

“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 2021-22

DEPARTMENT OF CHEMISTRY

Career Oriented Course

Basic Analytical Techniques in Industry

Date: 08-10-2021

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

Subject: Seeking Permission to conduct three months '**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**' Certificate course under Department of Chemistry, DKASC College Ichalkaranji, in academic year 2021-22.

So hereby we are requesting you to permit us to conduct the said course in the academic year 2021-22.

Thanking You,

Yours Sincerely,

Permission
Granted

Akalef



AAK
08/10/21
(Dr. A. A. Ghare)

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

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

शि.म.डॉ.छापूजी बाळवंते

श्री स्वामी विवेकानंद शिक्षण संस्था, कोल्हापूरचे

**Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.
PG Department of Chemistry**

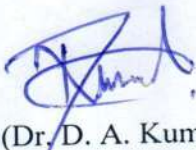
Date: 11/10/2021

Notice

All the members of the Board of Studies of (COC) **Basic Analytical Techniques in Industry** course (Three month) of Dattajirao Kadam Arts, Commerce and Science college, Ichalkaranji are hereby informed that the first meeting of the B.O.S. is scheduled on Tue, 12th Oct, 2021 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)

Coordinator

(Basic Analytical Techniques in Industry)

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



HEAD,

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



(Dr. V. S. Dhekale)

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 was held on 12-10-2021 at 08:30AM in on line mode.

The following members were present

Sr. No.	Name of the member	Nomination
1	Principal, Dr. V. S. Dhekale	Chairman
2	Dr. A. A. Ghare	Member
3	Dr. S. D. Shirke	Member
4	Dr. D. A. Kumbhar	Co-ordinator
5	Dr. A. S. Tapase	Member

Leave of absence

1. Leave of absence was granted to the Mr. Mayur Barge, (Industrial Expert) by the Chairman Board of Studies.

The Dr. D. A. Kumbhar welcome all the members who were present for the meeting and meeting initiate with the guidance of Chairman Principal Dr. V. S. Dhekale. The meeting was there after deliberated by Dr. A. A. Ghare 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 to add Unit operation unit in syllabus. Also, Dr. A. A. Ghare advised to add Laboratory instrumentations unit in COC 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 9:45AM with a vote of thanks by **Dr. D.A. Kumbhar** 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)

Co-ordinator

(Basic Analytical Techniques in Industry)

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


HEAD,
Department of Chemistry, (Dr. V. S. Dhekale)
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.


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

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. Anil Patil
M.Sc., Ph.D.

Outward No. : DKASC / 21/22 समक्ष

Date: 15/10/2021

To,
Dr. S. D. Shirke
Head, Department of chemistry
Vivekanand College, Kolhapur

Subject: Invitation to become member of 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 career-oriented 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. A. A. Ghare
HEAD,

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



Dr. V.S. Dhekale
Principal,
D.K.A.S.C. College,
Ichalkaranji.

Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji.



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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. Anil Patil M.Sc., Ph.D.
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Outward No. : DKASC / 21/22 समक्ष

Date: 11/10/2021

To,

Dr. A. S. Tapase

Assistant Professor,

Vivekanand College, Kolhapur

Subject: Invitation to attend a meeting for the Board of Studies....

Respected Madam,

On behalf of D. K. A. S. C College, Ichalkaranji, I am Pleased to invite you to attend and discuss the syllabus for "Career Oriented Course - Basic Analytical Techniques in Industry" COC proposed to be run by the Department of Chemistry of this college. The meeting is arranged on on Tue, 12th Oct, 2021 at 8.30 am through online mode using Google meet platform. Your favourable response in this regard will be highly appreciated.

Thanking you,

Yours Sincerely,

V.S. Dhekale

Dr. V.S. Dhekale

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



Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji.



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M.A.

Secretary

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

Principal

Dr. Anil Patil
M.Sc., Ph.D.

Outward No. : DKASC / 21/22 रसमक्ष

Date: 13/10/2021

To,

Dr. S. D. Shirke

Head, Department of chemistry

Vivekanand College, Kolhapur

Subject: Invitation to attend a meeting for the Board of Studies....

Respected Madam,

On behalf of D. K. A. S. C College, Ichalkaranji, I am Pleased to invite you to attend and discuss the syllabus for **"Career Oriented Course - Basic Analytical Techniques in Industry"** COC proposed to be run by the Department of Chemistry of this college. The meeting is arranged on on Tue, 12th Oct, 2021 at 8.30 am through online mode using Google meet platform. Your favourable response in this regard will be highly appreciated.

Thanking you,



Yours Sincerely,

Dhekale

Dr. V.S. Dhekale

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

Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji.



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M.Sc., B.Ed.

Principal

Dr. Anil Patil
M.Sc., Ph.D.

Outward No. : DKASC / 25/22 समक्ष

Date: 11/10/2021

To,

Dr. A. S. Tapase

Vivekanand College, Kolhapur

Subject: Invitation to become member of Board of Studies.

Respected Sir,

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Thanks & regards,

Yours faithfully,

Dr. A. A. Ghare

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



Dhekale

Dr. V.S. Dhekale

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

Short Term Course
Basic Analytical Technique in Industry
(Theory Credits: hours, 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 agglomerators iii) Separation -Magnetic separation method and Froth floatation method

Unit IV Laboratory Instrumentations. (05)

Introduction, construction and working, Applications - Conductometer, Colorimeter and spectrophotometer, P^H meter, Polarimeter

Practicals-

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 conductometric 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.



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SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR

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

Academic year 2021-22

DEPARTMENT OF CHEMISTRY

(Basic Analytical Techniques in Industry)

Date: 07/10/2021

Notice

All the students of B.Sc. I are hereby informed that Carrier Oriented Course 'Basic Analytical Techniques in Industry' organised by department of chemistry. This course conducted during October 2021 to January 2022. The course is compulsory to all the students. To register for the said course, contact Mr. N.H. Waghmare sir.

Documents Required

- 1) 10th mark list and certificate Xerox
- 2) 12th mark list




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

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शिक्षणमहर्षि डॉ. बापूजी साळुंखे

श्री स्वामी विवेकानंद शिक्षण संस्था, कोल्हापूरचे

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

Department Of Chemistry

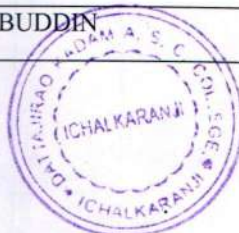
Name of Course: Basic Analytical Techniques in Industry (2021-2022)

List of Students (B.Sc.-1)

Sr. No.	NAME OF STUDENTS	Student sign
1	SASANE NEHA SANJAY	<u>SNB</u>
2	SUTAR SANMAY ANAND	<u>SSA</u>
3	PATIL PADMSHRI RAMDAS	<u>Patil</u>
4	PATIL SAKSHI JAGONDA	<u>SJP</u>
5	KADAKANE PRATIKSHA RAVASAHEB	<u>KPR</u>
6	ALAGUNDE RAHUL MADHUKAR	<u>Rahul</u>
7	BELAGI SWARALI RUDRAPPA	<u>B.S.R.</u>
8	BHOSALE ROHAN SATISH	<u>RS</u>
9	DEVALE ADITYA SUDHAKAR	<u>AD</u>
10	GAIKWAD SAKSHI PARSHURAM	<u>GSP</u>
11	GHADAGE SOURABH SUNIL	<u>SG</u>
12	GHARUNGE YASH VISHAL	<u>Y.S.Gharu</u>
13	GORE SAKSHI DATTATRAY	<u>GSP</u>
14	HULMANI PRAKASH BHOJRAJ	<u>Prakash</u>
15	JADHAV SHUBHAM BHARAT	<u>Shubham</u>
16	JAKHALE SHRADDHA RAMESH	<u>Shraddha</u>
17	KADAM RAKESH MADHUKAR	<u>Rakesh</u>
18	KAMALAKAR ADITYA SUDHAKAR	<u>Ask</u>
19	KAMBLE PRACHITA JAGANNATH	<u>KPJ</u>
20	KAMBLE VAIBHAV GABBAR	<u>Vaibhav</u>
21	KENE SUSHANT SANTOSH	<u>K.S.S.</u>
22	KHALLE RAVINDRA SADASHIV	<u>R.S. khalle</u>
23	KUMBHAR RAJESHWARI CHANDRAKANT	<u>K.R.C.</u>
24	LATANE PRACHI UDAY	<u>Prachi</u>
25	MAGDUM PRITESH SUJAY	<u>Pritesh</u>
26	MALAWADE ADITYA GAJANAN	<u>Aditya</u>
27	MORE VISHAL DHANAJI	<u>Vishal</u>
28	NADAF ARMAN HUSEN	<u>Arman</u>
29	NAIK REVATI SANTOSH	<u>Revati</u>
30	NAKIL SOURABH SACHIN	<u>Nikhil</u>
31	NIKAM SUYASH SANJAY	<u>Suyash</u>
32	PATIL KIRAN BHIMGONDA	<u>KRB</u>



78	MADRE SNEHAL PANDURANG	madre
79	MAHALE TEJASHRI KALPESH	Tejashri
80	MALI KARAN SUBHASH	Mali
81	MAMDAPURE AKSHAY ANIL	Amandapur
82	MANE RAJNANDINI VISHWAMITRA	Mane R.N.
83	MANE SARVESH RAMESH	S.R.
84	MIRAJE AMRUTA VISHWANATH	Miraje A.V.
85	MUDGAL ANIRUDDHA ANANDA	AAM
86	MUJAWAR SAIF ANJUM	MS.A.
87	MULLA ALISHA NARUDDIN	Mulla
88	MULLA SUMAIYYA ABDULGANI	Mullig. S.A.
89	MULLANI ARBAI YUNUS	M.A.Y.
90	NALAWADE ANURADHA DILIP	ANAD
91	PAGADE SNEHA DEEPAK	Pandekar
92	PATANKAR DHANAYA DILIP	P.V.S.
93	PATEKAR VISHAL SHASHIKANT	V.S. Patekar
94	PATHAN JUVERIYA JAVED	J.J. Pathan
95	PATIL ANSHU BALIRAM	Patil A.
96	PATIL NIKHIL RAJARAM	N.R.
97	PATIL SANIKA SUBHASH	Patil
98	POWAR SALONI RAMESH	Powar
99	SABAT PRACHITA SHYAMGHAN	Sabat
100	SAGAR POOJA KRUSHNA	S.P.K.
101	SALUNKHE PRATHMESH KIRAN	Salunkhe P.
102	SANKPAL AVINASH SANJAY	Aravind
103	SATHE ABHISHEK MARUTI	Sathe
104	SHENDURE PRATHAMESH NITIN	Shendure
105	SHEVALE ARYA SATISH	Shewale
106	SONTAKKE SHRUTI MARUTI	Sontake
107	SUTAR ANUJA RAMESH	S.A.R.
108	TAHASILDAR JASMIN SARDAR	T.J.S.
109	ZENDE PRANIT RAJU	Zende
110	DEVALE SANIYA AMRUT	devals
111	GAYAKWAD SARVESH JAGDISH	G.J.
112	INGALE NIMISH DILIP	ING.
113	KADAM ANURADHA GANGARAM	Kadam A.G.
114	KADAM OMKAR UMESH	K.O.U.
115	KAMBLE RITESH SHANKAR	K.R.S.
116	KUNGIRI ROHIT AMBADAS	Kumbhar R.A.
117	MUJAWAR AFIYA ZAKIRHUSEN	MAZ
118	MUJAWAR MUSKAN KHUDBUDDIN	M.K. Mujawar



119	NAIK ABHISHEK SUBHASH	<u>Abhishek</u>
120	NAIK ASHISH ASHOK	<u>Naik</u>
121	PATHAN SHAHARUKH RAHIMKHAN	<u>Pathan S.R.</u>
122	PATIL ASMITA ANNASO	<u>P.A.A.</u>
123	SHAIKH ALISHA RAMJAN	<u>Shaiikh A.R.</u>
124	SHINDE BHAKTI VIJAY	<u>Shinde</u>
125	SHINTRE SAMMED NITIN	<u>Nitin</u>
126	THORAT DIVYA YOGESH	<u>Divya</u>
127	VANTMURI TAZEEN SHABIR	<u>Tazeen</u>
128	ZOLE MAYURI RAMESH	<u>M.R. Zole</u>
129	KAMBLE JANHAVI SURYKANT	<u>Kamble J.S.</u>
130	RANGOLE ONKAR PRAKASH	<u>R.O.P.</u>
131	BANDGAR SHREYAS SOMAJI	<u>S.S. Bandgar</u>
132	VANJARI DARSHAN BHIMRAO	<u>V.Bhimrao</u>
133	MALAGE ANIRUDDH PRAFULL	<u>Pratful</u>
134	SHETYAPANAVAR SARASWATI IRANNA	<u>S.S.</u>



(Dr. D. A. Kumbhar)

Co-ordinator

(Basic Analytical Techniques in Industry)

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




(Dr. A. A. Ghare)

HEAD,
Department of Chemistry,
 Dattajirao Kadam Arts, Science
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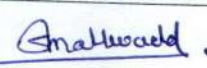
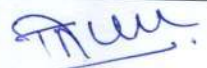
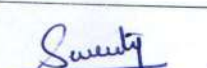
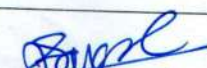
“ज्ञान, विज्ञान आणि सुसंस्कृत कर्मचारी शिक्षण प्रसार”
शि. म. डॉ. आपूजी नाळूखे

श्रीरामा मी पिठे कानंद शिक्षण संस्था, कोल्हापूरचे

D.K.A.S.C. College, Ichalkaranji
Department of Chemistry

Basic Analytical Techniques in Industry (2021-22)

Theory work distribution

Sr.No.	Name of teacher	Topic name	Sign
1	Miss. S.A. Matiwadd	Basic concepts in Industrial chemistry	
2	Mr.N.H. Waghmare	Introduction to analytical Techniques	
3	Miss. S. B. Fadtare	Unit Operations	
4	Mr. S. R. More	Laboratory Instrumentations	



Dr. D. A. Kumbhar

Co-ordinator

(Basic Analytical Techniques in Industry)

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



Dr. A. A. Ghare

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

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार”

शिक्षणमहर्षि डॉ. आपूजी भालुंखे

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S, KOLHAPUR

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

Basic analytical Techniques in Industry

Department of Chemistry

Academic year 2021-22

Notice

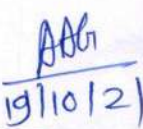
19/10/2021

All the students who confirmed their admissions to certificate course entitled 'Basic analytical Techniques in Industry' are here by informed that, theory lectures of this course are going to start from date 20th October 2021. All students must be attend lectures. Time table of theory lectures are given below.

<i>Day</i>	<i>Time</i>
Monday	10:00 to 11:00 am
Tuesday	10:00 to 11:00 am
Wednesday	10:00 to 11:00 am
Thursday	10:00 to 11:00 am
Friday	10:00 to 11:00 am
Saturday	10:00 to 11:00 am


Co-ordinator




19/10/21
Head, Dept of Chemistry
HEAD,
Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

Name of Course: Basic Analytical Techniques in Industry (2021-2022)

Attendance Sheet

Sr. No.	NAME OF STUDENTS	20/10/2022	21/10/2022	22/10/2022	24/10/2022	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022	31/10/2022
1	SASANE NEHA SANJAY	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>
2	SUTAR SANMAY ANAND	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>
3	PATIL PADMSHRI RAMDAS	<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>
4	PATIL SAKSHI JAGONDA	<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>
5	KADAKANE PRATIKSHA RAVASAHEB	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>	<u>P.R.Kadkan</u>
6	ALAGUNDE RAHUL MADHUKAR	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>
7	BELAGI SWARALI RUDRAPPA	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>	<u>Sw.</u>
8	BHOSALE ROHAN SATISH	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>	<u>Rohasale</u>
9	DEVALE ADITYA SUDHAKAR	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>
10	GAIKWAD SAKSHI PARSHURAM	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>
11	GHADAGE SOURABH SUNIL	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>	<u>Sab.</u>
12	GHARUNGE YASH VISHAL	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>
13	GORE SAKSHI DATTATRAY	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>
14	HULMANI PRAKASH BHOJRAJ	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>
15	JADHAV SHUBHAM BHARAT	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>
16	JAKHALE SHRADDHA RAMESH	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>	<u>SRJ</u>
17	KADAM RAKESH MADHUKAR	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>	<u>Rak.</u>
18	KAMALAKAR ADITYA SUDHAKAR	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>
19	KAMBLE PRACHITA JAGANNATH	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>	<u>Prachita</u>
20	KAMBLE VAIBHAV GABBAR	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>



21	KENE SUSHANT SANTOSH	Skene	-Ab-	Skene	Skene	-Ab-	Skene	Skene	-Ab-	Skene	
22	KHALLE RAVINDRA SADASHIV	Ravindeg	Ravindeg	Ravindeg	Ravindeg	Ravindeg	Ravindeg	Ravindeg	Ravindeg	-Ab-	Ravindeg
23	KUMBHAR RAJESHWARI CHANDRAKANT	Rambis	Rambis	-Ab-	Rambis	Rambis	Rambis	-Ab-	Rambis	Rambis	Rambis
24	LATANE PRACHI UDAY	Latane	Latane	Latane	Latane	Latane	Latane	Latane	Latane	Latane	Latane
25	MAGDUM PRITESH SUJAY	Pritesh	Pritesh	-Ab-	Pritesh	Pritesh	Pritesh	-Ab-	Pritesh	-Ab-	Pritesh
26	MALAWADE ADITYA GAJANAN	Adityg	Adityg	Adityg	Adityg	Adityg	Adityg	Adityg	Adityg	Adityg	Adityg
27	MORE VISHAL DHANAJI	Umors	Umors	Umors	Umors	Umors	Umors	Umors	Umors	Umors	Umors
28	NADAF ARMAN HUSEN	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf	A.H.Nadaf
29	NAIK REVATI SANTOSH	Rnaik	Rnaik	Rnaik	Rnaik	Rnaik	Rnaik	Rnaik	Rnaik	Rnaik	Rnaik
30	NAKIL SOURABH SACHIN	Sourabh	-Ab-	Sourabh	Sourabh	-Ab-	Sourabh	Sourabh	Sourabh	Sourabh	-Ab-
31	NIKAM SUYASH SANJAY	Suyash	Suyash	-Ab-	Suyash	Suyash	-Ab-	Suyash	Suyash	-Ab-	Suyash
32	PATIL KIRAN BHIMGONDA	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
33	PATIL MANASI VIDYANAND	Mpatil	-Ab-	Mpatil	Mpatil	Mpatil	Mpatil	Mpatil	Mpatil	-Ab-	Mpatil
34	PATIL MANSI VIJAY	M.V.P.	M.V.P.	M.V.P.	M.V.P.	M.V.P.	M.V.P.	M.V.P.	M.V.P.	M.V.P.	M.V.P.
35	PATIL PANCHSHIL VIJAY	Patil	Patil	-Ab-	Patil	Patil	Patil	-Ab-	Patil	Patil	Patil
36	POWAR ANKUSH CHANDRAKANT	Powar	Powar	Powar	Powar	Powar	-Ab-	Powar	Powar	Powar	Powar
37	POWAR DEEP VINAYAK	DVP	DVP	DVP	DVP	DVP	DA	DVP	DVP	DVP	DVP
38	RAVAL SANMATI GURUDEV	Sanmati	Sanmati	Sanmati	Sanmati	Sanmati	Sanmati	Sanmati	Sanmati	Sanmati	Sanmati
39	REGE VINAYAK SAMBHAJI	V.S.Rege	V.S.Rege	V.S.Rege	V.S.Rege	V.S.Rege	V.S.Rege	V.S.Rege	V.S.Rege	V.S.Rege	V.S.Rege
40	SAWANT SAMIKSHA MADHUKAR	Sawant s.m	Sawant s.m	Sawant s.m	Sawant s.m	Sawant s.m	Sawant s.m	Sawant s.m	Sawant s.m	Sawant s.m	Sawant s.m
41	SHARMA TRUPTI AMOL	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti
42	SHENDE SANGRAM SHANKAR	Shende	Shende	Shende	Shende	Shende	Shende	Shende	Shende	Shende	Shende
43	TADAKHE RADHIKA SANJAY	Tadake	Tadake	Tadake	Tadake	Tadake	Tadake	-Ab-	Tadake	Tadake	Tadake
44	THANEKAR ROHAN SURESH	Thanekar	Thanekar	-Ab-	Thanekar	-Ab-	Thanekar	Thanekar	Thanekar	-Ab-	Thanekar

45	VADAR MANASI VIJAY	manSi	manSi	manSi	manSi	manSi	manSi	-Ab-	manSi	-Ab-	manSi
46	VIBHUTE VRUSHALI RAVINDRA	V.R.Vibhute	-Ab-	V.R.Vibhute	V.R.Vibhute	V.R.Vibhute	-Ab-	V.R.Vibhute	V.R.Vibhute	-Ab-	V.R.Vibhute
47	WAGHAMODE SHWETA UMESH	Shweta	Shweta	-Ab-	Shweta	Shweta	-Ab-	Shweta	Shweta	Shweta	Shweta
48	AAMASHI BHUSHAN RAJU	BA	BA	BA	-Ab-	BA	BA	BA	BA	BA	BA
49	ADARSHE VAIBHAVI RAJENDRA	Pradite	-Ab-	Pradite	Pradite	-Ab-	Pradite	Pradite	Pradite	Pradite	Pradite
50	AMBI SUNAMI ALIS PRADNYA GAJANAN	Pradnya	Pradnya	-Ab-	Pradnya	-Ab-	Pradnya	Pradnya	-Ab-	Pradnya	Pradnya
51	AMBI YASHSVI SURESH	Yashvi	Yashvi	-Ab-	Yashvi	-Ab-	Yashvi	Yashvi	Yashvi	Yashvi	Yashvi
52	BAGWAN SIFA JAMEER	Sifa	Sifa	Sifa	Sifa	Sifa	Sifa	Sifa	-Ab-	Sifa	Sifa
53	BALLARI ABHISHEK VYANKATESH	Abhishek	Abhishek	-Ab-	Abhishek	-Ab-	Abhishek	Abhishek	Abhishek	Abhishek	-Ab-
54	BALLOLE VISHAL SURENDRA	Vishal	Vishal	-Ab-	Vishal	Vishal	-Ab-	Vishal	Vishal	Vishal	Vishal
55	BHANDARE RAMESHWARI MANIK	Rameshwari	Rameshwari	Rameshwari	Rameshwari	-Ab-	Rameshwari	Rameshwari	-Ab-	Rameshwari	Rameshwari
56	BHATALE PRIYANKA DASHRATH	PDP	-Ab-	PDP	PDP	PDP	PDP	-Ab-	PDP	PDP	PDP
57	BHORE VIRESH BAPUSO	Bhoer	Bhoer	-Ab-	Bhoer	Bhoer	Bhoer	Bhoer	Bhoer	-Ab-	Bhoer
58	CHAUGULE YASHRAJ SUBHSH	Yashraj	Yashraj	-Ab-	Yashraj	Yashraj	-Ab-	Yashraj	Yashraj	Yashraj	-Ab-
59	CHAVAN RUTUJA BABAN	RJB	RJB	RJB	-Ab-	RJB	-Ab-	RJB	RJB	RJB	RJB
60	CHOUGULE PRITI SURESH	Priti	Priti	-Ab-	Priti	-Ab-	Priti	Priti	Priti	Priti	Priti
61	DEVMORE KIRAN RAJARAM	Riran	Riran	-Ab-	Riran	-Ab-	Riran	Riran	Riran	Riran	Riran
62	DONE ANIKET SANJAY	Aspene	Aspene	Aspene	Aspene	-Ab-	Aspene	Aspene	Aspene	Aspene	Aspene
63	GANGADHAR SHREYAS NAMDEV	Shreyas	-Ab-	Shreyas	Shreyas	Shreyas	-Ab-	Shreyas	Shreyas	Shreyas	Shreyas
64	GAVATE AKSHAY PRASHANT	Akshay	Akshay	Akshay	Akshay	-Ab-	Akshay	Akshay	Akshay	-Ab-	Akshay
65	JADHAV SOURABH SUNIL	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh	-Ab-	Sourabh	Sourabh	Sourabh	-Ab-
66	JAGTAP SAKSHI ANIL	S.A.Jagtap	S.A.Jagtap	-Ab-	S.A.Jagtap	-Ab-	S.A.Jagtap	S.A.Jagtap	S.A.Jagtap	S.A.Jagtap	S.A.Jagtap
67	JAMADAR UJMANA RAFIK	Ujman	Ujman	Ujman	-Ab-	Ujman	-Ab-	Ujman	Ujman	Ujman	-Ab-



[illegible]

93	PATEKAR VISHAL SHASHIKANT	V.S.Patekar	V.S.Patekar	-Ab-	V.S.Patekar	V.S.Patekar	V.S.Patekar	-Ab-	V.S.Patekar	V.S.Patekar	V.S.Patekar
94	PATHAN JUVERIYA JAVED	J.J.Pathan	J.J.Pathan	J.J.Pathan	-Ab-	J.J.Pathan	-Ab-	J.J.Pathan	J.J.Pathan	J.J.Pathan	-Ab-
95	PATIL ANSHU BALIRAM	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
96	PATIL NIKHIL RAJARAM	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
97	PATIL SANIKA SUBHASH	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
98	POWAR SALONI RAMESH	Powar	Powar	Powar	Powar	Powar	Powar	Powar	Powar	Powar	Powar
99	SABAT PRACHITA SHYAMGHAN	Rabat	Rabat	Rabat	Rabat	Rabat	Rabat	Rabat	Rabat	Rabat	Rabat
100	SAGAR POOJA KRUSHNA	SPK	SPK	SPK	SPK	-Ab-	SPK	SPK	SPK	SPK	SPK
101	SALUNKHE PRATHMESH KIRAN	Salunkhe	Salunkhe	-Ab-	Salunkhe	Salunkhe	Salunkhe	-Ab-	Salunkhe	Salunkhe	Salunkhe
102	SANKPAL AVINASH SANJAY	Arinash	-Ab-	Arinash	-Ab-	Arinash	Arinash	Arinash	Arinash	Arinash	Arinash
103	SATHE ABHISHEK MARUTI	Aysathe	Aysathe	Aysathe	-Ab-	Aysathe	Aysathe	-Ab-	Aysathe	Aysathe	Aysathe
104	SHENDURE PRATHAMESH NITIN	Shendure	-Ab-	Shendure	-Ab-	Shendure	Shendure	Shendure	Shendure	Shendure	Shendure
105	SHEVALE ARYA SATISH	Asshevale	Asshevale	Asshevale	-Ab-	Asshevale	Asshevale	Asshevale	-Ab-	Asshevale	Asshevale
106	SONTAKKE SHRUTI MARUTI	Shruti	Shruti	-Ab-	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
107	SUTAR ANUJA RAMESH	S.A.R	-Ab-	S.A.R	S.A.R	S.A.R	-Ab-	S.A.R	S.A.R	S.A.R	S.A.R
108	TAHASILDAR JASMIN SARDAR	Ta.J.S	Ta.J.S	-Ab-	Ta.J.S	-Ab-	Ta.J.S	Ta.J.S	Ta.J.S	Ta.J.S	Ta.J.S
109	ZENDE PRANIT RAJU	ZendeP.R.	ZendeP.R.	ZendeP.R.	-Ab-	ZendeP.R.	-Ab-	ZendeP.R.	ZendeP.R.	ZendeP.R.	ZendeP.R.
110	DEVALE SANIYA AMRUT	Devala	Devala	Devala	Devala	Devala	-Ab-	-Ab-	Devala	Devala	Devala
111	GAYAKWAD SARVESH JAGDISH	GST	GST	-Ab-	GST	-Ab-	GST	GST	GST	GST	GST
112	INGALE NIMISH DILIP	D.Ingale	D.Ingale	D.Ingale	D.Ingale	D.Ingale	-Ab-	D.Ingale	D.Ingale	D.Ingale	D.Ingale
113	KADAM ANURADHA GANGARAM	KadamA.G.	-Ab-	KadamA.G.	KadamA.G.	-Ab-	KadamA.G.	-Ab-	KadamA.G.	KadamA.G.	KadamA.G.
114	KADAM OMKAR UMESH	KadamO.U.	KadamO.U.	KadamO.U.	-Ab-	KadamO.U.	KadamO.U.	-Ab-	KadamO.U.	KadamO.U.	KadamO.U.
115	KAMBLE RITESH SHANKAR	KRS	KRS	-Ab-	KRS	KRS	KRS	KRS	KRS	KRS	KRS
116	KUNGIRI ROHIT AMBADAS	KungiriR	KungiriR	KungiriR	KungiriR	KungiriR	-Ab-	KungiriR	-Ab-	KungiriR	KungiriR
117	MUJAWAR AFIYA ZAKIRHUSEN	MAZ	MAZ	-Ab-	MAZ	MAZ	-Ab-	MAZ	MAZ	MAZ	MAZ

118	MUJAWAR MUSKAN KHUDBUDDIN	M.K.	-Ab-	M.K.	M.K.	M.K.	M.K.	M.K.	M.K.	M.K.	M.K.
119	NAIK ABHISHEK SUBHASH	Abhishek	Abhishek	Abhishek	-Ab-	Abhishek	-Ab-	Abhishek	-Ab-	Abhishek	Abhishek
120	NAIK ASHISH ASHOK	Aanaik	-Ab-	Aanaik	Aanaik	-Ab-	Aanaik	Aanaik	Aanaik	-Ab-	Aanaik
121	PATHAN SHAHARUKH RAHIMKHAN	PathansR	PathansR	PathansR	PathansR	PathansR	-Ab-	PathansR	PathansR	PathansR	-Ab-
122	PATIL ASMITA ANNASO	P.A.A.	P.A.A.	P.A.A.	P.A.A.	P.A.A.	-Ab-	P.A.A.	P.A.A.	-Ab-	P.A.A.
123	SHAIKH ALISHA RAMJAN	ShaiKHAR	ShaiKHAR	ShaiKHAR	-Ab-	ShaiKHAR	-Ab-	ShaiKHAR	ShaiKHAR	-Ab-	ShaiKHAR
124	SHINDE BHAKTI VIJAY	Bhinde	-Ab-	Bhinde	Bhinde	Bhinde	Bhinde	Bhinde	-Ab-	Bhinde	Bhinde
125	SHINTRE SAMMED NITIN	Shinte	Shinte	Shinte	-Ab-	Shinte	Shinte	Shinte	Shinte	Shinte	-Ab-
126	THORAT DIVYA YOGESH	DyT	-Ab-	DyT	DyT	DyT	DyT	-Ab-	DyT	DyT	DyT
127	VANTMURI TAZEEN SHABIR	Vantmuri	-Ab-	Vantmuri	Vantmuri	Vantmuri	Vantmuri	-Ab-	Vantmuri	-Ab-	Vantmuri
128	ZOLE MAYURI RAMESH	MRzole	-Ab-	MRzole	MRzole	MRzole	MRzole	-Ab-	MRzole	MRzole	MRzole
129	KAMBLE JANHAVI SURYKANT	JSK	JSK	JSK	JSK	JSK	JSK	JSK	JSK	JSK	-Ab-
130	RANGOLE ONKAR PRAKASH	R.O.P	-Ab-	R.O.P	-Ab-	R.O.P	R.O.P	R.O.P	R.O.P	R.O.P	R.O.P
131	BANDGAR SHREYAS SOMAJI	SS Bandgar	SS Bandgar	-Ab-	SS Bandgar	-Ab-	SS Bandgar	SS Bandgar	SS Bandgar	SS Bandgar	SS Bandgar
132	VANJARI DARSHAN BHIMRAO	D-varjari	D-varjari	D-varjari	D-varjari	D-varjari	-Ab-	D-varjari	-Ab-	D-varjari	D-varjari
133	MALAGE ANIRUDDH PRAFULL	MalangeA	MalangeA	-Ab-	MalangeA	-Ab-	MalangeA	-Ab-	MalangeA	MalangeA	MalangeA
134	SHETYAPANAVAR SARASWATI IRANNA	SSS	SSS	SSS	-Ab-	SSS	SSS	-Ab-	SSS	SSS	SSS
135											
136											
137											
138											



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

Name of Course: Basic Analytical Techniques in Industry (2021-2022)

Attendance Sheet

Sr. No.	NAME OF STUDENTS	01/11/2021	02/11/2021	03/11/2021	04/11/2021	05/11/2021	07/11/2021	08/11/2021	09/11/2021	10/11/2021	11/11/2021
1	SASANE NEHA SANJAY	<u>SAS</u>	<u>-Ab-</u>	<u>SAS</u>	<u>SAS</u>	<u>SAS</u>	<u>SAS</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>SAS</u>	<u>SAS</u>
2	SUTAR SANMAY ANAND	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>-Ab-</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>
3	PATIL PADMSHRI RAMDAS	<u>Patil</u>	<u>Patil</u>	<u>-Ab-</u>	<u>Patil</u>	<u>Patil</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
4	PATIL SAKSHI JAGONDA	<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>-Ab-</u>
5	KADAKANE PRATIKSHA RAVASAHEB	<u>-Ab-</u>	<u>Kadane</u>	<u>Kadane</u>	<u>Kadane</u>	<u>Kadane</u>	<u>Kadane</u>	<u>Kadane</u>	<u>Kadane</u>	<u>-Ab-</u>	<u>Kadane</u>
6	ALAGUNDE RAHUL MADHUKAR	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>-Ab-</u>
7	BELAGI SWARALI RUDRAPPA	<u>Ses</u>	<u>Ses</u>	<u>Ses</u>	<u>Ses</u>	<u>Ses</u>	<u>Ses</u>	<u>Ses</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>-Ab-</u>
8	BHOSALE ROHAN SATISH	<u>Psbosale</u>	<u>Psbosale</u>	<u>Psbosale</u>	<u>Psbosale</u>	<u>-Ab-</u>	<u>Psbosale</u>	<u>Psbosale</u>	<u>-Ab-</u>	<u>Psbosale</u>	<u>Psbosale</u>
9	DEVALE ADITYA SUDHAKAR	<u>devaleAS</u>	<u>devaleAS</u>	<u>devaleAS</u>	<u>devaleAS</u>	<u>devaleAS</u>	<u>devaleAS</u>	<u>devaleAS</u>	<u>-Ab-</u>	<u>devaleAS</u>	<u>devaleAS</u>
10	GAIKWAD SAKSHI PARSHURAM	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>-Ab-</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>
11	GHADAGE SOURABH SUNIL	<u>Sab</u>	<u>Sab</u>	<u>Sab</u>	<u>Sab</u>	<u>Sab</u>	<u>-Ab-</u>	<u>Sab</u>	<u>Sab</u>	<u>-Ab-</u>	<u>Sab</u>
12	GHARUNGE YASH VISHAL	<u>Y.V.G</u>	<u>Y.V.G</u>	<u>Y.V.G</u>	<u>Y.V.G</u>	<u>Y.V.G</u>	<u>Y.V.G</u>	<u>Y.V.G</u>	<u>Y.V.G</u>	<u>-Ab-</u>	<u>Y.V.G</u>
13	GORE SAKSHI DATTATRAY	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>-Ab-</u>	<u>Score</u>
14	HULMANI PRAKASH BHOJRAJ	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>-Ab-</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>-Ab-</u>
15	JADHAV SHUBHAM BHARAT	<u>Sjadhav</u>	<u>Sjadhav</u>	<u>Sjadhav</u>	<u>Sjadhav</u>	<u>Sjadhav</u>	<u>Sjadhav</u>	<u>-Ab-</u>	<u>Sjadhav</u>	<u>-Ab-</u>	<u>Sjadhav</u>
16	JAKHALE SHRADDHA RAMESH	<u>Jake</u>	<u>Jake</u>	<u>Jake</u>	<u>Jake</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>Jake</u>	<u>Jake</u>	<u>-Ab-</u>	<u>Jake</u>
17	KADAM RAKESH MADHUKAR	<u>Rkadam</u>	<u>Rkadam</u>	<u>Rkadam</u>	<u>Rkadam</u>	<u>Rkadam</u>	<u>-Ab-</u>	<u>Rkadam</u>	<u>Rkadam</u>	<u>Rkadam</u>	<u>Rkadam</u>
18	KAMALAKAR ADITYA SUDHAKAR	<u>ASK</u>	<u>ASK</u>	<u>-Ab-</u>	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>	<u>-Ab-</u>	<u>ASK</u>	<u>ASK</u>
19	KAMBLE PRACHIT JAGANNATH	<u>KP</u>	<u>KP</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>KP</u>	<u>KP</u>	<u>-Ab-</u>	<u>KP</u>	<u>KP</u>	<u>KP</u>
20	KAMBLE VAIBHAV DABBAR	<u>Vkamble</u>	<u>-Ab-</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>-Ab-</u>	<u>Vkamble</u>	<u>-Ab-</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>-Ab-</u>



21	KENE SUSHANT SANTOSH	Skene	Skene	Skene	Skene	Ab	Skene	Skene	Skene	Skene	
22	KHALLE RAVINDRA SADASHIV	R.s.khale	R.s.khale	Ab	R.s.khale	Ab	R.s.khale	Ab	R.s.khale	R.s.khale	
23	KUMBHAR RAJESHWARI CHANDRAKANT	K.prajeshwari	K.prajeshwari	Ab	K.prajeshwari	Ab	K.prajeshwari	Ab	K.prajeshwari	K.prajeshwari	
24	LATANE PRACHI UDAY	Patane	Patane	Ab	Patane	Ab	Patane	Patane	Patane	Ab	
25	MAGDUM PRITESH SUJAY	Pritesh	Pritesh	Ab	Pritesh	Ab	Pritesh	Pritesh	Pritesh	Pritesh	
26	MALAWADE ADITYA GAJANAN	Aditye	Aditye	Ab	Aditye	Ab	Aditye	Aditye	Ab	Aditye	
27	MORE VISHAL DHANAJI	Seer	Ab	Ab	Seer	Ab	Seer	Ab	Seer	Seer	
28	NADAF ARMAN HUSEN	A.H.Nadaf	Ab	Ab	A.H.Nadaf	Ab	A.H.Nadaf	Ab	A.H.Nadaf	Ab	
29	NAIK REVATI SANTOSH	Praik	Praik	Ab	Praik	Ab	Praik	Praik	Praik	Praik	
30	NAKIL SOURABH SACHIN	Sourabh	Sourabh	Ab	Sourabh	Ab	Sourabh	Ab	Sourabh	Ab	
31	NIKAM SUYASH SANJAY	Suyash	Suyash	Ab	Suyash	Ab	Suyash	Suyash	Suyash	Ab	
32	PATIL KIRAN BHIMGONDA	P.V.B.	P.V.B.	Ab	P.V.B.	Ab	P.V.B.	Ab	P.V.B.	P.V.B.	
33	PATIL MANASI VIDYANAND	Mpatil	Mpatil	Ab	Mpatil	Ab	Mpatil	Mpatil	Ab	Mpatil	
34	PATIL MANSI VIJAY	M.V.P	M.V.P	Ab	M.V.P	Ab	M.V.P	M.V.P	M.V.P	M.V.P	
35	PATIL PANCHSHIL VIJAY	Patil	Patil	Ab	Patil	Ab	Patil	Patil	Patil	Patil	
36	POWAR ANKUSH CHANDRAKANT	Poware	Poware	Ab	Poware	Ab	Poware	Poware	Ab	Poware	
37	POWAR DEEP VINAYAK	DVP	Ab	DVP	DVP	Ab	DVP	DVP	DVP	Ab	
38	RAVAL SANMATI GURUDEV	Sanmati	Ab	Sanmati	Ab	Sanmati	Sanmati	Sanmati	Ab	Sanmati	
39	REGE VINAYAK SAMBHAJI	V.s.Rege	Ab	V.s.Rege	Ab	V.s.Rege	V.s.Rege	V.s.Rege	Ab	V.s.Rege	
40	SAWANT SAMIKSHA MADHUKAR	Sawant S.m.	Ab	Sawant S.m.	Ab	Sawant S.m.	Sawant S.m.	Sawant S.m.	Ab	Sawant S.m.	
41	SHARMA TRUPTI AMOL	Trupti	Ab	Trupti	Ab	Trupti	Trupti	Ab	Trupti	Ab	
42	SHENDE SANGRAM SHANKAR	Shende	Ab	Shende	Ab	Shende	Shende	Ab	Shende	Ab	
43	TADAKHE RADHIKA SANJAY	Tadake	Ab	Tadake	Ab	Tadake	Tadake	Ab	Tadake	Ab	
44	THANEKAR ROHAN SURESH	Thaneekar	Ab	Thaneekar	Ab	Thaneekar	Thaneekar	Ab	Thaneekar	Thaneekar	

45	VADAR MANASI VIJAY	MMV	MMV	MMV	-Ab-	MMV	-Ab-	MMV	MMV	MMV	MMV
46	VIBHUTE VRUSHALI RAVINDRA	V.V.R	V.V.R	-Ab-	V.V.R	V.V.R	V.V.R	V.V.R	-Ab-	V.V.R	V.V.R
47	WAGHAMODE SHWETA UMESH	Shweta	Shweta	Shweta	-Ab-	-Ab-	Shweta	Shweta	Shweta	Shweta	Shweta
48	AAMASHI BHUSHAN RAJU	BAS	BAS	BAS	-Ab-	BAS	BAS	BAS	BAS	BAS	BAS
49	ADARSHE VAIBHAVI RAJENDRA	Pradarik	Pradarik	Pradarik	-Ab-	Pradarik	Pradarik	Pradarik	Pradarik	Pradarik	-Ab-
50	AMBI SUNAMI ALIS PRADNYA GAJANAN	Aern	Aern	-Ab-	Aern	Aern	Aern	-Ab-	Aern	Aern	Aern
51	AMBI YASHSVI SURESH	(Aamb)	(Aamb)	-Ab-	(Aamb)	(Aamb)	(Aamb)	(Aamb)	-Ab-	(Aamb)	(Aamb)
52	BAGWAN SIFA JAMEER	B.S.J	B.S.J	B.S.J	-Ab-	B.S.J	B.S.J	B.S.J	B.S.J	-Ab-	B.S.J
53	BALLARI ABHISHEK VYANKATESH	Balleri	Balleri	Balleri	Balleri	Balleri	-Ab-	Balleri	Balleri	Balleri	Balleri
54	BALLOLE VISHAL SURENDRA	VBalle	VBalle	VBalle	-Ab-	VBalle	VBalle	VBalle	VBalle	VBalle	VBalle
55	BHANDARE RAMESHWARI MANIK	Bhandare	Bhandare	Bhandare	Bhandare	Bhandare	Bhandare	Bhandare	Bhandare	Bhandare	Bhandare
56	BHATALE PRIYANKA DASHRATH	PDP	PDP	PDP	PDP	PDP	-Ab-	PDP	PDP	PDP	PDP
57	BHORE VIRESH BAPUSO	B.V.B	B.V.B	B.V.B	-Ab-	B.V.B	-Ab-	B.V.B	B.V.B	B.V.B	B.V.B
58	CHAUGULE YASHRAJ SUBHSH	Yce	Yce	Yce	-Ab-	Yce	-Ab-	Yce	Yce	-Ab-	Yce
59	CHAVAN RUTUJA BABAN	PBS	-Ab-	PBS	PBS	-Ab-	PBS	PBS	PBS	PBS	-Ab-
60	CHOUGULE PRITI SURESH	chougk	chougk	-Ab-	chougk	chougk	chougk	chougk	-Ab-	chougk	chougk
61	DEVMORE KIRAN RAJARAM	Piran	-Ab-	Piran	Piran	-Ab-	Piran	Piran	Piran	Piran	Piran
62	DONE ANIKET SANJAY	Aspire	Aspire	Aspire	-Ab-	Aspire	Aspire	Aspire	Aspire	Aspire	Aspire
63	GANGADHAR SHREYAS NAMDEV	G.S.N	G.S.N	G.S.N	G.S.N	G.S.N	-Ab-	G.S.N	G.S.N	G.S.N	-Ab-
64	GAVATE AKSHAY PRASHANT	Akshay	Akshay	Akshay	Akshay	Akshay	-Ab-	-Ab-	Akshay	Akshay	Akshay
65	JADHAV SOURABH SUNIL	Sourabh	Sourabh	Sourabh	Sourabh	-Ab-	Sourabh	Sourabh	Sourabh	Sourabh	-Ab-
66	JAGTAP SAKSHI AJAY	Jagtap	Jagtap	-Ab-	Jagtap	Jagtap	-Ab-	Jagtap	Jagtap	Jagtap	Jagtap
67	JAMADAR UJMANA RAJESH	(Jamad)	-Ab-	(Jamad)	(Jamad)	-Ab-	(Jamad)	(Jamad)	(Jamad)	(Jamad)	-Ab-



68	KADIMANI PRASHANT BALASO	<u>Prashant</u>	<u>Prashant</u>	<u>Prashant</u>	<u>Prashant</u>	<u>Prashant</u>	-Ab-	-Ab-	<u>Prashant</u>	<u>Prashant</u>	
69	KAMAT NAVEEN KUMAR	<u>Kamat</u>	<u>Kamat</u>	<u>Kamat</u>	<u>Kamat</u>	<u>Kamat</u>	<u>Kamat</u>	<u>Kamat</u>	<u>Kamat</u>	-Ab-	-Ab-
70	KAMAT SHRAVANI SAMRAT	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>	<u>Shramat</u>
71	KAMBLE DARPAN DILIP	<u>Damble</u>	<u>Damble</u>	<u>Damble</u>	<u>Damble</u>	<u>Damble</u>	-Ab-	-Ab-	<u>Damble</u>	<u>Damble</u>	-Ab-
72	KAMBLE JYOTI SAVAKAR	<u>JSK</u>	<u>JSK</u>	<u>JSK</u>	<u>JSK</u>	<u>JSK</u>	<u>JSK</u>	-Ab-	<u>JSK</u>	<u>JSK</u>	-Ab-
73	KAMBLE PRANAV VIJAY	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	-Ab-	-Ab-
74	KAMBLE TUSHAR VALMIK	<u>T.v.kamble</u>	<u>T.v.kamble</u>	<u>T.v.kamble</u>	<u>T.v.kamble</u>	<u>T.v.kamble</u>	-Ab-	<u>T.v.kamble</u>	<u>T.v.kamble</u>	-Ab-	<u>T.v.kamble</u>
75	KHETMAR PRERNA VITTHAL	<u>P.V.K</u>	<u>P.V.K</u>	<u>P.V.K</u>	<u>P.V.K</u>	<u>P.V.K</u>	<u>P.V.K</u>	<u>P.V.K</u>	<u>P.V.K</u>	-Ab-	<u>P.V.K</u>
76	KORE ABHILASHA ASHOK	<u>Abh</u>	<u>Abh</u>	<u>Abh</u>	<u>Abh</u>	<u>Abh</u>	<u>Abh</u>	<u>Abh</u>	<u>Abh</u>	-Ab-	<u>Abh</u>
77	KUMBHAR AKSHAY SURESH	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	-Ab-	<u>A.S.K</u>	<u>A.S.K</u>	-Ab-	<u>A.S.K</u>	<u>A.S.K</u>
78	MADRE SNEHAL PANDURANG	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	-Ab-	-Ab-	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>
79	MAHALE TEJASHRI KALPESH	<u>Tejahale</u>	<u>Tejahale</u>	-Ab-	<u>Tejahale</u>	<u>Tejahale</u>	-Ab-	<u>Tejahale</u>	<u>Tejahale</u>	<u>Tejahale</u>	<u>Tejahale</u>
80	MALI KARAN SUBHASH	<u>Mkaran</u>	<u>Mkaran</u>	<u>Mkaran</u>	<u>Mkaran</u>	<u>Mkaran</u>	-Ab-	<u>Mkaran</u>	-Ab-	-Ab-	-Ab-
81	MAMDAPURE AKSHAY ANIL	<u>Amardapur</u>	<u>Amardapur</u>	<u>Amardapur</u>	-Ab-	<u>Amardapur</u>	-Ab-	<u>Amardapur</u>	<u>Amardapur</u>	<u>Amardapur</u>	<u>Amardapur</u>
82	MANE RAJNANDINI VISHWAMITRA	<u>MRV</u>	-Ab-	<u>MRV</u>	<u>MRV</u>	<u>MRV</u>	<u>MRV</u>	<u>MRV</u>	<u>MRV</u>	-Ab-	<u>MRV</u>
83	MANE SARVESH RAMESH	<u>S (M)</u>	<u>S (M)</u>	<u>S (M)</u>	<u>S (M)</u>	-Ab-	<u>S (M)</u>	-Ab-	<u>S (M)</u>	<u>S (M)</u>	<u>S (M)</u>
84	MIRAJE AMRUTA VISHWANATH	<u>Mamule</u>	<u>Mamule</u>	-Ab-	<u>Mamule</u>	<u>Mamule</u>	<u>Mamule</u>	<u>Mamule</u>	-Ab-	<u>Mamule</u>	<u>Mamule</u>
85	MUDGAL ANIRUDDHA ANANDA	<u>AAM</u>	<u>AAM</u>	-Ab-	<u>AAM</u>	<u>AAM</u>	<u>AAM</u>	-Ab-	<u>AAM</u>	<u>AAM</u>	<u>AAM</u>
86	MUJAWAR SAIF ANJUM	<u>Msaif</u>	<u>Msaif</u>	<u>Msaif</u>	<u>Msaif</u>	-Ab-	<u>Msaif</u>	<u>Msaif</u>	-Ab-	<u>Msaif</u>	-Ab-
87	MULLA ALISHA NARUDDIN	<u>Dulla</u>	<u>Dulla</u>	<u>Dulla</u>	<u>Dulla</u>	-Ab-	<u>Dulla</u>	-Ab-	<u>Dulla</u>	<u>Dulla</u>	<u>Dulla</u>
88	MULLA SUMAIYYA ABDULGANI	<u>Sumaiyya</u>	<u>Sumaiyya</u>	-Ab-	<u>Sumaiyya</u>	<u>Sumaiyya</u>	-Ab-	<u>Sumaiyya</u>	<u>Sumaiyya</u>	<u>Sumaiyya</u>	<u>Sumaiyya</u>
89	MULLANI ARBAI YUNUS	<u>Marsbay</u>	<u>Marsbay</u>	<u>Marsbay</u>	<u>Marsbay</u>	-Ab-	<u>Marsbay</u>	<u>Marsbay</u>	<u>Marsbay</u>	-Ab-	<u>Marsbay</u>
90	NALAWADE ANURADHA DILIP	<u>ADU</u>	<u>ADU</u>	<u>ADU</u>	<u>ADU</u>	<u>ADU</u>	-Ab-	<u>ADU</u>	-Ab-	<u>ADU</u>	<u>ADU</u>
91	PAGADE SNEHA DEEPAK	<u>Psneha</u>	<u>Psneha</u>	<u>Psneha</u>	-Ab-	<u>Psneha</u>	<u>Psneha</u>	<u>Psneha</u>	<u>Psneha</u>	<u>Psneha</u>	<u>Psneha</u>
92	PATANKAR DHANAYA DILIP	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>	-Ab-	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>

93	PATEKAR VISHAL SHASHIKANT	V.S. Patekar	V.S. Patekar	V.S. Patekar	-Ab-	V.S. Patekar	V.S. Patekar	-Ab-	V.S. Patekar	V.S. Patekar	V.S. Patekar
94	PATHAN JUVERIYA JAVED	J.S. Pathan	J.S. Pathan	-Ab-	J.S. Pathan	J.S. Pathan	-Ab-	J.S. Pathan	J.S. Pathan	J.S. Pathan	J.S. Pathan
95	PATIL ANSHU BALIRAM	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
96	PATIL NIKHIL RAJARAM	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
97	PATIL SANIKA SUBHASH	Patil	Patil	-Ab-	Patil	Patil	Patil	Patil	Patil	Patil	Patil
98	POWAR SALONI RAMESH	Powar	Powar	Powar	Powar	Powar	Powar	Powar	Powar	Powar	Powar
99	SABAT PRACHITA SHYAMGHAN	Sabat	Sabat	Sabat	-Ab-	Sabat	Sabat	-Ab-	Sabat	Sabat	Sabat
100	SAGAR POOJA KRUSHNA	S.P.K	S.P.K	S.P.K	S.P.K	S.P.K	-Ab-	S.P.K	S.P.K	-Ab-	S.P.K
101	SALUNKHE PRATHMESH KIRAN	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	-Ab-	Salunkhe
102	SANKPAL AVINASH SANJAY	Sankpal	-Ab-	Sankpal	Sankpal	-Ab-	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal
103	SATHE ABHISHEK MARUTI	Asathe	Asathe	-Ab-	Asathe	Asathe	Asathe	-Ab-	Asathe	Asathe	Asathe
104	SHENDURE PRATHAMESH NITIN	Shendure	-Ab-	Shendure	-Ab-	Shendure	Shendure	Shendure	Shendure	Shendure	Shendure
105	SHEVALE ARYA SATISH	Ashevale	Ashevale	-Ab-	Ashevale	Ashevale	Ashevale	-Ab-	Ashevale	Ashevale	Ashevale
106	SONTAKKE SHRUTI MARUTI	Shruti	-Ab-	Shruti	Shruti	Shruti	-Ab-	Shruti	Shruti	Shruti	Shruti
107	SUTAR ANUJA RAMESH	S.A.R	S.A.R	S.A.R	S.A.R	S.A.R	-Ab-	S.A.R	S.A.R	S.A.R	S.A.R
108	TAHASILDAR JASMIN SARDAR	Tu.J.S	Tu.J.S	Tu.J.S	Tu.J.S	-Ab-	Tu.J.S	Tu.J.S	Tu.J.S	-Ab-	Tu.J.S
109	ZENDE PRANIT RAJU	Zende	Zende	Zende	Zende	-Ab-	Zende	Zende	Zende	-Ab-	Zende
110	DEVALE SANIYA AMRUT	Devale	Devale	Devale	Devale	Devale	Devale	Devale	-Ab-	-Ab-	Devale
111	GAYAKWAD SARVESH JAGDISH	G.S.J	G.S.J	G.S.J	G.S.J	G.S.J	-Ab-	G.S.J	-Ab-	G.S.J	G.S.J
112	INGALE NIMISH DILIP	NDI	NDI	NDI	NDI	-Ab-	NDI	NDI	NDI	NDI	NDI
113	KADAM ANURADHA GANGARAM	KNG	KNG	KNG	KNG	KNG	-Ab-	KNG	KNG	KNG	KNG
114	KADAM OMKAR UMESH	Kadamou	Kadamou	Kadamou	Kadamou	Kadamou	Kadamou	-Ab-	Kadamou	Kadamou	Kadamou
115	KAMBLE RITESH SHANKAR	Kamble	Kamble	Kamble	Kamble	Kamble	-Ab-	Kamble	Kamble	Kamble	-Ab-
116	KUNGIRI ROHIT AMBODAS	Kungiri.RA	Kungiri.RA	Kungiri.RA	Kungiri.RA	-Ab-	Kungiri.RA	Kungiri.RA	-Ab-	Kungiri.RA	Kungiri.RA
117	MUJAWAR AFIYA ZAKIRHUSEN	MAZ	MAZ	MAZ	MAZ	-Ab-	MAZ	MAZ	MAZ	MAZ	-Ab-

118	MUJAWAR MUSKAN KHUDBUDDIN	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar	M.K. Mujawar
119	NAIK ABHISHEK SUBHASH	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
120	NAIK ASHISH ASHOK	Asnaik	-Ab-	Asnaik	Asnaik	-Ab-	Asnaik	Asnaik	Asnaik	Asnaik	Asnaik
121	PATHAN SHAHARUKH RAHIMKHAN	Pathansh	-Ab-	Pathansh	Pathansh	-Ab-	Pathansh	Pathansh	Pathansh	Pathansh	Pathansh
122	PATIL ASMITA ANNASO	P.A.A	P.A.A	P.A.A	-Ab-	P.A.A	P.A.A	P.A.A	P.A.A	P.A.A	P.A.A
123	SHAIKH ALISHA RAMJAN	Shaikh AR		Shaikh AR	Shaikh AR	Shaikh AR	Shaikh AR	-Ab-	Shaikh AR	Shaikh AR	Shaikh AR
124	SHINDE BHAKTI VIJAY	Bhinde	Bhinde	Bhinde	-Ab-	Bhinde	-Ab-	Bhinde	Bhinde	Bhinde	-Ab-
125	SHINTRE SAMMED NITIN	Shintre	Shintre	Shintre	-Ab-	Shintre	Shintre	Shintre	-Ab-	Shintre	Shintre
126	THORAT DIVYA YOGESH	Dyt	Dyt	Dyt	Dyt	Dyt	Dyt	Dyt	Dyt	Dyt	-Ab-
127	VANTMURI TAZEEN SHABIR	Vantmuri	Vantmuri	Vantmuri	-Ab-	Vantmuri	-Ab-	Vantmuri	Vantmuri	Vantmuri	-Ab-
128	ZOLE MAYURI RAMESH	MRZole	MRZole	MRZole	MRZole	MRZole	MRZole	MRZole	MRZole	MRZole	-Ab-
129	KAMBLE JANHAVI SURYKANT	JSK	JSK	JSK	JSK	JSK	-Ab-	JSK	JSK	JSK	JSK
130	RANGOLE ONKAR PRAKASH	OPRangole	OPRangole	OPRangole	OPRangole	OPRangole	OPRangole	OPRangole	OPRangole	OPRangole	OPRangole
131	BANDGAR SHREYAS SOMAJI	SB Soma	SB Soma	-Ab-	SB Soma	SB Soma	-Ab-	SB Soma	SB Soma	SB Soma	-Ab-
132	VANJARI DARSHAN BHIMRAO	VBhimrao	VBhimrao	-Ab-	VBhimrao	VBhimrao	-Ab-	VBhimrao	VBhimrao	VBhimrao	VBhimrao
133	MALAGE ANIRUDDH PRAFULL	APrafal	APrafal	APrafal	-Ab-	APrafal	APrafal	APrafal	APrafal	APrafal	APrafal
134	SHETYAPANAVAR SARASWATI IRANNA	SSS	SSS	SSS	SSS	SSS	-Ab-	SSS	SSS	SSS	SSS
135											
136											
137											
138											



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

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

शिक्षणमहर्षि डॉ. बापूजी साळुंखे

SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA, KOLHAPUR

Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji.

Department of Chemistry

Basic analytical Techniques in Industry 2021-2022

Practical Timetable (2021-2022)

Notice

02/11/2021

All the students who confirmed their admissions to certificate course entitled 'Basic analytical Techniques in Industry' are hereby informed that, practicals of this course are going to start from Tuesday 15th November 2021. All students must attend practicals according to Time table given below.

TIME	MONDAY	TUESDAY	WEDNSDAY	THURSDAY	FRIDAY
09:30 AM To 11.00 AM	F 3 (PSV) F 7 (VBS)	F 8 (SAM) F 1 (SRM)	F 12 (PSV) F 2 (NHV)	F 10 (KSB), F 9 (ANK)	F 11 (ANK),



Dr. A. A. Ghane
Head, Dept. of chemistry

Name of Course: Basic Analytical Techniques in Industry (2021-2022)

Attendance Sheet

Sr. No.	NAME OF STUDENTS	11/11/2021	12/11/2021	13/11/2021	13/11/2021	13/11/2021					
1	SASANE NEHA SANJAY	<u>SNB</u>	<u>SNB</u>	<u>Ab-</u>	<u>SNB</u>	<u>SNB</u>					
2	SUTAR SANMAY ANAND	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>	<u>S.A.S</u>					
3	PATIL PADMSHRI RAMDAS	<u>Patil</u>	<u>Ab-</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>					
4	PATIL SAKSHI JAGONDA	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>	<u>Spatil</u>					
5	KADAKANE PRATIKSHA RAVASAHEB	<u>KPR</u>	<u>Ab-</u>	<u>KPR</u>	<u>KPR</u>	<u>Ab-</u>					
6	ALAGUNDE RAHUL MADHUKAR	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>					
7	BELAGI SWARALI RUDRAPPA	<u>Ab-</u>	<u>B.S.R.</u>	<u>B.S.R.</u>	<u>B.S.R.</u>	<u>B.S.R.</u>					
8	BHOSALE ROHAN SATISH	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>					
9	DEVALE ADITYA SUDHAKAR	<u>Ab-</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>					
10	GAIKWAD SAKSHI PARSHURAM	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>	<u>SPG</u>					
11	GHADAGE SOURABH SUNIL	<u>Sobh</u>	<u>Sobh</u>	<u>Sobh</u>	<u>Sobh</u>	<u>Sobh</u>					
12	GHARUNGE YASH VISHAL	<u>Y.S. Ghay</u>	<u>Y.S. Ghay</u>	<u>Y.S. Ghay</u>	<u>Ab-</u>	<u>Y.S. Ghay</u>					
13	GORE SAKSHI DATTATRAY	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>	<u>Score</u>					
14	HULMANI PRAKASH BHOJRAJ	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>	<u>P.B.H</u>					
15	JADHAV SHUBHAM BHARAT	<u>Sjadhav</u>	<u>Sjadhav</u>	<u>Ab-</u>	<u>Sjadhav</u>	<u>Sjadhav</u>					
16	JAKHALE SHRADDHA RAMESH	<u>Jakha</u>	<u>Jakha</u>	<u>Jakha</u>	<u>Jakha</u>	<u>Jakha</u>					
17	KADAM RAKESH MADHUKAR	<u>Rakesh</u>	<u>Rakesh</u>	<u>Rakesh</u>	<u>Rakesh</u>	<u>Rakesh</u>					
18	KAMALAKAR ADITYA SUDHAKAR	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>	<u>ASK</u>	<u>Ab-</u>					
19	KAMBLE PRACHITA JAGANNATH	<u>KPT</u>	<u>KPT</u>	<u>KPT</u>	<u>Ab-</u>	<u>KPT</u>					
20	KAMBLE VAIBHAV GANBAR	<u>Vkamble</u>	<u>Vkamble</u>	<u>Vkamble</u>	<u>Ab-</u>	<u>Vkamble</u>					



21	KENE SUSHANT SANTOSH	<u>Skene</u>	<u>Skene</u>	<u>-Ab-</u>	<u>Skene</u>	<u>Skene</u>						
22	KHALLE RAVINDRA SADASHIV	<u>R.S.Khalle</u>	<u>R.S.Khalle</u>	<u>R.S.Khalle</u>	<u>-Ab-</u>	<u>R.S.Khalle</u>						
23	KUMBHAR RAJESHWARI CHANDRAKANT	<u>KRC.</u>	<u>K.R.C.</u>	<u>KRC.</u>	<u>KRC.</u>	<u>KRC.</u>						
24	LATANE PRACHI UDAY	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>Latane</u>	<u>Latane</u>	<u>Latane</u>			
25	MAGDUM PRITESH SUJAY	<u>Megadu</u>	<u>megadu</u>	<u>megadu</u>	<u>megadu</u>	<u>-Ab-</u>						
26	MALAWADE ADITYA GAJANAN	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>-Ab-</u>						
27	MORE VISHAL DHANAJI	<u>Kskay</u>	<u>Kskel</u>	<u>Ksdy.</u>	<u>KsKap</u>	<u>-Ab-</u>						
28	NADAF ARMAN HUSEN	<u>A.H.Nadaf</u>	<u>A.H.Nadaf</u>	<u>A.H.Nadaf</u>	<u>A.H.Nadaf</u>	<u>A.H.Nadaf</u>						
29	NAIK REVATI SANTOSH	<u>Pratik</u>	<u>Pratik</u>	<u>Pratik</u>	<u>Pratik</u>	<u>Pratik</u>						
30	NAKIL SOURABH SACHIN	<u>Nikangs</u>	<u>Nikangs</u>	<u>Nikangs</u>	<u>Nikangs</u>	<u>Nikangs</u>						
31	NIKAM SUYASH SANJAY	<u>Skmp</u>	<u>Skmp</u>	<u>Skmp</u>	<u>Skmp</u>	<u>Skmp</u>						
32	PATIL KIRAN BHIMGONDA	<u>P.K.B</u>	<u>P.K.B</u>	<u>P.K.B</u>	<u>P.K.B</u>	<u>P.K.B</u>						
33	PATIL MANASI VIDYANAND	<u>mpatil</u>	<u>mpatil</u>	<u>mpatil</u>	<u>mpatil</u>	<u>mpatil</u>						
34	PATIL MANSI VIJAY	<u>M.V.P.</u>	<u>-Ab-</u>	<u>M.V.P.</u>	<u>M.V.P.</u>	<u>M.V.P.</u>	<u>mpatil</u>	<u>mpatil</u>	<u>mpatil</u>			
35	PATIL PANCHSHIL VIJAY	<u>A.C.Pan</u>	<u>A.C.Pan</u>	<u>-Ab-</u>	<u>A.C.Pan</u>	<u>A.C.Pan</u>						
36	POWAR ANKUSH CHANDRAKANT	<u>Powar</u>	<u>-Ab-</u>	<u>Powar</u>	<u>Powar</u>	<u>Powar</u>						
37	POWAR DEEP VINAYAK	<u>DVP</u>	<u>DVP</u>	<u>DVP</u>	<u>-Ab-</u>	<u>DVP</u>						
38	RAVAL SANMATI GURUDEV	<u>Raval</u>	<u>Raval</u>	<u>Raval</u>	<u>-Ab-</u>	<u>Raval</u>						
39	REGE VINAYAK SAMBHAJI	<u>V.S.Rege</u>	<u>V.S.Rege</u>	<u>V.S.Rege</u>	<u>V.S.Rege</u>	<u>V.S.Rege</u>						
40	SAWANT SAMIKSHA MADHUKAR	<u>Smiksha</u>	<u>Smiksha</u>	<u>Smiksha</u>	<u>-Ab-</u>	<u>Smiksha</u>						
41	SHARMA TRUPTI AMOL	<u>TASHARMA</u>	<u>TASHARMA</u>	<u>-Ab-</u>	<u>TASHARMA</u>	<u>TASHARMA</u>						
42	SHENDE SANGRAM SHANKAR	<u>Shende</u>	<u>Shende</u>	<u>Shende</u>	<u>Shende</u>	<u>Shende</u>						
43	TADAKHE RADHIKA SANJAY	<u>Tadake</u>	<u>Tadake</u>	<u>Tadake</u>	<u>Tadake</u>	<u>Tadake</u>						
44	THANEKAR ROHAN SURESH	<u>Thane</u>	<u>Thane</u>	<u>Thane</u>	<u>Thane</u>	<u>Thane</u>						



45	VADAR MANASI VIJAY	<u>MNV</u>	<u>MNV</u>	<u>MNV</u>	<u>MNV</u>	<u>-Ab-</u>													
46	VIBHUTE VRUSHALI RAVINDRA	<u>V.V.R</u>	<u>V.V.R</u>	<u>V.V.R</u>	<u>V.V.R</u>	<u>-Ab-</u>													
47	WAGHAMODE SHWETA UMESH	<u>shweta</u>	<u>-Ab-</u>	<u>shweta</u>	<u>-Ab-</u>	<u>shweta</u>													
48	AAMASHI BHUSHAN RAJU	<u>BAJ</u>	<u>BAJ</u>	<u>-Ab-</u>	<u>BAJ</u>	<u>BAJ</u>													
49	ADARSHE VAIBHAVI RAJENDRA	<u>Pradarshe</u>	<u>-Ab-</u>	<u>Pradarshe</u>	<u>Pradarshe</u>	<u>-Ab-</u>													
50	AMBI SUNAMI ALIS PRADNYA GAJANAN	<u>ASam</u>	<u>ASam</u>	<u>-Ab-</u>	<u>ASam</u>	<u>ASam</u>													
51	AMBI YASHSVI SURESH	<u>YAmbi</u>	<u>YAmbi</u>	<u>-Ab-</u>	<u>YAmbi</u>	<u>YAmbi</u>													
52	BAGWAN SIFA JAMEER	<u>B.S.J</u>	<u>B.S.J</u>	<u>B.S.J</u>	<u>-Ab-</u>	<u>B.S.J</u>													
53	BALLARI ABHISHEK VYANKATESH	<u>Ballari</u>	<u>Ballari</u>	<u>-Ab-</u>	<u>Ballari</u>	<u>-Ab-</u>													
54	BALLOLE VISHAL SURENDRA	<u>LSolole</u>	<u>LSolole</u>	<u>LSolole</u>	<u>LSolole</u>	<u>LSolole</u>													
55	BHANDARE RAMESHWARI MANIK	<u>Bhandare</u>	<u>Bhandare</u>	<u>-Ab-</u>	<u>Bhandare</u>	<u>Bhandare</u>													
56	BHATALE PRIYANKA DASHRATH	<u>PDB</u>	<u>-Ab-</u>	<u>PDB</u>	<u>PDB</u>	<u>PDB</u>													
57	BHORE VIRESH BAPUSO	<u>B.V.B</u>	<u>B.V.B</u>	<u>B.V.B</u>	<u>-Ab-</u>	<u>B.V.B</u>													
58	CHAUGULE YASHRAJ SUBHSH	<u>YC</u>	<u>YC</u>	<u>YC</u>	<u>YC</u>	<u>-Ab-</u>													
59	CHAVAN RUTUJA BABAN	<u>P28</u>	<u>-Ab-</u>	<u>P28</u>	<u>-Ab-</u>	<u>P28</u>													
60	CHOUGULE PRITI SURESH	<u>chougule</u>	<u>chougule</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>chougule</u>													
61	DEVMORE KIRAN RAJARAM	<u>Piran</u>	<u>Piran</u>	<u>Piran</u>	<u>Piran</u>	<u>Piran</u>													
62	DONE ANIKET SANJAY	<u>ASam</u>	<u>ASam</u>	<u>ASam</u>	<u>ASam</u>	<u>ASam</u>													
63	GANGADHAR SHREYAS NAMDEV	<u>G.S.N.</u>	<u>G.S.N.</u>	<u>G.S.N.</u>	<u>G.S.N.</u>	<u>G.S.N.</u>													
64	GAVATE AKSHAY PRASHANT	<u>Akshay</u>	<u>Akshay</u>	<u>-Ab-</u>	<u>Akshay</u>	<u>Akshay</u>													
65	JADHAV SOURABH SUNIL	<u>Sourabh</u>	<u>Sourabh</u>	<u>Sourabh</u>	<u>Sourabh</u>	<u>Sourabh</u>													
66	JAGTAP SAKSHI AJAY	<u>Jagtap</u>	<u>-Ab-</u>	<u>Jagtap</u>	<u>-Ab-</u>	<u>Jagtap</u>													
67	JAMADAR UJMANA RAHUL	<u>Ujman</u>	<u>Ujman</u>	<u>-Ab-</u>	<u>Ujman</u>	<u>Ujman</u>													



68	KADIMANI PRASHANT BALASO	<u>Prashant</u>	<u>Prashant</u>	<u>Prashant</u>	<u>Prashant</u>	<u>-Ab-</u>								
69	KAMAT NAVEEN KUMAR	<u>Nkam</u>	<u>Nkam</u>	<u>Nkam</u>	<u>-Ab-</u>	<u>Nkam</u>								
70	KAMAT SHRAVANI SAMRAT	<u>-Ab-</u>	<u>Nkam</u>	<u>Nkam</u>	<u>Nkam</u>	<u>Nkam</u>								
71	KAMBLE DARPAN DILIP	<u>Dambl</u>	<u>Dambl</u>	<u>Dambl</u>	<u>Dambl</u>	<u>-Ab-</u>								
72	KAMBLE JYOTI SAVAKAR	<u>JSK</u>	<u>JSK</u>	<u>JSK</u>	<u>JSK</u>	<u>JSK</u>								
73	KAMBLE PRANAV VIJAY	<u>Pranav</u>	<u>Pranav</u>	<u>Pranav</u>	<u>-Ab-</u>	<u>Pranav</u>								
74	KAMBLE TUSHAR VALMIK	<u>T.v.kamble</u>	<u>T.v.kamble</u>	<u>-Ab-</u>	<u>T.v.kamble</u>	<u>T.v.kamble</u>								
75	KHETMAR PRERNA VITTHAL	<u>P.v.k</u>	<u>P.v.k</u>	<u>P.v.k</u>	<u>P.v.k</u>	<u>-Ab-</u>								
76	KORE ABHILASHA ASHOK	<u>Abore</u>	<u>Abore</u>	<u>-Ab-</u>	<u>-Ab-</u>	<u>Abore</u>								
77	KUMBHAR AKSHAY SURESH	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>A.S.K</u>	<u>-Ab-</u>								
78	MADRE SNEHAL PANDURANG	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>-Ab-</u>								
79	MAHALE TEJASHRI KALPESH	<u>Tejashri</u>	<u>Tejashri</u>	<u>Tejashri</u>	<u>-Ab-</u>	<u>Tejashri</u>								
80	MALI KARAN SUBHASH	<u>Mkaran</u>	<u>Mkaran</u>	<u>Mkaran</u>	<u>Mkaran</u>	<u>Mkaran</u>								
81	MAMDAPURE AKSHAY ANIL	<u>Amardapur</u>	<u>Amardapur</u>	<u>Amardapur</u>	<u>-Ab-</u>	<u>Amardapur</u>								
82	MANE RAJNANDINI VISHWAMITRA	<u>MRV</u>	<u>MRV</u>	<u>MRV</u>	<u>MRV</u>	<u>MRV</u>								
83	MANE SARVESH RAMESH	<u>S@</u>	<u>-Ab-</u>	<u>S@</u>	<u>S@</u>	<u>S@</u>								
84	MIRAJE AMRUTA VISHWANATH	<u>Miraj</u>	<u>Miraj</u>	<u>Miraj</u>	<u>Miraj</u>	<u>-Ab-</u>								
85	MUDGAL ANIRUDDHA ANANDA	<u>AAM</u>	<u>AAM</u>	<u>-Ab-</u>	<u>AAM</u>	<u>AAM</u>	<u>AAM</u>			<u>AAM</u>	<u>AAM</u>	<u>AAM</u>	<u>AAM</u>	<u>AAM</u>
86	MUJAWAR SAIF ANJUM	<u>Msaif</u>	<u>Msaif</u>	<u>Msaif</u>	<u>Msaif</u>	<u>-Ab-</u>								
87	MULLA ALISHA NARUDDIN	<u>Aulla</u>	<u>Aulla</u>	<u>-Ab-</u>	<u>Aulla</u>	<u>Aulla</u>	<u>Aulla</u>			<u>Aulla</u>	<u>Aulla</u>	<u>Aulla</u>	<u>Aulla</u>	<u>Aulla</u>
88	MULLA SUMAIYYA ABDULGANI	<u>Sumaiyya</u>	<u>Sumaiyya</u>	<u>Sumaiyya</u>	<u>Sumaiyya</u>	<u>-Ab-</u>								
89	MULLANI ARBAI YUNUS	<u>MArbai</u>	<u>MArbai</u>	<u>MArbai</u>	<u>MArbai</u>	<u>-Ab-</u>								
90	NALAWADE ANURADHA DEEPA	<u>ANU</u>	<u>ANU</u>	<u>ANU</u>	<u>-Ab-</u>	<u>ANU</u>								
91	PAGADE SNEHA DEEPA	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>	<u>Sneha</u>								
92	PATANKAR DHANAYA DILIP	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>	<u>-Ab-</u>	<u>Patankar</u>				<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>	<u>Patankar</u>

93	PATEKAR VISHAL SHASHIKANT	<u>N.S. Patekar</u>	<u>N.S. Patekar</u>	<u>-Ab-</u>	<u>N.S. Patekar</u>	<u>N.S. Patekar</u>		<u>N.S. Patekar</u>	<u>N.S. Patekar</u>	<u>N.S. Patekar</u>	<u>N.S. Patekar</u>
94	PATHAN JUVERIYA JAVED	<u>J.S. Pathan</u>	<u>J.S. Pathan</u>	<u>-Ab-</u>	<u>J.S. Pathan</u>	<u>J.S. Pathan</u>		<u>J.S. Pathan</u>	<u>J.S. Pathan</u>	<u>J.S. Pathan</u>	<u>J.S. Pathan</u>
95	PATIL ANSHU BALIRAM	<u>P.Patil</u>	<u>P.Patil</u>	<u>-Ab-</u>	<u>P.Patil</u>	<u>P.Patil</u>		<u>P.Patil</u>	<u>P.Patil</u>	<u>P.Patil</u>	<u>P.Patil</u>
96	PATIL NIKHIL RAJARAM	<u>N.S.</u>	<u>N.S.</u>	<u>-Ab-</u>	<u>N.S.</u>	<u>N.S.</u>					
97	PATIL SANIKA SUBHASH	<u>Satish</u>	<u>Satish</u>	<u>-Ab-</u>	<u>Satish</u>	<u>Satish</u>					
98	POWAR SALONI RAMESH	<u>Power</u>	<u>Power</u>	<u>-Ab-</u>	<u>Power</u>	<u>Power</u>					
99	SABAT PRACHITA SHYAMGHAN	<u>P.Sabat</u>	<u>P.Sabat</u>	<u>-Ab-</u>	<u>P.Sabat</u>	<u>P.Sabat</u>					
100	SAGAR POOJA KRUSHNA	<u>S.P.K.</u>	<u>S.P.K.</u>	<u>S.P.K.</u>	<u>S.P.K.</u>	<u>S.P.K.</u>					
101	SALUNKHE PRATHMESH KIRAN	<u>Salunkhe</u>	<u>Salunkhe</u>	<u>Salunkhe</u>	<u>Salunkhe</u>	<u>Salunkhe</u>					
102	SANKPAL AVINASH SANJAY	<u>SAvinash</u>	<u>SAvinash</u>	<u>SAvinash</u>	<u>SAvinash</u>	<u>SAvinash</u>					
103	SATHE ABHISHEK MARUTI	<u>Assthe</u>	<u>-Ab-</u>	<u>Assthe</u>	<u>Assthe</u>	<u>Assthe</u>					
104	SHENDURE PRATHAMESH NITIN	<u>Shendure</u>	<u>Shendure</u>	<u>Shendure</u>	<u>Shendure</u>	<u>Shendure</u>					
105	SHEVALE ARYA SATISH	<u>ASShevale</u>	<u>ASShevale</u>	<u>-Ab-</u>	<u>ASShevale</u>	<u>ASShevale</u>					
106	SONTAKKE SHRUTI MARUTI	<u>shruti</u>	<u>shruti</u>	<u>shruti</u>	<u>shruti</u>	<u>shruti</u>					
107	SUTAR ANUJA RAMESH	<u>S.A.R.</u>	<u>S.A.R.</u>	<u>S.A.R.</u>	<u>S.A.R.</u>	<u>S.A.R.</u>					
108	TAHASILDAR JASMIN SARDAR	<u>TaJ.s.</u>	<u>TaJ.s.</u>	<u>TaJ.s.</u>	<u>TaJ.s.</u>	<u>TaJ.s.</u>					
109	ZENDE PRANIT RAJU	<u>Zende</u>	<u>Zende</u>	<u>Zende</u>	<u>Zende</u>	<u>Zende</u>					
110	DEVALE SANIYA AMRUT	<u>devaler</u>	<u>devaler</u>	<u>devaler</u>	<u>devaler</u>	<u>-Ab-</u>					
111	GAYAKWAD SARVESH JAGDISH	<u>G.S.J</u>	<u>G.S.J</u>	<u>G.S.J</u>	<u>G.S.J</u>	<u>G.S.J</u>					
112	INGALE NIMISH DILIP	<u>NDI</u>	<u>NDI</u>	<u>NDI</u>	<u>NDI</u>	<u>NDI</u>					
113	KADAM ANURADHA GANGARAM	<u>KNG</u>	<u>KNG</u>	<u>KNG</u>	<u>KNG</u>	<u>KNG</u>					
114	KADAM OMKAR UMESH	<u>kadam o.u.</u>	<u>kadam o.u.</u>	<u>kadam o.u.</u>	<u>kadam o.u.</u>	<u>kadam o.u.</u>					
115	KAMBLE RITESH SHANKAR	<u>SRKamble</u>	<u>-Ab-</u>	<u>SRKamble</u>	<u>SRKamble</u>	<u>SRKamble</u>					
116	KUNGIRI ROHIT AMBARIKAS	<u>KungirirA</u>	<u>KungirirA</u>	<u>KungirirA</u>	<u>KungirirA</u>	<u>KungirirA</u>					
117	MUJAWAR AFIYA KAKIRHUSEN	<u>Mujawar</u>	<u>Mujawar</u>	<u>-Ab-</u>	<u>Mujawar</u>	<u>Mujawar</u>					

118	MUJAWAR MUSKAN KHUDBUDDIN	M.K. Mujawar	M.K. Mujawar	-Ab-	M.K. Mujawar														
119	NAIK ABHISHEK SUBHASH	Abhishek	Abhishek	Abhishek	Abhishek														
120	NAIK ASHISH ASHOK	ANaik	ANaik	ANaik	ANaik														
121	PATHAN SHAHARUKH RAHIMKHAN	PathansR	PathansR	PathansR	PathansR														
122	PATIL ASMITA ANNASO	APatil	APatil	-Ab-	APatil														
123	SHAIKH ALISHA RAMJAN	Alisha	Alisha	Alisha	-Ab-														
124	SHINDE BHAKTI VIJAY	Bhinde	Bhinde	-Ab-	Bhinde														
125	SHINTRE SAMMED NITIN	Shinde	Shinde	Shinde	Shinde														
126	THORAT DIVYA YOGESH	DyT	DyT	-Ab-	DyT														
127	VANTMURI TAZEEN SHABIR	Vantmuri	Vantmuri	Vantmuri	-Ab-														
128	ZOLE MAYURI RAMESH	MRzole	MRzole	MRzole	-Ab-														
129	KAMBLE JANHAVI SURYKANT	JK	-Ab-	JK	JK														
130	RANGOLE ONKAR PRAKASH	OPRangole	OPRangole	OPRangole	OPRangole														
131	BANDGAR SHREYAS SOMAJI	SSBander	SSBander	SSBander	SSBander														
132	VANJARI DARSHAN BHIMRAO	VBan	-Ab-	VBan	VBan														
133	MALAGE ANIRUDDH PRAFULL	MAPrakul	MAPrakul	-Ab-	MAPrakul														
134	SHETYAPANAVAR SARASWATI IRANNA	SHIranna	SHIranna	-Ab-	SHIranna														
135																			
136																			
137																			
138																			



AAG

HEAD,

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

“ज्ञान, विज्ञान आणि अनुसंधान यासाठी शिक्षणप्रसार”
शिक्षणमहर्षि डॉ. आपूजी भालुंबे

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

Academic year 2021-2022

Basic Analytical Techniques in Industry

Notice

Date: 03/01/2022

All the students of course 'Basic Analytical Techniques in Industry' are hereby informed that, **Theory and Practical examination** of this course is scheduled as below. All the students must remain present for Theory and practical examination on scheduled time as there is no provision of Re-examination.

Date	Time	Paper	Marks
06/01/2022	11:00 am to 12:30 pm	Paper-I (Theory)	30
07/01/2022	11:00 am to 2:00 pm	Paper-II (Practical)	20



Dr. D. A. Kumbhar
Co-ordinator
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Dr. A. A. Ghare
HEAD,
Department of Chemistry
Dattajirao Kadam Arts, Science
& Commerce College,
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“ज्ञान, विज्ञानव्याप्तिसुखं नकारयामासीति शिक्षणप्रसाद”

शिक्षणमहर्षि डॉ. भापूजीनालुंखे

श्रीरामाभिषेकानंदशिक्षणसंस्था, कोल्हापूरचे

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

Department of Chemistry

Basic Analytical Techniques in Industry Paper-I

(2021-2022)

Date: 06/01/2022

Time: 1.5 hour

Marks:30

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

1) What is the measure of concentration that is expressed in equivalents per liter?

A) Normality B) Equivalent weight C) Molarity D) Molecular weight

2) 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 liter of a substance D) The weight of one gram of a substance

3) The concentration of a solution expressed in moles of solute per kilogram of solvent is known as:

A) Normality B) Equivalent weight C) Molality D) Molarity

4) What is the main principle behind solvent extraction in the purification process?

A) Differences in boiling points B) Differences in solubility

C) Differences in melting points D) Differences in viscosity

Chromatographic Techniques - Adsorption Chromatography and Partition Chromatography

5) 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

6) Which of the following is a primary raw material commonly used in the chemical industry?

A) Petrol B) Water C) Wood D) Oxygen

7) Which of the following is an example of a unit operation in a chemical process?

A) Distillation B) Polymerization C) Catalysis D) Filtration

8) What is the primary purpose of mass balance calculations in chemical processes?

A) Determining reaction mechanisms B) Evaluating environmental impacts

C) Ensuring safety in operations D) Accounting for material quantities in a system



9) Which of the following best describes the purpose of an analytical instrument in chemistry?

- A) To perform chemical reactions B) To measure physical properties of substances
C) To store chemicals safely D) To synthesize new compounds

10) 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

Q.2. Attempt any one of the following.

10 Marks

- 1) Define the term "unit operation" in the context of industrial chemistry.
- 2) How does filtration differ from decantation in the separation of mixtures? Provide an example of an industrial application for each.

Q.2. Attempt any two of the following.

10 Marks

- 1) Define the terms- Normality, Molarity, Molality, Equivalent weight.
- 2) Differentiate between simple distillation and fractional distillation.
- 3) Explain the principle of colorimetry.



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शिक्षण महर्षि डॉ. बापूजी साळुंखे

श्रीरामा म्हापिकानंद शिक्षण संस्था, कोल्हापूरचे

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

Department of Chemistry

Basic Analytical Techniques in Industry Paper-II

Practical Examination (2021-2022)

Date: 07/01/2022

Time: 2 hour

Marks: 20

Q.1. Perform any two experiment.

20 Marks

- 1) To determine the ionic strength from given solution by using conductometer.
- 2) To determine the unknown concentration of Sulphate by spectrophotometry method.
- 3) To determine the pH of given solution.



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शिक्षणमहर्षि डॉ. आपूजी भाळुंबे
श्री दत्ताजी विठ्ठलकानंद शिक्षण संस्था, कोल्हापूरचे
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.
Department of Chemistry
Basic Analytical Techniques in Industry Paper-I
(2021-2022)

Date: 03-01-2022

Time: 1.5 hour

Marks: 30

Model Answer Paper

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

- i) a
- ii) a
- iii) c
- iv) c
- v) c
- vi) b
- vii) a
- viii) d
- ix) a
- x) c

Q.2. Attempt any one of the following.

10 Marks

- a) i) Definition of Unit Operations 2 marks
- ii) Explanation of two Unit Operation 8 marks
- b) i) Difference between Decantation and Filtration 2 marks
- ii) Figure 2 marks
- iii) Explanation of technique 6 marks

Q.3. Attempt any two of the following.

10 Marks

- a) Define term Normality, Molarity, Molality,
Equivalent weight 5 marks
- b) Simple Distillation Fractional Distillation 5 marks
- 1)
- 2)



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शिक्षण महर्षि डा. आपूजी आळुंबे

श्री. दत्ताजी विवेकानंद शिक्षण संस्था, कोल्हापूरचे

Dattajirao Kadam Arts, Science & Commerce College,

Ichalkaranji.

Department Of Chemistry

Name of Course: Basic Analytical Techniques in Industry

(2021-2022)

RESULT - 2021-2022

Sr. No.	NAME OF STUDENTS	PAPER I	PAPER II	TOTAL
1	SASANE NEHA SANJAY	22	18	40
2	SUTAR SANMAY ANAND	23	19	42
3	PATIL PADMSHRI RAMDAS	27	17	44
4	PATIL SAKSHI JAGONDA	25	16	41
5	KADAKANE PRATIKSHA RAVASAHEB	27	19	46
6	ALAGUNDE RAHUL MADHUKAR	23	18	41
7	BELAGI SWARALI RUDRAPPA	21	15	36
8	BHOSALE ROHAN SATISH	20	18	38
9	DEVALE ADITYA SUDHAKAR	18	20	38
10	GAIKWAD SAKSHI PARSHURAM	23	18	41
11	GHADAGE SOURABH SUNIL	24	16	40
12	GHARUNGE YASH VISHAL	23	15	38
13	GORE SAKSHI DATTATRAY	24	15	39
14	HULMANI PRAKASH BHOJRAJ	21	15	36
15	JADHAV SHUBHAM BHARAT	23	16	39
16	JAKHALE SHRADDHA RAMESH	27	13	40
17	KADAM RAKESH MADHUKAR	17	18	35
18	KAMALAKAR ADITYA SUDHAKAR	20	14	34
19	KAMBLE PRACHITA JAGANNATH	20	16	36



20	KAMBLE VAIBHAV GABBAR	21	15	36
21	KENE SUSHANT SANTOSH	26	17	43
22	KHALLE RAVINDRA SADASHIV	21	15	36
23	KUMBHAR RAJESHWARI CHANDRAKANT	23	15	38
24	LATANE PRACHI UDAY	26	19	45
25	MAGDUM PRITESH SUJAY	24	14	38
26	MALAWADE ADITYA GAJANAN	23	16	39
27	MORE VISHAL DHANAJI	22	18	40
28	NADAF ARMAN HUSEN	22	17	39
29	NAIK REVATI SANTOSH	23	16	39
30	NAKIL SOURABH SACHIN	21	15	36
31	NIKAM SUYASH SANJAY	25	16	41
32	PATIL KIRAN BHIMGONDA	22	17	39
33	PATIL MANASI VIDYANAND	18	18	36
34	MIRAJKAR VIJAY ABASAHEB	24	18	42
35	PATIL MANSI VIJAY	21	17	38
36	POWAR ANKUSH CHANDRAKANT	20	17	37
37	POWAR DEEP VINAYAK	20	18	38
38	RAVAL SANMATI GURUDEV	19	17	36
39	REGE VINAYAK SAMBHAJI	25	14	39
40	SAWANT SAMIKSHA MADHUKAR	26	15	41
41	SHARMA TRUPTI AMOL	24	18	42
42	SHENDE SANGRAM SHANKAR	22	17	39
43	TADAKHE RADHIKA SANJAY	25	18	43
44	THANEKAR ROHAN SURESH	21	17	38
45	VADAR MANASI VIJAY	22	16	38
46	VIBHUTE VRUSHALI RAVINDRA	26	14	40
47	WAGHAMODE SHWETA UMESH	24	15	39
48	AAMASHI BHUSHAN RAJU	26	15	41
49	ADARSHE VAIBHAVI RAJENDRA	22	17	39
50	AMBI SUNAMI ALIS PRADIP	24	16	40



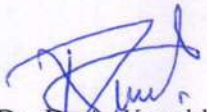
	GAJANAN			
51	AMBI YASHSVI SURESH	21	15	36
52	BAGWAN SIFA JAMEER	23	16	39
53	BALLARI ABHISHEK VYANKATESH	25	16	41
54	BALLOLE VISHAL SURENDRA	21	18	39
55	BHANDARE RAMESHWARI MANIK	23	14	37
56	BHATALE PRIYANKA DASHRATH	21	17	38
57	BHORE VIRESH BAPUSO	20	15	35
58	CHAUGULE YASHRAJ SUBHSH	20	17	37
59	CHAVAN RUTUJA BABAN	24	17	41
60	CHOUGULE PRITI SURESH	18	14	32
61	DEVMORE KIRAN RAJARAM	18	15	33
62	DONE ANIKET SANJAY	18	17	35
63	GANGADHAR SHREYAS NAMDEV	24	15	39
64	GAVATE AKSHAY PRASHANT	26	17	43
65	JADHAV SOURABH SUNIL	24	17	41
66	JAGTAP SAKSHI AJAY	23	18	41
67	JAMADAR UJMANA RAFIK	23	16	39
68	KADIMANI PRASHANT BALASO	20	17	37
69	KAMAT NAVEEN KUMAR	21	15	36
70	KAMAT SHRAVANI SAMRAT	26	17	43
71	KAMBLE DARPAN DILIP	22	18	40
72	KAMBLE JYOTI SAVAKAR	18	15	33
73	KAMBLE PRANAV VIJAY	17	14	31
74	KAMBLE TUSHAR VALMIK	18	18	36
75	KHETMAR PRERNA VITTHAL	26	16	42
76	KORE ABHILASHA ASHOK	18	17	35
77	KUMBHAR AKSHAY SURESH	21	17	38
78	MADRE SNEHAL PANDURANG	20	19	39
79	MAHALE TEJASHRI KALPESH	17	18	35
80	MALI KARAN SUBHASH	19	16	35



81	MAMDAPURE AKSHAY ANIL	21	14	35
82	MANE RAJNANDINI VISHWAMITRA	23	18	41
83	MANE SARVESH RAMESH	22	16	38
84	MIRAJE AMRUTA VISHWANATH	22	17	39
85	MUDGAL ANIRUDDHA ANANDA	18	17	35
86	MUJAWAR SAIF ANJUM	23	14	37
87	MULLA ALISHA NARUDDIN	19	15	34
88	MULLA SUMAIYYA ABDULGANI	23	16	39
89	MULLANI ARBAI YUNUS	22	16	38
90	NALAWADE ANURADHA DILIP	25	18	43
91	PAGADE SNEHA DEEPAK	26	16	42
92	PATANKAR DHANAYA DILIP	26	14	40
93	PATEKAR VISHAL SHASHIKANT	24	17	41
94	PATHAN JUVERIYA JAVED	22	17	39
95	PATIL ANSHU BALIRAM	24	18	42
96	PATIL NIKHIL RAJARAM	23	18	41
97	PATIL SANIKA SUBHASH	24	18	42
98	POWAR SALONI RAMESH	22	14	36
99	SABAT PRACHITA SHYAMGHAN	23	18	41
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119	NAIK ABHISHEK SUBHASH	24	18	42
120	NAIK ASHISH ASHOK	21	17	38
121	PATHAN SHAHARUKH RAHIMKHAN	23	16	39
122	PATIL ASMITA ANNASO	23	15	38
123	SHAIKH ALISHA RAMJAN	20	15	35
124	SHINDE BHAKTI VIJAY	21	18	39
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126	THORAT DIVYA YOGESH	26	16	42
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128	ZOLE MAYURI RAMESH	23	17	40
129	KAMBLE JANHAVI SURYKANT	24	19	43
130	RANGOLE ONKAR PRAKASH	23	17	40
131	BANDGAR SHREYAS SOMAJI	23	18	41
132	VANJARI DARSHAN BHIMRAO	26	18	44
133	MALAGE ANIRUDDH PRAFULL	24	16	40
134	SHETYAPANAVAR SARASWATI IRANNA	25	17	42

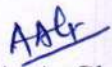

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(Dr. A. A. Ghare)

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, District:-Kolhapur

(Affiliated to Shivaji University, Kolhapur)



Certificate Course in Basic Analytical Techniques in
Industry (2021-2022)

Shri/Smt: Naik Revati Santosh

Exam: Jan 2022

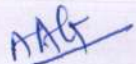
Seat No.	Paper I	Paper II	Grand Total	Percentage	Grade	Remark
129	Theory	Practical				
Maximum Marks	30	20	50	78.00 %	A ⁺	Pass
Minimum for Passing	11	07	18			
Marks Obtained	23	16	39			

Date: -17 Jan 2022


Dr. D. A. Kumbhar
Coordinator,
Department of Chemistry,
Dattajirao Kadam Arts, Science
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Mr. N. H. Waghmare
Co-Coordinator




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**Dattajirao Kadam Arts, Science & Commerce
College, Ichalkaranji, District: - Kolhapur**
(Affiliated to Shivaji University, Kolhapur)

Certificate

This is to certify that **Mr./Miss. Naik Revati Santosh** has
attended the certificate course in "**Basic Analytical
Techniques in Industry**" from **Oct 2021** to **Jan 2022** and
completed the course satisfactorily in **A⁺** grade.

Date:- 24th Jan 2023


Dr. D. A. Kumbhar
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Dr. V. S. Dhekale
Principal