




Dr. V. P. S. S. M's  
Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon

Department of Chemical Engineering

Sr. No.	Ref No	Name of Guide/s	Names of students	Title of Project
8	CH8	Dr. P.B. Dhanke	Abid Nabirun Mulla	Chemical Conversion of Plastic Waste into Fuel by Pyrolysis Method
			Arbaj Rajendra Mullani	
			Peerjade Sakib Altaf	
9	CH9	Dr. S.B. Pawar	Sagar Namdev Pawar	1000 KG/Day Production of Citric Acid From Molasses
			Harshvardhan Mangeshkumar TatheDeshmukh	
			Amrut Sampatrao Jadhav	
			Vishwajeet Dilip Ingale	
10	CH10	Dr. P.B. Dhanke	Pratik Sharad Chavare	Plant Design of Production of Ehtylbenzene 100000 tons/ Year
			Ganesh Kakaso Kamble	
			Rushikesh Suresh Ghatage	
			Pratik Ananda Koli	
			Sujata Mahadev Patil	
11	CH11	Prof. V.S. Kore	Rohan Tukaram Pawar	Wastewater Treatment by Hydrodynamic Cavitation
			Omkar Jitendra Patil	
			Aniket Ashok Jadhav	
			Mahesh Anil Suryavanshi	
12	CH12	Dr. P.B. Dhanke	Namrata Uttamrav Patil	Decomposition of H <sub>2</sub> SO <sub>4</sub> with Hot Flue Gas (BARC project)
			Rohini Rajgonda Patil	
			Pranav Prakash Shinde	
13	CH13	Prof. S.Y. Pawar	Tejas Suresh Nalawade	Extraction of Oil from Custered Apple Seed and Preparation of Biopesticide
			Rajvardhan Amar Patil	
			Prathamesh Vaibhav Patil	
			Shital Parshram Gaikwad	
14	CH14	Prof. U.S. Patil	Sakshi Bajrang Thombare	Biosynthesis of Xanthan Gum from Xanthomonas Campestris
			Megharaj Ganesh Sarvade	
			Samarth Suraj Khude	
			Omkar Nitin Mohite	

  
H.O.D.,  
Chemical Engineering (Degree)  
P.V.P.I.T., Budhgaon.





Sr. No.	Ref No	Name of Guide/s	Names of students	Title of Project
15	CH15	Prof. V.S. Kore	Trupti Vishnu Shinde	Photocatalytic Degradation of Textile Dyes
			Muskan Javed Tamboli	
16	CH16	Dr. P.B. Dhanke	Mahesh Shankar Vhanmane	Extraction of Edible Oil from Sesame Seeds by Using Solvent Hexane and Ethanol
			Ajay Rajaram Dudhal	
			Pratik Pralhad Patil	
17	CH17	Prof. P.C. Kale	Akash Vijay Jadhav	Extraction of D-Limonene Oil from Orange Peels
			Nitish Vishwas Chougule	
			Riteshkumar Shankar Jadhav	
18	CH18	Dr. S.L. Bhagat	Pratik Shrikant Kumbhar	Design and Mechanism of Mixing Equipment (Inline Static Mixer)
			Sarvesh Sandip Patil	
			Siddharth Ramesh Pawashe	
			Sourabh Tukaram Kore	
19	CH19	Prof. S.Y. Pawar	Akshay Ramesh Awati	Design and Manufacturing of Agitators
			Aviraj Popat Nimbalkar	
20	CH20	Dr. P.B. Dhanke	Dipali Sanjay Kadam	An Experimental Analysis of Biodiesel Production from Soyabean Oil
			Aishwarya Milind Patil	

**H.O.D.,**  
**Chemical Engineering (Degree)**  
**P.V.P.I.T., Budhgaon.**



Dr. V. P. S. S. M's  
Padmabhooshan Vasanthaodada Patil Institute of Technology, Budhgaon

Department of Chemical Engineering

Sr. No.	Ref No	Name of Guide/s	Names of students	Title of Project
1	CH1	Prof. S.Y. Pawar	Abdulrahim Ishaque Khan	Aspen Plus Simulation of CO <sub>2</sub> Capture by Amines
2	CH2	Dr. S.B. Pawar	Ranjit Yuvraj Misal	1000 Lit/Day Production of Ethanol from Sweet Sorghum
			Samadhan Appa Ghutukade	
3	CH3	Prof. P.C. Kale	Ritesh Ramesh Gangdhar	Extraction of Oil from Waste Jamun Seed
			Aditya Shital Vibhute	
			Abhishek Vijay Mane	
			Abhishek Prakash Patil	
			Karan Suresh Suryawanshi	
4	CH4	Prof. P.C. Kale	Sahil Shakil Attar	Design of Equipments for Production of Aspirin
			Rohit Rajiv Joshi	
			Aniket Rangnath Mahind	
			Onkar Sanjay Kore	
5	CH5	Dr. S.L. Bhagat	Saklen Fakir	Plant Design of Production of Ethanol from Sugarcane
			Mahesh Laxman Kalkundrikar	
			Nikhil Mallewade	
			Prathamesh Vikas Patil	
6	CH6	Dr. S.L. Bhagat	Hanmant Dada Shendage	Study of Liquid Phase Catalytic Exchange Reaction Based on the Pt/C/PTFE Catalyst (at BARC, Mumbai)
			Pranav Khandu Nirmal	
			Vaibhav Dipak Phadatare	
7	CH7	Dr. P.B. Dhanke	Poonam Balasaheb Maske	Application of Power BI (Business Intelligence)

*S.B.S.*  
H.O.,  
Chemical Engineering (Degree)  
P.V.P.I.T., Budhgaon.



YEAR 2023-24

**CERTIFICATE**

ACADEMIC YEAR 2021-22

This is to certify that the <sup>Project</sup> ~~seminar~~ work entitled

"AN EXPERIMENTAL ANALYSIS OF  
BIODIESEL PRODUCTION FROM SOYABEAN OIL"

Is an authentic work carried out by

DIPALI SANJAY KADAM . PRN NO.2062691507007  
AISHWARYA MILIND PATIL PRN NO.2162691507523

During the prescribed period. This report is submitted  
In partial fulfillment of the requirements for the award of

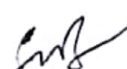
**BACHLEOR OF TECHNOLOGY IN CHEMICAL**  
**Dr. Babasaheb Ambedkar Technological University Lonere**

  
**Prof. P.B.DHANKE**

(Guide)

Dept. of Chemical Engineering

P.V.P.I.T., Budhgaon

  
**Prof. Sanjay Bhagat**

Head, Dept. of Chemical Engg.

P.V.P.I.T ,Budhgaon

  
**Prof.B.S.Patil**

Principal P.V.P.I.T

# *CERTIFICATE*

ACADEMIC YEAR 2023-2024

*This is to certify that the project work entitled*  
**“DESIGN AND MANUFACTURING OF AGITATORS”**

*is an authentic work carried out by*

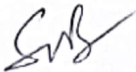
**Mr. AKSHAY RAMESH AWATI (PRN: T202162691507004)**

**Mr. AVIRAJ POPAT NIMBALKAR (PRN: T202162691507006)**

*during the prescribed period. This report is submitted*  
*in partial fulfillment of the requirements for the award of*  
**BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING**  
*of Dr. Babasaheb Technological University, Lonere, Tal-Mangaon,*  
*Dist- Raigad, Maharashtra.*



**Prof. S.Y. Pawar**  
(Internal Guide)  
Dept. of Chemical Engg.  
P.V.P.I.T., Budhgaon



**Dr. S.L. Bhagat**  
Head, Dept. of Chemical Engg.  
P.V.P.I.T., Budhgaon



**Dr. B.S. Patil**  
Principal,  
P.V.P.I.T., Budhgaon

# CERTIFICATE

ACADEMIC YEAR 2023-24

This is to certify that the project work entitled  
“Design and Mechanism of Mixing Equipment  
(Inline static mixer)”

*Is an authentic work carried out by*

Sarvesh Sandip Patil.	T2062691507025
Pratik Shrikant Kumbhar.	T2062691507016
Sourabh Tukaram Kore.	T2062691507027
Siddharth Ramesh Pawashe.	T2062691507038

During the prescribed period. This report is submitted  
in partial fulfillment of the requirements for the award of

**BACHELOR OF TECHNOLOGY IN CHEMICAL  
ENGINEERING.**

Dr. Babasaheb Ambedkar Technological University  
Lonere.



**Dr. S. L. Bhagat.**  
(Guide)

Head Dept. of Chemical Engineering  
P.V.P.I.T., Budhgaon.



**Dr. B. S. Patil.**  
Principal  
P.V.P.I.T, Budhgaon.



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF  
TECHNOLOGY, BUDHGAON**

**DEPARTMENT OF CHEMICAL ENGINEERING**

**CERTIFICATE**

**This is to certify that the project report entitled  
EXTRACTION OF D-LIMONENE OIL FROM ORANGE PEELS "**

Has been successfully completed by

NAME OF STUDENTS	PRNNO.
RITESHKUMAR SHANKAR JADHAV	2162691507502
AKASH VIJAY JADHAV	2162691507527
NITISH VISHWAS CHOUGULE	2162691507535

To DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,  
LONERE in partial fulfilment for the award of the degree of **B. TECH in Chemical Engineering** is a Bonafide record of project work carried out by him/her under my supervision. The content of this report in full in parts, have not been submitted to any other institution or university for the award of any degree.

**Prof. P.C. Kale  
(Guide)**

**Dr. S.L. Bhagat  
(H.O.D.)**

**Dr. B. S. Patil  
(Principal)**

Dr.V.P.S.S.M's  
PADMABHOOSHAN VASANTRAODADA PATIL  
INSTITUTE OF TECHNOLOGY, BUDHGAON  
(SANGLI).  
YEAR 2023-24

**CERTIFICATE**



This is certify that, this project report entitled

**“EXTRACTION OF EDIBLE OIL FROM  
SESAME SEEDS BY USING SOLVENT  
HEXANE AND ETHANOL”**

Submitted during the academic year 2023-24

Mr. MAHESH SHANKAR VHANAMNE

PRN. No (2162691507501)

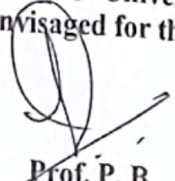
Mr. PRATIK PRALHAD PATIL

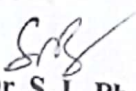
PRN. No (2162691507522)

Mr. AJAY RAJARAM DUDHAL


PRN. No (2062691507036)

Students of B. Tech, in partial fulfilment of the degree in Chemical Engineering of DBATU University Lonere, is found to be satisfactory and up to the standard envisaged for the level of course.

  
Prof. P. B.  
Dhanke  
(Guide)

  
Dr. S. L. Bhagat

(H.O.D)

  
Dr. B.S.PATIL

(Principal)



# CERTIFICATE

ACADEMIC YEAR 2023 -2024

*This is to certify that the project work entitled*  
"PHOTOCATALYTIC DEGRADATION OF TEXTILE DYES"  
*is an authentic work carried out by*

**Miss.Muskan Javed Tamboli (T2062691507030)**

**Miss. Trupti Vishnu Shinde (T2062691507034)**

*during the prescribed period. This report is submitted*  
*in partial fulfillment of the requirements for the award of*  
**BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING**  
*of*  
*Dr. Babasaheb Technological University, Lonere, Tal-Mangaon,*  
*Dist- Raigad, Maharashtra.*



**Prof. V.S.Kore**

Dept. of Chemical Engg.

P.V.P.I.T., Budhgaon



**Dr. S.L. Bhagat**

Head, Dept. of Chemical Engg.

P.V.P.I.T., Budhgaon



**Dr. B.S. PATIL**

Principal,

P.V.P.I.T., Budhgaon

# CERTIFICATE

ACADEMIC YEAR 2023-24

*This is to certify that the project work entitled*

**“Biosynthesis of Xanthan Gum from Xanthomonas campestris”**

*Is an authentic work carried out by*

Sakshi Bajrang Thombare. (T2162691507512)

Samart Suraj Khude. (T2162691507509)

Omkar Nitin Mohite. (T2162691507508)

Megharaj Ganesh Saravade.(T2162691507533)

During the prescribed period. This report is submitted  
In partial fulfillment of the requirements for the award of  
BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING

Dr. Babasaheb Ambedkar Technological University, Lonere

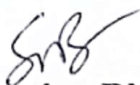


**Prof. U.S.Patil.**

(Guide)

Dept. of Chemical Engineering

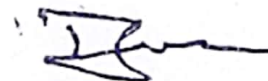
P.V.P.I.T., Budhgaon



**Prof. Sanjay Bhagat**

Head, Dept. of Chemical Engg.

P.V.P.I.T ,Budhgaon



**Dr. B.S.Patil**

Principal P.V.P.I.T

P.V.P.I.T ,Budhgaon

# CERTIFICATE

ACADEMIC YEAR 2023-24

This is to certify that the project work entitled

"EXTRACTION OF OIL FROM CUSTERED APPLE  
SEEDS AND PREPARATION OF BIOPESTICIDE"

Is an authentic work carried out by

TEJAS SURESH NALAWADE

PRN NO. - 2062691507028

RAJVARDHAN AMAR PATIL

PRN NO. - 2062691507018

PRATHAMESH VAIBHAV PATIL

PRN NO. -2062691507032

SHITAL PARASHRAM GAIKWAD

PRN NO. - 2062691507026

During the prescribed period. This report is submitted In  
partial fulfillment of the requirements for the award of

**BACHELOR OF TECHNOLOGY IN CHEMICAL**

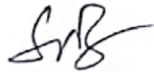
**Dr. Babasaheb Ambedkar Technological University, Lonere**



**Prof. S.Y. Pawar (Guide)**

Dept. of Chemical Engineering

P.V.P.I.T, Budhgaon



**Dr. S.L. Bhagat**

Head, Dept. of Chemical Engg

P.V.P.I.T, Budhgaon



**Dr. B.S. Patil**

Principal

P.V.P.I.T, Budhgaon

# *CERTIFICATE*

ACADEMIC YEAR 2023-24

*This is to certify that the project work entitled*  
**“Decomposition of H<sub>2</sub>SO<sub>4</sub> with Hot Flue Gas”**

*is an authentic work carried out by*

**Ms. Namrata Uttamrao Patil (PRN:2062691507010)**

**Mr. Pranav Prakash Shinde (PRN:2062691507014)**

**Ms. Rohini Rajgonda Patil (PRN:2062691507033)**

*during the prescribed period. This report is submitted*

*in fulfillment of the requirements for the award of*

**BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING**

*of Dr. Babasaheb Technological University, Lonere, Tal-Mangaon,*

*Dist- Raigad, Maharashtra.*



**Prof. S.Y. Pawar**

(Co- Guide)

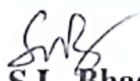
Dept. Of Chemical Engg



**Prof. P.B.Dhanke**

(Internal Guide)

Dept. Of Chemical Engg



**Dr. S.L. Bhagat**

(Head, Dept. Of Chemical Engg.)

P.V.P.I.T., Budhgaon



**Dr. B. S. Patil**

(Principal)

P.V.P.I.T., Budhgaon

Dr.V.P.S.S.M's  
PADMABHOOSHAN VASANTRAODADA PATIL  
INSTITUTE OF TECHNOLOGY, BUDHGAON  
(SANGLI).  
YEAR 2023-24

**CERTIFICATE**



This is certify that, this project report entitled

**“Wastewater Treatment by  
Hydrodynamic Cavitation”**

Submitted during the academic year 2023-24

Mr. ROHAN TUKARAM PAWAR

PRN. No (2062691507021)

Mr.OMLAR JITENDRA PATIL

PRN. No (2062691507012)

Mr.ANIKET ASHOK JADHAV


PRN. No (2062691507037)

Mr. MAHESH ANIL SURYAWANSHI

PRN. No (2162691507513)

Students of B. tech, in partial fulfilment of the degree in Chemical Engineering of DBATU University Lonere, is found to be satisfactory and up to the standard envisaged for the level of course.

  
Prof. V. S. Kore  
(Guide)

  
Dr. S. L. Bhagat  
(H.O.D)

  
Dr. B.S.PATIL  
(Principal)

## CERTIFICATE

“Plant design of production of Ethylbenzene 100000 tons / Year ”

is an authentic work called out by

**Pratik Ananda Koli (2162691507017)**

**Pratik Sharad Chavare (2162691507524)**

**Rushikesh Suresh Ghatage (216269157506)**

**Ganesh Kakaso Kamble (2162691507528)**

**Sujata Mahadev Patil ( 2162691507525)**

during the prescribed period. this report is submitted in partial fulfillment of the requirements for the award of

## BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING

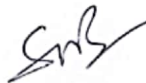
of

Dr. Babasaheb Technological University, Lonere, Tal-Mangaon, Dist- Raigad,  
Maharashtra.



**Prof. P. B. Danake**  
Guide

.Chemical Engg. Dept  
P.V.P.I.T., Budhgaon



**Dr. S. L. Bhagat**

Head of Department  
Chemical Engg Dept  
P.V.P.I.T Budhgaon

**Dr. B. S. Patil**

Principal  
P.V.P.I.T., Budhgaon



**PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF  
TECHNOLOGY, BUDHGAON**

**DEPARTMENT OF CHEMICAL ENGINEERING**

**CERTIFICATE**

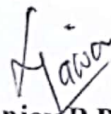
This is to certify that the project report entitled

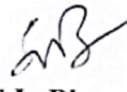
**“10000 KG/DAY PRODUCTION OF CITRIC ACID  
FROM MOLASSES”**


Has been successfully completed by

NAME OF STUDENTS	ROLL .NO	PRN. NO
AMRUT JADHAV	4048	2162691507507
SAGAR PAWAR	4046	2162691507518
VISHWAJEET INGALE	4062	2162691507517
HARSHVARDHAN TATHEDESHMUKH	4047	2162691507515

To DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,  
LONERE in partial fulfilment for the award of the degree of **B.TECH in  
Chemical Engineering** is a bonafied record of project work carried out by  
him/her under my supervision. The content of this report in fill in parts, have  
not been submitted to any other institution or university for the award of any  
degree

  
**Dr. Sanjay B. Pawar**  
(Guide)

  
**Dr. S.L. Bhagat**  
(H.O.D.)

  
**Dr. B.S. Patil**  
(Principal)

# CERTIFICATE

*This is to certify that the project work entitled*

**“APPLICATION OF POWER BI (BUSINESS INTELLIGENCE)”**

*is an authentic work carried out*

*by*

**Ms. Poonam Balasahen Maske**

**(PRN: 2062691507031)**

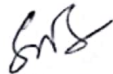
*This report is submitted in partial fulfillment of the  
requirements for the award of*

**BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING**

*of Dr. Babasaheb Technological University, Lonere*



**Prof. P. B. Dhanke**  
Dept. of Chemical Engg.  
P.V.P.I.T., Budhgaon



**Dr. S.L. Bhagat**  
Head, Dept. of Chemical Engg.  
P.V.P.I.T., Budhgaon



Principal,  
P.V.P.I.T., Budhgaon



YEAR 2023-24

# CERTIFICATE

ACADEMIC YEAR 2023-24

This is to certify that the project work entitled  
"STUDY OF LIQUID PHASE CATALYTIC EXCHANGE REACTION BASED ON THE  
Pt/C/PtFE CATALYST"

Is an authentic work carried out by

Mr. HANMANT DADA SHENDAGE PRN NO. 2062691507008

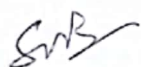
Mr. PRANAV KHANDU NIRMAL PRN NO. 2062691507015

Mr. VAIBHAV DIPAK PHADATARE PRN NO. 2062691507029

During the prescribed period.

This report is submitted in the fulfillment of the requirements for the award of  
**BACHELOR OF TECHNOLOGY**  
IN  
**CHEMICAL ENGINEERING**  
AT

**Dr. Babasaheb Ambedkar Technological University, Lonere**



**Dr. S. L. Bhagat**  
( Internal Guide)  
HOD, Chemical Engg.  
P.V.P.I.T., Budhgaon



**Dr. B. S. Patil**  
Principal  
P.V.P.I.T., Budhgaon

# **CERTIFICATE**

**ACADEMIC YEAR 2023-24**

“PLANT DESIGN OF PRODUCTION OF ETHANOL FROM  
SUGARCANE”

is an authentic work carried out by

**Mr.SAKLEN MEHARALI FAKIR (2162691507511)**

**Mr.PRATHMESH VIKAS PATIL (2162691507504)**

**Mr.MAHESH LAXMAN KALKUNDRIKAR (216269157534)**

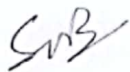
**Mr. NIKHIL ADGONDAMALLEWADE (2062691507011)**

during the prescribed period. This report is submitted

in partial fulfillment of the requirements for the award of

BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING  
of

Dr. Babasaheb Technological University, Lonere, Tal-Mangaon,  
Dist- Raigad, Maharashtra.



**Dr.S.L.BHAGAT**

Guidance teacher & HOD

Chemical Engg Dept.

P.V.P.I.T. Budhgaon



**Dr.B.S.PATIL**

Principal

P.V.P.I.T. Budhgaon

# CERTIFICATE

ACADEMIC YEAR 2023-24

*This is to certify that the project work entitled*

**„DESIGN OF EQUIPMENTS FOR PRODUCTION OF ASPIRIN“**

*Is an authentic work carried out by*

**SAHIL SHAKIL ATTAR**

**PRN NO. - 2062691507023**

**ROHIT RAJIV JOSHI**

**PRN NO. - 2062691507022**

**ONKAR SANJAY KORE**

**PRN NO. -2062691507013**

**ANIKET RANGNATH MAHIND**

**PRN NO. - 2062691507005**

During the prescribed period. This report is submitted In  
partial fulfillment of the requirements for the award of

**BACHELOR OF TECHNOLOGY IN CHEMICAL**

**Dr. Babasaheb Ambedkar Technological University, Lonere**



**Prof. P. C. Kale (Guide)**  
Dept. of Chemical Engineering  
P.V.P.I.T, Budhgaon



**Dr. S. L. Bhagat**  
Head, Dept. of Chemical Engg  
P.V.P.I.T, Budhgaon



**Dr. B. S. Patil**  
Principal  
P.V.P.T, Budhgaon.

Dr.V.P.S.S.M's  
PADMABHOOSHAN VASANTRAODADA PATIL  
INSTITUTE OF TECHNOLOGY, BUDHGAON  
(SANGLI).  
YEAR 2023-24

**CERTIFICATE**



This is certify that, this project report entitled  
**“Extraction of Oil from the waste Jamun Seed  
(Syzygiumcumini)”**

Submitted during the academic year 2023-24

Mr. RITESH RAMESH GANGDHAR

Mr. ABHISHEK VIJAY MANE

Mr. ADITYA SHITAL VIBHUTE

Mr.ABHISHEK PRAKASH PATIL

Mr. KARAN SURESH SURYAWANSHI

Students of B. tech, in partial fulfilment of the degree in Chemical Engineering of DBATU University Lonere, is found to be satisfactory and up to the standard envisaged for the level of course.

Prof. P.C.KALE  
(Guide)

Dr. S. L. Bhagat  
(H.O.D)

Dr. B.S.PATIL  
(Principal)



PADMABHOOSHAN VASANTRAODADA PATIL INSTITUTE OF  
TECHNOLOGY, BUDHGAON SANGLI

DEPARTMENT OF CHEMICAL ENGINEERING

CERTIFICATE


This is to certify that the project report entitled


“10000 LIT/DAY ETHANOL PRODUCTION FROM  
SWEET SORGHUM”


Has been successfully completed by

NAME OF STUDENTS	ROLLNO.	PRNNO.
RANJIT MISAL	4062	2062691507019
SAMADHAN GHUTUKADE	4041	2062691507024

To DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,  
LONERE in partial fulfilment for the award of the degree of B.TECH in  
Chemical Engineering is a bonafied record of project work carried out by  
him/her under my supervision. The content of this report in fill in parts, have  
not been submitted to any other institution or university for the award of any  
degree.

  
Dr. Sanjay.B.Pawar  
(Guide)

  
Dr.S.L. Bhagat  
(H.O.D.)

  
Dr.B.S.Patil  
(Principal)

# *CERTIFICATE*

ACADEMIC YEAR 2023 - 2024

*This is to certify that the internship project entitled*  
**“ASPEN PLUS SIMULATIONS OF CO<sub>2</sub> CAPTURE BY USING  
AMINES”**

*is an authentic work carried out by*

**Mr. Abdulrahim Ishaque Khan (PRN: 2062691507001)**

*during the prescribed period. This report is submitted*

*in fulfillment of the requirements for the award of*

**BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING**

*of Dr. Babasaheb Technological University, Lonere, Tal-Mangaon,*

*Dist- Raigad, Maharashtra.*

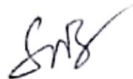


**Prof. S. Y. Pawar**

(Project Guide)

Dept. of Chemical Engg.

P.V.P.I.T., Budhgaon.



**Dr. S. L. Bhagat**

Head, Dept. of Chemical Engg.

P.V.P.I.T., Budhgaon



**Dr. B. S Patil**

Principal

P.V.P.I.T., Budhgaon

**Padmabhooshan Vasanttraodada Patil Institute of  
Technology,  
Budhgaon**

**Department of Chemical Engineering**



**CERTIFICATE**

This is to certify that following student has satisfactorily submitted a  
Mini Project Report on


**“PRODUCTION OF DIETHYL OXALATE”**


**Submitted by:- Mahadev Dhondiram Yadav**

Roll no.: 3032

PRN no.: 2262691507517

Class.: T.Y B.Tech

  
Prof. V.S.Kore  
Incharge

  
Dr. S.L. Bhagat  
H.O.D. Chem Engg

  
Dr. B.S. Patil  
Principal



20. MOHITE SUMIT D.

22. Shelake Suraj S.

*This is to certify that the miniproject report titled solar water pump  
Students of **Third Year**, in partial fulfillment for the award of **Btech In  
Chemical Engineering**.*

  
Prof. V.S.Kore

**Incharge.**

  
Prof. S.L. Bhagat.

**HOD, chemical.  
Engg**

  
Dr. B. S. Patil

**Principal**



Padmabhooshan Vasantraodada Patil Institute of Technology,

Budhgaon

Department of Chemical Engineering



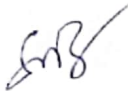
## CERTIFICATE


This is to certify that following students have satisfactorily submitted a Mini Project report on

“PURIFICATION SYSTEM ”

Submitted by:-

2262691507512	Gaurav Gajanan kadam
2262691507513	Sushant Satish Nimbalkar
2262691507514	Omkar Hanmant Patil
2262691507508	Amir Jafar Shikalgar

  
Dr.S.L.BHAGAT  
Incharge and  
HOD (chemical engineering)

  
Prof. B.S.PATIL  
Principal

**Padmabhooshan Vasantodada Patil Institute of Technology,**

**Budhgaon**

**Department of Chemical Engineering**




**CERTIFICATE**

This is to certify that have satisfactorily submitted a mini project report on

**Design and fabrication of fluidized bed dryer.**

Sr.no	Name of Student	PRN No
1	Sucherita Kiran Sidnale	2162691507019
2	Omkar Shivaji Mali	2162691507015
3	Aniket Bhimrao Dinde	2162691507006

  
Prof. V.S.Kore  
Incharge

  
Dr. S.L. Bhagat  
HOD, Chemical Engineering

  
Dr. B.S. Patil  
Principal

# CERTIFICATE

ACADEMIC YEAR 2023-2024

This is to certify that the Mini Project work titled  
"Seawater Desalination Based on a  
Bubbling and  
Vacuum-Enhanced Direct Contact  
Membrane Distillation"

Is an authentic work carried out by

Siddhi Satish Thorat

During the prescribed period. This is submitted in partial fulfilment of  
the requirements for the award of

BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING

Dr. Babasaheb Ambedkar Technological University, Lonere.

Prof. V. S. Kore sir

Dept. of Chemical Engineering


P.V.P.I.T. Budhgaon

  
Prof. V.S.Kore.

Incharge

  
Dr.S.L.Bhagat.

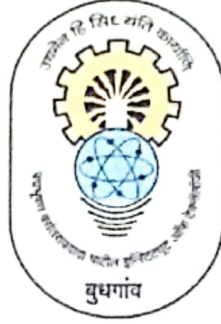
HOD, Chemical  
Engg.

  
Dr. B.S.Patil.

Principal

**PadmabhooshanVasatraodada Patil Institute of  
Technology, Budhgaon**

**Department of Chemical Engineering**



**CERTIFICATE**

This is to certify that following students have satisfactorily submitted  
a mini project review report on

**“ Direct Hydrogenation of CO<sub>2</sub> to Methanol”**

**Class – TY (Chemical)**

**Submitted by: - Roll no : Student Name**

3009. : Shravani Abaso Edake

3012 : Shreya Satish Patil

3028. : Sakshi Sanjay Patil

  
Proff . V. S. Kore

Incharge

  
Dr.S.L.Bhagat

H.O.D

**CERTIFICATE**

ACADEMIC YEAR 2023-2024

This is to certify that the Mini Project work titled  
“Study of Agitated Thinking Evaporator  
For Purification of Crude Glycerine”

Is an authentic work carried out by

Satyajeet Jitendra Vibhute. PRN NO.2162691507008

Ajinkya Bhiva Shendage. PRN NO 2162691507001

Aarman Jafar Sandi. PRN NO 2162691507009

Rama Uttam Waghmode. PRN NO 2162691507014

During the prescribed period. This is submitted in partial fulfilment of  
the requirements for the award of

BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING

Dr. Babasaheb Ambedkar Technological University, Lonere.

Prof. U.S.Patil (Guide)

Dept. of Chemical Engineering

P.V.P.I.T. Budhgaon



Prof. V.S.Kore.

Incharge



Dr.S.L.Bhagat.

HOD, Chemical  
Engg.



Dr. B.S.Patil.

Principal

YEAR 2023-2024

# *CERTIFICATE*

ACADEMIC YEAR 2023-2024

*This to certify that the mini project work titled*

**“Simulation of Hydrocarbon Treatment in Aspen plus”**

*Is authentic work carried out by*

Mr.	Vaibhav Apparao Kamble	2162691507017
Mr.	Atul Arjun Thorat	2162691507016
Mr.	Vedant Dhanajay Banchhade	2162691507012

*During the prescribed period. This report is Submitted in partial fulfilment of the requirement for the award of*

**BACHELOR OF TECHNOLOGY IN CHEMICAL ENGG.**  
**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,**  
**LONERE**



**Prof. V.S.Kore**

(Guide)

Dept. of Chemical Engg.

P.V.P.I.T. Budhgaon



**Dr. S.L.Bhagat**

Head of Dept. of Chemical Engg.

P.V.P.I.T. Budhgaon

# CERTIFICATE

ACADMIC YEAR 2023-2024


This is to certify that the Mini project work titled  
“Zero Liquid Discharge System in Sugar Industry “


Is an authentic work carried out by


Sr. No.	Name	PRN No.
1	Bapu Chintamani Nitave	2162691507013
2	Tejas Bajarang Pawar	2162691507003
3	Harshad Gajendra Kavathekar	2162691507010

During the prescribed period. This is submitted in partial fulfilment of  
the requirements for the award of

BACHELOR OF TECHNOLOGY IN CHEMICAL ENGINEERING  
Dr. Babasaheb Ambedkar Technological University, Lonere.

  
Prof. V.S. Kore  
Incharge

  
Prof. Dr. S.L. Bhagat.  
Head of Department

  
Dr. B.S. Patil.  
Principal

Padmabhooshan Vasantraodada Patil Institute of Technology,

Budhgaon

Department of Chemical Engineering



**CERTIFICATE**

This is to certify that following student have satisfactorily submitted a miniproject report on

**“Manufacturing of acrylic emulsion paints ”**

**Submitted by:-**

PRN NUMBER	Name of the student
21262691507004	Tushar Tanaji jadhav
21262691507007	Sujay Sudarshan chougule
2262691507511	Sourabh Sidram mali
2262691507515	Prasad Dilip koli

  
Dr .S.L.BHAGAT  
HOD & INCHARGE

  
DR. B.S. PATIL  
PRINCIPAL





Bal Pharma Limited

Unit-V  
At: Thabadewad  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist : Sangli, INDIA  
Mob. 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/43-22

01

Date:-12/10/2023

To Whom So Ever It May Concern

This is to certify that Mr. Abhishek Vijay Mane student of Padmabhooshan Vasanthaodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature

T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli

Corporate office: 10/1, Laxmi Narayana Complex, 5 floor, Palace Road, Bangalore - 560 052 INDIA  
Tel: +91-80-41379500. Fax: +91-80-22354057/58, Email: balpharma@vsnl.com, info@balpharma.com





Certificate no: UC-42b7af60-ae15-43b5-ae29-51498aae071b  
Certificate url: udemy/UC-42b7af60-ae15-43b5-ae29-51498aae071b  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Petroleum Refining - Complete Guide to Products & Processes

Instructors: Chemical Engineering Guy

**Rohan Tukaram Pawar**

Date: 1 Dec 2023

Length: 14.5 total hours



031



# CERTIFICATE

FOR SUCCESSFULLY COMPLETING

**The COSHH Risk Assessor Certification™**

PRESENTED TO

**Aviraj Nimbalkar**

**DALE ALLEN**  
FOUNDER OF THE KNIGHTS OF SAFETY

**ROY ROGERS, CFIOSH**  
COURSE PROVIDER

50

issued: 2023-11-30



Certificate ID: delbprgwll



# United Paints & Chemical Industries

Plot No 120/121, Vasantdada Industrial Estate, sangli 416416.  
Tel: 0233-2310404 2310804

5

DATE: 3-11-23

## TO WHOM IT MAY CONCERN

This is to certify that **TRUPTI VISHNU SHINDE**, student of B.TECH.CHEMICAL course of P.V.P.IT college has completed **1 month** industrial training with us, from **01<sup>st</sup> Oct. 2023** to **1<sup>st</sup> Nov. 2023**.

As part of his industrial training, he has done a study on "Basics of Paint Manufacturing and Testing".

Miss. Trupti Vishnu Shinde willingness to learn, and adapt, showing sensitivity to urgency and involvement in the tasks assigned to him is appreciated by entire Research and Development team.

We wish him all the best for future Endeavours.

Sincerely,



Mr. P. C. Phadnis

(Chief Operating Officer)



# VARADRAJ INDUSTRIES

06

Gat No. 55, Sangli-Tasgaon Road, Opp. Vittal Mandir, Madhavnagar.

Mob. 9049086663, 9096730333. e-mail: varadrajindustries3339@gmail.com

Ref:- VI/SNG/23-24

Date: 3/11/2023

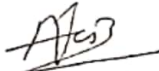
Your ref-PVP/23-24

## Certificate

This is certifying to that **Ms. Muskan Javed Tamboli** The student of **P.V.P. Institute of technology ,Budhgaon. Dist-sangli.** Has completed his vocational training in our company for the period 1 October to 1 November. During his in plant training we observed, he has hard working & sincere in his duties. He has picked up the knowledge of administration, production, activities, instrumentation & laboratory analysis in chemical industry very well.

He bears a good moral characters. We wish him all the best in his future. This certificate is issued on this own request.

With best regards,  
For varadraj industries



**Mr. abhishek U. Tivde**  
(Manager)





# CERTIFICATE

FOR SUCCESSFULLY COMPLETING

The COSHH Risk Assessor Certification™

PRESENTED TO

Sujata patil

DALE ALLEN

FOUNDER OF THE KNIGHTS OF SAFETY

ROY ROGERS, CFIOSH

COURSE PROVIDER

Issued: 2023-12-01



Certificate ID: yemxixuew





# Bal Pharma Limited

Unit-V:  
At: Thabadewadi,  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist.: Sangli, INDIA  
Mob. 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/43-22

Date:-12/10/2023

9

To Whom So Ever It May Concern

This is to certify that Mr. Omkar Jitendra Patil student of Padmabhooshan Vasanthaodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature

T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli





# Bal Pharma Limited

Unit-V: 10  
At: Thabadewadi,  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist.: Sangli, INDIA  
Mob. 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/43-22

Date:-12/10/2023

To Whom So Ever It May Concern

This is to certify that Mr. Aniket Ashok Jadhav student of Padmabhooshan Vasandraodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature

T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli

Corporate office: 10/1, Laxmi Narayana Complex, 5 floor, Palace Road, Bangalore - 560 052. INDIA  
Tel: +91-80-41379500, Fax: +91-80-22354057/58, Email: balpharma@vsnl.com, iinfo@balpharma.com







# CERTIFICATE

FOR SUCCESSFULLY COMPLETING

**The COSHH Risk Assessor Certification™**

PRESENTED TO

**Aishwarya Patil**

**DALE ALLEN**  
FOUNDER OF THE KNIGHTS OF SAFETY

**ROY ROGERS, CFIOSH**  
COURSE PROVIDER

102

Issued: 2023-12-01



Certificate ID: 5urshb9.c



# Bal Pharma Limited

Unit-V:  
At: Thabadewadi,  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist.: Sangli, INDIA  
Mob. 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/43-22

13(a)

Date:-12/10/2023

## To Whom So Ever It May Concern

This is to certify that Mr. Mahesh Anil Suryawanshi student of Padmabhooshan Vasanttraodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature

T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli

Corporate office: 10/1, Laxmi Narayana Complex, 5 floor, Palace Road, Bangalore - 560 052. INDIA  
Tel: +91-80-41379500, Fax: +91-80-22354057/58, Email: balpharma@vsnl.com, info@balpharma.com





**DORLE**

*Mh*

Date: 21.08.2023

TO WHOMSOEVER IT MAY CONCERN

*This is to certify that Mr. Mahesh Shankar Vhanmane student of P.V.P. Institute of technology, Budhagaon Dist: Sangli has completed his training in our Organisation in period from 20.07.2023 to 20.08.2023.*

*During this period he was found to be satisfactory.  
We wish him all the best.*

*MAHESH*

FOR ARIHANT SIDDHAA LABORATORIES PVT. LTD.



**ARIHANT SIDDHAA LABORATORIES PVT. LTD.**  
Manufacturer & Repacker of Allopathic Medicine

Corporate Office: Plot No. 196, 2<sup>nd</sup> Floor, Vaidanada Industrial Estate, Sangli, 416 416, Maharashtra, INDIA Ph. • 91(0233) 2310220, 2311165 Fax • 91(0233) 2313035  
Email: [info@dorlegroup.com](mailto:info@dorlegroup.com) Web: [www.dorlegroup.com](http://www.dorlegroup.com)



 Alison

# Certificate

This is to certify that

**Saklen Meharali Fakir**

Successfully obtained a certificate in  
**Chemical Process Safety**



2223-26719280

*Thamer T. Sigurdson*

Director of certification



26th Nov 2023

Date of Award

15





# Bal Pharma Limited

Unit-V:  
At: Thabadowadi,  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist.: Sangli, INDIA  
Mob. 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/43-22

Date:-12/10/2023

## To Whom So Ever It May Concern

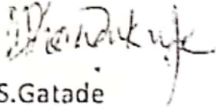
This is to certify that Mr. Karan Suresh Suryawanshi student of Padmabhooshan Vasanthaodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature



T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli





# Bal Pharma Limited

Unit-V:  
At: Thabadewadi,  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist.: Sangli, INDIA  
Mob. 9422040544, 8669662544  
Email: unit5@balpharma.com

18

Certificate No: BPL/43-22

Date:-12/10/2023

To Whom So Ever It May Concern

This is to certify that Mr. Vishal Shivaji Pawar student of Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature

T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PHADATARE VAIBHAV DIPAK**  
for successfully completing the course

**Aspen Plus® Simulation Software - A Basic Course for Beginners**

with a consolidated score of **60** %

Online Assignments	17.81/25	Proctored Exam	42.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 431

**Jul-Oct 2023**  
(12 week course)

24  
*T. V. Bharat*

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23CH56S746200209

To verify the certificate



No. of credits recommended: 3 or 4



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NAMRATA UTTAMRAO PATIL**  
for successfully completing the course

**Aspen Plus® Simulation Software - A Basic Course for Beginners**

with a consolidated score of **72 %**

Online Assignments	18.56/25	Proctored Exam	56.12/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 431

**Jul-Oct 2023**  
(12 week course)

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



REGISTRATION NUMBER: 2201153584620028

NPTEL Online Certification



No. of credits recommended: 3 or 4







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRANAV PRAKASH SHINDE**  
for successfully completing the course

Aspen Plus® Simulation Software - A Basic Course for Beginners

with a consolidated score of **70** %

Online Assignments	16.56/25	Proctored Exam	53.12/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 431

Jul-Oct 2023

(12 week course)

*T.V. Bharat*

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23C156S846210264

To verify the certificate



No. of credits recommended: 3 of 4



Scanned with OKEN Scanner



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt of India)



This certificate is awarded to

**HANMANT DADA SHENDAGE**

for successfully completing the course

## Aspen Plus® Simulation Software - a Basic Course for Beginners

with a consolidated score of **67** %

Online Assignments	16.5/25	Proctored Exam	50.54/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 467

*T. V. Bharat*

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL, Government of India



Indian Institute of Technology Guwahati



NPTEL (National Programme on Technology Enhanced Learning)

To witness the certificate

No. of candidates certified: 467 (8:30 AM)

29



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAHIL SHAKIL ATAR**

for successfully completing the course

Aspen Plus® Simulation Software - A Basic Course for Beginners

with a consolidated score of **51** %

Online Assignments	14.53/25	Proctored Exam	35.97/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **431**

**Jul-Oct 2023**

(12 week course)

**Prof. T. V. Bharat**

Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23CH56S746200153

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ABDULRAHIM ISHAQUE KHAN**  
for successfully completing the course



Aspen Plus® Simulation Software - A Basic Course for Beginners

with a consolidated score of **81** %

Online Assignments	18.44/25	Proctored Exam	62.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 431

Jul-Oct 2023  
(12 week course)

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23CF56S739600237

To verify the certificate



No. of credits recommended: 3 or 4



Scanned with OKEN Scanner



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANIKET RANGNATH MAHIND**  
for successfully completing the course



Aspen Plus® Simulation Software - A Basic Course for Beginners

with a consolidated score of **81** %

Online Assignments	18.44/25	Proctored Exam	62.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 431

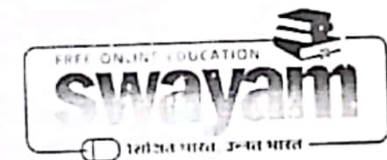
Jul-Oct 2023  
(12 week course)

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

27



Indian Institute of Technology Guwahati



Roll No: NPTEL23CH56S846200229

To verify the certificate



No. of credits recommended: 3 or 4



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Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



28

This certificate is awarded to

**PRANAV KHANDU NIRMAL**

for successfully completing the course

**Aspen Plus® Simulation Software - a Basic Course  
for Beginners**

with a consolidated score of **69 %**

Online Assignments	19.63/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 467

Jan-Apr 2023

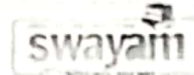
(12 week course)

*T. V. Bharat*

Prof. T. V. Bharat  
Head, Centre for Educational Technology  
NPTEL, Coimbatore, IN, India



Indian Institute of Technology Guwahati







# CERTIFICATE

FOR SUCCESSFULLY COMPLETING

**The COSHH Risk Assessor Certification™**

PRESENTED TO

**Dipali Kadam.**

**DALE ALLEN**  
FOUNDER OF THE KNIGHTS OF SAFETY

**ROY ROGERS, CFIOSH**  
COURSE PROVIDER

Issued 2023-12-01



Certificate ID: SmjKadambyr







# Bal Pharma Limited

Unit V  
At: Thabadewad,  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist: Sangli, INDIA  
Mob: 9422040544, 9889882544  
Email: unit5@balpharma.com

32

Certificate No: BPL/31-22

Date: 02/09/2023

## To Whom So Ever It May Concern

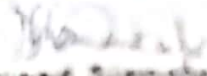
This is to certify that Mr. Ajay Rajaram Dudhal studying in collage of Padmabhooshan VasantraoBada Patil Institute of Technology, Budhgaon Tal-Miraj Dist - Sangli.

We have given research training from 01/08/2023 to 01/09/2023 and everything of plant, Machinery & Other departments

We Found that he had successfully completed training in our intermediate bulk drug Plant.

We wish his best of luck in future

For BAL PHARMA LTD

  
Ajay Rajaram Dudhal

Unit Head

Bal Pharma Limited Unit V

Kavathe Mahankal

Dist: Sangli





Bal Pharma Limited

Unit V  
At: Thabadewadi,  
Post & Taluka: Kavathe Mahankal- 416 401  
Dist.: Sangli, INDIA  
Mob: 9422040544, 8669662544  
Email: unit5@balpharma.com

33

Certificate No: BPL/43-22

Date -12/10/2023

To Whom So Ever It May Concern

This is to certify that Mr. Ritesh Ramesh Gangdhar student of Padmabhooshan Vasanttraodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature

*T.S. Gatade*

T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli





Bal Pharma Limited

Unit-V  
At: Thabadewadi  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist: Sangli, INDIA  
Mob: 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/43-22

34

Date:-12/10/2023

To Whom So Ever It May Concern

This is to certify that Mr. Aditya Shital Vibhute student of Padmabhooshan Vasanttraodada Patil Institute of Technology, Budhgaon Tal – Miraj Dist – Sangli

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature

*T.S. Gatade*

T.S.Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli





# BHANU INDUSTRIES

Manufacturers of Quality Products of Neem Karanji & Castor  
186/1/A, Opp. Old Railway Station, Madhavnagar. 416 406 (Dist. Sangli)

Ph. : Office : 0233 - 2673788, Factory : 2310179.

Web : [www.bhanuindustries.com](http://www.bhanuindustries.com)

Email : [bhanu.ind@rediffmail.com](mailto:bhanu.ind@rediffmail.com)

36(a)

## TO WHOMSOEVER IT MAY CONCERN

This Is To Certify That **Mr. Onkar Sanjay Kore** A  
Student Of Padmabhushan Vasantdada Patil Institute  
Of Technology, Budhgaon, Dist. SANGLI. Department Of  
Chemical Engineering - 4th Year Has Successfully  
Completed His In-Factory Training During 15th July 2023  
To 30th July 2023 In Our Company. With Reference To  
The Partial Fulfillment Requirements Of The Bachelor Of  
Chemical Engineering.

All Necessary Details Were Provided From Our Side For  
The Establishment Of His Training.

For Bhanu Industries ,

BHANU INDUSTRIES

PARTNER

BHANU INDUSTRIES  
186/1/A, Opp. Old Railway Station  
MADHAVNAGAR-416 406





# Bal Pharma Limited

Unit-V: 38  
At: Thabadewadi,  
Post & Taluka: Kavathe Mahankal- 416 405  
Dist.: Sangli, INDIA  
Mob: 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/31-22

Date: 02/09/2023

## To Whom So Ever It May Concern

This is to certify that Mr. Samadhan Appa Ghutukade studying in collage of Padmabhooshan Vasantrodada Patil Institute of Technology, Budhgaon Tal- Miraj Dist – Sangli.

We have given research training from 01/08/2023 to 01/09/2023 and everything of plant, Machinery & Other departments.

We Found that he had successfully completed training in our intermediate bulk drug Plant.

We wish his best of luck in future.

For BAL PHARMA LTD.

  
Authorized Signatory  
T.S. Galade

Unit Head

Bal Pharma Limited Unit V

Kavathe Mahankal

Dist : Sangli.





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



TOPPER

This certificate is awarded to

**ROHIT RAJIV JOSHI**

for successfully completing the course

**Mechanical Unit Operations**



with a consolidated score of **91** %

Online Assignments	22.19/25	Proctored Exam	68.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **14**

Jul-Oct 2023

(12 week course)

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati

37



Indian Institute of Technology Guwahati



Roll No: NPTEL23CH51S746200197

To verify the certificate



No. of credits recommended: 3 or 4



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# BHANU INDUSTRIES

Manufacturers of Quality Products of Neem Karanji & Castor  
186/1/A, Opp. Old Railway Station, Madhavnagar. 416 406 (Dist. Sangli)

Ph. : Office : 0233 - 2673788, Factory : 2310179.

Web : [www.bhanuindustries.com](http://www.bhanuindustries.com)

Email : [bhanu.ind@rediffmail.com](mailto:bhanu.ind@rediffmail.com)

TO WHOMSOEVER IT MAY CONCERN

(39)

This Is To Certify That Mr. Rajwardhan Amar Patil A  
Student Of Padmabhushan Vasantdada Patil Institute  
Of Technology, Budhgaon, Dist. SANGLI. Department Of  
Chemical Engineering - 4th Year Has Successfully  
Completed His In-Factory Training During 15th July 2023  
To 30th July 2023 In Our Company. With Reference To  
The Partial Fulfillment Requirements Of The Bachelor Of  
Chemical Engineering.

All Necessary Details Were Provided From Our Side For  
The Establishment Of His Training.

For Bhanu Industries ,

BHANU INDUSTRIES



PARTNER

BHANU INDUSTRIES  
186/1/A, Opp. Old Railway Station  
MADHAVNAGAR-416 406



40



# BHANU INDUSTRIES

Manufacturers of Quality Products of Neem Karanji & Castor  
186/1/A, Opp. Old Railway Station, Madhavnagar. 416 406 (Dist. Sangli)

Ph. : Office : 0233 - 2673788, Factory : 2310179.

Web : [www.bhanuindustries.com](http://www.bhanuindustries.com)

Email : [bhanu.Ind@rediffmail.com](mailto:bhanu.Ind@rediffmail.com)

## TO WHOMSOEVER IT MAY CONCERN

This Is To Certify That **Mr. Tejas Suresh Nalawade** A Student Of Padmabhushan Vasantdada Patil Institute Of Technology, Budhgaon, Dist. SANGLI. Department Of Chemical Engineering - 4th Year Has Successfully Completed His In-Factory Training During 15th July 2023 To 30th July 2023 In Our Company. With Reference To The Partial Fulfillment Requirements Of The Bachelor Of Chemical Engineering.

All Necessary Details Were Provided From Our Side For The Establishment Of His Training.

For Bhanu Industries ,

BHANU INDUSTRIES

PARTNER

BHANU INDUSTRIES  
186/1/A, Opp. Old Railway Station  
MADHAVNAGAR-416 406





# BHANU INDUSTRIES

Manufacturers of Quality Products of Neem Karanji & Castor  
186/1/A, Opp. Old Railway Station, Madhavnagar. 416 406 (Dist. Sangli)

Ph. : Office : 0233 - 2673788, Factory : 2310179.

Web : [www.bhanuindustries.com](http://www.bhanuindustries.com)

Email : [bhanu.ind@rediffmail.com](mailto:bhanu.ind@rediffmail.com)

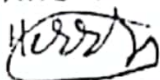
TO WHOMSOEVER IT MAY CONCERN

This Is To Certify That Mr. Prathamesh Valbhav Patil A  
Student Of Padmabhushan Vasantdada Patil Institute  
Of Technology, Budhgaon, Dist. SANGLI. Department Of  
Chemical Engineering - 4th Year Has Successfully  
Completed His In-Factory Training During 15th July 2023  
To 30th July 2023 In Our Company. With Reference To  
The Partial Fulfillment Requirements Of The Bachelor Of  
Chemical Engineering.

All Necessary Details Were Provided From Our Side For  
The Establishment Of His Training.

For Bhanu industries ,

BHANU INDUSTRIES



PARTNER

BHANU INDUSTRIES  
186/1/A, Opp. Old Railway Station  
MADHAVNAGAR-416 406





# CERTIFICATE

FOR SUCCESSFULLY COMPLETING

**The COSHH Risk Assessor Certification™**

PRESENTED TO

**Sakshi Thombare**

**DALE ALLEN**  
FOUNDER OF THE KNIGHTS OF SAFETY

**ROY ROGERS, CFIOSH**  
COURSE PROVIDER

Issued: 2023-10-09



Certificate ID: 4zd6emn2to

(13)

GST No. 27AAPCA3B55P1ZV

CIN -U15490/PN2016/PTC/167482

**AGRANI FOODS AND AGRO CORPORATION PVT. LTD.**

**अग्रणी फुडस अँड अॅग्रो कार्पोरेशन प्रा. लि., पुणदी**



गट नं. २१९, तासगांव-आटपाडी रोड, पुणदी (तासगांव)

ता. तासगांव, जि. सांगली पिन - ४१६ ३१२ (महाराष्ट्र) मोबाईल नं. ९८३४३४३७२५

Gut No. 219, Tasgaon - Aatpadi Road, Np.- PUNDI (TASGAON)

Tal. -Tasgaon, Dist. Sangli, Pin - 416 312, (Maharashtra), Mobile No. 9834343725

■ Email : agranifoodsmanjarde@gmail.com



Date : 2/10/2023

46

## CERTIFICATE

This is certifying to that **Mr. Riteshkumar Jadhav**, The student of P.V.P. Institute of Technology, Budhgaon ,Dist-Sangli, has successfully completed his Vocational training at "Agrani Foods & Agro Corporation Pvt.Ltd Pundi Tal. Tasgaon Dist.Sangli" from period of

1 Sept.2023 to 1 October 2023 .

He has shown interest and enthusiasm in his study, during the training period. He has undergone excellent exposure of product analysis and processing of milk and milk products.

I Wish him/her success in life.

  
Prod. Manager

**Production Manager**

**AGRANI FOODS AND AGRO  
CORPO. PVT. LTD.**

Gut No.219, Tasgaon - Aatpadi Road, Pundi  
Tal. Tasgaon, Dist. Sangli-416 312(MS)





# Certificate

This is to certify that

**Prathmesh Vikas Patil**

---

Successfully obtained a certificate in

**Chemical Process Safety**



2223-35788264

*Maree Richardson*

---

Director of certification



26th Nov 2023

---

Date of Award

47





गट नं. २१९, तासगांव-आटपाडी रोड, पुणदी (तासगांव)

ता. तासगांव, जि. सांगली पिन - ४१६ ३१२ (महाराष्ट्र) मोबाईल नं. ९८३४३४३७२५

Gut No. 219, Tasgaon - Aatpadl Road, A/p.- PUNDI (TASGAON)

Tal. -Tasgaon, Dist. Sangli, Pin - 416 312, (Maharashtra), Mobile No. 9834343725

Email : agranifoodsmanjarde@gmail.com

Date : 2/10/2023



(48)

## CERTIFICATE

This is certifying to that **Mr. Sagar Namdev Pawar**, The student of P.V.P. Institute of Technology, Budhgaon, Dist-Sangli, has successfully completed his Vocational training at "Agrani Foods & Agro Corporation Pvt.Ltd Pundi Tal. Tasgaon Dist.Sangli" from period of

1 Sept.2023 to 1 October 2023.

He has shown interest and enthusiasm in his study, during the training period. He has undergone excellent exposure of product analysis and processing of milk and milk products.

I Wish him/her success in life.

  
Prod. Manager

**Production Manager**  
AGRANI FOODS AND AGRO  
CORPO. PVT. LTD.  
Gut No.219, Tasgaon-Aatpadl Road, Pundi  
Tal. Tasgaon, Dist. Sangli-416 312(MS)

GST No. 27AAPCA3855P1ZV

CIN -U15490/PN2016/PTC/167482

**AGRANI FOODS AND AGRO CORPORATION PVT. LTD.**

**अग्रणी फूड्स अँड अग्रो कार्पोरेशन प्रा. लि., पुणदी**



गट नं. २१९, तासगांव-आटपाडी रोड, पुणदी (तासगांव)

ता. तासगांव, जि. सांगली पिन - ४१६ ३१२ (महाराष्ट्र) मोबाईल नं. ९८३४३४३७२५

Gut No. 219, Tasgaon - Aatpadi Road, A/p - PUNDI (TASGAON)

Tal. -Tasgaon, Dist. Sangli, Pin - 416 312, (Maharashtra), Mobile No. 9834343725

■ Email : agranifoodsmanjarde@gmail.com

(49)

Date : 2/10/2022



## CERTIFICATE

This is certifying to that **Mr. Harshavardhan Tatheshmukh** student of P.V.P. Institute of Technology, Budhgaon, Dist-Sangli, has successfully completed his Vocational training at "Agrani Foods & Agro Corporation Pvt.Ltd Pundi Tal. Tasgaon Dist.Sangli" from period of

1 Sept.2023 to 1 October 2023 .

He has shown interest and enthusiasm in his study, during the training period. He has undergone excellent exposure of product analysis and processing of milk and milk products.

I Wish him/her success in life.

  
Prod. Manager

Production Manager  
AGRANI FOODS AND AGRO  
CORPO. PVT. LTD.  
Gut No.219, Tasgaon-Aatpadi Road, Pundi  
Tel. Tasgaon, Dist. Sangli-416 312(MS)





SR

VALID/ 19/12 / 2023-24

Date:30<sup>th</sup> Aug 2023

## CERTIFICATE

This is to certify that, Mr. Nitish Vishwas Chougule (B.Tech-Chemical) the student of PVPIT College of Engineering,

Budhgaon Sangli has successfully completed " Industrial Training " from 16<sup>th</sup> August 2023 to 30<sup>th</sup> August 2023 in the organization. He was sincere & hard working.

We wish him all the best.



HR

General Manager

viraj Alcohols & Industries Ltd., (CIN-U15511 PN2002PLC0016762) At/post & Tal. Shirala, Dist. sangli, Maharashtra 41 5408.

Telefax : +91 2345 272799, Phone : 9766722000, 9766723000, +91 2345 272799,

website : mm.virajindustries.in, email : virajalcohols@gmail.com

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Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SARVESH SANDIP PATIL**

for successfully completing the course

**Mechanical Unit Operations**

with a consolidated score of **68** %

Online Assignments	21.16/25	Proctored Exam	46.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **14**

**Jul-Oct 2023**

**(12 week course)**

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23CH51S746200161

To verify the certificate



No. of credits recommended: 3 or 4



52



# Certificate

This is to certify that

**Samarth Suraj Khude**

Successfully obtained a certificate in

**Chemical Process Safety**



2223-35736521

*Mette Rognesen*

Director of certification



26th Nov 2023

Date of Award



GST No. 27AAPCA3055P12V

CIN -U15490/PN2016/PTC/167482

AGRANI FOODS AND AGRO CORPORATION PVT. LTD.

अग्रणी फुडस अँड अग्रो कार्पोरेशन प्रा. लि., पुणदी



गट नं. २१९, तासगांव-आटपाडी रोड, पुणदी (तासगांव)

ता. तासगांव, जि. सांगली पिन - ४१६ ३१२ (महाराष्ट्र) मोबाईल नं. ९८३४३४३७२५

Gut No. 219, Tasgaon - Aatpadi Road, A/p. - PUNDI (TASGAON)

Tal. -Tasgaon, Dist. Sangli, Pin - 416 312, (Maharashtra), Mobile No. 9834343725

□ Email : agranifoodsmanjarde@gmail.com

Date : 2/10/2023

53

## CERTIFICATE

This is certifying to that **Mr. Rushikesh Ghatage** , The student of P.V.P. Institute of Technology, Budhgaon ,Dist-Sangli, has successfully completed his Vocational training at "Agrani Foods & Agro Corporation Pvt.Ltd Pundi Tal. Tasgaon Dist.Sangli" from period of

1 Sept.2023 to 1 October 2023 .

He has shown interest and enthusiasm in his study, during the training period. He has undergone excellent exposure of product analysis and processing of milk and milk products.

I Wish him/her success in life.

  
Prod. Manager

**Production Manager**  
AGRANI FOODS AND AGRO  
CORPO. PVT. LTD.  
Gut No.219, Tasgaon - Aatpadi Road, Pundi  
Tal. Tasgaon, Dist. Sangli-416 312(MS)



GST No. 27AAPCA3855P1ZV

CIN -U1549D/PN2016/PTC/167482

**AGRANI FOODS AND AGRO CORPORATION PVT. LTD.**

**अग्रणी फुडस अँड अॅग्रो कार्पोरेशन प्रा. लि., पुणदी**



गट नं. २१९, तासगांव-आटपाडी रोड, पुणदी (तासगांव)

ता. तासगांव, जि. सांगली पिन - ४१६ ३१२ (महाराष्ट्र) मोबाईल नं. ९८३४३४३७२५

Gut No. 219, Tasgaon - Aatpadi Road, A/p.- PUNDI (TASGAON)

Tal. -Tasgaon, Dist. Sangli, Pin - 416 312, (Maharashtra), Mobile No. 9834343725

□ Email : agranifoodsmanjarde@gmail.com

Date : 2/10/2023

55



## CERTIFICATE

This is certifying to that **Mr. Vishwajeet Ingale**, The student of P.V.P. Institute of Technology, Budhgaon, Dist-Sangli, has successfully completed his Vocational training at "Agrani Foods & Agro Corporation Pvt.Ltd Pundi Tal. Tasgaon Dist.Sangli" from period of

1 Sept.2023 to 1 October 2023.

He has shown interest and enthusiasm in his study, during the training period. He has undergone excellent exposure of product analysis and processing of milk and milk products.

I Wish him/her success in life.

  
Prod. Manager

**Production Manager**  
AGRANI FOODS AND AGRO  
CORPO. PVT. LTD.  
Gut No.219, Tasgaon-Aatpadi Road, Pundi  
Tal. Tasgaon, Dist. Sangli-416 312(MS)



56



# Certificate

This is to certify that

**Megharaj Ganesh Saravade**

Successfully obtained a certificate in

**Chemical Process Safety**



2223-35710015

*Mansi Rajankar*

Director of certification



27th Nov 2023

Date of Award





Alcohols & Allied Industries Ltd.

57

VALID/ 19/12 / 2023-24

Date:30<sup>th</sup> Aug 2023

## CERTIFICATE

This is to certify that, Mr. Akash Vijay Jadhav (B.Tech-Chemical) the student of PVPIT College of Engineering,

Budhgaon Sangli has successfully completed " Industrial Training " from 16<sup>th</sup> August 2023 to 30<sup>th</sup> August 2023 in the organization. He was sincere & hard working.

We wish him all the best.



*[Signature]*  
HR

*[Signature]*  
General Manager

viraj Alcohols & Industries Ltd., (CIN-U15511 PN2002PLC0016762) At/post & Tal. Shirala, Dist. sangli, Maharashtra 41<sup>5408</sup>.

Telefax : +91 2345 272799, Phone : 9766722000, 9766723000, +91 2345 272799,  
website : mm.virajindustries.in, email : virajalcohols@gmail.com

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Scanned with OKEN Scanner



# Bal Pharma Limited

Unit V  
At: Thabadewad,  
Post & Taluka: Kavathe Mahankal - 416 405  
Dist: Sangli, INDIA  
Mob: 9422040544, 8669662544  
Email: unit5@balpharma.com

Certificate No: BPL/43-22

Date: -12/10/2023

## To Whom So Ever It May Concern

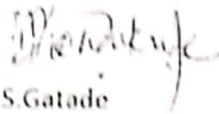
This is to certify that Mr Ranjit Yuvraj Misal student of Padmabhooshan Vasantrodada Patil Institute of Technology, Budhgaon Tal - Miraj Dist - Sangli.

He was taken training in our organization from 10.09.2023 to 10.10.2023

We found that he had successfully completed training in our Intermediate bulk drug plant.

We wish him best of luck in future.

Authorized signature



T.S. Gatade



Unit Head  
Bal Pharma Ltd. Unit-V  
Kavathe Mahankal  
Dist.: Sangli





Alcohols & Allied Industries Ltd.

60

VALID/ 19/12 / 2023-24

Date:30<sup>th</sup> Aug 2023

## CERTIFICATE

This is to certify that, Mr. Omkar Suresh Kokate (B.Tech-Chemical) the student of PVPIT College of Engineering,

Budhgaon Sangli has successfully completed " Industrial Training " from 16<sup>th</sup> August 2023 to 30<sup>th</sup> August 2023 in the organization. He was sincere & hard working.

We wish him all the best.



*Alis*  
**General Manager**

viraj Alcohols & Industries Ltd., (CIN-U15511 PN2002PLC0016762) At/post & Tal. Shirala, Dist. sangli, Maharashtra 41 5408.

Telefax : +91 2345 272799, Phone : 9766722000, 9766723000, +91 2345 272799,  
website : mm.virajindustries.in, email : virajalcohols@gmail.com

Scanned with OKEN Scanner



Scanned with OKEN Scanner

61



# Certificate

This is to certify that

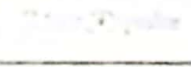
Nikhil Adgonda Mallewade

Successfully obtained a certificate in

Chemical Process Safety



6228-111171221

  
Director of certification



26th Nov 2023

Date of Award







Shivamrut Doodh Utpadak  
Sahakari Sangh Maryadit  
At. Vijaynagar-Akluj Po. Yashwantnagar  
Tal. Malshiras Dist. Solapur 413 118 (M.S.)

Regd No. S.U.R./M.K.T./  
Dairy 104/1976  
Date : 27/1/1976  
ISO 22000-2005  
Certificate Organization

1

Founder : Late Sahakar Maharshi Shankarrao Narayanrao Mohite-Patil

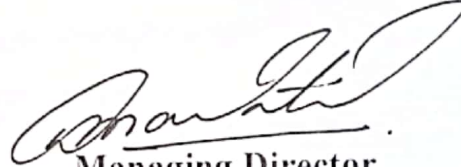
O.W.No. Shivamrut-Adm./ 897/2022-23

Date: 10<sup>th</sup> Feb. 2023.

## CERTIFICATE

This is to certify that **Mr. Rama Uttam Waghmode** Student of **Padmabhushan Vasantraodada Patil Institute of Technology Budhgaon (Sangli)**, has successfully completed his Industrial Training in Quality department from 16/01/2023 to 10/02/2023 in our Organization.

During the training period he was found to be hard working and sincere. We wish him all the best of his future career.

  
Managing Director  
Shivamrut-Vijaynagar

Head Office : 02185 222126, 222566, 222617    Shankarnagar Office : 222426  
shivamrutakluj@gmail.com    www.shivamrut.com





SHIMOGA CHEMICALS

Mfgs. of Bulk drugs, Intermediates and Custom synthesis

3  
2

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Aarman Jafar A/P. Bhilawadi, Tal Palus, Dist - Sangli .  
Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of  
education curriculum. He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner



22nd February 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify **Mr. Vaibhav Apparao Kamble** has successfully completed his Internship with Sai Life Sciences Limited from **20th January 2023 to 18th February 2023** under the guidance of **Mr. Sameer Sadik Shekh, General Manager – Production.**

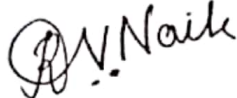
During this tenure, her responsibilities were:

1. To know the practical operations of Reactor, Robo Nutsche filter, ANFD, ATFD, PTS & Drum Booth, RCVD.
2. To understand the overall plant operations.
3. To know the operational principles of all Equipment's.
4. To analyse all Effluent and effluent chemical characteristics.
5. To understand the basic requirements of utilities to run the plant.
6. To understand the basics of cGMP.
7. To know the Safety rules and regulations.
8. To know the operations of Solvent recovery system.

During his Internship he was found regular & punctual.

We wish him very best for his future endeavours.

**For SAI LIFE SCIENCES LIMITED**



**Dr. Rajesh Vinodrai Naik**  
**Senior Vice President & Global Head – Human Resources.**

**Sai Life Sciences Limited** (CIN: U24110TG1999PLC030970)

**Corporate office**

# L4-06, SLN Terminus, Survey #133,  
Gachibowli Miyapur Road, Gachibowli,  
Hyderabad – 500032, Telangana, India.

**Registered office**

Plot No. DS-7, IKP Knowledge Park, Turkapally  
(V), Shameerpet Mandal, Medchal-Malkajgiri  
Dist-500078, Telangana, India.

**Contact us**

T: +91 40 6815 6000  
F: +91 40 6815 6199  
E: info@sailife.com  
W: www.sailife.com



Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Harshad Gajendra Kavathekar A/P. Bhilawadi, Tal Palus Dist. Sangli. Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum. He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Satyajeet Jitendra Vibhute A/P. Shiradwad, Tal-Shirol, Dist Kolhapur .Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum. He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss. Sucherita Kiran Sidnale, A/P. Dattawad, Tal. Shirol, Dist Kolhapur has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curcullium.

She has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Omkar Shivaji Mali A/P. Chikhali, Tal. Karad, Dist Satara Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum. He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





SHIMOGA CHEMICALS

Mfgs. of Bulk drugs, Intermediates and Custom synthesis

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss. Shravani Abaso Edke, A/P. Kavalapur, Tal Miraj Dist Sangli. Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum.

She has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner



W57A, MIDC KUPWAD, DIST. SANGLI 416 436, MAHARASHTRA, INDIA.



Scanned with OKEN Scanner



# ADITI FOODS (INDIA) PVT. LTD.

(An ISO 22000 : 2005 Certified Company)



Ref: AFIPL/2223/FEB/50

DATE: 02/02/2023

9

## **"TO WHOM SO EVER IT MAY CONCERN"** **CETIFICATE**

THIS IS TO CERTIFY THAT "MR. ATUL ARJUN THORAT, STUDENT FROM "PADMHABUSHAN VASANTRAODADA PATIL INSTITUTE OF TECHNOLOGY BUDHGAON, SANGLI" (B TECH CHEMICAL ENGINEERING)" HAD DONE INDUSTRIAL IN PLANT TRAINING REPORT WITH REFERENCE OF "ADITI FOODS (INDIA) PVT LTD., NERLE" DURING THE PERIOD "01/01/2023 TO 31/01/2023" AND FOUND TO BE REGULAR SINCERE AND HARD WORKING.

AS PER MY KNOWLGDGE HE BEARS A GOOD MORAL CHARACTE & SATISFACTORY PRACTICAL KNOWLEDGE.

THE MANAGEMENT WISHES HIM ALL THE SUCCESS FOR HER FUTURE CAREER.

FOR ADITI FOODS (INDIA) PVT LTD.,

  
**J. S. UTHALE**  
G.M.(Fin. & Admin.)



**ADITI FOODS (INDIA) PVT. LTD.**

(An ISO 22000 : 2005 / BRC / USFDA Certified Co.)

Mfgs./ Marketers / Exporters / Private Labelers : Processed Fruits & Vegetables Product.

Tel : +912342 - 278550 Fax : +912342 - 278592

Mob : +919970900853 +919730925555

E-mail : [aditifoods@rediffmail.com](mailto:aditifoods@rediffmail.com) Web : [www.aditifoods.com](http://www.aditifoods.com)

Unit: - RS No: 655, JB Patil Industrial Estate, Pune Bangalore Highway No: 04 , Nerle - 415406  
Tel: 02342-278550/278950/278944, Fax: 02342-278592 ,

Email: [aditifoods@rediffmail.com](mailto:aditifoods@rediffmail.com), [exports@aditifoods.com](mailto:exports@aditifoods.com), [info@aditifoods.com](mailto:info@aditifoods.com), Visit : [www.aditifoods.com](http://www.aditifoods.com)

Mfgs. & Exporters :- Ratnagiri Alphonso & Totapuri Mango Pulp, Guava Pulp, Mango Slice, Sweet Corn, Tomato Ketchup, Fruit Juice, Puree, Pineapple Slice & Tit Bits, Jams, Syrup, Sauces, Tuty Fruity, Fruit Bar & Candy.





(10)

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Tushar Tanaji Jadhav A/P. Pimpri Budruk, Tal. Atpadi Dist. Sangli. Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum. He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





11

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Shreya Satish Patil , A/P. Kavalapur, Tal. Miraj ,Dist Sangli, has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curcullium.

She has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





Ref. SACL/2223/FEB/90  
DATE: 02/02/2023

12

## CERTIFICATE OF INTERNSHIP

THIS IS TO CERTIFY THAT "MR. TEJAS BAJARANG PAWAR. STUDENT FROM "PADMHABUSHAN VASANTRAODADA BUDHGAON, SANGLI" (B TECH CHEMICAL ENGINEERING) HAD DONE INDUSTRIAL IN PLANT TRAINING REPORT WITH REFERENCE OF "SOUTHERN AGRO CHEMICALS " TASGON DURING THE PERIOD "01/01/2023 TO 31/01/2023" AND FOUND TO BE REGULAR SINCERE AND HARD WORKING.

AS PER MY KNOWLEDGE HE BEARS A GOOD MORAL CHARACTE SATISFACTORY PRACTICAL KNOWLEDGE.

THE MANAGEMENT WISHES HIM ALL THE SUCCESS FUTURE CAREER.  
FOR SOUTHERN AGRO CHEMICALS

Authorized Signatory.

## SOUTHERN AGRO CHEMICALS

**Sr. No.: 32/2. Plot No.11/12**

**Opp.Mahila Tantra Niketan, Vasumbe,**

**Tal. Tasgaon, Dist. Sangli (M.S.) India. 416 312.**

**E-mail: southemagrochemicals@gmail.com**

**Customer Care: +91 88 058 22 677**





Shivamrut Doodh Utpadak  
Sahakari Sangh Maryadit  
At. Vijaynagar-Akluj Po Yashwantnagar  
Tal. Malshiras Dist. Solapur 413 118 (M.S.)

Regd No. S.U.R./M.K.T./  
Dairy 104/1976  
Date : 27/1/1976  
ISO 22000-2005  
Certificate Organization

Founder : Late Sahakar Maharshi Shankarrao Narayanrao Mohite-Patil

Sr No.  
O.W.No. Shivamrut-Adm. 897 /2022-23


Date: 10<sup>th</sup> Feb. 2023.

18

## CERTIFICATE

This is to certify that **Mr. Babu Chintamani Nitave** Student of **Padmabhushan Vasanttraodada Patil Institute of Technology Budhgaon (Sangli)**, has successfully completed his Industrial Training in Quality department from 16/01/2023 to 10/02/2023 in our Organization.

During the training period he was found to be hard working and sincere. We wish him all the best of his future career.

  
Managing Director  
Shivamrut-Vijaynagar

Head Office : 02185 222126, 222566, 222617    Shankarnagar Office : 222426  
shivamrutakluj@gmail.com    www.shivamrut.com





14

Date - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr Ajinkya Bhisra Shendage A/P Akurj, Tal. Malshiras, Dist. Solapur Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum. He has been trained in the following unit operations.

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





SHIMOGA CHEMICALS

Mfgs. of Bulk drugs, Intermediates and Custom synthesis

(15)

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss. Siddhi Satish Thorat, A/P. Arag, Tal. Miraj, Dist Sangli, has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum.

She has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





**Aarti Drugs Limited**

Manufacturers of : Formulations, Bulk Drugs & Chemicals

Plot No. 2902, 2904, 2601-2605, 2509,  
G.I.D.C. Sarigam, Tal. Umargam,  
Dist : Valsad, Gujarat, India - 396155  
Tel : 9099018102 / 3  
Email : adiguj@aartidrugs.com  
Website : www.aartidrugs.com  
CIN NO.: L37060MH1984PLC055433

16

**TO WHOM SO EVER IT MAY CONCERN**

*This is to certify that Mr.Vedant Banchhade, Student of B. Tech Second Year, Padmabhooshan Vasandraodada Patil Institute Of Technology, Budhgaon (Sangli),DBATU University, has under taken practical training in our organization from 18.01.2023 To 17.02.2023.*

*During this period he was sincere in this work.*

*We wish him all success in future.*

*For Aarti Drugs Limited.*

*Authorized Signatory*

*Date:20.02.2023*







(17)

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Pranav Maruti Jagtap A/P. Arag, Tal. Miraj Dist. Sangli Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum. He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





18

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.Sujay Sudarshan Chougule A/P.Bhilawadi , Tal .Palus Dist. Sangli Has undergone in plant Training from 18.01.2023to 03.02.2023 as a part of education curricullum.He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner





19

Date: - 03.02.2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Aniket Bhimrao Dinde A/P. Kavalapur, Tal Miraj Dist. Sangli Has undergone in plant Training from 18.01.2023 to 03.02.2023 as a part of education curriculum. He has been trained in the following unit operations:-

- 1) Atmospheric Distillations
- 2) Vacuum Distillations
- 3) Steam Distillation
- 4) Centrifuging
- 5) Drying

And unit process

- 1) Cyclization
- 2) Preparation of aldehydes

For Shimoga Chemicals

Partner



Date: 24<sup>th</sup> Apr 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Pratik Shrikant Kumbhar student of B-Tech Chemical Engineering, Batch 2020-2024 has successfully completed his Internship at Castrol India Limited, Silvassa for the period 1<sup>st</sup> Feb 2024 to 24<sup>th</sup> Apr 2024.

During his training period he undergone project on "Correction & Standardization of Filtration Requirement" and "Identification & Resolving Issues of Filling Line Up Automation".

During his training he was found hardworking, dedicated and displayed a motivated and cheerful outlook toward work. His conduct during the period of training was found to be disciplined and exemplary, we wish him all the best for his future endeavours.

**For CASTROL INDIA LIMITED**



Aditya Mishra



**Registered Office**  
Technopolis Knowledge Park  
P. O. Box No. 16411  
Mumbai-Career Plaza  
Chowara, Ahmednagar  
Mumbai - 400 593

CIN: 123266MH1979PLC012339  
Tel: 022-6599 4100  
Fax: 022-6609 4101

04

## INTERNSHIP CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Aviraj Popat Nimbalkar**, final year student of B. Tech, Chemical Engineering of Padmabhooshan Vasantrodada Patil Institute of Technology, Budhgaon has successfully completed a summer internship in the field of Process Engineering and Sales & Marketing from 1st February 2024 to 1st May 2024 under the guidance of **Fluid Mixing Technologies**.

During his internship program with us he had been involved in Project execution, Sales and Marketing activities at our company and was found diligent, hardworking and inquisitive.

We wish him every success in his life and career.

For Fluid Mixing Technology



Pratik D. Dikshit  
Director

Registered Office / Urse Plant  
Finolex Industries Limited  
Gal No. 395, Village Urse, Tal. Maval,  
Dist. Pune-410 506, Maharashtra, India  
Ph: +91 2089119511/024151

Tel: +91 2114 237251 / 237253  
Toll Free: 1800 200 3466  
Email: investors@finolexind.com  
Web: finolexpipes.com



85

FIL/RTG/CERT/2024

8<sup>th</sup> April 2024

**CERTIFICATE**

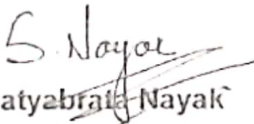
**(To whomsoever it may concern)**

This is to certify that **Ms. Trupti Vishnu Shinde**, who is a student of Final Year of Chemical Engineering from Padmabhooshan Vasantraodada Patil Institute of Technology (PVPIT), Budhgaon, Dist. Sangali, has successfully completed the In-Plant Training in our VCM & PVC manufacturing plants as well as Offsites & Utilities plant at village Golap, Tal & Dist. Ratnagiri, Maharashtra for 6 working days during the period from 4<sup>th</sup> March 2024 to 16<sup>th</sup> March 2024.

During her In-plant training duration in our Company, we found her as hard working, sincere and diligent student and her behaviour and conduct was very good.

We wish her all the best in her all future endeavours.

For **FINOLEX INDUSTRIES LIMITED**

  
**Satyabrata Nayak**  
**Asst General Manager-HR**

**Ratnagiri Plant**  
Finolex Industries Limited  
P O Box No. 11,  
Ratnagiri-Pawas Road,  
Ratnagiri - 415612, Maharashtra, India

Tel: +91 2352 238027-30 / 238034-37  
+91 2352 350001  
Fax: +91 2352 238033  
Email: care@finolexpipes.com  
Web: finolexpipes.com





FIL/RTG/CERT/2024

8<sup>th</sup> April 2024

**CERTIFICATE**

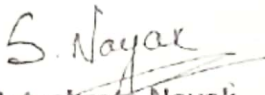
**(To whomsoever it may concern)**

This is to certify that **Ms. Muskan Javed Tamboli**, who is a student of Final Year of Chemical Engineering from Padmabhooshan Vasantraodada Patil Institute of Technology (PVPIT), Budhgaon, Dist. Sangali, has successfully completed the In-Plant Training in our VCM & PVC manufacturing plants as well as Offsites & Utilities plant at village Golap, Tal & Dist. Ratnagiri, Maharashtra for 6 working days during the period from 4<sup>th</sup> March 2024 to 16<sup>th</sup> March 2024.

During her In-plant training duration in our Company, we found her as hard working, sincere and diligent student and her behaviour and conduct was very good.

We wish her all the best in her all future endeavours.

For **FINOLEX INDUSTRIES LIMITED**

  
**Satyabrata Nayak**  
**Asst General Manager-HR**

12

FIL/RTG/CERT/2024

8<sup>th</sup> April 2024

CERTIFICATE

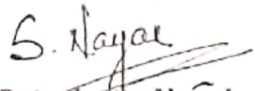
(To whomsoever it may concern)

This is to certify that Ms. **Aishwarya Milind Patil**, who is a student of Final Year of Chemical Engineering from Padmabhooshan Vasantrodada Patil Institute of Technology (PVPIT), Budhgaon, Dist. Sangli, has successfully completed the In-Plant Training in our VCM & PVC manufacturing plants as well as Offsites & Utilities plant at village Golap, Tal & Dist. Ratnagiri, Maharashtra for 6 working days during the period from 4<sup>th</sup> March 2024 to 16<sup>th</sup> March 2024.

During her In-plant training duration in our Company, we found her as hard working, sincere and diligent student and her behaviour and conduct was very good.

We wish her all the best in her all future endeavours.

For FINOLEX INDUSTRIES LIMITED

  
**Satyabrata Nayak**  
Asst General Manager-HR





साथ सौं कर्मचारी की ओर

पंजीकृत कार्यालय : "प्रियदर्शनी", ईस्टर्न एक्सप्रेस हाइवे, मुंबई - 400 022.

REGD. OFFICE : 'PRIYADARSHINI', EASTERN EXPRESS HIGHWAY, MUMBAI - 400 022.

वेबसाइट / Website : www.rcfltd.com • CIN No. : L24110MH1978GOI020185

HUMAN RESOURCE DEVELOPMENT DEPARTMENT

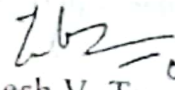
INTERNSHIP CERTIFICATE

Name : Mr. Mahesh Anil Suryawanshi  
Institution : Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon (Sangli), Maharashtra  
Discipline : Chemical Engineering  
Period of Training : 06/02/2024 to 05/03/2024  
Leave taken during training: Nil  
Weekly Off & Holidays : 5 days  
Actual Training Days : 24 days  
Nature of Training : Study on Manufacturing Process of Nitric Acid

Report of Training

Aspects	Very Good	Good	Fair	Average	Below Average
1. Conduct	√	--	--	--	--
2. Punctuality	√	--	--	--	--
3. Knowledge	√	--	--	--	--
4. Interview Rating	√	--	--	--	--
5. Diary Rating	--	√	--	--	--

Internship has been imparted under the guidance of Mr. Anil M. Gaikwad, Sr. Manager (Nitric Acid Group) in High Pressure Nitric Acid (HPNA) Plant.

  
(Umesh V. Tembhare)  
Dy. General Manager (HRD)

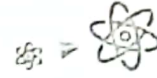
Date: 05/03/2024

उमेश वी. तेंभरे  
Umesh V. Tembhare  
Dy. General Manager (HRD)  
राष्ट्रीय उर्वरक एवं फर्टिलाइजर्स लिमिटेड  
Rashtriya Urvak and Fertilizers Limited



22

पुणे/मुंबई-४०० ०८५  
भारत/INDIA



NEW INDIA - 75  
भारत की अर्धशताब्दी

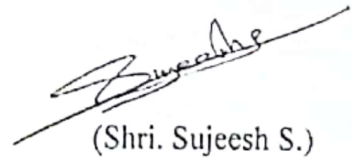
## Chemical Technology Division

26 April 2024

To whomsoever it may concern

This is to certify that Ms. Namrata Uttamrao Patil, Final year student of B.Tech Chemical Engineering, Padmabhooshan Vasandraodada Patil Institute of Technology, Sangli - 416304, has undergone training in Chemical Technology Division, Bhabha Atomic Research Centre, Trombay from 01/02/2024 to 30/04/2024. During the above mentioned training period, she studied Iodine-Sulfur process, Decomposition of  $H_2SO_4$  using hot flue gas as heating media and design of a Double Pipe Heat Exchanger with Helical Fins, along with associated unit operations and processes. She has carried out a preliminary process design of Double Pipe Heat Exchanger in two different geometries (Double pipe & Helical fins) and compared the two designs for Decomposition of  $H_2SO_4$  using hot flue gas. The design of Double Pipe Heat Exchanger with Helical fins will be used for decomposition of  $H_2SO_4$  into  $SO_2$ , Water and Oxygen.

During the above mentioned period she was found sincere and hardworking with keenness to learn the R&D aspects of process. I wish all the best for her bright career.

  
(Shri. Sujeesh S.)

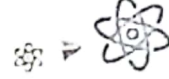
Scientific Officer (F)  
वैज्ञानिक अधिकारी (F)  
Scientific Officer (F)  
रसायन प्रौद्योगिकी प्रभाग  
Chemical Technology Division  
भा.प.अ. केंद्र/भारत सरकार  
B A R C / Govt. of India  
मुंबई/Mumbai - 400 085





26

ट्रम्बे TROMBAY  
मुंबई MUMBAI 400 085  
भारत INDIA



NEW INDIA - 75  
आजारी का अमृत व्रतम्भार

## Chemical Technology Division

26 April 2024

To whomsoever it may concern

This is to certify that Shri. Pranav Prakash Shinde, Final year student of B.Tech Chemical Engineering, Padmabhooshan Vasanttraodada Patil Institute of Technology, Sangli - 416304, has undergone training in Chemical Technology Division, Bhabha Atomic Research Centre, Trombay from 01/02/2024 to 30/04/2024. During the above mentioned training period, he studied Prosim<sup>®</sup> Software and analytical procedures for chemical samples using potentiometric titration and Gas Chromatography. He studied different types of titration methods and analysis procedures. He has carried out potentiometric titration of plant chemical samples which includes corrosive chemicals and standardization of Analytical solutions used for quantitative analysis.

During the above mentioned period he was found sincere and hardworking with keenness to learn the R&D aspects of process. I wish all the best for his bright career.

(Dr. Nafees V. Ahmed)

Scientific Officer (F)  
वेद्यमानव अडिकारी (F)  
Scientific Officer ( F )  
रसायन विभागाचे प्रमुख  
Chemical Technology Division  
भा.प.अ.के./भारत सरकार  
B.A.R.C./Govt. of India  
मुंबई/Mumbai-400 085





सत्यमेव जयते

Government of India  
Bhabha Atomic Research Centre

Certificate

This is to certify that **Mr. Hanmant Shendage** has successfully completed his B.Tech. project work on “**Study of Liquid Phase catalytic exchange reaction on Pt/C/PTFE catalyst**” for the partial fulfillment of Degree of Bachelor of Technology in Chemical Engineering. This work was carried out under my supervision during the period of January-2024 to May-2024.

Shri Krunal Mistry,  
Scientific Officer,  
Heavy Water Division,  
Bhabha Atomic Research Centre




सत्यमेव जयते

Government of India  
Bhabha Atomic Research Centre

### Certificate

This is to certify that **Mr. Vaibhav Phadatare** has successfully completed his B.Tech. project work on “**Study of Liquid Phase catalytic exchange reaction on Pt/C/PTFE catalyst**” for the partial fulfillment of Degree of Bachelor of Technology in Chemical Engineering. This work was carried out under my supervision during the period of January-2024 to May-2024.

  
Shri Krunal Mistry,  
Scientific Officer,  
Heavy Water Division,  
Bhabha Atomic Research Centre



# सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत

CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India



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## Internship Certificate

This is to certify that **Mr. Abdulrahim Ishaque Khan** (श्री अब्दुलरहीम इसहाक खान) from Padmabhooshan Vasanttraodada Patil Institute of Technology, Budhgaon, Sangli completed his internship project work under my supervision at CSIR-National Chemical Laboratory, Pune. He worked on the project titled "ASPEN PLUS SIMULATIONS OF CO<sub>2</sub> CAPTURE BY USING AMINES" from 15/01/2024 to 15/05/2024. The contents of the report, in full or in parts, have not submitted to any other Institute or University for the award of any degree or diploma

Research Supervisor

डॉ. संतोष कुमार श्रीरामोजु | Dr. Santosh K. Sriramoju

वैज्ञानिक और सहायक प्राध्यापक | Scientist & Assistant Professor

रसायन अभियान्तिकी और प्रक्रिया विकास विभाग | Chemical Engineering & Process Development Division

वैज्ञानिक / SCIENTIST

राष्ट्रीय रासायनिक प्रयोगशाला

CSIR-NATIONAL CHEMICAL LABORATORY

पुणे / PUNE-411008

	☎	FAX	WEBSITE
Communication Channels	NCL Level DID : 2590 NCL Board No : +91-20-25902000 EPABX : +91-20-25893300 : +91-20-25893400	Director's Office : +91-20-25902601 COA's Office : +91-20-25902660 SPO's Office : +91-20-25902664	www.ncl-india.org





सत्यमेव जयते

Government of India  
Bhabha Atomic Research Centre

### Certificate

This is to certify that **Mr. Pranav Nirmal** has successfully completed his B.Tech. project work on "Study of Liquid Phase catalytic exchange reaction on Pt/C/PTFE catalyst" for the partial fulfillment of Degree of Bachelor of Technology in Chemical Engineering. This work was carried out under my supervision during the period of January-2024 to May-2024.

Shri Krunal Mistry,  
Scientific Officer,  
Heavy Water Division,  
Bhabha Atomic Research Centre

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**INTERNSHIP CERTIFICATE**

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Akshay Ramesh Awati, final year student of B. Tech, Chemical Engineering of Padmabhooshan Vasantrodada Patil Institute of Technology, Budhgaon has successfully completed a summer internship in the field of Process Engineering and Sales & Marketing from 1st February 2024 to 1st May 2024 under the guidance of Fluid Mixing Technologies.

During his internship program with us he had been involved in Project execution, Sales and Marketing activities at our company and was found diligent, hardworking and inquisitive.

We wish him every success in his life and career.

For Fluid Mixing Technology

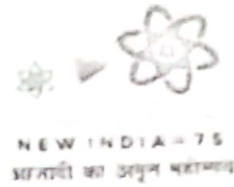


Pratik D. Dikshit  
Director





पुणे ब्रॉडवेय  
मुंबई मुंबई-400 089  
मिडवॉटर



## Chemical Technology Division

26 April 2024

To whomsoever it may concern

This is to certify that Ms. Rohini Rajgonda Patil, Final year student of B.Tech Chemical Engineering, Padmabhooshan Vasantodada Patil Institute of Technology, Sangli -416304, has undergone training in Chemical Technology Division, Bhabha Atomic Research Centre, Trombay from 01/02/2024 to 30/04/2024. During the above mentioned training period, she studied Iodine-Sulfur process,  $H_2SO_4$  Decomposition using hot flue gas as heating media and design of heat exchanger with helical coil and limpet coil, along with associated unit operations and processes. She studied different types of heat exchangers and carried out a preliminary process design of heat exchanger in two different geometries (Limpet coil & Helical coil) and compared the two designs for Decomposition of  $H_2SO_4$  with hot flue gas. The heat exchanger with helical coil and limpet coil will be used for decomposition of  $H_2SO_4$  into  $SO_3$ , Water and Oxygen.

During the above mentioned period she was found sincere and hardworking with keenness to learn the R&D aspects of process. I wish all the best for her bright career.

(Shri. Sujeesh S.)

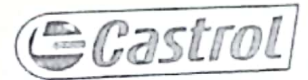
Scientific Officer (F)

पुणे ब्रॉडवेय  
मुंबई मुंबई-400 089  
मिडवॉटर



Castrol India Limited  
Silvassa Plant  
S No 374/2/1,  
Rakholi - Saily Road  
Village Saily,  
Silvassa - 396 230  
Dadra & Nagar Haveli (U.T.)

Tel.: +91 63596 91113  
+91 63596 91114  
+91 63596 91115



36

Date: 24<sup>th</sup> Apr 2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Aditya Shital Vibhute student of B. Tech Chemical Engineering, Batch 2020-2024 has successfully completed his Internship at Castrol India Limited, Silvassa for the period 1<sup>st</sup> Feb 2024 to 24<sup>th</sup> Apr 2024.

During his training period he undergone project on "Chemscale Calculations for Agitator".

During his training he was found hardworking, dedicated, and displayed a motivated and cheerful outlook toward work. His conduct during the period of training was found to be disciplined and exemplary, we wish him all the best for his future endeavours.

For CASTROL INDIA LIMITED

Aditya Mishra



**Registered Office**  
Technopolis Knowledge Park,  
P. O. Box No 19411  
Mahakali Caves Road,  
Chakala, Andheri (East),  
Mumbai - 400 093

CIN : L23200MH1979PLC012359  
Tel : (022) 6698 4100  
Fax : (022) 6698 4101



Castrol India Limited Tel: +91 63596 91111  
Silvassa Plant +91 63596 91111  
S. No. 37421 +91 63596 91111  
Rakhol - Silv Road  
Village Silv  
Silvassa - 396 220  
Dadra & Nagar Haveli (U.T.)

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Date: 24<sup>th</sup> Apr 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Sourabh Tukaram Kore student of B. Tech Chemical Engineering, Batch 2020-2024 has successfully completed his Internship at Castrol India Limited, Silvassa for the period 1<sup>st</sup> Feb 2024 to 24<sup>th</sup> Apr 2024.

During his training period he undergone project on "Chemscale Calculations for Agitator".

During his training he was found hardworking, dedicated, and displayed a motivated and cheerful outlook toward work. His conduct during the period of training was found to be disciplined and exemplary, we wish him all the best for his future endeavours.

**For CASTROL INDIA LIMITED**

**Aditya Mishra**

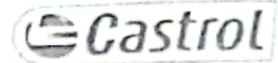


**Registered Office**  
Technopolis Knowledge Park,  
P. O. Box No. 19411  
Mahakali Caves Road,  
Chakala, Andheri (East),  
Mumbai - 400 093

CIN : L23200MH1979PLC012359  
Tel: (022) 6693 4100  
Fax: (022) 6693 4101



Castrol India Limited  
Silvassa Plant  
S. No. 374/2/1  
Rakhpal - Sussy Road  
Village Sully  
Silvassa - 396 230  
Dadra & Nagar Haveli (U.T.)



Date: 24<sup>th</sup> Apr 2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Onkar Sanjay Kore student of B. Tech Chemical Engineering, Batch 2020-2024 has successfully completed his Internship at Castrol India Limited, Silvassa for the period 1<sup>st</sup> Feb 2024 to 24<sup>th</sup> Apr 2024.

During his training period he undergone project on "Review and Standardization of Batch Cycle Time".

During his training he was found hardworking, dedicated, and displayed a motivated and cheerful outlook toward work. His conduct during the period of training was found to be disciplined and exemplary, we wish him all the best for his future endeavours.

**For CASTROL INDIA LIMITED**

**Aditya Mishra**



**Registered Office**  
Technopolis Knowledge Park,  
P. O. Box No. 19411  
Mahakali Caves Road,  
Chakala, Andher (East),  
Mumbai - 400 033

CIN : L23200MH1979PLC012359  
Tel.: (022) 6698 4100  
Fax.: (022) 6698 4101



Date: 23<sup>rd</sup> May, 2024

To Whom It May Concern

This is to certify that Mr. Tejas Suresh Nalawade was intern in our company Harmony Organics Pvt. Ltd. from 8<sup>th</sup> February, 2024 to 10<sup>th</sup> May, 2024(Three Months) as Internship Student.

During his training, He has covered all Production related activities and awareness training

We wish him success in all his future assignments.

For Harmony Organics Pvt. Ltd.



Shahaji Khartode

HR & Admin

*Quality that Smells Excellence*

Harmony Organics Private Limited

Pune Office : 124-127, Fortune Estate, East Block, Pune Solapur Road, Hadapsar, Pune - 411 028 MH  
Mumbai Office : Office No. 705, ACME Plaza, Andheri Kurla Road, Andheri (East), Mumbai - 400 059 MH  
Contact Numbers : ☎ +91 2065209021 / 8956084291 | ✉ info@harmonyorganics.in  
Corporate ID No. : U24110PN2003PTC200427 | 🌐 www.harmonyorganics.in

# SUDARSHAN

Sudarshan Chemical Industries Limited  
B-1 MIDC Estate, Dahanu Road,  
Dahanu, District Raigad, Maharashtra  
Tel: +91 2082 261 200 Fax: +91 2082 261 201

## CERTIFICATE

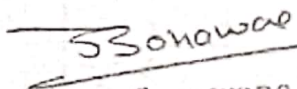
### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Omkar Nitin Mohite has successfully completed his Internship in our organization from 19<sup>th</sup> February 2024 to 18<sup>th</sup> March 2024.

During this Internship, he has undergone industrial training in our company situated at Roha Dist. Raigad.

We wish him success in all his future endeavours.

For SUDARSHAN CHEMICAL INDUSTRIES LTD.

  
Shantaram Sonawane  
Sr. HR Manager



Place: Roha  
Date: 19.03.2024

Sudarshan Chemical Industries Limited  
Registered Office  
Ujvesh West Pooreshih, 7th Flr, Survey No. 25,  
New PAN Card Club Road, Baram, Pune - 411 001  
Tel. No. +91 20 882 01 700  
Email: cgr@scil.co.in  
www.sudarshan.com



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## ORCINUS PROCESS TECHNOLOGIES PRIVATE LIMITED

Kind Attention: Miss. Sakshi Thombare,

Sub: Appointment Letter for 5-Month Internship Program.

Dear Miss Sakshi,

We are very happy to inform you that you have been selected for the **Internship Program** in our organization at a monthly stipend of **INR 6,000/-** From **1<sup>st</sup> January 2024** to **30<sup>th</sup> May 2024** under the following terms and conditions.

- Working hours will be from 10:00 AM to 5:30 PM [Monday to Saturday].
- During your training period there will be 2 sick leaves granted apart from Weekly Off and National Holidays.
- Accommodation, Local Transportation, and Food will be managed by the Candidate.
- Tea (Morning and Afternoon) will be provided by the Company.
- Diary and general stationery will be provided by the Company.
- Candidate has to submit their Project Report based on the training provided by us.
- During your training period we can review and notice your performance and based on that we have mentioned the genuine performance on the Experience Letter.
- You will get an Experience letter only after the completion of your 5-month Period and submission of your Project Report.

**For Orcinus Process Technologies Private Limited.**



**Gaurav Khade**  
Managing Director

[WWW.ORCINUS.IN](http://WWW.ORCINUS.IN)



55



## ORCINUS PROCESS TECHNOLOGIES PRIVATE LIMITED

Kind Attention: Mr. Sarvesh Sandeep Patil,

Sub: Appointment Letter for 5-Month Internship Program.

Dear Mr. Sarvesh,

We are very happy to inform you that you have been selected for the **Internship Program** in our organization at a monthly stipend of **INR 6,000/-** From **1<sup>st</sup> January 2024** to **30<sup>th</sup> May 2024** under the following terms and conditions.

- Working hours will be from 10:00 AM to 6:00 PM [Monday to Saturday].
- During your training period there will be 2 sick leaves granted apart from Weekly Off and National Holidays.
- Accommodation, Local Transportation, and Food will be managed by the Candidate.
- Tea (Morning and Afternoon) will be provided by the Company.
- Diary and general stationery will be provided by the Company.
- Candidate has to submit their Project Report based on the training provided by us.
- During your training period we can review and notice your performance and based on that we have mentioned the genuine performance on the Experience Letter.
- You will get an Experience letter only after the completion of your 5-month Period and submission of your Project Report.

**For Orcinus Process Technologies Private Limited.**



**Gaurav Khade**  
Managing Director

**WWW.ORCINUS.IN**







पंजीकृत कार्यालय : "प्रियदर्शनी", ईस्टर्न एक्सप्रेस हाइवे, मुंबई - 400 022.

REGD. OFFICE : 'PRIYADARSHINI', EASTERN EXPRESS HIGHWAY, MUMBAI - 400 022.

वेबसाइट / Website : www.rcfftd.com • CIN No. : L24110MH1978GOI020185

HUMAN RESOURCE DEVELOPMENT DEPARTMENT

INTERNSHIP CERTIFICATE


Name : Mr. Harshvardhan Mangeshkumar TatheDeshmukh  
Institution : Padmabhooshan Vasanttraodada Patil Institute of  
Technology, Budhgaon (Sangli), Maharashtra  
Discipline : Chemical Engineering  
Period of Training : 06/02/2024 to 05/03/2024  
Leave taken during training: One day (10/02/2024)  
Weekly Off & Holidays : 5 days  
Actual Training Days : 23 days  
Nature of Training : Study on Manufacturing Process of Ammonia

Report of Training

Aspects	Very Good	Good	Fair	Average	Below Average
1. Conduct	√	--	--	--	--
2. Punctuality	√	--	--	--	--
3. Knowledge	√	--	--	--	--
4 Interview Rating	√	--	--	--	--
5 Diary Rating	--	√	--	--	--

Internship has been imparted under the guidance of Mr. R. Sasikumar, Chief  
Manager (Chemical) in Ammonia-V Plant.

Date: 05/03/2024

  
(Umesh V. Tembhare)  
Dy. General Manager (HRD)

उमेश व्ही. तेंभरे  
Umesh V. Tembhare  
उप महा प्रबंधक (मानव संसाधन)  
Dy. General Manager (HRD)  
राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड  
Rashtriya Chemicals and Fertilizers Limited

दफ्तर : प्रशासनिक भवन, चेंबूर, मुंबई - 400 074

WORKS : ADMINISTRATIVE BUILDING, CHENBUR





## ORCINUS PROCESS TECHNOLOGIES PRIVATE LIMITED

Kind Attention: Mr. Samarth Suraj Khude,

Sub: Appointment Letter for 5-Month Internship Program.

Dear Mr. Samarth,

We are very happy to inform you that you have been selected for the **Internship Program** in our organization at a monthly stipend of **INR 6,000/-** From **1<sup>st</sup> January 2024** to **30<sup>th</sup> May 2024** under the following terms and conditions.

- Working hours will be from 10:00 AM to 6:00 PM [Monday to Saturday].
- During your training period there will be 2 sick leaves granted apart from Weekly Off and National Holidays.
- Accommodation, Local Transportation, and Food will be managed by the Candidate.
- Tea (Morning and Afternoon) will be provided by the Company.
- Diary and general stationery will be provided by the Company.
- Candidate has to submit their Project Report based on the training provided by us.
- During your training period we can review and notice your performance and based on that we have mentioned the genuine performance on the Experience Letter.
- You will get an Experience letter only after the completion of your 5-month Period and submission of your Project Report.

**For Orcinus Process Technologies Private Limited.**



**Gaurav Khade**  
Managing Director

**WWW.ORCINUS.IN**



**KRISHNA  
ANTIOXIDANTS  
PVT. LTD. UNIT-II**

Reg. No. B-13-B-24 M.T.P. 1488 Maharashtra Govt. Maharashtra  
Maharashtra Veda 1522/A-272721/272728 E. admin@kristal.co.in  
Rdty. Off. 107/108, Rameja Plaza, 15 Shah Industrial Estate, Off Veera Desai  
Road, Andher West, Mumbai 400053 T. +91 2240904100 F. +91 22 40904101  
EMAIL: info@kristal.co.in E. accounts@kristal.co.in www.kristal.co.in

Date : 21/03/2024.

TO WHOM SO-EVER IT MAY CONCERN

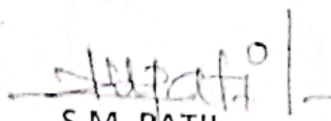
This is certifying to that Mr. Megharaj Ganesh Saravade The student of P.V.P. Institute of technology Budhgaon. Dist-sangli. Has completed his industrial training in our company for the period 20 February,2024 to 20 March 2024. during his in plant training we observed, he has hard working & sincere in his duties. He has picked up the knowledge of administration,production,activities,instrumentation, fire and safety & laboratory analysis in chemical industry very well.

He bears a good morel characters. We wish him all the best in his future. This certificate is issued on this own request.

With best regards,

For KRISHNA ANTIOXIDANTS PVT.LTD.



  
S.M. PATIL  
G.M. (Operations)



पंजीकृत कार्यालय : "प्रियदर्शनी", ईस्टर्न एक्सप्रेस हाइवे, मुंबई - 400 022.

REGD. OFFICE : 'PRIYADARSHINI', EASTERN EXPRESS HIGHWAY, MUMBAI - 400 022.

वेबसाइट / Website : www.rcfltd.com • CIN No. : L24110MH1978GOI020185

HUMAN RESOURCE DEVELOPMENT DEPARTMENT

INTERNSHIP CERTIFICATE

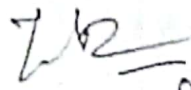
Name : Mr. Ranjit Yuvraj Misal  
Institution : Padmabhooshan Vasanttraodada Patil Institute of  
Technology, Budhgaon (Sangli), Maharashtra  
Discipline : Chemical Engineering  
Period of Training : 06/02/2024 to 05/03/2024  
Leave taken during training: Nil  
Weekly Off & Holidays : 5 days  
Actual Training Days : 24 days  
Nature of Training : Study on Manufacturing Process of Ammonia

Report of Training

Aspects	Very Good	Good	Fair	Average	Below Average
1. Conduct	√	--	--	--	--
2. Punctuality	√	--	--	--	--
3. Knowledge	√	--	--	--	--
4. Interview Rating	√	--	--	--	--
5. Diary Rating	--	√	--	--	--

Internship has been imparted under the guidance of Mr. Nilesh Kulkarni, Sr. Manager (Chemical) in Ammonia-I Plant.

Date: 05/03/2024

  
05/03/2024  
(Umesh V. Tembhare)  
Dy. General Manager (HRD)

उमेश व्ही. टेम्भरे  
Umesh V. Tembhare  
एच.आर.डी. प्रबंधक (अ. व. प्र.)  
Dy. General Manager (HRD)  
राष्ट्रीय रासायनिक एण्ड फर्टिलाइजर्स लिमिटेड  
Rashtriya Chemicals and Fertilizers Limited