

**VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)
(2020-2021)**

Department of Chemistry

Date: 5/11/2020

Notice

All the Students B.Sc.-III are hereby informed that they should start their project work by following the list attached herewith. Please contact your project guide allotted and follow the instructions accordingly.

You have to submit the completed written projects to department of chemistry in 1st week of February.



S.D. Shirke

Head of the Department

(Dr. Mrs. S.D. Shirke)

**HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**

Vivekanand College, Kolhapur (Autonomous)

Department Of Chemistry

List Of Students For project (2020-2021)

Sr.No.	Name Of Guide	Student Alloted
1.	Dr. Mrs. S.D.Shinde	Miss. Dhanashri K.Benade.
		Miss. Akanksha A. Patil.
		Miss. Shivancee B. Londhe.
		Miss. Rutuja R. Mude.
2.	Dr. Mrs. S.D.Shinde	Miss. Shivancee B. Londhe.
		Miss. Dhanashri K.Benade
		Miss. Akanksha A. Patil
		Miss. Rutuja R. Mude.
3.	Dr. A.A. Patravale	Mr. Satish R. Chavan.
		Miss. Gouri D.kadam.
		Miss. Shubhangi P.Khatangale.
		Mr. Anurag P.Mali.
		Mr. Jabiulla A.Mali.
		Mr. Aniket A.Patil.
		Mr. sohan r.Patil.
4.	Dr. S.D. Shirke.	Miss.trupti A. Punde.
4.	Dr. S.D. Shirke.	Mr.Aakash A.Pawar.
5.	Mr.S.S. kadam.	Mr. Vaibhav S. padaval.
6.	Dr. A.A. Patravale	Mr. Satish R. Chavan.
		Miss. Gouri D.kadam.
		Miss. Shubhangi P.Khatangale.
		Mr. Anurag P.Mali.

		Mr. Jabiulla A.Mali.
		Mr. Aniket A.Patil.
		Mr. sohan r.Patil.
		Miss.Trupti A. Punde.
7.	Dr. S.D. Shirke.	Miss. Snehal A. Chougale.
8.	Dr. S.D. Shirke.	Mr. Sainath S. Kadam.
9.	Dr. S.D. Shirke.	Miss. Shivani S. Nakate.
10.	Mr. S.S. kadam.	Mr. Omkar v. patil.



S.D. Shirke

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



“Education for Knowledge, Science, and Culture”
-Shikshah Maharshi Dr. Bapuji
Salunkhe

VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)
INTERNAL QUALITY ASSURANCE CELL
2020-21



Quality Initiatives/ Activities Report

- 1. Name of Department:** Chemistry
- 2. Name of Organized Activity:** Project Activity
- 3. Date:** : 2020-21
- 4. Duration:** Semester I and II
- 5. Aims and Objectives:**
 - To promote and develop their practical knowledge, the proper understanding of the concept. They should learn how to prepare for certain experiment. To complete the reaction successfully they have to study deeply. They will understand that concept in detail. Also how to prepare the solutions, the concept of normality, molarity and molality etc. several aspects they have to learn and understand . Thus they will become familiar to these preliminary things required for synthetic reactions in organic chemistry, physical , inorganic and analytical experiments. When they will enter after completing UG course in teaching field , in higher education or in research field they can proceed with self confidence and can brighten their carrier.
- 6. No. of beneficiaries:** 70
- 7. No. of participants -** 70
- 8. Expenditure & funding agency:** Department of Chemistry,
Vivekanand College, Kolhapur
- 9. Brief Description:** Department of Chemistry runs this curricular activity every year . During this academic year 2020-21 there was some irregularity due to pandemic Covid period. Still we have given the instructions to the students to do the project suggested by their guides and observing the practical videos, clips for Google, U-tubes etc. They have completed this task in given time.
- 10..Outcomes :**

The students came to know the concepts and ideas in specific scientific method, how to exagurate theoretical concepts into practicals and confirm them. They will become confident to innovate different ideas through the experiments. Preparation of solutions , mixtures of definite normality, molarity is very important task in research and ştudents will be familiar to that which is beneficial to their research carrier.

10. Photos :



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project Report on



"Estimation of Nicotine from Tobacco Leaves"

Submitted To

SHIVAJI UNIVERSITY, KOLHAPUR.

THROUGH

DEPARTMENT OF CHEMISTRY

VIVEKANAND COLLEGE, KOLHAPUR

For partial fulfillment of practical course for the Award of (B.Sc.-III) Degree in Chemistry

Submitted By:

NAME	ROLL NO.
Miss. Nishigandha Shahaji Patil	8077

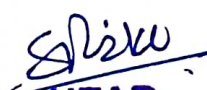
Under the guidance of

Dr. S. D. Shirke

(Assistant Professor)

(2020 - 2021)




HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

"Education for propagation of Knowledge, Achievement and Cultural"

-shikshan Maharishi Dr.Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project report on,

"Synthetic Dyes ."



SUBMITTED BY

Mr. Prasad Dileep Sarate

Class:B.Sc.III

Under The Guidance

Mr.Satish Kadam,

Submitted to

Vivekanand College, Kolhapur

For the year 2020-21



S. D. Sarate
HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

"Education for propagation of Knowledge, Achievement and Cultural"

-shikshan Maharishi Dr.Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project report on

"Estimation Methods of Citral From Lemon Grass."



SUBMITTED BY

Mrs. Shivani Sanjay Nakate

Class:B.Sc.III

Under The

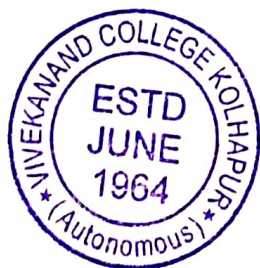
Guidance

Miss.S.D.Shirke

Submitted to

Vivekanand College, Kolhapur

For the year 2020-21



S. D. Shirke

HEAD

**DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur



A Project Report on

"Covid19 Drugs & Vaccines."

Submitted To

SHIVAJI UNIVERSITY, KOLHAPUR.

THROUGH

DEPARTMENT OF CHEMISTRY

VIVEKANAND COLLEGE, KOLHAPUR

For partial fulfillment of practical course for the Award of (B.Sc.-III) Degree in Chemistry

Submitted By:

NAME	ROLL NO.
Mr. Chavan Satish Rangrao	8036
Miss. Kadam Gouri dattatray	8044
Miss. Khatangale Shubhangi Prakash	8052
Mr. Mali Anurag Pundalik	8060
Mr. Mulla Jabiulla Ambubakar	8068
Mr. Patil Aniket Ananda	8076
Mr. Patil Sohan Ramesh	8084
Miss. Punde Trupti Ashok	8092

Under the guidance of

Dr. A A Patravale

(Assistant Professor)

(2020-2021)



g/ike
HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

"&ana, iva&ana AaiNa sausaMskar yaasaazi iSaxaNa p'saar"
-iSaxaNamahYal- Da^.baapUjal saaLuMKo



KOLHAPUR
NAAC Re-Accredited 'A'

A Project Work

**TITLE: "Study of Processes in
Pharmaceutical Industry in Maharashtra"**

Submitted to,

**Department of Chemistry,
Vivekanand College, Kolhapur,**

*For partial fulfillment of practical course for
The Award of B.Sc. Degree in Chemistry*

By

Mr. omkar sanjay patil

GUIDE:

Dr K.A.Undale (sir)

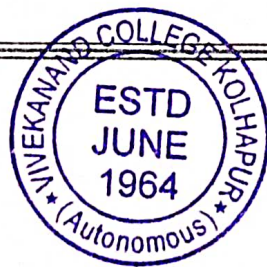
Professor of

Chemistry

Vivekanand College

Kolhapur

2020-2021



sDike

**HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**

(1)

"DISSEMINATION OF EDUCATION FOR KNOWLEDGE, SCIENCE &
CULTURE"

-Shikshanmaharshi Dr. Babuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR (Autonomous)



A PROJECT WORK

" ANALYSIS OF FERTILIZER "

Submitted to,

Department of chemistry

For partial fulfillment of practical course for
the Award of B.Sc. Degree in Chemistry

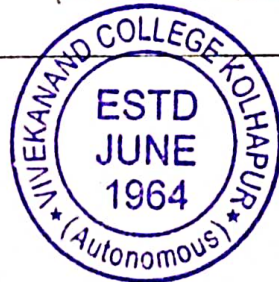
By

Miss. Priyanka Sanjay Patil

GUIDANCE

Dr. Mrs. S.D.Shinde

(2020-2021)



S. D. Shinde

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project Report on



“Estimation of Nicotine from Tobacco Leaves”

Submitted To

SHIVAJI UNIVERSITY, KOLHAPUR.

THROUGH

DEPARTMENT OF CHEMISTRY

VIVEKANAND COLLEGE, KOLHAPUR

For partial fulfillment of practical course for the Award of (B.Sc.-III) Degree in Chemistry

Submitted By:

NAME	ROLL NO.
Mr. Aakash Anandrao Pawar	8085

Under the guidance of

Dr. S. D. Shirke

(Assistant Professor)

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

NAAC Re-Accredited 'A' College with Potential For
Excellence "Star College" By D.B.T. Govt. of College

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Aakash Anandrao Pawar of Class **B.SC. –III(Chemistry)**
has satisfactorily complete the project work on the title "**Estimation of
Nicotine from Tobacco Leaves** " as a partial fulfillment of the practical course for
the Award of B.Sc. degree in Chemistry by Shivaji University, Kolhapur.

Date : / 08 /2021



Place : Kolhapur

A handwritten signature in blue ink, appearing to read "S.D. Shirke".

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

Examiners

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

"Education for propagation of Knowledge, Achievement and Cultural"

-shikshan Maharishi Dr.Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project report on
" synthetic dyes "



SUBMITTED BY

Mr. Vaibhav Sadashiv Padaval

Class:B.Sc.III

Under The

Guidance

Mr.S.S.Kadam

Submitted to

Vivekanand College, Kolhapur

For the year 2020-21

SYNTHETIC DYES.
GUIDANCE CERTIFICATE

This is to certify that,

Mr. Vaibhav Sadashiv Padaval has satisfactorily carried out the project work entitled "SYNTHETIC DYES" for Vivekanand College (Autonomous), Kolhapur as partial fulfillment of course B.Sc. Chemistry of Shivaji University Kolhapur for academic year 2020-21. To best of my knowledge and belief the project presented by them is their original work and not copied from any source.

Date:

Place: Kolhapur




(s.s.kadam)


HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

) & Head of
Department
(Project Guide)

“Education for propagation of Knowledge, Achievement and Cultural”

-shikshan Maharishi Dr.Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project report on

“Estimation Methods of Eugenol from Cloves.”



SUBMITTED BY

Mr. Sainath Subhash Kadam

Class:B.Sc.III

Under The

Guidance

Miss.S.D.Shirke

Submitted to

Vivekanand College, Kolhapur

For the year 2020-21

Estimation Methods of Eugenol from Cloves.

GUIDANCE CERTIFICATE

This is to certify that,

Mr. Sainath Subhash Kadam has satisfactorily carried out the project work entitled "Estimation Methods of Eugenol from Cloves" for Vivekanand College (Autonomous), Kolhapur as partial fulfillment of course B.Sc. Chemistry of Shivaji University Kolhapur for academic year 2020-21. To best of my knowledge and belief the project presented by them is their original work and not copied from any source.

Date:

Place: Kolhapur



A handwritten signature in blue ink, appearing to read "S.D. Shirke".

(S.D. Shirke

) & Head of

Department

(Project Guide)

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

Vivekanand College Kolhapur (Autonomous)

A PROJECT WORK

“Chemical content present in cold drinks
& its effect on human health.”

Submitted to,

Department of Chemistry, 

Vivekanand College, Kolhapur. (Autonomous)

For partial fulfilment of practical course for

The Award of B.Sc. Degree in Chemistry.

By : Miss. Dhanashri Keushnat Benade.

Miss. Akanksha Ashok Patil.

Miss. Shivaneer Bhimrao Londhe.

Miss. Rutuja Ramchandra Mude

Guidance : Dr. Mrs. S. D. Shinde.

2020-2021

Vivekanand College

Kolhapur

Certificate

This is certify that miss. Dhanashei
Keushnat Benade. Class. B.Sc. III, Roll No. 8034
has successfully complete the project work of
Vivekanand College Kolhapur, (Autonomous) during
the year 2020-2021.

Date : 12-08-2021

Place : Kolhapur

PRN : 2018037505

Exam seat No. :



[Signature]

Teacher in charge

Examinee

[Signature]

H.O.D.

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

Vivekanand college, Kolhapur.

(Autonomous).

A PROJECT WORK

• Submitted to,

Department of Chemistry.

Vivekanand College, Kolhapur. (Autonomous).

For partial fulfilment of practical courses for

The Award of B.Sc. Degree in Chemistry.

By: Miss. Shivaneer Bhimrao Londhe.

- Miss. Dhanashri Krushnat Benade

- Miss. Akanksha Ashok Patil.

- Miss. Rutuja Ramchandra Mude

Guidance: Dr. Mrs. S.D. Shinde.

2020-2021.

Vivekanand College, Kolhapur

(Autonomous).

Certificate:-

This is certify that miss. Shivane
Bhimrao Londhe . Class . B.Sc-III , Roll NO = 8058
has Successfully Complete the project work of
vivekanand college , Kolhapur , (Autonomous) during
the year 2020-21.

Date:

Place : Kolhapur .

PRN : 2018037550 .

Exam Seat NO : 8058 .



[Signature]

Teacher in charge .

Examiner

[Signature]

H.O.D.
HEAD

DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project Report on



“Covid19 Drugs & Vaccines.”

Submitted To

SHIVAJI UNIVERSITY, KOLHAPUR.

THROUGH

DEPARTMENT OF CHEMISTRY

VIVEKANAND COLLEGE, KOLHAPUR

For partial fulfillment of practical course for the Award of (B.Sc.-III) Degree in Chemistry

Submitted By:

NAME	ROLL NO.
Mr. Chavan Satish Rangrao	8036
Miss. Kadam Gouri dattatray	8044
Miss. Khatangale Shubhangi Prakash	8052
Mr. Mali Anurag Pundalik	8060
Mr. Mulla Jabiulla Ambubakar	8068
Mr. Patil Aniket Ananda	8076
Mr. Patil Sohan Ramesh	8084
Miss. Punde Trupti Ashok	8092

Under the guidance of

Dr. A A Patravale

(Assistant Professor)



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur



NAAC Re-Accredited 'A' College with Potential For Excellence

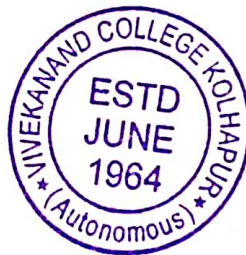
"Star College" By D.B.T. Govt. of College

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Khatangle Shubhangi Prakash of Class B.Sc. - III (Chemistry) has satisfactorily completed the project work on the title "Covid19 – Drugs & Vaccines" as a partial fulfillment of the practical course for the Award of B.Sc. degree in Chemistry by Shivaji University, Kolhapur."

Date : 11 / 08 / 2021



Place : Kolhapur

Dr. S. D. Shirke

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

Examiners

Dr. A. A. Patravale

Dr. A. A. Patravale
Project Guide
Assistant Professor

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

“Education for propagation of Knowledge, Achievement and Cultural”

-shikshan Maharishi Dr.Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project report on

“Estimation Methods of Eugenol from Cloves.”



SUBMITTED BY

Snehal Anil Chougule

Class:B.Sc.III

Under The

Guidance

Miss.S.D.Shirke

Submitted to

Vivekanand College, Kolhapur

For the year 2020-21

Estimation Methods of Eugenol from Cloves.

GUIDANCE CERTIFICATE

This is to certify that,

Snehal Anil Chougule has satisfactorily carried out the project work entitled "Estimation Methods of Eugenol from Cloves" for Vivekanand College (Autonomous), Kolhapur as partial fulfillment of course B.Sc. Chemistry of Shivaji University Kolhapur for academic year 2020-21. To best of my knowledge and belief the project presented by them is their original work and not copied from any source.

Date:

Place: Kolhapur



A handwritten signature in blue ink that reads "S.D. Shirke".

(S.D. Shirke

) & Head of

Department

(Project Guide)

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur



A Project Report on

“Synthesis of azo dye from alpha naphthol”

Submitted To

DEPARTMENT OF CHEMISTRY

VIVEKANAND COLLEGE, KOLHAPUR

For partial fulfillment of practical course for the Award of(B.Sc.-III) Degree in Chemistry

Submitted By:

NAME	ROLL NO.
Mr. Omkar Vilas Patil	8079

**Under the
guidance of**

Mr. Satish Kadam
(Assistant Professor)



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur



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Excellence "Star College" By D.B.T. Govt. of College

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that **Mr. Omkar Vilas Patil** of Class B.Sc. - III (Chemistry) has satisfactorily completed the project work on the title "Synthesis of azo dye from alpha naphthol." as a partial fulfillment of the practical course for the Award of B.Sc. degree in Chemistry by Vivekanand college Kolhapur(Autonomous).

Date : 14/08/2021

Place : Kolhapur

Dr.S.D. SHIRKE

Head of Department
Vivekanand College, Kolhapur

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(Autonomous)

Examiners



Mr. Satish Kadam

Project Guide
Assistant Professor



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

A Project Report on



“Covid19 Drugs & Vaccines.”

Submitted To

SHIVAJI UNIVERSITY, KOLHAPUR.

THROUGH

DEPARTMENT OF CHEMISTRY

VIVEKANAND COLLEGE, KOLHAPUR

For partial fulfillment of practical course for the Award of (B.Sc.-III) Degree in Chemistry

Submitted By:

NAME	ROLL NO.
Mr. Chavan Satish Rangrao	8036
Miss. Kadam Gouri dattatray	8044
Miss. Khatangale Shubhangi Prakash	8052
Mr. Mali Anurag Pundalik	8060
Mr. Mulla Jabiulla Ambubakar	8068
Mr. Patil Aniket Ananda	8076
Mr. Patil Sohan Ramesh	8084
Miss. Punde Trupti Ashok	8092

Under the guidance of

Dr. A A Patravale

(Assistant Professor)



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur



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"Star College" By D.B.T. Govt. of College

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Punde Trupti Ashokof Class B.Sc. - III (Chemistry) has satisfactorily completed the project work on the title "Covid19 – Drugs & Vaccines" as a partial fulfillment of the practical course for the Award of B.Sc. degree in Chemistry by Shivaji University, Kolhapur."

Date : 14 / 08 /2021



Place : Kolhapur

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

Examiners

Dr. A. A. Patravale
Project Guide
Assistant Professor

HEAD
DEPARTMENT OF CHEMISTRY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)