

SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR

DEPARTMENT OF CHEMISTRY

Certificate Course in Advanced Diploma in Industrial Chemistry

Under the Aegis of

Centre for Excellence and Innovation

Academic Year: 2018 - 2019

Prof. Mahesh Deshmukh CFEI - Chairman

Dr. Kiran Save Principal

Certificate Course in Advanced Diploma in Industrial Chemistry Report 2018-2019

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Certificate course in Advanced Diploma in Industrial Chemistry

Duration: 140 hours

Features of the course:

Specially designed to give hands on training of sophisticated instruments used in

industries

Delivered by experts from the industry and experience faculties.

• Covered various processes used in quality control lab of pharmaceutical industries.

Objective:

To learn various processes and terminology used in QC lab of pharmaceutical industries.

To learn fundamental principle, theories of various sophisticated instruments.

• To develop skills of handling various analytical instruments.

To understand the basic calculations required in instrumental operation and preparation

of solutions.

• To explore proper record keeping in laboratory.

Eligibility:

Pass B.Sc. Chemistry

MEMORANDUM OF UNDERSTANDING WITH LUPIN HUMAN WELFARE RESEARCH FOUNDATION





MEMORANDUM OF UNDERSTANDING

For

ADVANCED DIPLOMA IN INDUSTRIAL CHEMISTRY

Between

Sonopant Dandekar Shikshan Mandali's SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE, M.H.MEHTA SCIENCE, COLLEGE, PALGHAR

And

LUPIN HUMAN WELFARE RESEARCH FOUNDATION

DRAFT MEMORANDUM OF UNDERSTANDING (MOU)

Between

Sonopant Dandekar Shikshan Mandali's

SONOPANT DANDEKAR ARTS, VAMAN SHRIDHAR APTE COMMERCE, M.H. MEHTA SCIENCE COLLEGE, PALGHAR [PARTY OF THE FIRST PART]

And

LUPIN HUMAN WELFARE AND RESEARCH FOUNDATION (LHWRF) [PARTY OF THE SECOND PART]

This MEMORANDUM OF UNDERSTANDING between Sonopant Dandekar Shikshan Mandali's Sonopant Dandekar Arts, Vaman Shridhar Apte Commerce, M.H. Mehta Science College, Palghar, herein after called as "PARTY OF THE FIRST PART" and Lupin Human Welfare and Research Foundation (LHWRF) herein after called "PARTY OF THE SECOND PART".

Advanced diploma in industrial Chemistry

PURPOSE & SCOPE

The purpose of this MOU is to clearly identify the roles and responsibilities of each PARTY of the first parts they relate to a certified course named "ADVANCED DIPLOMA IN INDUSTRIAL CHEMISTRY".

In particular, this MOU is intended to:

The objective of this MOU is to express the willingness of both parties to engage in an effort to start a Postgraduate Diploma in Industrial Chemistry by collaborative activities in the areas of Training, education to enhance safe and effective operations in chemical industries and applied research.

II. GENERAL TERMS OF MOU

2.1 PROGRAM HIGHLIGHTS:

- Tremendous career opportunities in the Pharmaceutical or Chemical Industry with lucrative Salaries.
- Excellent growth prospects, Industry-focused curriculum.
- Internships and practical experience opportunities in various industries and research labs.

2.2 METHOD OF DELIVERY:

Theory Lectures through presentations

Workshops / Assignments / Expert Guest lectures,

A clear presentation of training objectives at the beginning of each session Soft skill development programs - Exploration of personal attitudes.

Hand on training on each and every instrument.

ELIGIBILITY:

2nd& 3rdyear B.Sc. / M.Sc. Chemistry, Botany, Biochemistry, Microbiology, Life Science, Zoology, Biotechnology, Bachelor of Pharmacy, Master of Pharmacy, with minimum 50% marks.

RESOURCES:

Well-equipped lab, Library, industrial resource persons.

EVALUATION:

Continuous Evaluation during the course theory as well as practicals.

EXAMINATIONS:

Seminars, Interim exams, Viva, Practical's and Final examinations

Advanced diploma in industrial Chemistry

III. [PARTY OF THE FIRST PART] RESPONSIBILITIES AND OBLIGATIONS UNDER THIS MOU Shall undertake the following activities:

- ✓ The PARTY of the first part agrees to provide rent free infrastructure facilities inclusive of the required premises, electrification, and water facility.
- ✓ The PARTY of the first part further agrees to appoint required faculty members and supporting staff to conduct the said course from the college.
- ✓ The PARTY of the first part agrees to promote and propagate the said course to the students studying in the college.
- ✓ The PARTY of the first part shall maintain record of the students enrolled in the said course.
- ✓ The PARTY of the first part agrees to evaluate the students studying in the said course.
- ✓ The PARTY of the first part will collect the necessary course fees from the students.

IV. [PARTY OF THE SECOND PART] RESPONSIBILITIES AND OBLIGATIONS UNDER THIS MOU Shall undertake the following activities:

The PARTY of the Second part agrees to donate necessary instruments including necessary software's required for the said course.

The maintaining and repairing of the instruments shall always be of *The PARTY of the Second part*.

The PARTY of the Second part agrees to provide experts and technical support to conduct the instrumentation course.

The PARTY of the Second part further agrees to provide the samples and specialists chemicals necessary for experimental work.

The PARTY of the Second part will train faculty members and the supporting staff of the Chemistry Department of the college to work on instrumentations.

V. IT IS MUTUALLY UNDERSTOOD AND AGREED BY AND BETWEEN THE PARTIES THAT:

- 1. Modification
- 2. Termination

FUNDING

This MOU does (does not) include the reimbursement of funds between the two parties.

VII. EFFECTIVE DATE AND SIGNATURE

This MOU is hereby signed and sealed by the respective parties hereto on this 19th Day of November 2015 at Palghar.

In the presence of,

ADV. G. D. TIWARI

President,

Sonopant Dandekar Shikshan Mandali, Palghar.

19th November 2015

Vice-President Lupin Human Welfare & Research Foundation, Tarapur, Boisar. 19th November 2015

SYLLABUS



SYLLABUS FOR ADVANCED
DIPLOMA IN INDUSTRIAL CHEMISTRY
PROGRAM: INSTRUMENTAL ANALYSIS

COURSE: QUALITY CONTROL &

QUALITY ASSURANCE



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07.	Wet Chemistry
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09.	Basic Techniques
10.	General
11.	Calibration
12.	Qualification
13.	Hold Time / Stability Testing.

ATTENDANCE REPORT

Sr No	Student Name	25-06- 2018	26-06- 2018	27-06- 2018	28-06- 2018	29-06- 2018
1	Prajapati Bhumika Jitesh	Р	Р	Р	P	P
2	Prajapat Pragati Vinod Jyotsana	Р	Р	Р	Р	P
3	Pande Suraj Sanjay	Р	Р	Р	P	P
4	Shaikh Sufiyana Rafiq	Р	Р	Р	P	P
5	More Sahil Nitin	Р	Р	Р	Р	P
6	Chauhan Priyanka Munna	Р	Р	Р	P	P
7	Kansara Zarna Rajesh	Р	Р	Р	P	P
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	P
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Α	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р	Р	Р
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р	А	Р
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Р	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р



Sr No	Student Name	30-06-	02-07-	03-07-	04-07-	05-07-
1	Duning and Discourse the Attended	2018	2018	2018	2018	2018
1	Prajapati Bhumika Jitesh	Р	Р	Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	Р	P	Р	Р	Р
3	Pande Suraj Sanjay	Р	Р	Р	Р	Р
4	Shaikh Sufiyana Rafiq	P	Р	Р	Р	Р
5	More Sahil Nitin	Р	Р	P.	Р	P
6	Chauhan Priyanka Munna	Р	P	Α	Р	Р
7	Kansara Zarna Rajesh	Р	Р	P	Р	Р
8	Mhatre Rutuja Vilas	, P	Р	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Р	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р	Р	Р
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Α	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р	Р	Р
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	,P	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Α	Α	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р	Р	Α
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р



Sr No	Student Name	06-07- 2018	07-07- 2018	09-07- 2018	10-07- 2018	11-07- 2018
1	Prajapati Bhumika Jitesh	Р	Р	Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	Р	Р	Р	P	Р
3	Pande Suraj Sanjay	Р	Р	Р	Р	P
4	Shaikh Sufiyana Rafiq	Р	Р	P	Р	Р
5	More Sahil Nitin	P	Р	Р	Р	Р
6	Chauhan Priyanka Munna	Р	Р	Р	Р	Р
7	Kansara Zarna Rajesh	P	P	Р	Р	Р
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Р	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р	Р	Р
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	P	Р	Р	Α
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Р	Р	Р	Р
21	Sarfare Dipika Mangesh	P	Р	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р

Dr. Shirish Ditalo



Sr No	Student Name	12-07- 2018	13-07- 2018	14-07- 2018	16-07- 2018	17-07- 2018
1	Prajapati Bhumika Jitesh	Р	Р	Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	- Р	Р	Р	Р	Р
3	Pande Suraj Sanjay	Р	P	Р	- Р	Р
4	Shaikh Sufiyana Rafiq	Ρ,	Р Р	Р	P	Р
5	More Sahil Nitin	Α	Р	Р	- Р	P
6	Chauhan Priyanka Munna	Р	Р	Р	Ρ΄	P
7	Kansara Zarna Rajesh	Р	Р	Р	Р	P .
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Р	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р	Α	A
12	Lade Ashwini Ganesh	P	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р	Р	Р
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Р	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р

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Dr. Shirish Pitale HOD - Chemistry



Sr No	Student Name	18-07- 2018	19-07- 2018	20-07- 2018	21-07- 2018	23-07- 2018
1	Prajapati Bhumika Jitesh	P	Р	Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	Р	Р	Р	Р	Р
3	Pande Suraj Sanjay	Р	Р	P	Р	Р
4	Shaikh Sufiyana Rafiq	Р	Р	Р	Р	Р
- 5	More Sahil Nitin	Р	Р	Р	Р	Р
6	Chauhan Priyanka Munna	Р	Р	Р	Р	Р
7	Kansara Zarna Rajesh	Р	Р	Р	Р	Р
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Р	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р	P	Р
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	Р	Р
. 14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Α	Α	Р	Р	Р
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Р	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	P	Р	P



Sr No	Student Name	24-07- 2018	25-07- 2018	26-07- 2018	27-07- 2018	28-07- 2018
1	Prajapati Bhumika Jitesh	Α	Р	- Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	Р	P	: P	Р	Р.
3	Pande Suraj Sanjay	Ρ .	. Р	Р	Р	Р
4	Shaikh Sufiyana Rafiq	Р	Р	Р	Р	Р
5	More Sahil Nitin	Р	P	Р	Р	Р
6	Chauhan Priyanka Munna	Р.	Р	Р	Р	Р
7	Kansara Zarna Rajesh	Р	Р	Р	Р	Р
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	Α
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Ρ.	Р	P.
11	Raut Sagarika Bharat	Р	P	Р	Р	Р
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Ρ.	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	, р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р	Р	Р
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Α	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р



Sr No	Student Name	30-07-	31-07-	01-08- 2018	02-08- 2018	03-08- 2018
		2018	2018			
1	Prajapati Bhumika Jitesh	Р	Р	Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	Р	P P	Р	Р	Р
3	Pande Suraj Sanjay	Р	P	Р	Р	Р
4	Shaikh Sufiyana Rafiq	Р	Р	Р	P	P
5	More Sahil Nitin	Р	Р	P	Р	Р
6	Chauhan Priyanka Munna	Р	Р	Р	Р	Р
7	Kansara Zarna Rajesh	Р	Р	Р	Р	Р
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Р	Р	Р
11	Raut Sagarika Bharat	P	Р	Р	Р	Α
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	P	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р	Р	Р
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Р	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р

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Dr. Shirish Pitale HOD - Chemistry



Sr No	Student Name	04-08- 2018	06-08- 2018	07-08- 2018	08-08- 2018	09-08- 2018
1	Prajapati Bhumika Jitesh	Р	Р	Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	Р	Р	Р	Р	Р
3	Pande Suraj Sanjay	Р	Р	Р	Р	Р
4	Shaikh Sufiyana Rafiq	Р	Р	P	Р	Р
5	More Sahil Nitin	Р	Р	Р	Р	Р
6	Chauhan Priyanka Munna	Р	Р	Р	Р	Р
7	Kansara Zarna Rajesh	Р	Р	Р	Р	Р
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Α
10	Prajapati Sonali Dilip	Р	Р	Р	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р	Р	Р
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р	Р	Р
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Р	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	Р	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р



Sr No	Student Name	10-08- 2018	11-08- 2018	13-08- 2018	14-08- 2018	16-08- 2018
1	Prajapati Bhumika Jitesh	Р	Р	Р	Р	P
2	Prajapat Pragati Vinod Jyotsana	Р	Р	Р	P	P
3	Pande Suraj Sanjay	Р	Р	Р	Р	P
4	Shaikh Sufiyana Rafiq	Р	Р	Р	P	P
5	More Sahil Nitin	Р	А	Р	Р	P
6	Chauhan Priyanka Munna	Р	Р	Р	Р	<u>Р</u>
7	Kansara Zarna Rajesh	Р	Р	Р	Р	Р
8	Mhatre Rutuja Vilas	Р	Р	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р	Р	Р
10	Prajapati Sonali Dilip	Р	Р	Р	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р	Р	Р
12	Lade Ashwini Ganesh	Р	Р	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р	Р	Р
16	Bavkar Neha Nilesh	Р	Р	Р	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р	Р	Α
18	Dhere Komal Jalindar	Р	Р	Р	Р	Р
19	Tandel Varun Narottam	Р	Р	Р	Р	Р
20	Naik Manish Bandu	Р	Р	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Α	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	P	Р	Р	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р	Р	Р

Dr. Shirish Pitale

HOD - Chemistry



Sr No	Student Name	18-08- 2018	20-08- 2018	27-08- 2018
1	Prajapati Bhumika Jitesh	Р	Р	Р
2	Prajapat Pragati Vinod Jyotsana	Р	Р	P
3	Pande Suraj Sanjay	Р	Р	Р
4	Shaikh Sufiyana Rafiq	Р	Р	Р
5	More Sahil Nitin	Р	Р	Р
6	Chauhan Priyanka Munna	Р	Р	Р
7	Kansara Zarna Rajesh	Р	Р	Р
8	Mhatre Rutuja Vilas	Р	Р	Р
9	Lokhande Riya Kamlakar	Р	Р	Р
10	Prajapati Sonali Dilip	P	Р	Р
11	Raut Sagarika Bharat	Р	Р	Р
12	Lade Ashwini Ganesh	Р	Р	Р
13	Pal Rani Thakurprasad	Р	Р	Р
14	Gharat Kajol Sandeep	Р	Р	Р
15	Pimple Manashri Rajendra	Р	Р	Р
16	Bavkar Neha Nilesh	P	Р	Р
17	Tandel Ankurkumar Mohan Bhai	Р	Р	Р
18	Dhere Komal Jalindar	P	Р	Р
19	Tandel Varun Narottam	P	Р	Р
20	Naik Manish Bandu	Р	Р	Р
21	Sarfare Dipika Mangesh	Р	Р	Р
22	Deshmukh Pratiksha Shivajirao	P	Р	Р
23	Sokhi Harpreet Kaur Darshansingh	Р	Р	Р

Dr. Shirish Pitale

HOD - Chemistry



LEARNING OUTCOME

<u>Certification:</u> Certificate will be provided on the basis of practical examination.

Mr. Deepesh Gharat – Manager, QA, Lupin Limited, Tarapur

Learning outcome

- Students will observe safe practices in the laboratory and will know how to respond in an emergency.
- They will learn to gather hazardous materials information and will recognize and respond properly to potential hazards of handling chemicals and chemical waste.
- Students will be able to design and execute an experimental procedure, work independently, interpret experimental results, and draw a reasonable, accurate conclusion.

SUMMARY REPORT

Advanced Diploma in Industrial Chemistry covers a range of subjects related to industrial

chemistry, including organic chemistry, inorganic chemistry, physical chemistry, analytical

chemistry, and laboratory techniques. A significant emphasis was placed on practical training

and laboratory work. Students had an access to well-equipped laboratories where they

performed experiments, analyze samples and learn various techniques used in industry.

The course aims to equip students with the skills and knowledge required to work in the

industrial sector. This includes understanding chemical processes, safety protocols, quality

control measures, and environmental regulations. The program offers opportunities for

industrial visits. This allowed students to gain real-world exposure to industrial settings, observe

chemical processes in action, and apply their theoretical knowledge in practical scenarios.

In addition to technical knowledge, the course focused on developing essential soft skills such

as communication, teamwork, critical thinking, and problem-solving. Students were assessed

through a combination of practical exams, written assignments, laboratory reports and

performance.

Course Commencement: 25/06/2018

Course Completion: 27/08/2018

Number of students enrolled for the course: 23

Number of students completed the course: 23

Duration of the course: 140 hours

Dr. Shirish Pitale

HOD - Chemistry

ACTION PHOTOGRAPHS



Resource Person explaining the stability techniques

FEEDBACK FROM THE STUDENTS

Sonopant Dandekar Arts, V.S. Apte Commerce and M.H. Mehta Science College, Palghar

Internal Quality Assurance Cell

Feedback Form

Advanced Diploma in Industrial Chemistry

Mention - 1, 2, 3, 4, 5 as per the given appropriate measures.

Sr.No.	Parameters	Strongly Agree 1	Agree 2	Neutral 3	Disagree 4	Strongly Disagree 5
1	After completing this course, my knowledge in the topic has increased.		2			
2	This course increased my interest in instrumentation.	1				
3	The instructor communicated clearly and effectively.	1				
4	The instructor encouraged feedback, class participation and interaction.	1				
5	The course started and ended on schedule.	1				
6	Course objectives were clearly presented.	1				
7	Course material was well planned.	1,				
8	The course provided easy hands on training experience.	1				



SAMPLE CERTIFICATE

