



Kopargaon Taluka Education Society's

**K. J. Somaiya College of Arts, Commerce & Science,
Kopargaon**

Mohiniraj Nagar, Kopargaon, Tal: Kopargaon, Dist: Ahmednagar Pin-423601

Certificate Course in Industrial Inplant Training Programme

+ Course Code:	CC.015
+ Organized By:	Department of Chemistry
+ Date of Commencement:	01/07/2017.
+ Duration of Course:	01 Month (Min. 30 Hrs.)
+ Course Coordinator:	Dr. S. B. Kale

DEPARTMENT OF CHEMISTRY
INDUSTRIAL INPLANT TRAINING PROGRAMME

Kopergaon Taluka Education Society's

K. J. Somaiya College of Art's, Commerce & Science, Kopergaon



Academic Year

2022-23

Activity Report

Course Code- CC.015

Title- "Certificate Course in
Industrial Inplant Training Programme"

Department of Chemistry and Research Center

K. J. Somaiya College of Art's, Commerce & Science Kopergaon

Tal-Kopergaon-Dist-Ahmednagar 423601



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Academic Year: 2022-2023

Notice

Date: 26/07/2022

All the willing students of M.Sc.-II (Organic Chemistry) hereby informed that the admission to departmental certificate course-Industrial Inplant Training Programme will be commence from 28/07/2022.

HOD
(Dr. S. B. Kale)



Principal
(Dr. B. S. Yadav)

Principal
K.J.Somaiya College of Arts
Commerce & Science, Kopargaon

Letter to IQAC for seeking permission for the Industrial Inplant Training Programme

Date:04/08/2022

To,

The Coordinator,
IQAC,
K. J. Somaiya College, Kopergaon

Subject: Regarding the Permission for start Industrial Inplant Training Programme in the Department of chemistry.

Respected Sir,

The Department of **Chemistry** desires to start/organized a Remedial Classes as **Departmental Activity** in Chemistry for developing the awareness to different laboratory safety parameters, various purification techniques, green chemistry aspect, bulk chemical handling, actual industrial processing.

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	15/08/2022, 11.00 am
Venue	Department of Chemistry

The said course / seminar/ conference/ webinar/ activity will be of 30 contact hours and no fees for the course. Kindly give the permission and thank you and look forward for kind cooperation.



Yours sincerely,


Head
Dr. S. B. Kale
(Dr. S. B. Kale)
Head
Department of Chemistry
K. J. Somaiya College, Kopergaon

Permission Letter from IQAC for Organizing Industrial Inplant Training Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopargaon

To,
Head,
Department of Chemistry,
K. J. Somaiya College, Kopargaon

Subject: Permission for organizing Industrial Inplant Training Programme in the Department of Chemistry.

Dear Sir,

As per your letter Dated **04/08/2022** IQAC grants the permission for following activity:

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	15/08/2022
Venue	Department of Chemistry

You are requested to complete the documentation and submit it to IQAC after end of the programme within five working days.

Wish you all the best for programme.

Thank you.



Yours Sincerely,


(Dr. V. C. Thange)

Coordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar

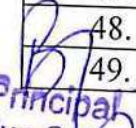
Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
 Department of Chemistry and Research Centre
 Certificate Course on
 Industrial Inplant Training Programme
Student Enrolled List For 2022-23



Sr. No.	Name of Student
1.	ASHTEKAR SHARAYU D.
2.	AUTADE PRATIKSHA A.
3.	AWARE RUTUJA R.
4.	AWARE SHASHANK S.
5.	BHAD VAIBHAV SUDAM
6.	BHANGUDE NANDU N.
7.	BHUJADE MUKUND A.
8.	BHUJADE PALLAVI R.
9.	CHAUDHARI SANGITA B.
10.	CHAUDHARI ASHWINI R.
11.	GAIKWAD DHANSHRI U.
12.	GAVALI MAHESH M.
13.	GHUMARE TANUJA A.
14.	GORDE SANKET B.
15.	GORDE RUSHIKESH R.
16.	GURSAL AKSHATA B.
17.	HIWALE UMASHNKAR G.
18.	HON SHUBHAM VISHNU
19.	JORE NIKITA VIKRAM
20.	JADHAV POOJA P.
21.	KALE KAJAL SANJAY
22.	KALE RUTUJA RAJARAM
23.	KATALE AKHIL SUDHIR
24.	KHDANGALE PRAJKTA P.

25.	KOLPE SHRUTI R.
26.	MALI PRIYANKA VIJAY
27.	MALI SHWETA VIJAY
28.	MORE PRASAD B.
29.	MORE MAYUR N.
30.	NARODE SUNIL R.
31.	NIKAM NIKITA KAILAS
32.	PANGAVHANE SUMIT R.
33.	PAYMODE RUTUJA V.
34.	PAGARE PRANALI S.
35.	RAHANE RUNAL B.
36.	RAKTATE BHARTI S.
37.	SHAIKH TAHIR YASIN
38.	SHAIKH ALTAB JAKIR
39.	SHINDE ANJALI PRAVIN
40.	SHINDE ATUL RAJENDRA
41.	SINGAR PRANALI S.
42.	SOLE PIYUSHA M.
43.	SONAWANE RUPALI P.
44.	TANPURE RAHUL S.
45.	THOMBARE SUJAY B.
46.	TURKANE PRIYANKA D.
47.	WAKCHUARE SNEHAL B.
48.	WANI AMRUT SUBHASH
49.	YADAV ABHISHEK S.


Dr. Satish B. Kale
 Head
 Department of Chemistry
 K. J. Somaiya College, Kopargaon


Principal
 K. J. Somaiya College of Arts,
 Commerce & Science, Kopargaon



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Department of Chemistry and Research Centre
Certificate Course on
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Academic Year: 2022-2023
Attendance Sheet



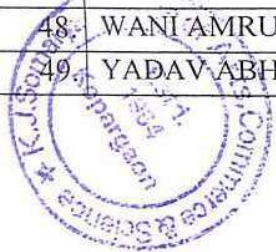
Sr. No.	Name of Student	2/8/22	3/8/22	4/8/22	5/8/22	6/8/22	8/8/22	9/8/22	10/8/22	12/8/22	13/8/22
1.	ASHTEKAR SHARAYU D.	ASD	ASD	ASD	ASD	ASD	ASD	ASD	ASD	ASD	ASD
2.	AUTADE PRATIKSHA A.	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA
3.	AWARE RUTUJA R.	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR
4.	AWARE SHASHANK S.	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se
5.	BHAD VAIBHAV SUDAM	Bhadv-s	Bhadv-s	Bhadv-s	Bhadv-s	Bhadv-s	Bhadv-s	Bhadv-s	Bhadv-s	Bhadv-s	Bhadv-s
6.	BHANGUDE NANDU N.	Bhangude	Bhangude	Bhangude	Bhangude	Bhangude	Bhangude	Bhangude	Bhangude	Bhangude	Bhangude
7.	BHUJADE MUKUND A.	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh
8.	BHUJADE PALLAVI R.	Bhp	Bhp	Bhp	Bhp	Bhp	Bhp	Bhp	Bhp	Bhp	Bhp
9.	CHAUDHARI SANGITA B.	chaudhari	chaudhari	chaudhari	chaudhari	chaudhari	chaudhari	chaudhari	chaudhari	chaudhari	chaudhari
10.	CHAUDHARI ASHWINI R.	ARS	ARS	ARS	ARS	ARS	ARS	ARS	ARS	ARS	ARS
11.	GAIKWAD DHANSHRI U.	DUI	DUI	DUI	DUI	DUI	DUI	DUI	DUI	DUI	DUI
12.	GAVALI MAHESH M.	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh	Ab	Mahesh
13.	GHUMARE TANUJA A.	Ghumare.T.	Ghumare.T.	Ab	Ghumare.T.	Ab	Ghumare.T.	Ghumare.T.	Ab	Ghumare.T.	Ghumare.T.
14.	GORDE SANKET B.	Sanket	Sanket	Sanket	Sanket	Sanket	Ab	Sanket	Sanket	Sanket	Sanket
15.	GORDE RUSHIKESH R.	Gorde	Gorde	Gorde	Gorde	Gorde	Ab	Gorde	Gorde	Gorde	Gorde
16.	GURSAL AKSHATA B.	Gursal/A.	Gursal/A.	Ab	Gursal/A.	Gursal/A.	Ab	Gursal/A.	Gursal/A.	Gursal/A.	Gursal/A.
17.	HIWALE UMASHNKAR G.	Hiwale	Hiwale	Hiwale	Hiwale	Ab	Hiwale	Hiwale	Ab	Hiwale	Ab
18.	HON SHUBHAM VISHNU	Shubham	Shubham	Shubham	Shubham	Ab	Shubham	Shubham	Ab	Shubham	Shubham
19.	JOE NIKITA VIKRAM	Nikita	Nikita	Ab	Nikita	Ab	Nikita	Ab	Nikita	Nikita	Nikita
20.	JADHAV POOJA P.	J.P.P	J.P.P	J.P.P	J.P.P	J.P.P	J.P.P	Ab	J.P.P	Ab	J.P.P

21.	KALE KAJAL SANJAY	Sanjay	K	K	K	K	K	K	K	K	K
22.	KALE RUTUJA RAJARAM	Ab	Rn	Rn	Rn	Rn	Rn	Rn	Ab	Rn	Ab
23.	KATALE AKHIL SUDHIR	Akhil	Akhil	Akhil	Akhil	Akhil	Ab	Akhil	Akhil	Ab	Akhil
24.	KHDANGALE PRAJAKTA P.	PP	PP	PP	Ab	PP	PP	PP	Ab	PP	PP
25.	KOLPE SHRUTI R.	Kolpe	Kolpe	Ab	Kolpe	Kolpe	Kolpe	Kolpe	Kolpe	Ab	Kolpe
26.	MALI PRIYANKA VIJAY	Priya	Priya	Priya	Priya	Ab	Priya	Priya	Priya	Ab	Priya
27.	MALI SHWETA VIJAY	Smali	Smali	Smali	Smali	Smali	Ab	Smali	Smali	Smali	Smali
28.	MORE PRASAD B.	Pu	Ab	Pu	Pu	Ab	Pu	Pu	Pu	Ab	Pu
29.	MORE MAYUR N.	Mon	Mon	Mon	Mon	Ab	Mon	Mon	Mon	Ab	Mon
30.	NARODE SUNIL R.	Sunil	Sunil	Ab	Sunil	Sunil	Sunil	Ab	Sunil	Ab	Sunil
31.	NIKAM NIKITA KAILAS	Nikita	Nikita	Ab	Nikita	Nikita	Nikita	Nikita	Ab	Nikita	Nikita
32.	PANGAVHANE SUMIT R.	PSR	Ab	PSR	PSR	PSR	PSR	PSR	PSR	PSR	PSR
33.	PAYMODE RUTUJA V.	Rn	Rn	Ab	Rn	Rn	Rn	Rn	Rn	Rn	Rn
34.	PAGARE PRANALI S.	Pu	Pu	Ab	Pu	Pu	Pu	Pu	Pu	Pu	Pu
35.	RAHANE RUNAL B.	Rahul	Rahul	Rahul	Rahul	Rahul	Ab	Rahul	Rahul	Rahul	Rahul
36.	RAKTATE BHARTI S.	Bn	Bn	Bn	Bn	Ab	Bn	Bn	Bn	Ab	Bn
37.	SHAIKH TAHIR YASIN	DSY	Ab	DSY	DSY	Ab	DSY	DSY	Ab	DSY	DSY
38.	SHAIKH ALTAB JAKIR	GAU	GAU	Ab	GAU	GAU	GAU	GAU	GAU	GAU	GAU
39.	SHINDE ANJALI PRAVIN	Anjali	Anjali	Ab	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali
40.	SHINDE ATUL RAJENDRA	Atul	Atul	Atul	Atul	Atul	Atul	Atul	Atul	Atul	Ab
41.	SINGAR PRANALI S.	Pranali	Pranali	Pranali	Ab	Pranali	Pranali	Ab	Pranali	Pranali	Ab
42.	SOLE PIYUSHA M.	Piyusha	Piyusha	Piyusha	Piyusha	Piyusha	Piyusha	Piyusha	Ab	Piyusha	Piyusha
43.	SONAWANE RUPALI P.	Rn	Rn	Rn	Rn	Rn	Rn	Ab	Rn	Ab	Rn
44.	TANPURE RAHUL S.	Rahul	Rahul	Rahul	Rahul	Ab	Rahul	Rahul	Ab	Rahul	Rahul
45.	THOMBARE SUJAY B.	Sujay	Sujay	Sujay	Ab	Sujay	Sujay	Sujay	Ab	Sujay	Sujay
46.	TURKANE PRIYANKA D.	Pu	Ab	Pu	Pu	Pu	Pu	Pu	Pu	Pu	Pu
47.	WAKCHUARE SNEHAL B.	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn
48.	WANI AMRUT SUBHASH	Wani	Wani	Wani	Ab	Wani	Wani	Wani	Wani	Ab	Wani
49.	YADAV ABHISHEK S.	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab



Sr. No.	Name of Student	17/8/22	18/8/22	19/8/22	20/8/22	22/8/22	23/8/22	24/8/22	25/8/22	26/8/22	27/8/22
1.	ASHTEKAR SHARAYU D.	Sharayu	Sharayu	Sharayu	ASD	ASD	ASD	ASD	ASD	ASD	ASD
2.	AUTADE PRATIKSHA A.	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha
3.	AWARE RUTUJA R.	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
4.	AWARE SHASHANK S.	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank	Ab	Shashank	Shashank	Shashank
5.	BHAD VAIBHAV SUDAM	Bhadva	Bhadva	Bhadva	Bhadva	Bhadva	Bhadva	Bhadva	Bhadva	Bhadva	Bhadva
6.	BHANGUDE NANDU N.	Nandu	Nandu	Nandu	Nandu	Nandu	Nandu	Nandu	Nandu	Nandu	Nandu
7.	BHUJADE MUKUND A.	Mukund	Mukund	Mukund	Mukund	Mukund	Mukund	Mukund	Mukund	Mukund	Mukund
8.	BHUJADE PALLAVI R.	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
9.	CHAUDHARI SANGITA B.	Sangita	Sangita	Sangita	Sangita	Sangita	Sangita	Sangita	Sangita	Sangita	Sangita
10.	CHAUDHARI ASHWINI R.	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
11.	GAIKWAD DHANSHRI U.	Dhanishri	Dhanishri	Dhanishri	Dhanishri	Dhanishri	Dhanishri	Dhanishri	Dhanishri	Dhanishri	Dhanishri
12.	GAVALI MAHESH M.	Mahesh	Ab	Mahesh	Mahesh	Mahesh	Ab	Mahesh	Ab	Mahesh	Mahesh
13.	GHUMARE TANUJA A.	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Ab	Tanuja	Tanuja	Tanuja	Tanuja
14.	GORDE SANKET B.	Sanket	Sanket	Sanket	Sanket	Ab	Sanket	Ab	Sanket	Sanket	Sanket
15.	GORDE RUSHIKESH R.	Rushikesh	Ab	Rushikesh	Ab	Ab	Rushikesh	Rushikesh	Rushikesh	Rushikesh	Rushikesh
16.	GURSAL AKSHATA B.	Akshata	Akshata	Ab	Akshata	Akshata	Ab	Akshata	Akshata	Akshata	Akshata
17.	HIWALE UMASHNKAR G.	Umashnkar	Ab	Umashnkar	Umashnkar	Umashnkar	Umashnkar	Umashnkar	Ab	Umashnkar	Umashnkar
18.	HON SHUBHAM VISHNU	Shubham	Shubham	Shubham	Shubham	Ab	Shubham	Shubham	Ab	Shubham	Shubham
19.	JORE NIKITA VIKRAM	Nikita	Nikita	Ab	Nikita	Ab	Nikita	Ab	Nikita	Nikita	Nikita
20.	JADHAV POOJA P.	Pooja	Pooja	Pooja	Ab	Pooja	Ab	Pooja	Pooja	Ab	Pooja

21.	KALE KAJAL SANJAY	Km	Km	Km	Km	Km	Km	Km	Km	Km	Km
22.	KALE RUTUJA RAJARAM	Rm	Rm	Rm	Rm	Rm	Ab	Rm	Ab	Rm	Ab
23.	KATALE AKHIL SUDHIR	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil
24.	KHDANGALE PRAJAKTA P.	OP	OP	Ab	OP	OP	Ab	OP	OP	OP	OP
25.	KOLPE SHRUTI R.	Kolpe	Kolpe	Kolpe	Ab	Kolpe	Ab	Kolpe	Kolpe	Ab	Kolpe
26.	MALI PRIYANKA VIJAY	Priya	Priya	Priya	Priya	Priya	Ab	Priya	Ab	Priya	Priya
27.	MALI SHWETA VIJAY	Smali	Smali	Smali	Smali	Ab	Smali	Smali	Smali	Smali	Smali
28.	MORE PRASAD B.	Rue	Rue	Rue	Rue	Ab	Rue	Ab	Rue	Rue	Rue
29.	MORE MAYUR N.	More	More	More	More	More	More	More	More	Ab	More
30.	NARODE SUNIL R.	Sunil	Sunil	Ab	Sunil	Sunil	Ab	Sunil	Sunil	Sunil	Sunil
31.	NIKAM NIKITA KAILAS	Nikita	Nikita	Nikita	Ab	Nikita	Ab	Nikita	Nikita	Nikita	Nikita
32.	PANGAVHANE SUMIT R.	PSR	PSR	PSR	PSR	PSR	Ab	PSR	PSR	PSR	PSR
33.	PAYMODE RUTUJA V.	Rm	Rm	Rm	Rm	Ab	Rm	Rm	Rm	Ab	Rm
34.	PAGARE PRANALI S.	Rue	Rue	Rue	Rue	Ab	Rue	Rue	Rue	Rue	Rue
35.	RAHANE RUNAL B.	Ab	Rahul	Rahul	Ab	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
36.	RAKTATE BHARTI S.	Rm	Rm	Rm	Rm	Rm	Ab	Rm	Ab	Rm	Rm
37.	SHAIKH TAHIR YASIN	DSY	DSY	Ab	DSY	DSY	Ab	DSY	DSY	Ab	DSY
38.	SHAIKH ALTAB JAKIR	SAU	SAU	SAU	SAU	SAU	Ab	SAU	SAU	SAU	SAU
39.	SHINDE ANJALI PRAVIN	Anjali	Anjali	Anjali	Ab	Anjali	Anjali	Anjali	Anjali	Ab	Anjali
40.	SHINDE ATUL RAJENDRA	Atul	Atul	Atul	Atul	Atul	Atul	Atul	Atul	Atul	Atul
41.	SINGAR PRANALI S.	Pranali	Ab	Pranali	Pranali	Pranali	Pranali	Pranali	Ab	Pranali	Ab
42.	SOLE PIYUSHA M.	Piyusha	Piyusha	Piyusha	Piyusha	Piyusha	Ab	Piyusha	Piyusha	Ab	Piyusha
43.	SONAWANE RUPALI P.	Rm	Rm	Rm	Rm	Rm	Rm	Rm	Rm	Ab	Rm
44.	TANPURE RAHUL S.	Rahul	Rahul	Rahul	Ab	Rahul	Rahul	Rahul	Rahul	Rahul	Ab
45.	THOMBARE SUJAY B.	Sujay	Sujay	Sujay	Ab	Sujay	Sujay	Sujay	Ab	Sujay	Sujay
46.	TURKANE PRIYANKA D.	Tus	Tus	Tus	Tus	Tus	Ab	Tus	Tus	Tus	Tus
47.	WAKCHUARE SNEHAL B.	Rm	Rm	Rm	Rm	Rm	Rm	Rm	Rm	Rm	Rm
48.	WANI AMRUT SUBHASH	Wani	Wani	Wani	Ab	Wani	Wani	Wani	Wani	Wani	Wani
49.	YADAV ABHISHEK S.	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab



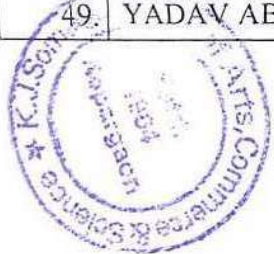


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K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon
 Department of Chemistry and Research Centre
 Certificate Course on
Industrial Inplant Training Programme
 Academic Year: 2022-2023
Attendance Sheet



Sr. No.	Name of Student	29/8/22	30/8/22	1/9/22	2/9/22	3/9/22	5/9/22	6/9/22	7/9/22	8/9/22	10/9/22
1.	ASHTEKAR SHARAYU D.	ASHT	ASHT	ASHT	ASHT	ASHT	ASHT	ASHT	ASHT	ASHT	ASHT
2.	AUTADE PRATIKSHA A.	PRAT	PRAT	PRAT	PRAT	PRAT	PRAT	PRAT	PRAT	PRAT	PRAT
3.	AWARE RUTUJA R.	RAR	RAR	RAR	RAR	RAR	RAR	RAR	RAR	RAR	RAR
4.	AWARE SHASHANK S.	SHAS	SHAS	SHAS	SHAS	SHAS	SHAS	SHAS	SHAS	SHAS	SHAS
5.	BHAD VAIBHAV SUDAM	BHAD	BHAD	BHAD	BHAD	BHAD	BHAD	BHAD	BHAD	BHAD	BHAD
6.	BHANGUDE NANDU N.	BANGU	BANGU	BANGU	BANGU	BANGU	BANGU	BANGU	BANGU	BANGU	BANGU
7.	BHUJADE MUKUND A.	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ
8.	BHUJADE PALLAVI R.	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ	BHUJ
9.	CHAUDHARI SANGITA B.	CHAU	CHAU	CHAU	CHAU	CHAU	CHAU	CHAU	CHAU	CHAU	CHAU
10.	CHAUDHARI ASHWINI R.	ASHW	ASHW	ASHW	ASHW	ASHW	ASHW	ASHW	ASHW	ASHW	ASHW
11.	GAIKWAD DHANSHRI U.	GAIK	GAIK	GAIK	GAIK	GAIK	GAIK	GAIK	GAIK	GAIK	GAIK
12.	GAVALI MAHESH M.	MAHES	MAHES	MAHES	MAHES	MAHES	MAHES	MAHES	MAHES	MAHES	MAHES
13.	GHUMARE TANUJA A.	GHUM	GHUM	GHUM	GHUM	GHUM	GHUM	GHUM	GHUM	GHUM	GHUM
14.	GORDE SANKET B.	SANK	SANK	SANK	SANK	SANK	Ab	SANK	SANK	SANK	SANK
15.	GORDE RUSHIKESH R.	GORDE	GORDE	GORDE	GORDE	GORDE	Ab	GORDE	GORDE	GORDE	GORDE
16.	GURSAL AKSHATA B.	GURS	GURS	Ab	GURS	GURS	Ab	GURS	GURS	GURS	GURS
17.	HIWALE UMASHNKAR G.	HIWAL	HIWAL	Ab	HIWAL	Ab	HIWAL	HIWAL	HIWAL	HIWAL	HIWAL
18.	HON SHUBHAM VISHNU	SHUBH	SHUBH	SHUBH	Ab	SHUBH	Ab	SHUBH	SHUBH	SHUBH	SHUBH
19.	JOE NIKITA VIKRAM	NIKITA	NIKITA	NIKITA	Ab	NIKITA	Ab	NIKITA	Ab	NIKITA	NIKITA
20.	JADHAV POOJA P.	J.P.P	J.P.P	J.P.P	Ab	J.P.P	J.P.P	J.P.P	Ab	J.P.P	J.P.P

21.	KALE KAJAL SANJAY	<u>Km</u>	<u>Km</u>	<u>Km</u>	<u>Km</u>	<u>Km</u>	<u>Km</u>	<u>Km</u>	<u>Km</u>	<u>Km</u>	<u>Km</u>
22.	KALE RUTUJA RAJARAM	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>	<u>Rm</u>
23.	KATALE AKHIL SUDHIR	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>
24.	KHDANGALE PRAJTA P.	<u>PP</u>	<u>PP</u>	<u>Ab</u>	<u>PP</u>	<u>PP</u>	<u>PP</u>	<u>PP</u>	<u>Ab</u>	<u>PP</u>	<u>PP</u>
25.	KOLPE SHRUTI R.	<u>Kolpe</u>	<u>Kolpe</u>	<u>Kolpe</u>	<u>Kolpe</u>	<u>Kolpe</u>	<u>Ab</u>	<u>Kolpe</u>	<u>Kolpe</u>	<u>Ab</u>	<u>Kolpe</u>
26.	MALI PRIYANKA VIJAY	<u>Priya</u>	<u>Ab</u>	<u>Priya</u>	<u>Priya</u>	<u>Priya</u>	<u>Priya</u>	<u>Priya</u>	<u>Ab</u>	<u>Priya</u>	<u>Priya</u>
27.	MALI SHWETA VIJAY	<u>Smali</u>	<u>Smali</u>	<u>Ab</u>	<u>Smali</u>	<u>Smali</u>	<u>Smali</u>	<u>Smali</u>	<u>Smali</u>	<u>Smali</u>	<u>Smali</u>
28.	MORE PRASAD B.	<u>Pu</u>	<u>Pu</u>	<u>Pu</u>	<u>Pu</u>	<u>Ab</u>	<u>Pu</u>	<u>Pu</u>	<u>Pu</u>	<u>Ab</u>	<u>Pu</u>
29.	MORE MAYUR N.	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>
30.	NARODE SUNIL R.	<u>Sunil</u>	<u>Sunil</u>	<u>Ab</u>	<u>Sunil</u>	<u>Sunil</u>	<u>Sunil</u>	<u>Ab</u>	<u>Sunil</u>	<u>Sunil</u>	<u>Sunil</u>
31.	NIKAM NIKITA KAILAS	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Ab</u>	<u>Nikita</u>
32.	PANGAVHANE SUMIT R.	<u>PSR</u>	<u>PSR</u>	<u>Ab</u>	<u>PSR</u>	<u>PSR</u>	<u>PSR</u>	<u>PSR</u>	<u>PSR</u>	<u>PSR</u>	<u>PSR</u>
33.	PAYMODE RUTUJA V.	<u>Ru</u>	<u>Ru</u>	<u>Ab</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ab</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>
34.	PAGARE PRANALI S.	<u>Pu</u>	<u>Pu</u>	<u>Ab</u>	<u>Pu</u>	<u>Pu</u>	<u>Pu</u>	<u>Ab</u>	<u>Pu</u>	<u>Pu</u>	<u>Pu</u>
35.	RAHANE RUNAL B.	<u>Rahul</u>	<u>Rahul</u>	<u>Ab</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Ab</u>	<u>Rahul</u>	<u>Rahul</u>
36.	RAKTATE BHARTI S.	<u>Bs</u>	<u>Bs</u>	<u>Ab</u>	<u>Bs</u>	<u>Bs</u>	<u>Bs</u>	<u>Bs</u>	<u>Bs</u>	<u>Bs</u>	<u>Bs</u>
37.	SHAIKH TAHIR YASIN	<u>Dsy</u>	<u>Dsy</u>	<u>Ab</u>	<u>Dsy</u>	<u>Dsy</u>	<u>Dsy</u>	<u>Ab</u>	<u>Dsy</u>	<u>Dsy</u>	<u>Dsy</u>
38.	SHAIKH ALTAB JAKIR	<u>GAU</u>	<u>GAU</u>	<u>GAU</u>	<u>GAU</u>	<u>GAU</u>	<u>Ab</u>	<u>GAU</u>	<u>GAU</u>	<u>Ab</u>	<u>GAU</u>
39.	SHINDE ANJALI PRAVIN	<u>Anjali</u>	<u>Anjali</u>	<u>Ab</u>	<u>Anjali</u>	<u>Anjali</u>	<u>Anjali</u>	<u>Anjali</u>	<u>Anjali</u>	<u>Anjali</u>	<u>Anjali</u>
40.	SHINDE ATUL RAJENDRA	<u>Atul</u>	<u>Atul</u>	<u>Atul</u>	<u>Atul</u>	<u>Atul</u>	<u>Ab</u>	<u>Atul</u>	<u>Atul</u>	<u>Atul</u>	<u>Atul</u>
41.	SINGAR PRANALI S.	<u>Pranali</u>	<u>Pranali</u>	<u>Ab</u>	<u>Pranali</u>	<u>Pranali</u>	<u>Pranali</u>	<u>Pranali</u>	<u>Ab</u>	<u>Pranali</u>	<u>Pranali</u>
42.	SOLE PIYUSHA M.	<u>Piyusha</u>	<u>Piyusha</u>	<u>Piyusha</u>	<u>Piyusha</u>	<u>Piyusha</u>	<u>Ab</u>	<u>Piyusha</u>	<u>Ab</u>	<u>Piyusha</u>	<u>Piyusha</u>
43.	SONAWANE RUPALI P.	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>	<u>Ru</u>
44.	TANPURE RAHUL S.	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Ab</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Ab</u>	<u>Rahul</u>
45.	THOMBARE SUJAY B.	<u>Sujay</u>	<u>Sujay</u>	<u>Ab</u>	<u>Sujay</u>	<u>Sujay</u>	<u>Ab</u>	<u>Sujay</u>	<u>Sujay</u>	<u>Sujay</u>	<u>Ab</u>
46.	TURKANE PRIYANKA D.	<u>Pu</u>	<u>Pu</u>	<u>Ab</u>	<u>Pu</u>	<u>Pu</u>	<u>Ab</u>	<u>Pu</u>	<u>Pu</u>	<u>Pu</u>	<u>Pu</u>
47.	WAKCHUARE SNEHAL B.	<u>Su</u>	<u>Su</u>	<u>Su</u>	<u>Su</u>	<u>Su</u>	<u>Su</u>	<u>Su</u>	<u>Su</u>	<u>Su</u>	<u>Su</u>
48.	WANI AMRUT SUBHASH	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>
49.	YADAV ABHISHEK S.	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>	<u>Yadav</u>





Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme

Academic Year: 2022-2023

[Marks: 40]

[Time: 2 hours]

Q.1 Choose the correct alternative for the following:

(25 M)

1. **Flammable materials, like alcohol, should never be dispensed or used near**
 - A. An open door.
 - B. An open flame.
 - C. Another student.
 - D. A sink.
2. **If a laboratory firer ups, immediately**
 - A. Notify our instructor.
 - B. Run for the fire extinguisher.
 - C. Throw water on the fire.
 - D. Open the windows.
3. **Approved eye protection devices (such as goggles) are worn in the laboratory**
 - A. To avoid eyestrain.
 - B. To improve your vision.
 - C. Only if you don't have corrective glasses.
 - D. Any time chemicals, heat or glassware are used.
4. **If you wear contact lenses in the Collaborator,**
 - A. Take the moot before starting the lab.
 - B. You do not have to wear protective goggles.
 - C. Advise your science instructor that you wear contact lenses.
 - D. Keep the information to yourself.
5. **If you do not understand a direction or part of a lab procedure, you should**
 - A. Figure it out as you do the lab.
 - B. Try several methods until something works.
 - C. Ask the instructor before proceeding.
 - D. Skip it and go on to the next part.
6. **After completing an experiment, all chemical wastes should be**
 - A. Left at your lab station for the next class.
 - B. Disposed of according to your instructor's directions.
 - C. Dumped in the sink.



- D. Taken home.
7. **If a lab experiment is not completed, you should**
- A. Discuss the issue with your instructor.
 - B. Sneak in after school and work alone.
 - C. Come in during lunch and finish while eating lunch.
 - D. Make up some results.
8. **You are heating a substance in a test tube. Always point the open end of the tube**
- A. Toward yourself.
 - B. Toward your lab partner.
 - C. Toward another classmate.
 - D. Away from all people.
9. **You are heating a piece of glass and now want to pick it up. You should**
- A. Use a rag or paper towels.
 - B. Pick up the end that looks cooler.
 - C. Use tongs.
 - D. Pour cold water on it.
10. **You have been injured in the laboratory (cut, burn, etc.). First you should**
- A. Visit the school nurse after class.
 - B. See a doctor after school.
 - C. Tell the science instructor at once.
 - D. Apply first aid yourself.
11. **When gathering glassware and equipment for an experiment, you should**
- A. Read all directions carefully to know what equipment is necessary.
 - B. Examine all glassware to check for chips or cracks.
 - C. Clean any glassware that appears dirty.
 - D. All of the above.
12. **You want to place a piece of glass tubing into a rubber stopper after the tubing has been fire polished and cooled. This is best done by**
- A. Lubricating the tubing with water or glycerin.
 - B. Using a towel or cotton gloves for protection.
 - C. Twisting the tubing and stopper carefully.
 - D. All of the above.
13. **Personal eye glasses provide as much protection as**
- A. A face shields.
 - B. Safety glasses.
 - C. Splash proof chemical goggles.
 - D. None of the above.



14. Long hair in the laboratory must be
- A. Cut short.
 - B. Held away from the experiment with one hand.
 - C. Always neatly groomed.
 - D. Tied back or kept entirely out of the way with a hair band, hairpins, or other confining device.
15. In a laboratory, the following should not be worn.
- A. Loose clothing.
 - B. Dangling jewelry.
 - C. Sandals.
 - D. All of the above.
16. The following foot wear is best in the laboratory.
- A. sandals
 - B. open-toed shoes
 - C. closed-toed shoes
 - D. shoes appropriate for the weather
17. Retention time is characteristic property of -----.
- A. stationary phase
 - B. mobile phase
 - C. carrier gas
 - D. sample components
18. If a piece of equipment is not working properly, stop, turn it off, and tell
- A. The custodian.
 - B. Your lab partners.
 - C. Your best friend in the class.
 - D. The science instructor.
19. If an acid is splashed on your skin, wash at once with
- A. Soap.
 - B. Oil.
 - C. Weak base.
 - D. Plenty of water.
20. When you finish working with chemicals, biological specimens, and other lab substances, always
- A. Treat your hands with skin lotion.
 - B. Wash your hands thoroughly with soap and water.
 - C. Wipe your hands on a towel.
 - D. Wipe your hands on your clothes.
21. What must you do before you are allowed to enter the laboratory?



- A) Skim over the procedure.
 - B) Practice using the equipment on the front counter.
 - C) Thoroughly read the procedure and complete the pre-lab assignment.
 - D) Say the magic password.
22. Which of the following will not be permitted in the laboratory?
- A) Long, loose hair
 - B) dangling jewelry
 - C) baggy clothing
 - D) sandals
 - E) None of the above will be permitted in the laboratory.
23. If your lab partner and you do not understand a direction or part of a procedure,
- A) Experiment so you do not look foolish.
 - B) skip that part of the procedure.
 - C) ask the instructor before proceeding.
 - D) copy another lab group's data.
24. How long should you rinse your eyes if you splash a chemical into them?
- A) At least 20 minutes
 - B) 30 seconds
 - C) At least 5 minutes
 - D) About 10 minutes
25. What should you do in case of a fire drill in lab?
- A) Run to the safety shower and drench yourself with water.
 - B) Climb into the fume hood and turn on the fan.
 - C) Carry as many chemicals out of the building as possible.
 - D) Close all chemical containers and gas valves and turn off electrical equipment before exiting the room.

Q.2 State true or false:

(15 M)

- 1. Hot glass looks the same as cold glass.
- 2. All chemicals in the lab are to be considered dangerous
- 3. Return all unused chemicals to their original containers
- 4. Work areas should be kept clean and tidy
- 5. Pipettes are used to measure and dispense small amounts of liquids.

☐☐☐☐☐



6. You should draw the liquid into the pipette using your mouth. ☐
7. Laboratory work can be started immediately upon entering the laboratory even if the instructor is not yet present. ☐
8. Never remove chemicals or other equipment from the laboratory ☐
9. Add water to acid. ☐
10. Read all procedures thoroughly before entering the laboratory ☐
11. All unauthorized experiments are prohibited ☐
12. You are allowed to enter the chemical preparation/storage area anytime you need to get an item. ☐
13. Laboratory aprons should be worn during all lab activities ☐
14. It's okay to pickup broken glass with your bare hands as long as the glass is placed in the trash. ☐
15. Never leave a lit burner unattended ☐



Kopargaoon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon
Industrial Inplant Training Programme
Students MarkList
YEAR - 2022-23



Sr. No.	Name of Student	Internal (Out of 40)	Oral (Out of 10)	Total (Out of 50)
1.	ASHTEKAR SHARAYU DATTATRYA	28	7	35
2.	AUTADE PRATIKSHA ABASAHEB	29	6	35
3.	AWARE RUTUJA RAJENDRA	24	5	29
4.	AWARE SHASHANK SURESH	34	6	40
5.	BHAD VAIBHAV SUDAM	31	5	36
6.	BHANGUDE NANDU NARAYAN	30	8	38
7.	BHUJADE MUKUND ARUN	31	6	37
8.	BHUJADE PALLAVI RAJENDRA	30	7	37
9.	CHAUDHARI SANGITA BALASAHEB	30	8	38
10.	CHAUDHARI ASHWINI RAJENDRA	31	6	37
11.	GAIKWAD DHANSHRI ULLHAS	32	6	38
12.	GAVALI MAHESH MADHAV	30	8	38
13.	GHUMARE TANUJA ANNASAHE	32	8	40
14.	GORDE SANKET BADSHAH	29	8	37
15.	GORDE RUSHIKESH RAJENDRA	26	5	31
16.	GURSAL AKSHATA BALASAHEB	29	8	37
17.	HIWALE UMASHANKAR GIRJINATH	29	7	36
18.	HON SHUBHAM VISHNU	26	7	33
19.	JORE NIKITA VIKRAM	30	8	38
20.	JADHAV POOJA PRALHAD	31	6	37
21.	KALE KAJAL SANJAY	32	6	38
22.	KALE RUTUJA RAJARAM	27	6	33
23.	KATALE AKHIL SUDHIR	31	5	36
24.	KHADANGALEPRAJAKTA PANDURANG	30	6	36

25.	KOLPE SHRUTI RAJENDRA	28	6	34
26.	MALI PRIYANKA VIJAY	26	5	31
27.	MALI SHWETA VIJAY	29	8	37
28.	MORE PRASAD BALASAHEB	32	6	39
29.	MORE MAYUR NANASAHEB	26	7	33
30.	NARODE SUNIL RAJENDRA	28	7	35
31.	NIKAM NIKITA KAILAS	29	6	35
32.	PANGAVHANE SUMIT RAOSAHEB	24	5	29
33.	PAYMODE RUTUJA VILAS	34	8	42
34.	PAGARE PRANALI SANJAY	31	5	36
35.	RAHANE RUNAL BALASAHEB	30	8	38
36.	RAKTATE BHARTI SANJAY	31	6	37
37.	SHAIKH TAHIR YASIN	28	7	35
38.	SHAIKH ALTAB JAKIR	29	6	35
39.	SHINDE ANJALI PRAVIN	24	5	29
40.	SHINDE ATUL RAJENDRA	34	5	39
41.	SINGAR PRANALI SANJAY	31	5	36
42.	SOLE PIYUSHA MANOHAR	30	8	38
43.	SONAWANE RUPALI PRAKASH	31	6	37
44.	TANPURE RAHUL SARANGDHAR	32	6	38
45.	THOMBARE SUJAY BALASAHEB	30	8	38
46.	TURKANE PRIYANKA DADASAHEB	29	8	37
47.	WAKCHUARE SNEHAL BHAUSAHEB	29	8	37
48.	WANI AMRUT SUBHASH	32	8	40
49.	YADAV ABHISHEK SUBHASH	26	7	33


 Dr. Salish B. Kale
 Head
 Department of Chemistry
 K. J. Somaiya College, Kopergaon




 Principal
 K. J. Somaiya College of Arts,
 Commerce & Science, Kopergaon



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Activity Report 2022-23

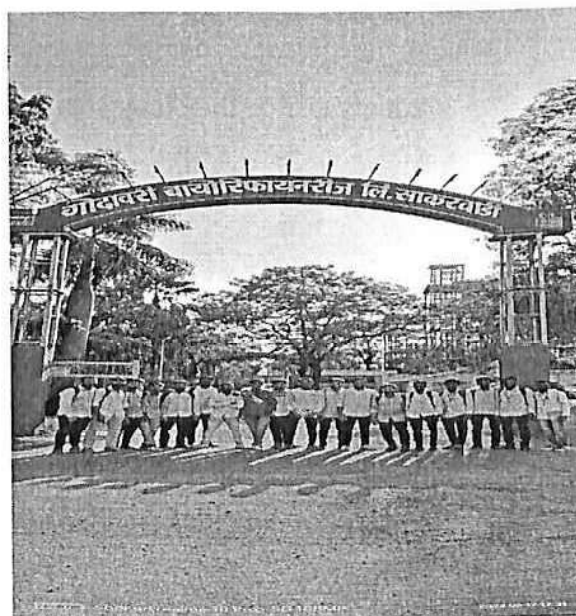
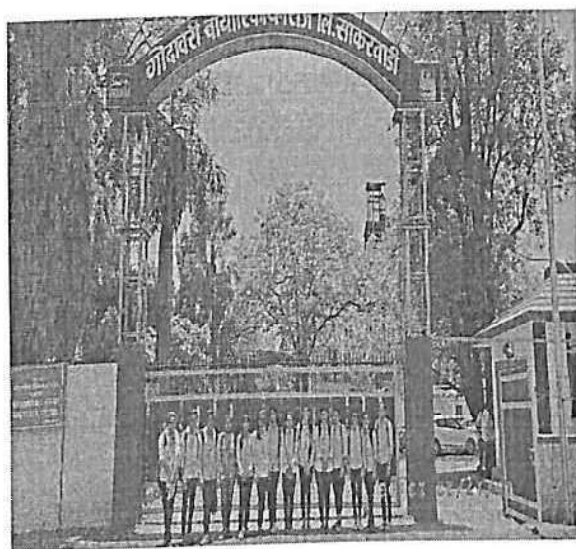


- K. J. Somaiya College of Art's, Commerce & Science, Kopergaon conducts different activities for the educational growth of students.
- The Chemistry department of the college have a collaboration with Godavari Biorefineries Limited Sakarawadi since 2015. Through this collaboration department every year organize the 'Industrial In-plant Training Programme' at Godavari Biorefineries Limited Sakarawadi for the PG students of chemistry department.
- For the academic year 2022-23 the training programme was carried out from 15/05/2023 to 17/05/2023.
- This training programme was successfully completed by forty-nine students; twenty-eight were girls and twenty-one were boys.
- In this training programme the students were visited the different units of the Godavari Biorefineries Plant at Sakarwadi.
- On the first day of programme the GM of the plant welcomes all the participated students. After that they delivered an introductory lecture on personal safety in the plant, overview of different units of the plants to the students.
- After the introductory lecture the students were divided into different groups with one instructor of the plant.
- In this programme the students get the actual knowledge of production of different chemicals, their purification, storage and transport methods.
- The students visited the R & D lab of the plant and know the actual working method in this plant, like how to start a reaction and how to monitor it.
- The students also visited the ETP plant (Effluent Treatment Plant) and saw the actual process involve in it.


Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College of Arts, Commerce & Science, Kopergaon


Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopergaon

- In the visit to the purification of chemical department the students get the knowledge about HPLC (High Performance Liquid Chromatography), GC (Gas Chromatography), etc.
- The overall programme was definitely very crucial for the students from their carrier point of view.



Participated Students in In-Plant Training Programme

Godavari Biorefineries Ltd

Ref: GBL/SAK/ 55

Date: 24.09.2022

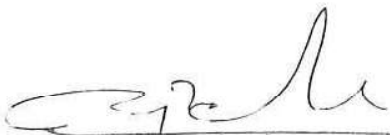
To whomsoever it May Concern

This is to certify that Mr. Dhiraj Somnath Gadekar., M.Sc-II (Organic Chemistry), year 2022 student of K. J. Somaiya College of Arts, Commerce & Science ,Kopargaon. He completed In-Plant training successfully for the period 26.05.2022 to 04.06.2022 in our organization.

This certificate is being issued towards completion of In-Plant Training.

We wish his every success in his life and career.

For Godavari Biorefineries Ltd.



(B.M. Palve)
DGM-HR/Administration



(S.U. Godage)
Director (Works)

DEPARTMENT OF CHEMISTRY
INDUSTRIAL INPLANT TRAINING PROGRAMME

Kopergaon Taluka Education Society's
K. J. Somaiya College of Art's, Commerce & Science, Kopergaon



Academic Year
2021-22

Activity Report
Course Code- CC.015
Title- "Certificate Course in
Industrial Inplant Training Programme"

Department of Chemistry and Research Center
K. J. Somaiya College of Art's, Commerce & Science Kopergaon
Tal-Kopergaon-Dist-Ahmednagar 423601



Kopergaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopergaon

Academic Year: 2021-2022

Notice

Date: 03/09/2021

All the willing students of M.Sc.-II (Organic Chemistry) hereby informed that the admission to departmental certificate course-Industrial Inplant Training Programme will be commence from 06/09/2021.


HOD
(Dr. S. B. Kale)




Principal
(Dr. B. S. Yadav)
**K.J.Somaiya College of Arts
Commerce & Science, Kopergaon.**

Letter to IQAC for seeking permission for the Industrial Inplant Training Programme

Date: 13/09/2021

To,

The Coordinator,
IQAC,
K. J. Somaiya College, Kopergaon



Subject: Regarding the Permission for start Industrial Inplant Training Programme in the Department.

Respected Sir,

The Department of **Chemistry** desires to start/organized a Remedial Classes as **Departmental Activity** in Chemistry for developing the awareness to different laboratory safety parameters, various purification techniques, green chemistry aspect, bulk chemical handling, actual industrial processing.

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	21/09/2021, 11.00 am
Venue	Department of Chemistry

The said course / seminar/ conference/ webinar/ activity will be of 30 contact hours and no fees for the course. Kindly give the permission and thank you and look forward for kind cooperation.

Yours sincerely,


Head
Dr. S. B. Kale
Department of Chemistry
K. J. Somaiya College, Kopergaon

Permission Letter from IQAC for Organizing Industrial Inplant Training Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopargaon

To,
Head,
Department of Chemistry,
K. J. Somaiya College, Kopargaon



Subject: Permission for organizing Industrial Inplant Training Programme in the Department of Chemistry.

Dear Sir,

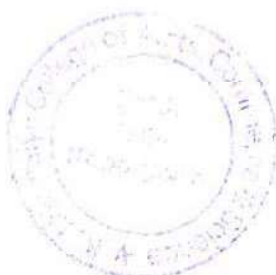
As per your letter Dated **13/09/2021** IQAC grants the permission for following activity:

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	21/09/2021
Venue	Department of Chemistry

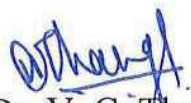
You are requested to complete the documentation and submit it to IQAC after end of the programme within five working days.

Wish you all the best for programme.

Thank you.



Yours Sincerely,


(Dr. V. C. Thange)

Co ordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Industrial Inplant Training Programme
Enrolled Students List
YEAR - 2021-22



Sr. No.	Name of Student
1.	RAJPUT SAKSHI RAJUSING
2.	PARDESHI VRUSHALI VIJAYSINGH
3.	KALE RUTUJA NANASAHEB
4.	HON PRIYA VISHNU
5.	NAWALE BHAGYASHRI SAHEBRAO
6.	SONAWANE SWATI MADHAV
7.	NIKAM RAKHI RAJENDRA
8.	PAWAR PRAJAKTA VIKRAM
9.	JEJURKAR MOHINI VILAS
10.	AWARE ASHWINI SANJAY
11.	PACHORE PRIYANKA SHARAD
12.	PACHORE MONIKA BALASAHEB
13.	PACHORE RUTUJA BAJIRAO
14.	ATTAR SANA NISAR
15.	PAGIRE PRIYANKA APPASAHEB
16.	CHANDE SARALA TUKARAM
17.	WAGH NIKITA SUNIL
18.	DAVANGE KRUSHNA GANGADHAR
19.	WAGH MAYUR SAMBHAJI
20.	CHAVAN DEEPAK RAMKRUSHNA



21.	USHIR RAHUL AMBADAS
22.	GAIKWAD TEJAS BHAUSAHEB
23.	TEKE MACHHINDRA BHAUSAHEB
24.	KUDANAR NAMDEO SHIVAJI
25.	TEKE RAMESHWAR GAJANAN
26.	CHAVAN AKASH MADAN
27.	INAMDAR KUTBUDDIN ABDUL
28.	KOLHE MUKUND TANAJI
29.	VARPE BABLU KAILAS
30.	GADEKAR DHIRAJ SOMNATH
31.	PATEL PUSHKAR ANISH
32.	BHUJBAL RAKESH VIJAY
33.	GAWARE VIJAY DIPAK
34.	KSHIRSAGAR VISHAL VIJAY
35.	KAVADEDHANANJAY C.
36.	KADAM SACHIN DAULATRAO


Dr. Satish B. Kulkarni
Head
Department of Chemistry
K. J. Somaiya College, Kopergaon

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopergaon



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Department of Chemistry and Research Centre

Certificate Course on
Industrial Inplant Training Programme
Academic Year: 2021-2022

Attendance Sheet



Sr. No.	Name of Student	4/10/21	5/10/21	6/10/21	7/10/21	8/10/21	9/10/21	11/10/21	12/10/21	13/10/21	14/10/21
1.	RAJPUT SAKSHI R.	Rajput.s	Rajput.s	Rajput.s	Ab	Rajput.s	Rajput.s	Rajput.s	Rajput.s	Rajput.s	Ab
2.	PARDESHI VRUSHALI V.	p.vrushali.v.	Ab	p.vrushali.v.	p.vrushali.v.	p.vrushali.v.	Ab	p.vrushali.v.	p.vrushali.v.	p.vrushali.v.	Ab
3.	KALE RUTUJA N.	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Ab
4.	HON PRIYA VISHNU	Priya	Ab	Priya	Priya	Ab	Priya	Priya	Priya	Priya	Ab
5.	NAWALE BHAGYASHRI S.	NBS	NBS	Ab	NBS	NBS	NBS	NBS	NBS	NBS	NBS
6.	SONAWANE SWATI M.	Swati	Swati	Swati	Swati	Swati	Swati	Ab	Swati	Swati	Swati
7.	NIKAM RAKHI R.	Nraksi	Ab	Nraksi	Nraksi	Nraksi	Ab	Nraksi	Nraksi	Nraksi	Nraksi
8.	PAWAR PRAJAKTA V.	Pra	Pra	Pra	Pra	Pra	Pra	Ab	Pra	Pra	Pra
9.	JEJURKAR MOHINI V.	Mohini	Mohini	Ab	Mohini	Ab	Mohini	Ab	Mohini	Mohini	Mohini
10.	AWARE ASHWINI S.	AworeAS	AworeAS	Ab	AworeAS	AworeAS	AworeAS	AworeAS	AworeAS	AworeAS	Ab
11.	PACHORE PRIYANKA S.	priyank.s.p	priyank.s.p	priyank.s.p	Ab	priyank.s.p	priyank.s.p	Ab	priyank.s.p	priyank.s.p	priyank.s.p
12.	PACHORE MONIKA B.	Monika	Ab	Monika	Monika	Ab	Monika	Monika	Ab	Monika	Monika
13.	PACHORE RUTUJA B.	Rutuja	Ab	Rutuja	Rutuja	Ab	Rutuja	Rutuja	Ab	Rutuja	Rutuja
14.	ATTAR SANA NISAR	Attar	Attar	Attar	Attar	Attar	Attar	Ab	Attar	Attar	Attar
15.	PAGIRE PRIYANKA A.	Pagirep.	Pagirep.	Ab	Pagirep.	Pagirep.	Ab	Pagirep.	Pagirep.	Pagirep.	Pagirep.

16.	CHANDE SARALA T.	chandest	cha..nest	chandest	Ab	chandest	chandest	chandest	chandest	chandest	Ab
17.	WAGH NIKITA SUNIL	Wagh	Wagh	Wagh	Wagh	Wagh	Ab	Wagh	Wagh	Wagh	Wagh
18.	DAVANGE KRUSHNA G.	Dhoush	Ab	Dhoush	Ab	Dhoush	Ab	Ab	Ab	Ab	Ab
19.	WAGH MAYUR S.	Wagh M.S	Wagh MS	Wagh MS	Wagh MS	Ab	Wagh MS	Wagh MS	Wagh MS	Wagh MS	Wagh MS
20.	CHAVAN DEEPAK R.	Ab	chavande	chavande	chavande	chavande	Ab	chavande	chavande	chavande	chavande
21.	USHIR RAHUL A.	Rahul	Rahul	Ab	Rahul	Rahul	Rahul	Rahul	Ab	Rahul	Rahul
22.	GAIKWAD TEJAS B.	Tejas	Ab	Tejas	Tejas	Ab	Tejas	Ab	Ab	Ab	Ab
23.	TEKE MACHHINDRA B.	Teke	Teke	Teke	Teke	Teke	Ab	Teke	Teke	Teke	Teke
24.	KUDANAR NAMDEO S.	Kudnar	Kudnar	Kudnar	Ab	Kudnar	Kudnar	Kudnar	Ab	Kudnar	Kudnar
25.	TEKE RAMESHWAR G.	Teke	Teke	Teke	Teke	Teke	Ab	Teke	Teke	Teke	Teke
26.	CHAVAN AKASH M.	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Ab
27.	INAMDAR KUTBUDDIN A.	ILKA	ILKA	Ab	ILKA	ILKA	Ab	ILKA	ILKA	Ab	Ab
28.	KOLHE MUKUND T.	Kolhe	Kolhe	Kolhe	Kolhe	Kolhe	Kolhe	Kolhe	Kolhe	Kolhe	Kolhe
29.	VARPE BABLU KAILAS	Bablu	Bablu	Bablu	Ab	Bablu	Bablu	Bablu	Bablu	Bablu	Bablu
30.	GADEKAR DHIRAJ S.	Dhiraj	Ab	Dhiraj	Dhiraj	Dhiraj	Ab	Dhiraj	Dhiraj	Ab	Dhiraj
31.	PATEL PUSHKAR A.	Patel P.A.	Patel P.A.	Patel P.A.	Ab	Patel P.A.	Patel P.A.	Ab	Patel P.A.	Ab	Patel P.A.
32.	BHUIBAL RAKESH V.	Ab	Rakesh	Rakesh	Rakesh	Ab	Rakesh	Ab	Rakesh	Rakesh	Rakesh
33.	GAWARE VIJAY DIPAK	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware
34.	KSHIRSAGAR VISHAL V.	Vishal	Vishal	Vishal	Vishal	Vishal	Ab	Vishal	Vishal	Vishal	Vishal
35.	KAVADE DHANANJAY C.	Kavade	Kavade	Kavade	Kavade	Ab	Kavade	Kavade	Kavade	Kavade	Kavade
36.	KADAM SACHIN D.	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam



16.	CHANDE SARALA T.	chandndr	chavand		chavand	chavand	chavand	chavand	chavand		chavand
17.	WAGH NIKITA SUNIL	Wagh S	Wagh	Wagh	Wagh		Wagh	Wagh	Wagh	Wagh	Wagh
18.	DAVANGE KRUSHNA G.	Dav S	D S	D S	D S	D S	D S	D S	D S	D S	D S
19.	WAGH MAYUR S.	Wagh S.M	Wagh S.M	Wagh S.M	Wagh S.M	Wagh S.M	Wagh S.M		Wagh S.M	Wagh S.M	Wagh S.M
20.	CHAVAN DEEPAK R.	chavand	chavand	chavand		chavand	chavand	chavand	chavand		chavand
21.	USHIR RAHUL A.	Ushir R.A	Ushir A.R	Ushir A.R	Ushir A.R	Ushir A.R	Ushir A.R	Ushir A.R	Ushir A.R	AB	Ushir A.R
22.	GAIKWAD TEJAS B.	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad
23.	TEKE MACHHINDRA B.	B.M.T.K	B.M.T.K	B.M.T.K	B.M.T.K	B.M.T.K	B.M.T.K	B.M.T.K	B.M.T.K	AB	B.M.T.K
24.	KUDANAR NAMDEO S.	N.S.Kud	N.S.Kud	N.S.Kud	N.S.Kud	N.S.Kud	N.S.Kud	N.S.Kud	N.S.Kud	N.S.Kud	N.S.Kud
25.	TEKE RAMESHWAR G.	Rant	Rant	Rant	AB	Rant	Rant	Rant	Rant	AB	Rant
26.	CHAVAN AKASH M.	chavand	chavand	chavand	chavand	chavand	chavand	chavand	chavand	chavand	chavand
27.	INAMDAR KUTBUDDIN A.	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar	Inamdar
28.	KOLHE MUKUND T.	M.K.L	M.K.L	M.K.L	M.K.L	AB	M.K.L	M.K.L	M.K.L	M.K.L	M.K.L
29.	VARPE BABLU KAILAS	VBS	VBS	VBS	VBS	AB	VBS	VBS	VBS	VBS	VBS
30.	GADEKAR DHIRAJ S.	Gadekar	Gadekar	Gadekar	Gadekar	AB	Gadekar	Gadekar	Gadekar	Gadekar	Gadekar
31.	PATEL PUSHKAR A.	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel
32.	BHUJBAL RAKESH V.	MV	MV	MV	MV	AB	MV	MV	MV	MV	MV
33.	GAWARE VIJAY DIPAK	GWD	GWD	GWD	GWD	GWD	AB	GWD	GWD	GWD	GWD
34.	KSHIRSAGAR VISHAL V.	V	V	V	V	V	V	V	V	V	V
35.	KAVADE DHANANJAY C.	KDC	KDC	KDC	KDC	KDC	KDC	KDC	KDC	KDC	KDC
36.	KADAM SACHIN D.	Kadam	Kadam	Kadam	Kadam	AB	Kadam	Kadam	Kadam	Kadam	Kadam



Kopargaoon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon
 Department of Chemistry and Research Centre
 Certificate Course on
Industrial Inplant Training Programme
 Academic Year: 2021-2022
Attendance Sheet



Sr. No.	Name of Student	27/10/21	28/10/21	29/10/21	30/10/21	15/11/21	16/10/21	17/10/21	18/10/21	19/10/21	20/10/21
1.	RAJPUT SAKSHI R.	Rajput S	Ab	Rajput S	Rajput S	Rajput S	Ab	Rajput S	Rajput S	Rajput S	Rajput S
2.	PARDESHI VRUSHALI V.	P. Vrushali V	P. Vrushali V	P. Vrushali V	P. Vrushali V	Ab	P. Vrushali V	Ab	P. Vrushali V	P. Vrushali V	P. Vrushali V
3.	KALE RUTUJA N.	Rutuja N	Rutuja N	Rutuja N	Rutuja N	Rutuja N	Rutuja N	Rutuja N	Rutuja N	Rutuja N	Rutuja N
4.	HON PRIYA VISHNU	Hon Priya Vishnu	Hon Priya Vishnu	Ab	Hon Priya Vishnu	Hon Priya Vishnu	Hon Priya Vishnu	Hon Priya Vishnu	Hon Priya Vishnu	Hon Priya Vishnu	Hon Priya Vishnu
5.	NAWALE BHAGYASHRI S.	Nawale Bhagyashri S	Nawale Bhagyashri S	Ab	Nawale Bhagyashri S	Nawale Bhagyashri S	Nawale Bhagyashri S	Nawale Bhagyashri S	Nawale Bhagyashri S	Nawale Bhagyashri S	Nawale Bhagyashri S
6.	SONAWANE SWATI M.	Sonawane Swati M	Sonawane Swati M	Ab	Sonawane Swati M	Sonawane Swati M	Sonawane Swati M	Ab	Sonawane Swati M	Ab	Sonawane Swati M
7.	NIKAM RAKHI R.	Nikam Rakhi R	Ab	Nikam Rakhi R	Ab	Nikam Rakhi R	Nikam Rakhi R	Ab	Nikam Rakhi R	Nikam Rakhi R	Nikam Rakhi R
8.	PAWAR PRAJAKTA V.	Pawar Prajakta V	Pawar Prajakta V	Ab	Pawar Prajakta V	Pawar Prajakta V	Pawar Prajakta V	Ab	Pawar Prajakta V	Pawar Prajakta V	Ab
9.	JEJURKAR MOHINI V.	Jejurkar Mohini V	Mohini V	Ab	Jejurkar Mohini V	Jejurkar Mohini V	Jejurkar Mohini V	Ab	Jejurkar Mohini V	Jejurkar Mohini V	Jejurkar Mohini V
10.	AWARE ASHWINI S.	Aware Ashwini S	Ab	Aware Ashwini S	Aware Ashwini S	Aware Ashwini S	Aware Ashwini S	Aware Ashwini S	Ab	Aware Ashwini S	Aware Ashwini S
11.	PACHORE PRIYANKA S.	Pachore Priyanka S	Pachore Priyanka S	Ab	Pachore Priyanka S	Pachore Priyanka S	Pachore Priyanka S	Pachore Priyanka S	Pachore Priyanka S	Ab	Pachore Priyanka S
12.	PACHORE MONIKA B.	Pachore Monika B	Pachore Monika B	Ab	Pachore Monika B	Pachore Monika B	Ab	Pachore Monika B	Pachore Monika B	Pachore Monika B	Pachore Monika B
13.	PACHORE RUTUJA B.	Pachore Rutuja B	Pachore Rutuja B	Ab	Pachore Rutuja B	Pachore Rutuja B	Pachore Rutuja B	Pachore Rutuja B	Pachore Rutuja B	Ab	Pachore Rutuja B
14.	ATTAR SANA NISAR	Attar Sana Nisar	Attar Sana Nisar	Attar Sana Nisar	Attar Sana Nisar	Attar Sana Nisar	Ab	Attar Sana Nisar	Attar Sana Nisar	Attar Sana Nisar	Attar Sana Nisar
15.	PAGIRE PRIYANKA A.	Pagire Priyanka A	Ab	Pagire Priyanka A	Pagire Priyanka A	Pagire Priyanka A	Ab	Pagire Priyanka A	Pagire Priyanka A	Ab	Pagire Priyanka A

16.	CHANDE SARALA T.	Ab	cha. dST	chandest	chandest	chandest	chandest	chandest	Ab	chandest	chandest
17.	WAGH NIKITA SUNIL	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
18.	DAVANGE KRUSHNA G.	Through	Ab	Through	Through	Ab	Through	Through	Through	Ab	Through
19.	WAGH MAYUR S.	Jyhm.s	Jyhm.s	Jyhm.s	Jyhm.s	Ab	Ab	Ab	Ab	Ab	Ab
20.	CHAVAN DEEPAK R.	chavandR	chavandR	chavandR	chavandR	Ab	Ab	Ab	Ab	Ab	Ab
21.	USHIR RAHUL A.	Rahul	Rahul	Ab	Rahul	Rahul	Rahul		Rahul	Rahul	Rahul
22.	GAIKWAD TEJAS B.	Tejas	Tejas	Tejas	Ab	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
23.	TEKE MACHHINDRA B.	MBteke	MBteke	MBteke	MBteke	MBteke	Ab	MBteke	MBteke	MBteke	MBteke
24.	KUDANAR NAMDEO S.	kudary	kudary	kudary	kudary	kudary	kudary	kudary	Ab	kudary	kudary
25.	TEKE RAMESHWAR G.	Cany	Cany	Cany	Cany	Cany	Ab	Cany	Cany	Cany	Cany
26.	CHAVAN AKASH M.	Amchavan	Amchavan	Amchavan	Amchavan	Amchavan	Amchavan	Amchavan	Amchavan	Amchavan	Ab
27.	INAMDAR KUTBUDDIN A.	IKA	IKA	IKA	IKA	IKA	IKA	IKA	IKA	IKA	IKA
28.	KOLHE MUKUND T.	kolher.	kolher.	kolher.	Ab	kolher.	kolher.	kolher.	kolher.	kolher.	kolher.
29.	VARPE BABLU KAILAS	Bablu	Bablu	Bablu	Bablu	Bablu	Ab	Bablu	Bablu	Bablu	Bablu
30.	GADEKAR DHIRAJ S.	DhirajG	DhirajG	DhirajG	DhirajG	DhirajG	DhirajG	DhirajG	DhirajG	DhirajG	DhirajG
31.	PATEL PUSHKAR A.	Patel P.A	Patel P.A	Patel P.A	Ab	Patel P.A	Patel P.A	Ab	Patel P.A	Patel P.A	Patel P.A
32.	BHUJBAL RAKESH V.	RakeshB	RakeshB	Ab	RakeshB	RakeshB	RakeshB	RakeshB	Ab	RakeshB	RakeshB
33.	GAWARE VIJAY DIPAK	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware	Gaware
34.	KSHIRSAGAR VISHAL V.	Vishal	Vishal	Vishal	Ab	Vishal	Vishal	Vishal	Ab	Vishal	Vishal
35.	KAVADE DHANANJAY C.	kavadeR	kavadeR	kavadeR	kavadeR	Ab	kavadeR	kavadeR	kavadeR	kavadeR	kavadeR
36.	KADAM SACHIN D.	Sadam	Sadam	Sadam	Sadam	Sadam	Sadam	Sadam	Sadam	Sadam	Sadam



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Academic Year: 2021-2022



[Marks: 40]

[Time: 2 hours]

Q.1) Choose the correct alternative of the following. (20M)

1. What must you do before you are allowed to enter the laboratory?

- A) Skim over the procedure.
- B) Practice using the equipment on the front counter.
- C) Thoroughly read the procedure and complete the pre-lab assignment.
- D) Say the magic password.

2. Which of the following will not be permitted in the laboratory?

- A) long, loose hair
- B) dangling jewelry
- C) baggy clothing
- D) None of the above will be permitted in the laboratory.

3. If your lab partner and you do not understand a direction or part of a procedure,

- A) experiment so you do not look foolish.
- B) skip that part of the procedure.
- C) ask the instructor before proceeding.
- D) copy another lab group's data.

4. How long should you rinse your eyes if you splash a chemical into them?

- A) At least 20 minutes
- B) 30 seconds
- C) At least 5 minutes
- D) About 10 minutes

5. What should you do in case of a fire drill in lab?

- A) Run to the safety shower and drench yourself with water.
- B) Climb into the fume hood and turn on the fan.
- C) Carry as many chemicals out of the building as possible.
- D) Close all chemical containers and gas valves and turn off electrical equipment before exiting the room.

6. The following footwear is best in the laboratory.

- A. sandals

- B. open-toed shoes
- C. closed-toed shoes
- D. shoes appropriate for the weather

7. Retention time is characteristic property of -----.

- A. stationary phase
- B. mobile phase
- C. carrier gas
- D. sample components

8. If a piece of equipment is not working properly, stop, turn it off, and tell

- A. the custodian.
- B. your lab partners.
- C. your best friend in the class.
- D. the science instructor.

9. If an acid is splashed on your skin, wash it once with

- A. soap.
- B. oil.
- C. weak base.
- D. plenty of water.

10. When you finish working with chemicals, biological specimens, and other lab substances, always

- A. treat your hands with skin lotion.
- B. wash your hands thoroughly with soap and water.
- C. wipe your hands on a towel.
- D. wipe your hands on your clothes.

Q.2) Answer the following (Any Five)

(20 M)

1. What are the different safety features in laboratory?
 2. Write a note on advantages and disadvantages of TLC.
 3. What are the types of accidents in laboratory?
 4. Give the advantages of gas chromatography (GC).
 5. List the various types of chemicals in laboratory.
 6. Discuss the comparison between HPLC and GLC.
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Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Industrial Inplant Training Programme
Students Marklist List
YEAR - 2021-22

Sr. No.	Name of Student	Internal (out of 40)	Oral (Out of 10)	Total (Out of 50)
1.	RAJPUT SAKSHI RAJUSING	28	7	35
2.	PARDESHI VRUSHALI VIJAYSINGH	29	6	35
3.	KALE RUTUJA NANASAHEB	24	5	29
4.	HON PRIYA VISHNU	34	6	40
5.	NAWALE BHAGYASHRI SAHEBRAO	31	5	36
6.	SONAWANE SWATI MADHAV	30	8	38
7.	NIKAM RAKHI RAJENDRA	31	6	37
8.	PAWAR PRAJAKTA VIKRAM	32	6	38
9.	JEJURKAR MOHINI VILAS	30	8	38
10.	AWARE ASHWINI SANJAY	29	8	37
11.	PACHORE PRIYANKA SHARAD	29	8	37
12.	PACHORE MONIKA BALASAHEB	32	8	40
13.	PACHORE RUTUJA BAJIRAO	26	7	33
14.	ATTAR SANA NISAR	28	7	35
15.	PAGIRE PRIYANKA APPASAHEB	29	6	35
16.	CHANDE SARALA TUKARAM	24	5	29
17.	WAGH NIKITA SUNIL	34	6	40
18.	DAVANGE KRUSHNA GANGADHAR	31	5	36
19.	WAGH MAYUR SAMBHAJI	30	8	38
20.	CHAVAN DEEPAK RAMKRUSHNA	31	6	37

21.	USHIR RAHUL AMBADAS	30	7	37
22.	GAIKWAD TEJAS BHAUSAHEB	27	6	33
23.	TEKE MACHHINDRA BHAUSAHEB	31	5	36
24.	KUDANAR NAMDEO SHIVAJI	30	8	38
25.	TEKE RAMESHWAR GAJANAN	28	6	34
26.	CHAVAN AKASH MADAN	26	5	31
27.	INAMDAR KUTBUDDIN ABDUL	29	8	37
28.	KOLHE MUKUND TANAJI	32	8	40
29.	VARPE BABLU KAILAS	26	7	33
30.	GADEKAR DHIRAJ SOMNATH	28	7	35
31.	PATEL PUSHKAR ANISH	29	6	35
32.	BHUJBAL RAKESH VIJAY	24	5	29
33.	GAWARE VIJAY DIPAK	34	6	40
34.	KSHIRSAGAR VISHAL VIJAY	31	5	36
35.	KAVADEDHANANJAY C.	30	8	38
36.	KADAM SACHIN DAULATRAO	31	6	37


 Dr. Satish B. Kale
 Head
 Department of Chemistry
 K. J. Somaiya College, Kopergaon


 Principal
 K. J. Somaiya College of Arts,
 Commerce & Science, Kopergaon



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Activity Report 2021-22



- K. J. Somaiya College of Art's, Commerce & Science, Kopergaon for its well-known student-oriented activities.
- Chemistry department of K. J. Somaiya College every year organize the '**Industrial In-plant Training Programme**' in collaboration with Godavari Biorefineries Limited Sakarawadi for the students of chemistry department; since 2015.
- For the academic year 2021-22 the training programme was carried out from 26/05/2022 to 04/06/2022.
- This training programme was successfully completed by thirty six students; seventeen were girls and nineteen were boys.
- In this training programme the students were visit the different units of the Godavari Biorefineries Plant. They get the actual knowledge of production of different chemicals, their purification, storage and transport methods. The students visited the R & D lab of the plant.
- The students also visited the ETP plant (Effluent Treatment Plant) and saw the actual process involve in it.




Dr. Satish B. Kale
Head

Department of Chemistry
K. J. Somaiya College, Kopergaon

Participated Students in In-Plant Training Programme


Principal

K. J. Somaiya College of Arts,
Commerce & Science, Kopergaon



Godavari Biorefineries Ltd

Ref: GBL/SAK/71

Date: 24.09.2022

To whomsoever it May Concern

This is to certify that Miss Bhagyashri Sahebrao Nawale., M.Sc-II (Organic Chemistry), year 2022 student of K. J. Somaiya College of Arts, Commerce & Science ,Kopargaon. She completed In-Plant training successfully for the period 26.05.2022 to 04.06.2022 in our organization.

This certificate is being issued towards completion of In-Plant Training.

We wish her every success in her life and career.

For Godavari Biorefineries Ltd.

(B.M. Palve)
DGM-HR/Administration

(S.U. Godage)
Director (Works)

P. O. : Sakarwadi, Tal Kopargaon, Dist Ahmednagar 413 708 (M.S.) INDIA
Tel : (02423) 279308/ 279396 / 279440 Fax : (02423) 279339 E-mail : sakarwadi@somaiya.com
Regd. Office : Somaiya Bhavan, 45/47, Mahatma Gandhi Road, Fort, Mumbai - 400 001 INDIA.
Tel : (91-22) 2204 8272 / 2285 8430 Fax : (91-22) 2204 7297 www.somaiya.com



CIN : U67120MH1956PLC009707

DEPARTMENT OF CHEMISTRY
INDUSTRIAL INPLANT TRAINING PROGRAMME

Kopergaon Taluka Education Society's
K. J. Somaiya College of Art's, Commerce & Science, Kopergaon



Academic Year
2019-20

Activity Report
Course Code- CC.015
Title- "Certificate Course in
Industrial Inplant Training Programme"

Department of Chemistry and Research Center

K. J. Somaiya College of Art's, Commerce & Science Kopergaon

Tal-Kopergaon-Dist-Ahmednagar 423601



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon

Academic Year: 2019-2020

Notice

Date: 01/07/2019

All the willing students of M.Sc.-II (Organic Chemistry) hereby informed that the admission to departmental certificate course—Industrial Inplant Training Programme will be commence from 04/07/2019.




HOD
(Dr. S. B. Kale)


Principal
(Dr. B. S. Yadav)
**K.J. Somaiya College of Arts
Commerce & Science, Kopargaon**

Letter to IQAC for seeking permission for Industrial Inplant Training Programme

Date:10/07/2019

To,

The Coordinator,
IQAC,
K. J. Somaiya College, Kopargaon

Subject: Regarding the Permission for Industrial Inplant Training Programme in the Department

Respected Sir,

The Department of **Chemistry** desires to start/organized a Remedial Classes as **Departmental Activity** in Chemistry for developing the awareness to different laboratory safety parameters, various purification techniques, green chemistry aspect, bulk chemical handling, actual industrial processing.

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	22/07/2019, 11.00 am
Venue	Department of Chemistry

The said course / seminar/ conference/ webinar/ activity will be of 30 contact hours and no fees for the course. Kindly give the permission and thank you and look forward for kind cooperation.



Yours sincerely,

A handwritten signature in black ink, appearing to be 'Dr. S. B. Kale'.

Head

(Dr. S. B. Kale)
Head

Department of Chemistry
K. J. Somaiya College, Kopargaon

Permission Letter from IQAC for Organizing Industrial Inplant Training Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopargaon

To,
Head,
Department of Chemistry,
K. J. Somaiya College, Kopargaon

Subject: Permission for organizing Industrial Inplant Training Programme in the Department of Chemistry.

Dear Sir,

As per your letter Dated **10/07/2019** IQAC grants the permission for following activity:

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	22/07/2019
Venue	Department of Chemistry

You are requested to complete the documentation and submit it to IQAC after end of the programme within five working days.

Wish you all the best for programme.

Thank you.



Yours Sincerely,


(Dr. V. C. Thange)

Coordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A. Nagar



Kopargaoon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon
Industrial Inplant Training Programme
Students Enrolled List
YEAR - 2019-20



Sr. No.	Name of Student
1.	Miss. Malwade Varsha D.
2.	Miss. Bhaver Rani J.
3.	Mr. Shinde Sunil K.
4.	Miss. Kathe Vrushali T.
5.	Miss. Khalkar Priyanka S.
6.	Miss. Gavhane Yogita B.
7.	Miss. Kapse Ankita B.
8.	Mr. Shinde Mahesh S.
9.	Mr. Abhale Vaibhav S.
10.	Mr. Rahane Ganesh V.
11.	Mr. Jadhav Sandip D.
12.	Mr. Ahire Ashok V.
13.	Mr. Patange Vikas S.
14.	Miss. Khillari Komal R.
15.	Mr. Bidawe Pradyuman R.
16.	Miss. Agwan Vaishanvi B.
17.	Miss. Anarthe Gayatri D.
18.	Miss. Wakte Sapna D.
19.	Miss. Bhagwat Rupali C.

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaoon

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaoon



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Academic Year: 2019-2020
Attendance Sheet



Sr. No.	Name of Student	24/6/19	25/6/19	26/6/19	27/6/19	28/6/19	29/6/19	1/7/19	2/7/19	3/7/19	4/7/19
1.	Miss. Malwade Varsha D.	Varsha	Varsha	AB	Varsha	Varsha	Varsha	AB	Varsha	Varsha	Varsha
2.	Miss. Bhaver Rani J.	Bhaver	Bhaver	Bhaver	AB	Bhaver	Bhaver	Bhaver	Bhaver	Bhaver	Bhaver
3.	Mr. Shinde Sunil K.	Sunil	Sunil	Sunil	Sunil	Sunil	AB	Sunil	Sunil	Bhaver	Bhaver
4.	Miss. Kathe Vrushali T.	Vrushali	Vrushali	AB	Vrushali	AB	Vrushali	Vrushali	Vrushali	Vrushali	AB
5.	Miss. Khalkar Priyanka S.	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	AB	Priyanka	Priyanka	AB
6.	Miss. Gavhane Yogita B.	Yogita	Yogita	Yogita	Yogita	AB	Yogita	AB	Yogita	Yogita	Yogita
7.	Miss. Kapse Ankita B.	Ankita	Ankita	AB	Ankita	AB	Ankita	AB	Ankita	Ankita	Ankita
8.	Mr. Shinde Mahesh S.	Mahesh	AB	Mahesh	Mahesh	AB	Mahesh	AB	Mahesh	Mahesh	Mahesh
9.	Mr. Abhale Vaibhav S.	Vaibhav	Vaibhav	Vaibhav	Vaibhav	AB	Vaibhav	AB	Vaibhav	Mahesh	Mahesh
10.	Mr. Rahane Ganesh V.	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	AB	AB	Ganesh	Ganesh
11.	Mr. Jadhav Sandip D.	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip
12.	Mr. Ahire Ashok V.	Ashok	Ashok	Ashok	Ashok	AB	Ashok	Ashok	Ashok	Ashok	Ashok
13.	Mr. Patange Vikas S.	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas
14.	Miss. Khillari Komal R.	Komal	AB	Komal	AB	Komal	Komal	Komal	Komal	Komal	Komal
15.	Mr. Bidawe Pradyuman R.	Pradyuman	Pradyuman	Pradyuman	Pradyuman	Pradyuman	Pradyuman	Pradyuman	AB	Pradyuman	Pradyuman
16.	Miss. Agwan Vaishanvi B.	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	AB	Vaishanvi
17.	Miss. Anarthe Gayatri D.	Gayatri	AB	Gayatri	AB	Gayatri	Gayatri	AB	Gayatri	AB	Gayatri
18.	Miss. Wakte Sapna D.	Sapna	Sapna	Sapna	Sapna	Sapna	Sapna	Sapna	Sapna	Sapna	Sapna
19.	Miss. Bhagwat Rupali C.	Rupali	AB	Rupali	AB	Rupali	Rupali	AB	Rupali	AB	Rupali



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Academic Year: 2019-2020
Attendance Sheet



Sr. No.	Name of Student	6/7/19	7/7/19	8/7/19	9/7/19	10/7/19	11/7/19	12/7/19	13/7/19	15/7/19	16/7/19	17/7/19
1.	Miss. Malwade Varsha D.	Varsha	Varsha	Ab	Varsha	Varsha	Ab	Varsha	Varsha	Ab	Varsha	Varsha
2.	Miss. Bhaver Rani J.	Bhaver	Bhaver	Bhaver	Bhaver	Ab	Bhaver	Bhaver	Ab	Bhaver	Bhaver	Bhaver
3.	Mr. Shinde Sunil K.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Ab
4.	Miss. Kathe Vrushali T.	Vrushali	Vrushali	Vrushali	Ab	Vrushali	Ab	Vrushali	Ab	Vrushali	Vrushali	Vrushali
5.	Miss. Khalkar Priyanka S.	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
6.	Miss. Gavhane Yogita B.	Yogita	Yogita	Yogita	Yogita	Ab	Yogita	Ab	Yogita	Yogita	Ab	Yogita
7.	Miss. Kapse Ankita B.	Ankita	Ankita	Ab	Ankita	Ankita	Ab	Ankita	Ankita	Ankita	Ankita	Ankita
8.	Mr. Shinde Mahesh S.	Mahesh	Ab	Mahesh	Mahesh	Ab	Mahesh	Mahesh	Mahesh	Ab	Ab	Mahesh
9.	Mr. Abhale Vaibhav S.	Abhale	Abhale	Abhale	Abhale	Abhale	Abhale	Abhale	Abhale	Abhale	Abhale	Abhale
10.	Mr. Rahane Ganesh V.	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ab	Ganesh	Ganesh	Ganesh	Ab	Ganesh
11.	Mr. Jadhav Sandip D.	Sandip	Sandip	Ab	Sandip	Ab	Sandip	Ab	Sandip	Sandip	Sandip	Sandip
12.	Mr. Ahire Ashok V.	Ashok	Ashok	Ashok	Ab	Ashok	Ashok	Ashok	Ashok	Ashok	Ab	Ashok
13.	Mr. Patange Vikas S.	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Ab	Vikas	Vikas	Vikas	Vikas
14.	Miss. Khillari Komal R.	Komal	Ab	Komal	Ab	Komal	Ab	Komal	Ab	Ab	Komal	Komal
15.	Mr. Bidawe Pradyuman R.	Bidaw	Bidaw	Bidaw	Bidaw	Bidaw	Bidaw	Bidaw	Ab	Bidaw	Bidaw	Bidaw
16.	Miss. Agwan Vaishanvi B.	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Vaishanvi	Ab
17.	Miss. Anarthe Gayatri D.	Gayatri	Ab	Gayatri	Ab	Gayatri	Gayatri	Ab	Gayatri	Ab	Ab	Gayatri
18.	Miss. Wakte Sapna D.	Sapna	Sapna	Sapna	Ab	Sapna	Sapna	Sapna	Ab	Sapna	Sapna	Sapna
19.	Miss. Bhagwat Rupali C.	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Ab	Ab	Rupali



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Department of Chemistry and Research Centre

Certificate Course on
Industrial Inplant Training Programme
Academic Year: 2019-2020

Attendance Sheet



Sr. No.	Name of Student	18/7/19	19/7/19	20/7/19	22/7/19	23/7/19	24/7/19	25/7/19	26/7/19	27/7/19	29/7/19
1.	Miss. Malwade Varsha D.	Varsha	Ab	Varsha	Varsha	Varsha	Varsha	Ab	Varsha	Varsha	Varsha
2.	Miss. Bhaver Rani J.	Balrani	Balrani	Balrani	Balrani	Ab	Balrani	Balrani	Balrani	Balrani	Ab
3.	Mr. Shinde Sunil K.	Sun	Sun	Sun	Sun	Sun	Ab	Sun	Sun	Sun	Ab
4.	Miss. Kathe Vrushali T.	Vrush	Vrush	Ab	Vrush	Ab	Vrush	Vrush	Ab	Vrush	Vrush
5.	Miss. Khalkar Priyanka S.	Pri	Pri	Pri	Pri	Pri	Pri	Ab	Pri	Pri	Pri
6.	Miss. Gavhane Yogita B.	Yogita	Yogita	Yogita	Ab	Yogita	Ab	Yogita	Ab	Yogita	Yogita
7.	Miss. Kapse Ankita B.	Ankita	Ankita	Ab	Ankita	Ab	Ankita	Ankita	Ankita	Ankita	Ab
8.	Mr. Shinde Mahesh S.	Mahesh	Mahesh	Mahesh	Ab	Ab	Mahesh	Mahesh	Ab	Mahesh	Mahesh
9.	Mr. Abhale Vaibhav S.	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh	Abh
10.	Mr. Rahane Ganesh V.	Ganesh	Ganesh	Ganesh	Ganesh	Ab	Ganesh	Ab	Ganesh	Ganesh	Ab
11.	Mr. Jadhav Sandip D.	Sandip	Ab	Sandip	Ab	Sandip	Ab	Sandip	Sandip	Sandip	Sandip
12.	Mr. Ahire Ashok V.	Ash	Ash	Ash	Ash	Ash	Ash	Ash	Ash	Ab	Ash
13.	Mr. Patange Vikas S.	Vikas	Vikas	Vikas	Vikas	Ab	Vikas	Vikas	Vikas	Ab	Vikas
14.	Miss. Khillari Komal R.	Komal	Komal	Komal	Ab	Komal	Komal	Ab	Komal	Komal	Komal
15.	Mr. Bidawe Pradyuman R.	Bidu	Bidu	Bidu	Bidu	Bidu	Bidu	Ab	Bidu	Bidu	Bidu
16.	Miss. Agwan Vaishanvi B.	Agwan	Agwan	Agwan	Agwan	Agwan	Agwan	Ab	Agwan	Agwan	Agwan
17.	Miss. Anarthe Gayatri D.	Gayatri	Gayatri	Ab	Gayatri	Ab	Gayatri	Ab	Gayatri	Ab	Gayatri
18.	Miss. Wakte Sapna D.	Sapna	Ab	Sapna	Ab	Sapna	Sapna	Sapna	Sapna	Ab	Sapna
19.	Miss. Bhagwat Rupali C.	Rupali	Rupali	Ab	Rupali	Ab	Rupali	Rupali	Ab	Rupali	Rupali

Kopargaoon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Academic Year: 2019-2020



[Marks: 40]

[Time: 2 hours]

Q.1) Choose the correct alternatives of the following.

(40 M)

- 1. Flammable materials, like alcohol, should never be dispensed or used near**
 - A. An open door.
 - B. An open flame.
 - C. Another student.
 - D. A sink.
- 2. If a laboratory firer ups, immediately**
 - A. Notify our instructor.
 - B. Run for the fire extinguisher.
 - C. Throw water on the fire.
 - D. Open the windows.
- 3. Approved eye protection devices (such as goggles) are worn in the laboratory**
 - A. To avoid eyestrain.
 - B. To improve your vision.
 - C. Only if you don't have corrective glasses.
 - D. Any time chemicals, heat or glassware are used.
- 4. If you wear contact lenses in the Collaborator,**
 - A. Take the moot before starting the lab.
 - B. You do not have to wear protective goggles.
 - C. Advise your science instructor that you wear contact lenses.
 - D. Keep the information to yourself.
- 5. If you do not understand a direction or part of a lab procedure, you should**
 - A. Figure it out as you do the lab.
 - B. Try several methods until something works.
 - C. Ask the instructor before proceeding.
 - D. Skip it and go on to the next part.



6. **After completing an experiment, all chemical wastes should be**
 - A. Left at your lab station for the next class.
 - B. Disposed of according to your instructor's directions.
 - C. Dumped in the sink.
 - D. Taken home.
7. **If a lab experiment is not completed, you should**
 - A. Discuss the issue with your instructor.
 - B. Sneak in after school and work alone.
 - C. Come in during lunch and finish while eating lunch.
 - D. Make up some results.
8. **You are heating a substance in a test tube. Always point the open end of the tube**
 - A. Toward yourself.
 - B. Toward your lab partner.
 - C. Toward another classmate.
 - D. Away from all people.
9. **You are heating a piece of glass and now want to pick it up. You should**
 - A. Use a rag or paper towels.
 - B. Pick up the end that looks cooler.
 - C. Use tongs.
 - D. Pour cold water on it.
10. **You have been injured in the laboratory (cut, burn, etc.). First you should**
 - A. Visit the school nurse after class.
 - B. See a doctor after school.
 - C. Tell the science instructor at once.
 - D. Apply first aid yourself.
11. **When gathering glassware and equipment for an experiment, you should**
 - A. Read all directions carefully to know what equipment is necessary.
 - B. Examine all glassware to check for chips or cracks.
 - C. Clean any glassware that appears dirty.
 - D. All of the above.
12. **You want to place a piece of glass tubing into a rubber stopper after the tubing**



has been fire polished and cooled. This is best done by

- A. Lubricating the tubing with water or glycerin.
- B. Using a towel or cotton gloves for protection.
- C. Twisting the tubing and stopper carefully.
- D. All of the above.

13. Personal eye glasses provide as much protection as

- A. A face shields.
- B. Safety glasses.
- C. Splash proof chemical goggles.
- D. None of the above.

14. Long hair in the laboratory must be

- A. Cut short.
- B. Held away from the experiment with one hand.
- C. Always neatly groomed.
- D. Tied back or kept entirely out of the way with a hair band, hairpins, or other confining device.

15. In a laboratory, the following should not be worn.

- A. Loose clothing.
- B. Dangling jewelry.
- C. Sandals.
- D. All of the above.

16. The following foot wear is best in the laboratory.

- A. sandals
- B. open-toed shoes
- C. closed-toed shoes
- D. shoes appropriate for the weather

17. Retention time is characteristic property of -----.

- A. stationary phase
- B. mobile phase
- C. carrier gas
- D. sample components

18. If a piece of equipment is not working properly, stop, turn it off, and tell



- A. The custodian.
- B. Your lab partners.
- C. Your best friend in the class.
- D. The science instructor.

19. If an acid is splashed on your skin, wash at once with

- A. Soap.
- B. Oil.
- C. Weakbase.
- D. Plenty of water.

20. When you finish working with chemicals, biological specimens, and other lab substances, always

- A. Treat your hands with skin lotion.
- B. Wash your hands thoroughly with soap and water.
- C. Wipe your hands on a towel.
- D. Wipe your hands on your clothes.



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Industrial Inplant Training Programme
Students Marklist
YEAR - 2019-20



Sr. No.	Name of Student	Internal (out of 40)	Oral (Out of 10)	Total (Out of 50)
1.	Miss. Malwade Varsha D.	29	7	36
2.	Miss. Bhaver Rani J.	33	5	38
3.	Mr. Shinde Sunil K.	30	6	36
4.	Miss. Kathe Vrushali T.	32	8	40
5.	Miss. Khalkar Priyanka S.	28	7	35
6.	Miss. Gavhane Yogita B.	29	6	35
7.	Miss. Kapse Ankita B.	32	6	38
8.	Mr. Shinde Mahesh S.	30	5	35
9.	Mr. Abhale Vaibhav S.	31	8	39
10.	Mr. Rahane Ganesh V.	32	7	39
11.	Mr. Jadhav Sandip D.	30	8	38
12.	Mr. Ahire Ashok V.	28	6	34
13.	Mr. Patange Vikas S.	31	7	38
14.	Miss. Khillari Komal R.	32	8	40
15.	Mr. BidawePradyuman R.	29	7	36
16.	Miss. AgwanVaishanviB.	30	6	36
17.	Miss. Anarthe Gayatri D.	31	6	37
18.	Miss. Wakte Sapna D.	29	6	35
19.	Miss. Bhagwat Rupali C.	30	6	36


Dr. Satish B. Kale
Head

Department of Chemistry
K. J. Somaiya College, Kopergaon


Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopergaon



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Activity Report 2019-20

-
- Department of Chemistry every year organizes the '**Industrial Inplant Training Programme**' in collaboration with Godavari Biorefineries Limited, Sakarwad for the P.G. students of Chemistry; since 2015.
 - This year i.e., 2019-20 nineteen students applied for this training programme; but due to the COVID-19 pandemic situation the programme was cancelled.




Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaon


Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaon



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon-423601, Dist: Ahmednagar, Maharashtra

*** NAAC Reaccredited 'A' Grade * * An ISO 9001:2008 certified Institute***



Industrial Inplant Training Programme

Jointly Organized By

Department of Chemistry & Godavari Biorefineries Limited

Certificate of Participation

This is to certify that **SAMPLE** Ms / Mr _____ has actively undergone *Industrial Inplant Training Programme* to _____ jointly organized by the Department of Chemistry, K. J. Somaiya College, Kopargaon and Somaiya Group of Industries, held at Godavari Biorefineries Limited, Sakarwadi, Kopargaon.

Dr. S. B. Kale
Head, Dept. of Chemistry

Mr. S. Vasani
Sr. G. M., GBL

Mr. S. Mohan
Director, GBL

Dr. B. S. Yadav
Principal



DEPARTMENT OF CHEMISTRY
INDUSTRIAL INPLANT TRAINING PROGRAMME

Kopergaon Taluka Education Society's
K. J. Somaiya College of Art's, Commerce & Science, Kopergaon



Academic Year
2018-19

Activity Report
Course Code- CC.015
Title- "Certificate Course in
Industrial Inplant Training Programme"

Department of Chemistry and Research Center

K. J. Somaiya College of Art's, Commerce & Science Kopergaon

Tal-Kopergaon-Dist-Ahmednagar 423601



Kopargaoon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon

Academic Year: 2018-2019

Notice

Date: 29/06/2018

All the willing students of M.Sc.-II (Organic Chemistry) hereby informed that the admission to departmental certificate course—Industrial Inplant Training Programme will be commence from 04/07/2018.



HOD

(Dr. S. B. Kale)



Principal

(Dr. B. S. Yadav)

**K.J.Somaiya College of Arts
Commerce & Science, Kopargaoon**

Letter to IQAC for seeking permission for the Industrial Inplant Training Programme

Date: 17/07/2018

To,

The Coordinator,
IQAC,
K. J. Somaiya College, Kopergaon

Subject: Regarding the Permission for start Industrial Inplant Training Programme in the Department.

Respected Sir,

The Department of **Chemistry** desires to start/organized a Remedial Classes as **Departmental Activity** in Chemistry for developing the awareness to different laboratory safety parameters, various purification techniques, green chemistry aspect, bulk chemical handling, actual industrial processing.

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	01/08/2018, 11.00 am
Venue	Department of Chemistry

The said course / seminar/ conference/ webinar/ activity will be of 30 contact hours and no fees for the course. Kindly give the permission and thank you and look forward for kind cooperation.

Yours sincerely,



Head
(Dr. S. B. Kale)
Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopergaon

Permission Letter from IQAC for Organizing Industrial Inplant Training Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopargaon

To,
Head,
Department of Chemistry,
K. J. Somaiya College, Kopargaon

Subject: Permission for organizing Industrial Inplant Training Programme in the Department of Chemistry.

Dear Sir,

As per your letter Dated **17/07/2018** IQAC grants the permission for following activity:

Name of the Activity	Industrial Inplant Training Programme
Proposed Date and Time	01/08/2018
Venue	Department of Chemistry

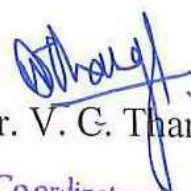
You are requested to complete the documentation and submit it to IQAC after end of the programme within five working days.

Wish you all the best for programme.

Thank you.



Yours Sincerely,


(Dr. V. G. Thange)

Coordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme



Preamble of Syllabus

1) Name of certificate course: *Industrial Inplant Training Programme*

2) Course Level: *Certificate (Postgraduate)*

3) Implementation from: 01/07/2017

4) Objectives:

- The certificate course, *Industrial Inplant Training Programme* is being conducted in collaboration with Godavari Biorefineries Limited, Sakarwadi, Tal. Kopargaon, Dist-Ahmednagar.
- Apart from the theoretical and practical knowledge during the course the students are exposed to the onsite training in chemical industry.
- Students will get the knowledge of production QA, QC, R&D, ETP and general industrial aspects while working in chemical plant.
- They will also be introduced to safety measures, bulk chemical handling, storage, packing and transportation etc.

5) Faculty of the course: Science

6) Eligibility For Admission: M.Sc. I (Organic Chemistry)

7) Duration of the course: 6 Month

8) Total hours for teaching: 60 hours (30 Lectures + 30 Inplant Training)

9) Pattern of examination: Internal exam and oral



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce & Science, Mohanirajnagar, Kopargaon

Syllabus for certificate course

Industrial Inplant Training Programme

Theory Paper: (2 Credits) (30 L)



1) Introduction to Laboratory Safety:

(10 L)

Meaning safety signs on container of chemicals, safety handling of chemicals, MSDS sheets: Detailed explanation at least for 4 different types of substances (e.g. nitric acid, benzene, potassium dichromate, bromine, etc.), Handling of glassware's and care to be taken, handling of organic flammable as well as toxic solvents in laboratory, use of safety goggles, shoes and gloves, fire extinguisher and its use, action to be taken in accidental cases e.g. cleaning of acid spill over, use eye wash station and bath station in emergency, etc. (compulsory)

2) Purification Techniques

(10 L)

- a) Purification of organic solids by recrystallization
- b) Purification of organic liquids by upward/downward/traditional distillation technique
- c) Column Chromatography technique
- d) Sublimation by Cold Thumb Method
- e) Thin Layer Chromatography technique

3) Introduction to Green Chemistry

(5 L)

Concept of green chemistry, twelve principles of green chemistry, applications of green chemistry for sustainable development, Atom economy, Monitoring of reaction using TLC

4) Spectroscopic Techniques

(5 L)

Introduction to spectroscopy, Types of spectroscopy, U.V. spectroscopy, I.R. spectroscopy, N.M.R. spectroscopy, Mass spectroscopy, Spectral analysis of molecules.

5) Field Work:-Industrial Inplant Training in Godavari Biorefineries Limited, Sakarwadi.

Aims and Objectives:

After completing the course, the student will be acquainted with:

- Different safety features at work place.
- To understand laboratory safety.
- Standard laboratory facilities.
- Hazardous chemicals in laboratory and their proper handling.
- How to avoid laboratory accidents.
- Alarm system in laboratory.
- First aid during chemical accidents.
- Proper way for equipment handling.
- Use of spectroscopic methods for characterization.
- Disaster management during gas leakages, fires, chemical spilling.



References:

1. Introduction to Spectroscopy – D.L. Pavia, G.M. Lampman, G.S. Kriz, 3rd ED. (Harcourt college publishers).
2. Spectrometric identification of organic compounds R.M. Silverstein F.X. Webster 6th Ed. John Wiley and Sons.
3. Chemical Laboratory Safety and security, Hisa Moran and Masciangioli.
4. A guidebook of chemical laboratory safety and security, National Academics Press, Washington, DC.



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Industrial Inplant Training Programme
Students Enrolled List
Year - 2018-19



Sr. No.	Name of Student
1.	Miss. Autade Ankita Blasaheb
2.	Miss. Rohamare Aarti Deepak
3.	Miss. RatneBhagyashri Bhaskar
4.	Miss. Kakade Jyoti Bhanudas
5.	Mr. Teke Vishal Bhanudas
6.	Mr. Gage Vishal Sunil
7.	Mr. Musale Rohan Ramnath
8.	Mr. Ghare Nilesh Haribhau
9.	Miss. Autade Pallavi Babasheb
10.	Miss. Pandore Vaishnavi Rajendra
11.	Miss. Bhansali Samruddhi Rajendra
12.	Miss. Bornare Aishwarya Madhukar
13.	Mr. BhoteSanket Vijay
14.	Miss. Thorat Swati Parsaram
15.	Miss. Badhe Resham Shyam
16.	Miss. Kakade Swati Nanasheb
17.	Miss. Chaudhari Ashwini Rajendra
18.	Mr. KhadeMinnathChangdev
19.	Miss. KhairnarPratibaPunjari
20.	Mr. Wagh Shubham Ashok
21.	Miss. Ghuge Rohini Madan
22.	Miss. BorudeMonali Narayan



Kopargaoon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon

Department of Chemistry and Research Centre

Certificate Course on

Industrial Inplant Training Programme

Academic Year: 2018-2019

Time Table



Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
03.00 to 04.00	Theory	Theory	Theory	Theory	Theory	Theory


Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopargaoon


Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopargaoon



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon
Department of Chemistry and Research Centre
Certificate Course on
Industrial Inplant Training Programme
Academic Year: 2018-2019



Attendance Sheet

Sr. No.	Name of Student	2/7/18	3/7/18	4/7/18	5/7/18	6/7/18	7/7/18	9/7/18	10/7/18	11/7/18	12/7/18
1.	Miss. Autade Ankita B.	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs
2.	Miss. Rohamare Aarti D.	Roll	Roll	Roll	Roll	Roll	Roll	Roll	Roll	Roll	Roll
3.	Miss. RatneBhagyashri B.	R.B	R.B	R.B	R.B	R.B	R.B	R.B	R.B	R.B	R.B
4.	Miss. Kakade Jyoti B.	kal	kal	kal	kal	AB	kal	kal	kal	kal	kal
5.	Mr. Teke Vishal Bhanudas	Teke V.B	AB	Teke V.B	Teke V.B	Teke V.B	Teke V.B	Teke V.B	Teke V.B	Teke V.B	Teke V.B
6.	Mr. Gage Vishal Sunil	GV	GV	GV	GV	GV	AB	GV	GV	GV	GV
7.	Mr. Musale Rohan R.	MR	MR	MR	MR	MR	MR	MR	MR	AB	MR
8.	Mr. Ghare Nilesh H.	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH
9.	Miss. Autade Pallavi B.	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA
10.	Miss. Pandore Vaishnavi R.	VR	VR	VR	VR	VR	VR	VR	VR	VR	VR
11.	Miss. Bhansali Samrudhi R.	Bansali	Bansali	Bansali	Bansali	Bansali	Bansali	Bansali	Bansali	Bansali	Bansali
12.	Miss. Bornare Aishwarya M.	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
13.	Mr. Bhote Sanket Vijay	V.B	V.B	V.B	V.B	V.B	V.B	V.B	V.B	V.B	AB
14.	Miss. Thorat Swati Parsaram	DS	AB	DS	DS	AB	DS	DS	DS	DS	DS
15.	Miss. Badhe Resham Shyam	R.S	R.S	R.S	R.S	R.S	R.S	R.S	R.S	R.S	R.S
16.	Miss. Kakade Swati N.	K.Swati	K.Swati	K.Swati	K.Swati	K.Swati	K.Swati	K.Swati	K.Swati	K.Swati	K.Swati
17.	Miss. Chaudhari Ashwini R.	ACR	ACR	ACR	ACR	ACR	AB	ACR	AB	ACR	ACR
18.	Mr. Khade Minnath C.	KMC	KMC	KMC	KMC	KMC	KMC	KMC	KMC	KMC	KMC
19.	Miss. Khairnar Pratiba P.	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba
20.	Mr. Wagh Shubham Ashok	SW	AB	SW	SW	SW	SW	SW	SW	AB	SW
21.	Miss. Ghuge Rohini Madan	RG	RG	RG	RG	AB	RG	RG	RG	RG	RG
22.	Miss. Borude Monali N.	BN	BN	BN	AB	BN	BN	AB	BN	BN	BN



Sr. No.	Name of Student	13/7/18	14/7/15	16/7/18	17/7/18	18/7/18	19/7/18	20/7/18	21/7/18	23/7/18	25/7/18
1.	Miss. Autade Ankita B.	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
2.	Miss. Rohamare Aarti D.	Rohamare	Rohamare	Rohamare	Rohamare	Rohamare	Rohamare	Rohamare	Rohamare	Rohamare	Rohamare
3.	Miss. Ratne Bhagyashri B.	Ratne	Ratne	Ratne	Ratne	Ratne	Ratne	Ratne	Ratne	Ratne	Ratne
4.	Miss. Kakade Jyoti B.	Kakade	Kakade	Kakade	AB	Kakade	Kakade	Kakade	AB	Kakade	Kakade
5.	Mr. Teke Vishal Bhanudas	Teke V.B	Teke V.B	Teke V.B	Teke V.B	Teke V.B	Teke V.B	Teke V.B	AB	Teke V.B	Teke V.B
6.	Mr. Gage Vishal Sunil	Gage	Gage	Gage	Gage	Gage	Gage	Gage	Gage	Gage	Gage
7.	Mr. Musale Rohan R.	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale
8.	Mr. Ghare Nilesh H.	Ghare	Ghare	Ghare	Ghare	Ghare	Ghare	Ghare	Ghare	Ghare	Ghare
9.	Miss. Autade Pallavi B.	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
10.	Miss. Pandore Vaishnavi R.	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
11.	Miss. Bhansali Samrudhi R.	Bhansali	Bhansali	Bhansali	Bhansali	Bhansali	Bhansali	Bhansali	Bhansali	Bhansali	Bhansali
12.	Miss. Bornare Aishwarya M.	Aishwarya	Aishwarya	AB	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
13.	Mr. Bhote Sanket Vijay	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket
14.	Miss. Thorat Swati Parsaram	Swati	Swati	Swati	Swati	Swati	Swati	AB	Swati	Swati	Swati
15.	Miss. Badhe Resham Shyam	Resham	Resham	Resham	Resham	Resham	Resham	Resham	Resham	Resham	Resham
16.	Miss. Kakade Swati N.	Kakade	Kakade	Kakade	Kakade	Kakade	AB	Kakade	Kakade	Kakade	Kakade
17.	Miss. Chaudhari Ashwini R.	Ashwini	Ashwini	Ashwini	AB	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
18.	Mr. Khade Minnath C.	Minnath	Minnath	Minnath	Minnath	Minnath	Minnath	Minnath	Minnath	Minnath	Minnath
19.	Miss. Khairnar Pratiba P.	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba	Pratiba	AB	Pratiba	Pratiba	Pratiba
20.	Mr. Wagh Shubham Ashok	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
21.	Miss. Ghuge Rohini Madan	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini
22.	Miss. Borude Monali N.	Monali	Monali	Monali	AB	Monali	Monali	Monali	Monali	Monali	Monali

Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon
Department of Chemistry and Research Centre
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Academic Year: 2018-2019



[Marks: 40]

[Time: 2 hours]

Q.1) Choose the correct alternatives of the following.

(16 M)

- 1) Following gas is not used as a carrier gas in GC.
a. Hydrogen b. Nitrogen c. Chlorine d. Helium
- 2) When stationary phase is silica gel and mobile phase is nitrogen then the chromatographic technique is called as-----.
a. GLC b. GSC c. TLC d. LLC
- 3) Retention time is characteristic property of -----.
a. stationary phase b. mobile phase c. carrier gas d. sample components
- 4) The column in HPLC is made of ----- or ----- to withstand high temp.
a. heavy glass, stainless steel b. fused silica, polymeric material c. thick glass, copper metal
d. Al metal, stainless steel
- 5) A ----- detector is expected to sense all the constituents of the sample.
a. selective b. universal c. UV d. FID
- 6) Out of the following detector ----- is a detector used in HPLC.
a. TCD b. Refractive Index Detector c. Flame Ionisation Detector d. G.M. Counter
- 7) For basic compound the adsorbent used is
a. silica gel b. alumina c. limestone
- 8) An ----- in temp. decreases the analysis time for most mobile phase.
a. reduction b. increase c. decrease d. a steady state

Q.2) State True or False. (10M)

1. In GSC the separation of volatile or gaseous substance occurs by partitioning a sample between a mobile gas phase and a solid.
2. Retention time is used for the quantitative understanding of the sample.
3. Thermal conductivity detector is more sensitive than flame ionization detector.
4. Electron capture detector is not sensitive to the molecules containing electronegative atom.
5. In HPLC moderate pressure pump is used.
6. The column used in HPLC is usually made of thin-walled glass or copper metal tubing.
7. UV detector is most commonly used detector in HPLC.
8. SFC is a combination of gas and liquid chromatography.
9. The principle of TLC and paper chromatography is the same.
10. Two dimensional chromatography is specially suitable when R_f values are very close.

Q.3) Answer the following

(14M)

1. Write a note on advantages and disadvantages of TLC.
2. Mention different detector used in GC.
3. Give three important applications of HPLC.
4. Give the advantages of gas chromatography (GC).
5. List the various types of detectors used in HPLC.
6. Discuss the comparison between HPLC and GLC.
7. What is the stationary and mobile phase in thin layer chromatography?



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon
Industrial Inplant Training Programme

Students Marklist

YEAR - 2018-19

Sr. No.	Name of Student	Internal (out of 40)	Oral (Out of 10)	Total (Out of 50)
1.	Miss. Autade Ankita Blasaheb	31	5	36
2.	Miss. Rohamare Aarti Deepak	32	6	38
3.	Miss. Ratne Bhagyashri Bhaskar	28	7	35
4.	Miss. Kakade Jyoti Bhanudas	27	6	33
5.	Mr. Teke Vishal Bhanudas	25	7	32
6.	Mr. Gage Vishal Sunil	29	8	36
7.	Mr. Musale Rohan Ramnath	30	7	37
8.	Mr. Ghare Nilesh Haribhau	33	5	38
9.	Miss. Autade Pallavi Babasheb	26	6	32
10.	Miss. Pandore Vaishnavi Rajendra	25	6	31
11.	Miss. Bhansali Samruddhi Rajendra	22	5	27
12.	Miss. Bornare Aishwarya M.	24	7	31
13.	Mr. Bhote Sanket Vijay	34	8	42
14.	Miss. Thorat Swati Parsaram	31	6	37
15.	Miss. Badhe Resham Shyam	30	7	37
16.	Miss. Kakade Swati Nanasheb	29	6	35
17.	Miss. Chaudhari Ashwini Rajendra	28	8	36
18.	Mr. Khade Minnath Changdev	27	9	36
19.	Miss. Khairnar Pratiba Punjari	29	6	35
20.	Mr. Wagh Shubham Ashok	33	7	40
21.	Miss. Ghuge Rohini Madan	31	8	39
22.	Miss. Borude Monali Narayan	30	8	38


Dr. Satish B. Katar
Head
Department of Chemistry
K. J. Somaiya College, Kopargaoon



Kopergaon Taluka Education Society's



K. J. Somaiya College of Art's, Commerce and Science, Kopergaon
Department of Chemistry MOU with Godavari Biorefineries Limited, Sakarawadi

Activity Report 2018-19

-
- K. J. Somaiya College of Art's, Commerce & Science, Kopergaon for its well-known student-oriented activities.
 - Chemistry department of K. J. Somaiya College every year organize the **'Industrial In-plant Training Programme'** in collaboration with Godavari Biorefineries Limited Sakarawadi for the students of chemistry department; since 2015.
 - For the academic year 2018-19 the training programme was carried out from **29th November to 12th December 2018**.
 - This training programme was successfully completed by twenty-two students; twelve fifteen girls and seven boys were participated.
 - In this training programme the students were visit the different units of the Godavari Biorefineries Plant. They get the actual knowledge of production of different chemicals, their purification, storage and transport methods. The students visited the R & D lab of the plant.
 - The students visited the ETP plant (Effluent Treatment Plant). In this visit they actually know how the unwanted and hazardous chemicals are removed, what are the different methods used in this removal of effluents and much more.

Dr. Satish B. Kale
Head
Department of Chemistry
K. J. Somaiya College, Kopergaon

Principal
K. J. Somaiya College of Arts,
Commerce & Science, Kopergaon



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science

Mohanirajnagar, Kopargaon-423601, Dist: Ahmednagar, Maharashtra

*** NAAC Reaccredited 'A' Grade * * An ISO 9001:2015 Certified Institute***



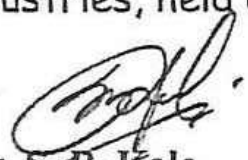
Industrial Inplant Training Programme

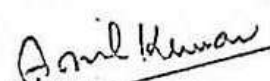
Jointly Organized By

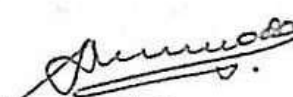
Department of Chemistry & Godavari Biorefineries Limited

Certificate of Participation

This is to certify that Ms/ Mr. *Wagh Shubham Ashok* has actively undergone *Industrial Inplant Training Programme* from 29.11.2018 to 10.12.2018 jointly organized by the Department of Chemistry, K. J. Somaiya College, Kopargaon and Somaiya Group of Industries, held at Godavari Biorefineries Limited, Sakarwadi, Kopargaon.


Dr. S. B. Kale
Head, Dept. of Chemistry


Mr. Anil Kumar
G. M., GBL


Mr. S. Mohan
Director, GBL


Dr. B. S. Yadav
Principal

