

Rayat Shikshan Sanstha's  
SHRISADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE




This to certify that the work incorporated in this industrial internship report entitled "MANUFACTURE OF ETHYL ACETATE FROM ETHYL ALCOHOL AND ACETIC ACID USING CONC.H<sub>2</sub>SO<sub>4</sub> AS A CATALYST" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon affiliated to Savitribai Phule Pune University, Pune by Mr. Manchare Nilesh Ramdas was carried out by him under my supervision. Information obtained from other source has duly acknowledged in this industrial internship report.

Date: 21/05/2022

  
Mr. S.B. Jadhav  
(Plant Incharge)



Examined  
Manchare  
23/05/22

  
Prof. A. K. Deshmukh  
Head of Department  
of Chemistry  
S.S.G.M. College,  
Kopargaon

  
Principal  
S.S.G.M. College  
Kopargaon

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VAT Tin - 27320410664V/C

AN ISO 9001:2015 CERTIFIED

Reg.No.G 283-1960 Did. 28/10/1960

Phone : 02423-224120 to 224125

Fax No. : 02423-224130

GST Provisional ID - 27AAAAT3291R1ZT

**सहकार महर्षी शंकरराव कोल्हे सहकारी साखर कारखाना लि.,**

सहजानंदनगर, पो. शिंगणापूर, ता. कोपरगांव, जि. अहमदनगर (महाराष्ट्र)

**Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd;**

Sahajanandnagar, Post - Shinganapur - 423603, Tal. Kopergaon, Dist. Ahmednagar, (M.S.) (INDIA)

Out word No. :

GO/Safety/2022-2023/ 650

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Mr.Manchare Nilesh Ramdas has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc. H<sub>2</sub>SO<sub>4</sub>" as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.

Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

Admin.Mgr.Certificate/20

Principal  
S.S.G.M.College  
Kopergaon

Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM

AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

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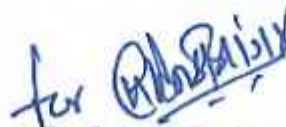


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Date: / /2022

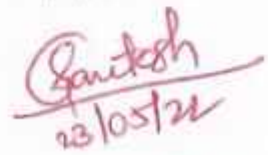


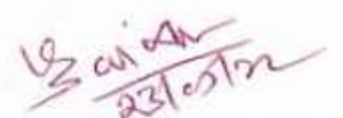
Mr. S.B. Jadhav  
( Plant Incharge)



Prof. A. K. Deshmukh  
Head of Department  
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S S G M College, kopargaon

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Out word No. :

GO/Safety/2022-2023/ 645

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Miss.Kasar Sanyogeeta Suresh has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc. H<sub>2</sub>SO<sub>4</sub>" as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.

Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

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Date: / /2022

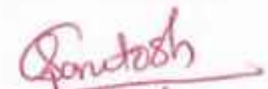
  
Mr. S.B. Jadhav  
( Plant Incharge)

for   
Prof. A. K. Deshmukh  
Head of Department  
of Chemistry  
S S G M College, kopargaon



  
Principal  
S.S.G.M. College  
Kopargaon

Examined

  
23/05/22

Examined

  
21/05/22

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**Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd;**

Sahajanandnagar, Post - Shinganapur - 423603, Tal. Kopergaon, Dist. Ahmednagar, (M.S.) (INDIA)

Out word No. :

GO/Safety/2022-2023/ 658

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Miss.Mahale Vaishnavi Babasaheb has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc. H<sub>2</sub>SO<sub>4</sub>" as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.

  
Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

Admin.Mgr.Certificate/20

  
Principal  
S.S.G.M.College  
Kopergaon

Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM  
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Date: / /2022

Mr. S.B. Jadhav  
( Plant Incharge)

Prof. A. K. Deshmukh  
Head of Department  
of Chemistry  
S S G M College, kopargaon

Examined



Principal  
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Out word No. :

GO/Safety/2022-2023/

652

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Mr.Davange Aniket Prakash has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc. H<sub>2</sub>SO<sub>4</sub>" as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.

Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

Admin.Mgr.Certificate/20

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Date: / /2022

Mr. S.B. Jadhav  
( Plant Incharge)

Prof. A. K. Deshmukh  
Head of Department  
of Chemistry  
S S G M College, kopargaon

Examined

  
25/05/22  
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Out word No. :

GO/Safety/2022-2023/ 651

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Mr.Hon Akshay Madhukar has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc.  $H_2SO_4$ " as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.

  
Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

Admin.Mgr.Certificate/20

  
Principal  
S.S.G.M.College  
Kopergaon

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Date: <sup>20/5/</sup>7/2022

  
Mr. S.B. Jadhav  
(Plant Incharge)

  
Prof. A. K. Deshmukh  
Head of Department  
of Chemistry  
S S G M College, kopargaon

Examined

  
24/05/22

Examined  
  
24/05/22

2 | Page



  
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Out word No. :

GO/Safety/2022-2023/ 652

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Mr.Shinde Abhijeet Kakasaheb has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc.  $H_2SO_4$ " as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.

Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

Admin.Mgr.Certificate/20

Principal  
S.S.G.M.College  
Kopergaon

Rayat Shikshan Sanstha's

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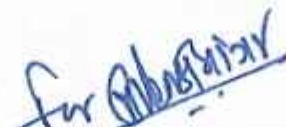
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Date: / /2022

  
Mr. S.B. Jadhav  
( Plant Incharge)

  
Prof. A. K. Deshmukh  
Head of Department  
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S S G M College, kopargaon

Examined  
  
23/05/22



  
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Sahajanandnagar, Post - Shinganapur - 423603, Tal. Kopargaon, Dist. Ahmednagar, (M.S.) (INDIA)

Out word No. :

GO/Safety/2022-2023/ 646

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Miss.Kasar Pratiksha Anil has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc.  $H_2SO_4$ " as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.

  
Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

Admin.Mgr.Certificate/20

  
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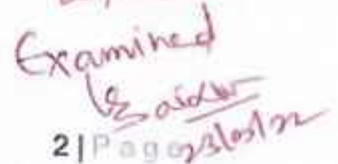
Mr. S.B. Jadhav  
( Plant Incharge)



Prof. A. K. Deshmukh  
Head of Department  
of Chemistry  
S S G M College, kopargaon

Examined

  
23/05/22

Examined  
  
21/05/2022



  
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Date: / /2022

**Mr. S.B. Jadhav**  
( Plant Incharge)

**Prof. A. K. Deshmukh**  
Head of Department  
of Chemistry  
S S G M College, kopargaon

Examined

24/05/22  
Examined  
S. Jadhav



**Principal**  
S.S.G.M. College  
Kopargaon



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Out word No. :

GO/Safety/2022-2023/ 64)

Date :

Date:- 30/04/2022

**CERTIFICATE**

This is to certify that Miss.Kote Ankita Chandrakant has carried out fifteen day's industrial internship report entitled "Manufacturing of Ethyl Acetate from Ethyl Alcohol & Acetic Acid using Conc. H<sub>2</sub>SO<sub>4</sub>" as a catalyst in the Chemical Division of Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd. This industrial internship has been conducted under the guidance of Mr.S.B.Jadhav Sir (Plant Incharge) of Ethyl Acetate & Acetic Acid.

Information studied from other source has duly acknowledged in this industrial internship report.





Administrative Manager (Chemical)  
S.M.Shankarrao Kolhe S.S.K.Ltd;

Admin.Mgr.Certificate/20

Principal  
S.S.G.M.College  
Kopergaon

**Report of Industrial Internship report**

*Department of Chemistry*

Name of Activity	<b>Industrial Internship report</b>
Date of Activity	30/04/2022
Place of visit	Sahakar Maharshi Shankarrao Kolhe Sahakari Sakhar Karkhana Ltd., Saghajananadnagar, Shinganapur. Kopargaon
No. of Participants	9
	
	



  
Principal  
S.S.G.M. College  
Kopargaon