Vivekanand Shikshan Sanstha's Kolhapur

**Dattajirao Kadam Arts, Science and
Commerce College, Ichalkaranji.**

(Affiliated to Shivaji University, Kolhapur)

Certificate

This is to certify that **Mr. Balari Abhishek Vyankatesh** has attended the certificate course in *"Basic Analytical Techniques in Industry"* from **Aug 2024** to **Dec 2024** and completed the course satisfactorily in **A⁺** grade.

Date: 27th Dec 2024



Mr. N. H. Waghmare
Coordinator

Dr. D. A. Kumbhar
Head, Department of Chemistry

Dr. S. M. Maner
Principal,
D.K.A.S.C. College,
Ichalkaranji.