

"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

Department of Chemistry

Date: 22/08/2025

Permission Letter

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 2025-26. So hereby we are requesting you to permit us to conduct the said course in these academic year.

Thanking You,

Yours's faithfully



Dr. D. A. Kumbhar

HEAD,

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



मंडळी सादर
23/08/25

Handwritten signature
23/08/25

"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

Department of Chemistry

Date: 22/08/2025

Sanction Letter

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 **2025-26** our department will conduct a Short Term Course entitled "**Basic Analytical Chemistry in Industry**" for B.Sc. II 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. K. Khade (Principal)

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

Internal Member: Mr. R. P. Bharsat (D.K.A.S.C. College Ichalkaranji)

External Member: Dr. Ajay Niwruittirao Ambhore (Vivekanand College, Kolhapur)

External Member: Mr. Pradeep Patil (DKTE College Ichalkaranji)

So please sanction the mentioned B.O.S members.

Thanking You.

Yours faithfully

मेन्बरसाठी सादर
23/08/25

23/08/25




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



स्थापना : जून १९६२



NAAC- "B+" Grade

"Dissemination of Education for Knowledge, Science & Culture" - Sikshanmaharshi 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

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
Prof. (Dr.) S. K. Khade
M.Sc. Ph.D.

Outward No. : DKASC / समदी - 2025-26

Date : 22/08/2025

Invitation Letter

To,

Mr. Pradeep Patil
Assistant Professor,
DKTE College, Ichalkaranji

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 a B+ grade by NAAC. The courses we offer are as follows.

Course	Intake
B.Sc. II	120

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,

Prof. (Dr.) S. K. Khade
PRINCIPAL
Dattajirao Kadam A. S. C. College
Ichalkaranji



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स्थापना : जून १९६२



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Founder Sikshanmaharshi Dr. Bapuji Salunkhe	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 Prof. (Dr.) S. K. Khade M.Sc. Ph.D.
--	--	--	---	---

Outward No. : DKASC / समस 2025-26 **Invitation Letter**

Date : 22/08/2025

To,

Dr. Ajay Niwruittirao Ambhore
Associate 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 a B+ grade by NAAC. The courses we offer are as follows.

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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,

Prof. (Dr.) S. K. Khade
PRINCIPAL
Dattajirao Kadam A. S. C. College
Ichalkaranji



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"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

Department of Chemistry

Date: 23/08/2025

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 Mon, 25th Aug, 2025 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

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-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's Kolhapur

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

Department of Chemistry

Date: 25/08/2025

Minutes of Meeting

A meeting of Board of Studies of the Basic Analytical Techniques in Industry course. Course was held on 25/08/2025 at 08:30 AM in on line mode.

The following members were present

Name of the member	Nomination
Prof. (Dr.) S. Khade	Chairman
Dr. D. A. Kumbhar	Member
Dr. A. N. Ambhore	Member
Mr. Pradeep Patil	Member
Mr. R. P. Bharsat	Member

Leave of absence

Leave of absence was granted to the Dr. A. N. Ambhore, (External Member) by the Chairman Board of Studies.

The Mr. R. P. Bharsat welcome all the members who were present for the meeting and meeting initiate with the guidance of Chairman Principal Prof. (Dr.) S. K. Khade. 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

Mr. Pradeep Patil 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

Mr. Pradeep Patil 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. R. P. Bharsat 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.



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

Academic Year 2025-26

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.



स्थापना : जून, १९६२



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Founder Sikshanmaharshi Dr. Bapuji Salunkhe	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 Prof. (Dr.) S. K. Khade M.Sc. Ph.D.
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Outward No. : DKASC / समस्त 2025-26

Date : 25/08/2025

Appreciation Letter

To,
Dr. Ajay Niwruittirao Ambhore
Associate 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. II of all students. Once again, thank you for your presence, valuable suggestion and guidance. We appreciate your continued support.

Thanking You.



Yours's faithfully

Prof. (Dr.) S. K. Khade
Principal,
D.K.A.S.C. College,
Ichalkaranji.

Received
Ganesh
25/8/25



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स्थापना : जून १९६२



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Founder
Shikshanmaharshi Dr. Bapuji Salunkhe

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Gov. of Maharashtra

Chairman
Hon. Prin. Abhaykumar Salunkhe
M.A.

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

Principal
Prof. (Dr.) S. K. Khade
M.Sc. Ph.D.

Outward No. : DKASC / समझ २०२५-२६

Date : २५/०८/२०२५

Appreciation Letter

To,

Mr. Pradeep Patil

Assistant Professor,

DKTE College, Ichalkaranji

Subject - Appreciation Letter...

Respected Sir,

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Thanking You.



Yours's faithfully

Prof. (Dr.) S. K. Khade
Principal,
D.K.A.S.C. College,
Ichalkaranji



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SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S
Dattajirao Kadam
Arts, Science & Commerce College, Ichalkaranji.
DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2025-26

Date: 25/08/2025

Notice

All the students of B. Sc. II Chemistry (Major/Minor) 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. So register your names for the said course. Contact Mr. R. P. Bharsat, Department of Chemistry with documents.

Documents Required

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




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

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Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2025-26

Enrollment list

Sr. No.	Roll No.	Name of Students	Sign
1	5313	ABDAGIRE MISBA ALLAUDDIN	<u>Abdagire.</u>
2	5314	ATTAR HABIBULLA NAJIR	<u>H.N. Attar.</u>
3	5315	BAGADI PUNAM MAHADEV	<u>Bagadi</u>
4	5316	BAGWAN MAHAMMAD SHAHID IRFAN	<u>Shahid</u>
5	5317	BELEKAR SWAPNIL	<u>Swapnil</u>
6	5318	BHOSALE RIYA JAYSING	<u>R.Bhosale</u>
7	5319	BORADE VRUSAHLI JOTIBA	<u>V.Borade</u>
8	5320	CHAVAN AJAY MASANU	<u>Chavan</u>
9	5321	GHORAPADE AAKASHI CHANDRAKANT	<u>Akshita</u>
10	5322	GURVAN PARTH ASHOK	<u>Parth</u>
11	5323	HEGADE SHAMUVEL VIJAY	<u>Shamuel</u>
12	5324	HEMGIRE VIJAY AMIT	<u>Vijay</u>
13	5325	HUDEDMANI MEERA MAHESH	<u>Meera</u>
14	5326	INAMDAR ABDULGAFAR MODIN	<u>Gafar</u>
15	5327	JAMADAR ASAD IMTIYAZ	<u>Asad</u>
16	5328	JAMADAR RIHAN RITAZ	<u>Rihan</u>
17	5329	JAMBHALE DHANSHREE SACHIN	<u>Dhan</u>
18	5330	KALAWANT SANIYA RAKUMAR	<u>Saniya</u>
19	5331	KAMATE DHAIRYASHIL BALASO	<u>Dhairyashil</u>
20	5332	KAMBLE MANASI RAKESH	<u>M.R. Kamble</u>
21	5333	KETKALE PRENA SATISH	<u>Pren</u>
22	5334	KUMBHAR PRANALI BABASAHEB	<u>Pranali</u>
23	5335	KURANE KADAMBHARI KHANDERAO	<u>Kurane</u>
24	5336	MALI RAJANDINI MUKUD	<u>Raj</u>
25	5337	MANE MANAS RAN	<u>Mane</u>



26	5338	MANE PAYAL BAJRANG	<u>Mane.</u>
27	5339	MANE PRATIKSHA SHANKAR	<u>Mane.</u>
28	5340	MUDSHINGE ARCHANA ANIL	<u>A.A. Mudshinge</u>
29	5341	NALAWADE BHAKTI ARVIND	<u>Nalawade</u>
30	5342	PATEL ISMAIL AYYAJ	<u>Patel</u>
31	5343	PATIL SHRAVAN JAGANNATH	<u>S.J. Patil</u>
32	5344	PATIL SUSHANT ARUN	<u>S.A. Patil</u>
33	5345	PAWAR ATHAR SURESH	<u>Pawar</u>
34	5346	PETKAR PRANAV MADHAV	<u>P.P.M</u>
35	5347	RANE AKSHAY SHIVAJI	<u>Rane</u>
36	5348	SALOKHE POOJA CHANDRAKANT	<u>Salokhe</u>
37	5349	SHAIKH MOHAMMADSAD DASTAGIR	<u>M. Shaiikh</u>
38	5350	SHAIKH RAUJA HARUN	<u>Shaiikh</u>
39	5351	SHIAKH ABDUL RAHIMTULLAH	<u>A.R. Shaiikh</u>
40	5352	SHINDE JYOTI ANANDA	<u>Shinde</u>
41	5353	SHINGE ATHARVA VIKAS	<u>Shinge</u>
42	5354	SOMANE VRUSHALI SURESH	<u>Somane</u>
43	5355	SUTAR YURAJ SANJAY	<u>Y.S.S.</u>
44	5356	VARELE ADITI CHANDRAKANT	<u>Varele</u>
45	5448	TODKAR PRATIK ASHOK	<u>P.A.T</u>
46	5449	CHOUGULE SNEHAL DHANANJAY	<u>Snehal G</u>
47	5451	DUBEY SUMIT SANTOSH	<u>D.S.S.</u>
48	5452	KOKARE ATHARV BHIMRAO	<u>Kokare</u>
49	5453	SHINGE VISHAL PRAKASH	<u>Shinge</u>

50

Patil Samiksha Satish

Spatil



[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 2025-26

Notice

Date: 08/09/2025

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 **09/09/2025** onwards. All students must attend lectures.



A handwritten signature in black ink, appearing to be "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 2025-26

Theory Workload Distribution

Sr. No.	Name of 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	Dr. A. A. Yadav	
5	Mr. S. V. More	Unit Operations
6	Mr. V. B. Shinde	
7	Mr. P. A. Giri	Laboratory Instrumentation
8	Dr. D. A. Kumbhar	
9	Dr. V. V. Gawade	Practicals
10	Miss. Priti Mane	Practicals



A handwritten signature in blue ink.

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 2025-26
Time-Table

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

Sr. No.	Name of faculty
1	Dr. D. A. Kumbhar
2	Dr. A. P. Patravale
3	Mr. R. P. Bharsat
4	Dr. S. V. Mulik
5	Mr. S. V. More
6	Mr. V. B. Shinde
7	Dr. V. V. Gawade
8	Dr. A. A. Yadav
9	Miss. P. V. Mane
10	Mr. P. A. Giri




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

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2025-26

Theory Attendance Report

Sr. No.	Name of Students	11/09/25	12/09/25	18/09/28	19/09/28	25/09/28	26/09/28	31/10/28	9/10/28	10/10/28	30/10/28
1	Abdagire Misba Allaaddin	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire
2	Attar Habibulla Najir	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar
3	Bagadi Punam Mahadev	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi
4	Bagwan Mahammad S.	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan
5	Belekar Swapnil	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar
6	Bhosale Riya Jaysing	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
7	Borade Vrusahli Jotiba	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade
8	Chavan Ajay Masanu	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
9	Ghorapade Aakash C.	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade
10	Gurvan Parth Ashok	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan	P.A.Gurvan
11	Hegade Shamuvel Vijay	Shamuvel	Shamuvel	Shamuvel	Shamuvel	Shamuvel	Shamuvel	Shamuvel	Shamuvel	Shamuvel	Shamuvel
12	Hemgire Vijay Amit	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire
13	Hudedmani Meera Mahesh	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani
14	Inamdar Abdulgafar Modin	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar
15	Jamadar Asad Imtiyaz	Asad	Asad	Asad	Asad	Asad	Asad	Asad	Asad	Asad	Asad



16	Jambhale Rihan Ritaz	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale
	Jambhale Dhanshree Sachin	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale	D.S. Jambhale
18	Jambhale Saniya Rakumar	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya
19	Kamate Dhairyashil Balaso	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate
20	Kamble Manasi Rakesh	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
21	Ketkale Prena Satish	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale
22	Kumbhar Pranali Babasaheb	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar
23	Kurane Kadambhari K.	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane
24	Mali Rajandini Mukud	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali
25	Mane Manasi Kiran	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane
26	Mane Payal Bajrang	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane
27	Mane Pratiksha Shankar	P. Mane	P. Mane	P. Mane	P. Mane	P. Mane	P. Mane	P. Mane	P. Mane	P. Mane	P. Mane
28	Mudshinge Archana Anil	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M
29	Nalawade Bhakti Arvind	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti
30	Patel Ismail Ayyaj	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel
1	Patil Shravan Jagannath	S.J. Patil	S.J. Patil	S.J. Patil	S.J. Patil	S.J. Patil	S.J. Patil	S.J. Patil	S.J. Patil	S.J. Patil	S.J. Patil
2	Patil Sushant Arun	S.A. Patil	S.A. Patil	S.A. Patil	S.A. Patil	S.A. Patil	S.A. Patil	S.A. Patil	S.A. Patil	S.A. Patil	S.A. Patil
3	Pawar Athar Suresh	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
4	Petkar Pranav Madhav	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M
5	Rane Akshay Shivaji	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane
6	Salokhe Pooja Chandrakant	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe
7	Shaikh Mohammadsad D.	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh

38	Shaikh Rauja Harun	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>
39	Shiakh Abdul Rahimtullah	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>	<u>A.P. Shaikh</u>
40	Shinde Jyoti Ananda	<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>
41	Shinge Atharva Vikas	<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>
42	Somane Vrushali Suresh	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>
43	Sutar Yuraj Sanjay	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>
44	Varele Aditi Chandrakant	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>
45	Todkar Pratik Ashok	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>
46	Chougule Snehal Dhananjay	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>
47	Dubey Sumit Santosh	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>
48	Kokare Atharv Bhimrao	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>	<u>K.A. Bhimrao</u>
49	Shinge Vishal Prakash	<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>
50	Samiksha Patil	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>



[Signature]

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DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2025-26

Theory Attendance Report

Sr. No.	Name of Students	31/10/25	6/11/25	7/11/25	13/11/25	14/11/25	20/11/25	21/11/25	27/11/25	28/11/25	29/11/25
1	Abdagire Misba Allauddin	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire
2	Attar Habibulla Najir	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar
3	Bagadi Punam Mahadev	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi
4	Bagwan Mahammad S.	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan
5	Belekar Swapnil	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar
6	Bhosale Riya Jaysing	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
7	Borade Vrusahli Jotiba	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade
8	Chavan Ajay Masanu	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
9	Ghorapade Aakash C.	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade
10	Gurvan Parth Ashok	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan
11	Hegade Shamuvel Vijay	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade
12	Hemgire Vijay Amit	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire
13	Hudedmani Meera Mahesh	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani
14	Inamdar Abdulgafar Modin	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar
15	Jamadar Asad Imtiyaz	Jamadar	Jamadar	Jamadar	Jamadar	Jamadar	Jamadar	Jamadar	Jamadar	Jamadar	Jamadar

16	Jamadar Rihan Ritaz	Jamdar	Jamadar	Jamdar	Jamdar	Jamadar	Jamadar	Jamadar	Jamadar	Jamadar	Jamdar
17	Jambhale Dhanshree Sachin	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale
18	Kalawant Saniya Rakumar	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya
19	Kamate Dhairyashil Balaso	Bamate	Bamate	Bamate	Bamate	Bamate	Bamate	Bamate	Bamate	Bamate	Bamate
20	Kamble Manasi Rakesh	Rkamble	Rkamble	Rkamble	Rkamble	Rkamble	Rkamble	Rkamble	Rkamble	Rkamble	Rkamble
21	Ketkale Prena Satish	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale
22	Kumbhar Pranali Babasaheb	Rkumbh	Rkumbh	Rkumbh	Rkumbh	Rkumbh	Rkumbh	Rkumbh	Rkumbh	Rkumbh	Rkumbh
23	Kurane Kadambhari K.	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane	Kurane
24	Mali Rajandini Mukud	Rmali	Rmali	Rmali	Rmali	Rmali	Rmali	Rmali	Rmali	Rmali	Rmali
25	Mane Manasi Kiran	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane
26	Mane Payal Bajrang	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane
27	Mane Pratiksha Shankar	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane	Rmane
28	Mudshinge Archana Anil	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M
29	Nalawade Bhakti Arvind	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti
30	Patel Ismail Ayyaj	Ratel	Ratel	Ratel	Ratel	Ratel	Ratel	Ratel	Ratel	Ratel	Ratel
31	Patil Shravan Jagannath	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati
32	Patil Sushant Arun	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati
33	Pawar Athar Suresh	Apawar	Apawar	Apawar	Apawar	Apawar	Apawar	Apawar	Apawar	Apawar	Apawar
34	Petkar Pranav Madhav	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M
35	Rane Akshay Shivaji	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane
36	Salokhe Pooja Chandrakant	Rsalokhe	Rsalokhe	Rsalokhe	Rsalokhe	Rsalokhe	Rsalokhe	Rsalokhe	Rsalokhe	Rsalokhe	Rsalokhe
37	Shaikh Mohammadsad D	Rshaikh	Rshaikh	Rshaikh	Rshaikh	Rshaikh	Rshaikh	Rshaikh	Rshaikh	Rshaikh	Rshaikh



38	Shaikh Rauja Harun	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>
39	Shiakh Abdul Rahimtullah	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>	<u>A.R.Shikh</u>
40	Shinde Jyoti Ananda	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>	<u>JPS</u>
41	Shinge Atharva Vikas	<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>
42	Somanie Vrushali Suresh	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>	<u>Somanie</u>
43	Sutar Yuraj Sanjay	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>
44	Varele Aditi Chandrakant	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>	<u>Varale</u>
45	Todkar Pratik Ashok	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>	<u>P.A.I</u>
46	Chougule Snehal Dhananjay	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>	<u>Snehalg</u>
47	Dubey Sumit Santosh	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>
48	Kokare Atharv Bhimrao	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>	<u>K.A.Bhimrao</u>
49	Shinge Vishal Prakash	<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>
50	Patil Sumiksha Satish	<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>Patil</u>



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DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2025-26

Practical Attendance Report

Sr. No.	Name of Students	9/9/25	13/9/25	20/9/25	27/9/25	4/10/25	11/10/25	01/11/25	8/11/25	15/11/25	22/11/25
1	Abdagire Misba Allauddin	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire	Abdagire
2	Attar Habibulla Najir	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar	Attar
3	Bagadi Punam Mahadev	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi	Bagadi
4	Bagwan Mahammad S.	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan	Bagwan
5	Belekar Swapnil	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar	Belekar
6	Bhosale Riya Jaysing	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
7	Borade Vrusahli Jotiba	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade	Borade
8	Chavan Ajay Masanu	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
9	Ghorapade Aakash C.	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade	Ghorapade
10	Gurvan Parth Ashok	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan	Gurvan
11	Hegade Shamuvel Vijay	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade	Hegade
12	Hemgire Vijay Amit	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire	Hemgire
13	Hudedmani Meera Mahesh	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani	Hudedmani
14	Inamdar Abdulgafar Modin	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar	Gafar
15	Jamadar Asad Imtiyaz	Asad	Asad	Asad	Asad	Asad	Asad	Asad	Asad	Asad	Asad

	Kamadar Rihan Ritaz	Kamadar	Kamadar	Kamadar	Kamadar	Kamadar	Kamadar	Kamadar	Kamadar	Kamadar	Kamadar
	Jambhale Dhanshree Sachin	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale	D.S.Jambhale
18	Kalawant Saniya Rakumar	Sanige	Sanige	Sanige	Sanige	Sanige	Sanige	Sanige	Sanige	Sanige	Sanige
19	Kamate Dhairyashil Balaso	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate	Kamate
20	Kamble Manasi Rakesh	Bkamble	Bkamble	Bkamble	Bkamble	Bkamble	Bkamble	Bkamble	Bkamble	Bkamble	Bkamble
21	Ketkale Prena Satish	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale	Ketkale
22	Kumbhar Pranali Babasaheb	Bkumbh	Bkumbh	Bkumbh	Bkumbh	Bkumbh	Bkumbh	Bkumbh	Bkumbh	Bkumbh	Bkumbh
23	Kurane Kadambhari K.	Bkurane	Bkurane	Bkurane	Bkurane	Bkurane	Bkurane	Bkurane	Bkurane	Bkurane	Bkurane
24	Mali Rajandini Mukud	Bmali	Bmali	Bmali	Bmali	Bmali	Bmali	Bmali	Bmali	Bmali	Bmali
25	Mane Manasi Kiran	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane
26	Mane Payal Bajrang	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane
27	Mane Pratiksha Shankar	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane	Bmane
28	Mudshinge Archana Anil	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M	A.A.M
29	Nalawade Bhakti Arvind	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti
30	Patel Ismail Ayyaj	Batel	Batel	Batel	Batel	Batel	Batel	Batel	Batel	Batel	Batel
31	Patil Shravan Jagannath	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati	SJPati
32	Patil Sushant Arun	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati	S.A.Pati
33	Pawar Athar Suresh	APawar	APawar	APawar	APawar	APawar	APawar	APawar	APawar	APawar	APawar
34	Petkar Pranav Madhav	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M	P.P.M
35	Rane Akshay Shivaji	Bane	Bane	Bane	Bane	Bane	Bane	Bane	Bane	Bane	Bane
36	Salokhe Pooja Chandrakant	Bsalokhe	Bsalokhe	Bsalokhe	Bsalokhe	Bsalokhe	Bsalokhe	Bsalokhe	Bsalokhe	Bsalokhe	Bsalokhe
37	Shaikh Mohammadsad D.	Bshaikh	Bshaikh	Bshaikh	Bshaikh	Bshaikh	Bshaikh	Bshaikh	Bshaikh	Bshaikh	Bshaikh

38	Shaikh Rauja Harun	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>
39	Shiakh Abdul Rahimtullah	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>	<u>A.R. Bk</u>
40	Shinde Jyoti Ananda	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>	<u>JBS</u>
41	Shinge Atharva Vikas	<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>
42	Somane Vrushali Suresh	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>	<u>Somane</u>
43	Sutar Yuraj Sanjay	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>	<u>Y.S.S</u>
44	Varele Aditi Chandrakant	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>	<u>Varele</u>
45	Todkar Pratik Ashok	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>	<u>P.A.T</u>
46	Chougule Snehal Dhananjay	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>
47	Dubey Sumit Santosh	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>	<u>D.S.S</u>
48	Kokare Atharv Bhimrao	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>	<u>K.A. Bhim</u>
49	Shinge Vishal Prakash	<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>
s'o patil Samiksha		<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>Patil</u>



(Signature)

Dr. D. A. Kumbhar

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

DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2025-26

Notice

Date: 02/12/2025

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
03/12/2025	11:00 am to 12:30 pm	Paper-I
	01:00 pm to 04:00pm	Paper-II




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Shri Swami Vivekanand Shikshan Sanstha's
Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji
DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2025-26
Theory Paper-I Examination Attendance Report

Date: 03/12/20245

Class: B. Sc. II Chemistry

Time: 11:00 am to 12:30 pm

Sr. No.	Student Name	Sign	Sr. No.	Student Name	Sign
1	Abdagire Misba Allauddin	Abdagire	26	Mane Payal Bajrang	Mane
2	Attar Habibulla Najir	Attar	27	Mane Pratiksha Shankar	Mane
3	Bagadi Punam Mahadev	Bagadi	28	Mudshinge Archana Anil	A.A. Mudshinge
4	Bagwan Mahammad S.	Bagwan	29	Nalawade Bhakti Arvind	Bhakti
5	Belekar Swapnil	Belekar	30	Patel Ismail Ayyaj	Patel
6	Bhosale Riya Jaysing	Bhosale	31	Patil Shravan Jagannath	S.J. Patil
7	Borade Vrusahli Jotiba	Borade	32	Patil Sushant Arun	S.A. Patil
8	Chavan Ajay Masanu	Chavan	33	Pawar Athar Suresh	Pawar
9	Ghorapade Aakash C.	Ghorapade	34	Petkar Pranav Madhav	P.P.M.
10	Gurvan Parth Ashok	P.A. Gurvan	35	Rane Akshay Shivaji	Rane
11	Hegade Shamuvel Vijay	Hegade	36	Salokhe Pooja Chandrakant	Salokhe
12	Hemgire Vijay Amit	Hemgire	37	Shaikh Mohammadsad D.	Shaikh
13	Hudedmani Meera Mahesh	Hudedmani	38	Shaikh Rauja Harun	Shaikh
14	Inamdar Abdulgafar Modin	Inamdar	39	Shiakh Abdul Rahimtullah	Shiakh
15	Jamadar Asad Intiyaz	Jamadar	40	Shinde Jyoti Ananda	Shinde
16	Jamadar Rihan Ritaz	Jamadar	41	Shinge Atharva Vikas	Shinge
17	Jambhale Dhanshree Sachin	D.S. Jambhale	42	Somane Vrushali Suresh	Somane
18	Kalawant Saniya Rakumar	Kalawant	43	Sutar Yuraj Sanjay	Y.S.S
19	Kamate Dhairyashil Balaso	Kamate	44	Varele Aditi Chandrakant	Varele
20	Kamble Manasi Rakesh	Kamble	45	Todkar Pratik Ashok	P.A.T
21	Ketkale Prena Satish	Ketkale	46	Chougule Snehal Dhananjay	Snehal
22	Kumbhar Pranali Babasaheb	Kumbhar	47	Dubey Sumit Santosh	D.S.S
23	Kurane Kadambhari K.	Kurane	48	Kokare Atharv Bhimrao	K.A. Bhimrao
24	Mali Rajandini Mukud	Mali	49	Shinge Vishal Prakash	Shinge
25	Mane Manasi Kiran	Mane	50	Patil Samiksha Satish	Patil



[Signature]

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Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji

DEPARTMENT OF CHEMISTRY

Academic Year 2025-26

Basic Analytical Techniques in Industry Paper-I

Date: 03/12/2025

Time: 1.5 hour

Marks: 30

Q.1. Select the most correct alternative from the following and rewrite the sentence. 10 Marks

- i) What is a common application of a conductometer in a laboratory setting?
- a) Measuring the colour of a solution b) Determining the pH of a solution
c) Analysing the electrical conductivity of a solution d) Observing the optical rotation of a substance.
- ii) The number of.....of solute present in one dm³ of solution is known as normality
- a) Moles b) Gram mole c) Grams d) Gram equivalent
- iii) Equivalent weight is defined as:
- a) The weight of one mole of a substance b) The weight of one equivalent of a substance
c) The weight of one litre of a substance d) The weight of one gram of a substance
- iv) In adsorption chromatography, separation is based on:
- a) Differences in solubility b) Differences in boiling points
c) Differences in adsorption to a solid surface d) Differences in melting points
- v) Distillation flask is also called as.....
- a) Reboiler or pot b) Condenser c) Receiver d) Any of these
- vi) Which of the following is an example of a unit operation in a chemical process?
- a) Distillation b) Polymerization c) Catalysis d) Filtration
- vii) Potentiometer does not measure.....
- a) emf of the two cell b) the unknown temp.
c) Internal Resistance d) compare the emf of two cell
- viii) The unit of conductance is.....
- a) Ohm b) Tesla c) Siemen d) Gauss
- ix) Which of the following is the formula for pH Calculation
- a) $\log_{10} [H^+]$ b) $-\log_{10} [H^+]$ c) $\log_2 [H^+]$ d) $-\log_2 [H^+]$
- x) What is a common application of a conductometer in a laboratory setting?
- a) Measuring the color of a solution b) Determining the pH of a solution
c) Analysing the electrical conductivity of a solution d) Observing the optical rotation of a substance.

Q.2. Attempt any one of the following.

10 Marks

- a) Define the term "unit operation" in the context of industrial chemistry.
b) Write a precise note on Lambert-Beer's law.

Q.3. Attempt any two of the following.

10 Marks

- a) Differentiate between simple distillation and fractional distillation.
b) Write a short note on classification of chromatography.
c) Define the terms- Normality, Molarity, Molality, Equivalent weight.



Shri Swami Vivekanand Shikshan Sanstha's
Dattajirao Kadam Arts, Science and Commerce College Ichalkaranji
DEPARTMENT OF CHEMISTRY
Basic Analytical Techniques in Industry 2025-26
Practical Paper-II Examination Attendance Report

Date: 03/12/2025

Class: B. Sc. II Chemistry

Time: 01:00 am to 04:00 pm

Sr. No.	Student Name	Sign	Sr. No.	Student Name	Sign
1	Abdagire Misba Allauddin		26	Mane Payal Bajrang	
2	Attar Habibulla Najir		27	Mane Pratiksha Shankar	
3	Bagadi Punam Mahadev		28	Mudshinge Archana Anil	
4	Bagwan Mahammad S.		29	Nalawade Bhakti Arvind	
5	Belekar Swapnil		30	Patel Ismail Ayyaj	
6	Bhosale Riya Jaysing		31	Patil Shravan Jagannath	
7	Borade Vrusahli Jotiba		32	Patil Sushant Arun	
8	Chavan Ajay Masanu		33	Pawar Athar Suresh	
9	Ghorapade Aakashi C.		34	Petkar Pranav Madhav	
10	Gurvan Parth Ashok		35	Rane Akshay Shivaji	
11	Hegade Shamuvel Vijay		36	Salokhe Pooja Chandrakant	
12	Hemgire Vijay Amit		37	Shaikh Mohammadsad D.	
13	Hudedmani Meera Mahesh		38	Shaikh Rauja Harun	
14	Inamdar Abdulgafar Modin		39	Shiakh Abdul Rahimtullah	
15	Jamadar Asad Imtiyaz		40	Shinde Jyoti Ananda	
16	Jamadar Rihan Ritaz		41	Shinge Atharva Vikas	
17	Jambhale Dhanshree Sachin		42	Somane Vrushali Suresh	
18	Kalawant Saniya Rakumar		43	Sutar Yuraj Sanjay	
19	Kamate Dhairyashil Balaso		44	Varele Aditi Chandrakant	
20	Kamble Manasi Rakesh		45	Todkar Pratik Ashok	
21	Ketkale Prena Satish		46	Chougule Snehal Dhananjay	
22	Kumbhar Pranali Babasaheb		47	Dubey Sumit Santosh	
23	Kurane Kadambhari K.		48	Kokare Atharv Bhimrao	
24	Mali Rajandini Mukud		49	Shinge Vishal Prakash	
25	Mane Manasi Kiran		50	Patil Samiksha Satish	



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“ज्ञान, विज्ञान आणि सुसंवर्धन यासाठी शिक्षणप्रदान”

शिक्षणमहर्षि डॉ. बापूजी साळुंखे

श्री बप्पामी विवेकानंद शिक्षण संस्था, कोल्हापूरचे

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

DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry Paper-II

Practical Examination 2025-26

Date: 03/12/2025

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.



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DEPARTMENT OF CHEMISTRY

Basic Analytical Techniques in Industry 2025-26

Mark list

Sr. No.	Student Name	Paper-I	Paper-II	Total	Grade
1	Abdagire Misba Allauddin	24	18	42	O
2	Attar Habibulla Najir	22	19	41	O
3	Bagadi Punam Mahadev	26	17	39	A ⁺
4	Bagwan Mahammad S.	25	15	40	A ⁺
5	Belekar Swapnil	23	16	39	A ⁺
6	Bhosale Riya Jaysing	21	15	36	A ⁺
7	Borade Vrusahli Jotiba	26	18	44	O
8	Chavan Ajay Masanu	24	19	43	O
9	Ghorapade Aakash C.	25	18	43	O
10	Gurvan Parth Ashok	26	19	45	O
11	Hegade Shamuvel Vijay	25	15	40	A ⁺
12	Hemgire Vijay Amit	24	14	38	A ⁺
13	Hudedmani Meera Mahesh	23	17	40	A ⁺
14	Inamdar Abdulgafar Modin	25	16	41	O
15	Jamadar Asad Imtiyaz	22	15	37	A ⁺
16	Jamadar Rihan Ritaz	21	15	36	A ⁺
17	Jambhale Dhanshree Sachin	25	18	43	O
18	Kalawant Saniya Rakumar	23	19	42	O
19	Kamate Dhairyashil Balaso	25	16	41	O
20	Kamble Manasi Rakesh	24	15	39	A ⁺
21	Ketkale Prena Satish	22	15	37	A ⁺
22	Kumbhar Pranali Babasaheb	21	16	37	A ⁺
23	Kurane Kadambhari K.	25	18	43	O
24	Mali Rajandini Mukud	24	17	41	O
25	Mane Manasi Kiran	23	15	38	A ⁺



26	Mane Payal Bajrang	25	18	43	O
27	Mane Pratiksha Shankar	24	19	43	O
28	Mudshinge Archana Anil	24	17	41	O
29	Nalawade Bhakti Arvind	26	18	44	O
30	Patel Ismail Ayyaj	22	19	41	O
31	Patil Shravan Jagannath	24	18	42	O
32	Patil Sushant Arun	23	19	42	O
33	Pawar Athar Suresh	24	18	42	O
34	Petkar Pranav Madhav	25	17	42	A ⁺
35	Rane Akshay Shivaji	26	16	42	O
36	Salokhe Pooja Chandrakant	21	15	36	A ⁺
37	Shaikh Mohammadsad D.	22	15	37	A ⁺
38	Shaikh Rauja Harun	23	16	39	A ⁺
39	Shiakh Abdul Rahimtullah	25	17	42	O
40	Shinde Jyoti Ananda	24	18	42	O
41	Shinge Atharva Vikas	25	19	44	O
42	Somane Vrushali Suresh	24	16	40	A ⁺
43	Sutar Yuraj Sanjay	23	15	38	A ⁺
44	Varele Aditi Chandrakant	21	16	37	A ⁺
45	Todkar Pratik Ashok	22	15	37	A ⁺
46	Chougule Snehal Dhananjay	24	17	41	O
47	Dubey Sumit Santosh	25	18	43	O
48	Kokare Atharv Bhimrao	23	19	42	O
49	Shinge Vishal Prakash	25	15	40	A ⁺
50	Patil Samiksha Satish	26	19	45	O

Present: 50 Absent: 00 Total: 50

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




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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
2025-26

Shri/Smt: Patil Samiksha Satish

Exam date: 3rd December 2025

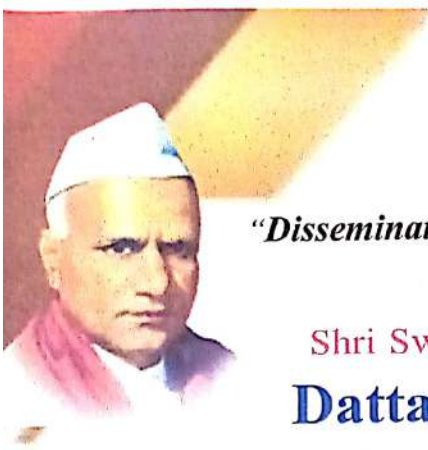
Seat No.	Paper I	Paper II	Grand Total	Percentage	Grade	Remark
50	Theory	Practical				
Maximum Marks	30	20	50	90.00 %	O	Pass
Minimum for Passing	11	07	18			
Marks Obtained	26	19	45			

Date: - 12th December 2025


Dr. D. A. Kumbhar
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Dr. S. K. Khade
Principal,
D.K.A.S.C. College,
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**Dattajirao Kadam Arts, Science and
Commerce College, Ichalkaranji.**
(Affiliated to Shivaji University, Kolhapur)

Certificate

This is to certify that **Miss. Patil Samiksha Satish**
has attended the certificate course in "**Basic Analytical Techniques
in Industry**" from 22nd August 2025 to 12th December 2025 and
completed the course satisfactorily in **O** grade.

Date: 12th December 2025



Dr. D. A. Kumbhar
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Department of Chemistry,
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Dr. S. K. Khade
Principal
Principal,
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Ichalkaranji.

