




Dapoli Education Society's
Dapoli Urban Bank Senior Science Collage Dapoli

Department: Chemistry

Academic Year: 2022-23

Avishkar Project

Name of the student	Class	Name of Project title	Name of Guide
Tambe Sana a Sattar, Mayuresh C. Depolkar, Ketan S. Shinde	M.Sc.II	Oil Extraction and Perfume formulation from locally available Lemongrass Leaves	Ass. Prof. Shantanu S. Kadam
Sayuri Sanjay Kalaskar, Sanika Rajendra Chavan	Tybsc	Removal of Toxicity of Fluoride From Water Sample Using Natural Substances	Assi. Prof M. N Lad


(Dr. B. B. Sathle)

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist.- Ratnagiri


Principal
Dapoli Education Society's
Dapoli Urban Bank Senior Science College
Dapoli, Dist. Ratnagiri

Dapoli Urban Bank Senior Science College, Dapoli
Department of Chemistry
2022-23
Project Allotment List



Sr. No	Student name	Guide Name	Subject	Course Code:
1	Shewale Tejas Krishnat	Dr. G. B. Sathe	Analytical Chemistry	USCH604
2	Gaikwad Ganesh Tanaji	Dr. G. B. Sathe	Organic Chemistry	PSCHO301
3	Jadhav Pratiksha Prakash	Dr. G. B. Sathe	Organic Chemistry	PSCHO302
4	Jadhav Rohit Shivaji	Dr. G. B. Sathe	Organic Chemistry	PSCHO303
5	Kate Pooja Vilas	Dr. G. B. Sathe	Organic Chemistry	PSCHO304
6	More Prasad Waman	Dr. G. B. Sathe	Organic Chemistry	PSCHO305
7	Pawar Monali Sambhaji	Dr. G. B. Sathe	Organic Chemistry	PSCHO306
8	Shinde Akanksha Sunil	Dr. G. B. Sathe	Organic Chemistry	PSCHO307
9	Achrekar Jarnos Ashique	Dr. G. S. Gore	Analytical Chemistry	USCH604
10	Depolkar Mayuresh Chandrakant	Dr. G. S. Gore	Analytical Chemistry	USCH605
11	Pawar Sayali Avinash	Dr. G. S. Gore	Analytical Chemistry	USCH606
12	Salunkhe Akshay Ramchandra	Dr. G. S. Gore	Analytical Chemistry	USCH607
13	Salunkhe Rutuja Sambhaji	Dr. G. S. Gore	Analytical Chemistry	USCH608
14	Sankulkar Hrutik Rajan	Dr. G. S. Gore	Analytical Chemistry	USCH609
15	Mandkepatil Suraj Anil	Dr. G. S. Gore	Organic Chemistry	PSCHO307
16	Pawar Abhishek Ramesh	Dr. G. S. Gore	Organic Chemistry	PSCHO308
17	Lingayat Akshta Mahendra	Mr. K.V. Gandhi	Analytical Chemistry	USCH608
18	Chafekar Hasnain Moinuddin	Mr. K.V. Gandhi	Organic Chemistry	PSCHO308
19	Kadam Varadraj Bharat	Mr. K.V. Gandhi	Organic Chemistry	PSCHO307
20	Patil Santosh Rajkumar	Mr. K.V. Gandhi	Organic Chemistry	PSCHO308
21	Pawar Sarjerao Baburao	Mr. K.V. Gandhi	Organic Chemistry	PSCHO309
22	Sawant Karan Ashok	Mr. K.V. Gandhi	Organic Chemistry	PSCHO310
23	Tambe Sana Abdul Sattar	Mr. K.V. Gandhi	Organic Chemistry	PSCHO311
24	Yadav Tushar Tanaji	Mr. K.V. Gandhi	Organic Chemistry	PSCHO312
25	Ghule Pranali Arjun	Mr. S.S. Marathe	Analytical Chemistry	USCH608
26	More Nikita Dattaram	Mr. S.S. Marathe	Organic Chemistry	PSCHO314
27	Jadhav Radhika Laxman	Mr. S.S. Marathe	Organic Chemistry	PSCHO315
28	Kadam Anita jagannath	Mr. S.S. Marathe	Organic Chemistry	PSCHO316
29	Malekar Shreeya Mahesh	Mr. S.S. Marathe	Organic Chemistry	PSCHO317
30	Pawar Saurabh Shahaji	Mr. S.S. Marathe	Organic Chemistry	PSCHO318
31	Salve Omkar Macchindra	Mr. S.S. Marathe	Organic Chemistry	PSCHO319
32	Suryawanshi Prathamesh Kiran	Mr. S.S. Marathe	Organic Chemistry	PSCHO320
33	Chavan Manasi Shashikant	Mr. B.A. Yamgar	Analytical Chemistry	USCH608
34	Divekar Mohini Chandrakant	Mr. B.A. Yamgar	Analytical Chemistry	USCH609
35	Pate Tejas Santosh	Mr. B.A. Yamgar	Analytical Chemistry	USCH610
36	Virkar Vaibhav Tanaji	Mr. B.A. Yamgar	Analytical Chemistry	USCH611
37	Rajput Kunal Pratapsingh	Mr. B.A. Yamgar	Analytical Chemistry	USCH612
38	Benere Tejasvi Nitin	Mr. B.A. Yamgar	Organic Chemistry	PSCHO319
39	Jadhav Vaibhav Vitthal	Mr. B.A. Yamgar	Organic Chemistry	PSCHO320
40	Velhal Aishwarya Santosh	Mr. B.A. Yamgar	Organic Chemistry	PSCHO321
41	Duste Usama Ilyas	Mr. M.N. Iad	Analytical Chemistry	USCH611
42	Borle Rutuja Bhiku	Mr. M.N. Iad	Organic Chemistry	PSCHO320
43	Kardekar Anuja Kisan	Mr. M.N. Iad	Organic Chemistry	PSCHO321



44	Patil Nilesh Rajaram	Mr. M.N. Iad	Organic Chemistry	PSCHO322
45	Pawar Payal Satish	Mr. M.N. Iad	Organic Chemistry	PSCHO323
46	Pawar Pranoti Pandurang	Mr. M.N. Iad	Organic Chemistry	PSCHO324
47	Pawar Shankar Vitthal	Mr. M.N. Iad	Organic Chemistry	PSCHO325
48	Pawar Sunil Arvind	Mr. M.N. Iad	Organic Chemistry	PSCHO326
49	Hatkar Romesh Anil	Miss. P.P. Potkar	Analytical Chemistry	USCH611
50	Phadakale Pranit Prabhakar	Miss. P.P. Potkar	Analytical Chemistry	USCH612
51	Raut Sayali Ramesh	Miss. P.P. Potkar	Analytical Chemistry	USCH613
52	Sutar Sandip Suhas	Miss. P.P. Potkar	Analytical Chemistry	USCH614
53	Chavan Akshay Vikas	Mr. S.S. Kadam	Analytical Chemistry	USCH615
54	Admane Ajay Jayvijay	Mr. S.S. Kadam	Organic Chemistry	PSCHO325
55	Gaikwad Sushama Sudhakar	Mr. S.S. Kadam	Organic Chemistry	PSCHO326
56	Nikam Supriya Sanjay	Mr. S.S. Kadam	Organic Chemistry	PSCHO327
57	More Kajal Dinkar	Mr. T.P. Mehta	Organic Chemistry	PSCHO328
58	Patil Sankalp Balasaheb	Mr. T.P. Mehta	Organic Chemistry	PSCHO329
59	Shinde Ketan Sanjeevkumar	Mr. T.P. Mehta	Analytical Chemistry	PSCHO323
60	Khot Suraj Sadashiv	Miss. N.M. Gandh	Organic Chemistry	PSCHO324
61	Shinde Kishor Shivaji	Miss. N.M. Gandh	Organic Chemistry	PSCHO325
62	Khamkar Ganesh Mahendra	Miss. N.M. Gandh	Analytical Chemistry	USCH615
63	Sonavane Sayali Dipak	Mr. D.D. Kulkarni	Analytical Chemistry	USCH616
64	Date Shreya Amol	Mr. D.D. Kulkarni	Organic Chemistry	PSCHO324
65	Pawar Pratik Kantilal	Mr. D.D. Kulkarni	Organic Chemistry	PSCHO324

G. B. Satta

(Dr. G. B. Satta)

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist. - Ratnagiri

Principal
Dapoli Education Society's
Dapoli Urban Bank Senior Science College



University of Mumbai

17th
Aavishkar

Inter-Collegiate/Institute/Department Research Convention
(Zonal Round)
Academic Year 2022-23

Certificate of Participation

This is to Certify that **Mrs. Chavan Sanika Rajendra** of **Dapoli Urban Bank Senior Science College, Dapoli** has participated and presented a Research Project titled **Removal of Toxicity of Fluoride From Water Sample Using Natural Substances** in **Pure Sciences** Category and **UG Level** at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for **Ratnagiri** zone.

Dr. Minakshi Gurav
OSD,
Aavishkar,
University of Mumbai

Dr. Sunil Patil
Director,
Department of Students' Development,
University of Mumbai

December 19, 2022
Lanja, Dist.-Ratnagiri





University of Mumbai

17th
Aavishkar

Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Certificate of Participation

This is to Certify that **Mrs. Kalask Sayuri Sanjay** of **Dapoli Urban Bank Senior Science College, Dapoli** has participated and presented a Research Project titled **Removal of Toxicity of Fluoride From Water Sample Using Natural Substances** in **Pure Sciences** Category and **UG Level** at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for **Ratnagiri** zone.

Dr. Minakshi Gurav

OSD,
Aavishkar,
University of Mumbai

Dr. Sunil Patil

Director,
Department of Students' Development,
University of Mumbai

December 19, 2022
Lanja, Dist.-Ratnagiri





University of Mumbai

17th
Aavishkar

Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Certificate of Participation

This is to Certify that **Mr. Depolkar Mayuresh C** of **Dapoli Urban Bank Senior Science College, Dapoli** has participated and presented a Research Project titled **Oil Extraction and Perfume formulation from locally available Lemongrass Leaves** in **Pure Sciences** Category and **PG** Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for **Ratnagiri** zone.

Dr. Minakshi Gurav

OSD,
Aavishkar,
University of Mumbai

Dr. Sunil Patil

Director,
Department of Students' Development,
University of Mumbai

December 19, 2022
Lanja, Dist.-Ratnagiri





University of Mumbai

17th Aavishkar

Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Certificate of Participation

This is to Certify that **Mr. Shinde Ketan S** of **Dapoli Urban Bank Senior Science College, Dapoli** has participated and presented a Research Project titled **Oil Extraction and Perfume formulation from locally available Lemongrass Leaves** in **Pure Sciences** Category and **PG** Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for **Ratnagiri** zone.

Dr. Minakshi Gurav
OSD,
Aavishkar,
University of Mumbai

Dr. Sunil Patil
Director,
Department of Students' Development,
University of Mumbai



December 19, 2022
Lanja, Dist.-Ratnagiri





University of Mumbai

17th
Aavishkar

Inter-Collegiate/Institute/Department Research Convention

(Zonal Round)

Academic Year 2022-23

Certificate of Participation

This is to Certify that **Mrs. Tambe Sana Sattar** of **Dapoli Urban Bank Senior Science College, Dapoli** has participated and presented a Research Project titled **Oil Extraction and Perfume formulation from locally available Lemongrass Leaves** in **Pure Sciences** Category and **PG** Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Arts, Commerce and Science College, Lanja, Dist.-Ratnagiri on December 19, 2022 for **Ratnagiri** zone.

Dr. Minakshi Gurav

OSD,
Aavishkar,
University of Mumbai

Dr. Sunil Patil

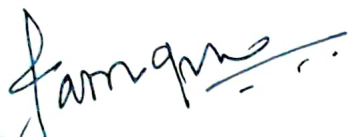
Director,
Department of Students' Development,
University of Mumbai

December 19, 2022
Lanja, Dist.-Ratnagiri



CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**ANALYSIS OF SOIL SAMPLE**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY** embodies the results of piece of bonafide project work carried out by MR. KUNAL PRATAPSINGH RAJPUT under my guidance and supervision.



Dr. Bapu A. Yamgar

Project Guide

Date- 29.4.23

Place- Dapoli Urban Bank Senior Science college Dapoli



Dr. G. B. Sathe

Head of Chemistry Department

Head Dept. of Chemistry

Dapoli Urban Bank Senior Science College.

Dapoli, Dist. - Ratnagiri

EXAMINER

CERTIFICATE

This is to be certified that the project entitled "**EXTRACTIN OF CHITIN AND CHITOSAN FROM SHRIMP WESTE SHELL**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ANALYATICAL CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **MR HRUTIK RAJAN SANKULKAR** under my guidance and supervision.

DATE: 31/5/23

PLACE: Dapoli


Dr. G. B. Sathe

Head of Department
Department of chemist

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College
Dapoli, Dist- Raichuri



Dr. G. S. Gore
Assistant professor
Department of Chemistry

CERTIFICATE

This is to be certified that the project entitled “ **Preparation and Evaluation of polyherbal Hair Oil** “ submitted to the university of Mumbai for the partial fulfillment of the degree of MASTER SCIENCE in the ANALYTICAL CHEMISTRY embodies the result of a piece of bonafide project work carried out by **Miss.RAUT SAYALI RAMESH** under my guidance and supervision.


Dr. G.B. sathé.
Head of department
Department of chemistry
Savitribai Phule Mahila Science College,
Dapodi, Dist. Raigad


Prof. Miss. P. P. Potkar
Assistant professor
Department of chemistry

Signature of Examiner -

CERTIFICATE

This is to certify that the thesis entitled, "**Physicochemical Analysis of Water From Various Sources of Guhagar**" submitted to the University of Mumbai, in the partial fulfillment of the requirements for the degree of **Master Of Science In Analytical Chemistry**, embodies the results of a piece of bonafide research work carried out by **JARNOS A. ACHREKAR** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.


Dr. G.S. Gore
Assistant Professor
Department of Chemistry


Dr. G.B. Sathe
Head of Chemistry
Dapoli Urban Bank Senior Science College
Department of Chemistry
Dapoli, Dist - Ratnagiri

DATE: 04/05/2023

PLACE: Dapoli

EXAMINER

CERTIFICATE

This is to certify that the thesis entitled, "**EXTRACTION AND FORMULATION OF PERFUME FROM LEMONGRASS LEAVES**" submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of Master Of Science In Analytical Chemistry, embodies the results of a piece of bona-fide research work carried out by **Sayali Avinash Pawar** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by him.

DATE: 26/04/2023

PLACE: Dapoli



Dr. G.B. Sathe

Head of Department

Department of Chemistry

Head Dept. of Chemistry

Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Raichuri



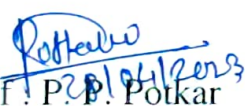
Dr. G.S. Gore

Assistant Professor

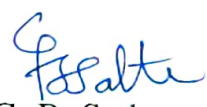
Department of Chemistry

CERTIFICATE

This is to certify that the project report entitled "Preparation of Organic fertilizer" is submitted to university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCEINCE** in the **ANALYTICAL CHEMISTRY** embodies the result of piece of bonafide project work carried out by **Mr. SANDIP SUHAS SUTAR** under the guidance and supervision.


Prof. P. P. Potkar
Assistance Professor
Dept. of chemistry

Examinor


Dr. G. B. Sathe.
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College
Dapoli, Dist - Raichuri
HOD
Dept. of chemistry

Date:

Place: Dapoli Urban Bank Senior Science Collage, Dapoli

Department of Chemistry

CERTIFICATE

This is to certify that,

Miss. Akshata Mahendra Lingayat. Have successfully completed the project on "Analysis of Drinking Water of Khed City, Dist. Ratnagiri". For the partial fulfillment for the Master of Science in Chemistry and D.U.B.S.S.C. Dapoli affiliated to Mumbai University during the academic year 2022-2023. This work present bonafied work of the student under my guidance and satisfactorily carried out and completed projects work for the degree of M.Sc. in Analytical chemistry.



Kailas V. Gandhi

(Assistant Professor)

D.U.B.S.S.C., Dapoli

Place: Dapoli

Date:



Dr. Ghanasham B. Sathe

Head of Department

D.U.B.S.S.C., Dapoli

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri

Examiner

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**ANALYSIS OF SOIL SAMPLE**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY** embodies the results of piece of bonafide project work carried out by **Miss . Mohini Chandrakant Divekar** under my guidance and supervision.



Dr. B.A. Yamgar

(Project Guide)

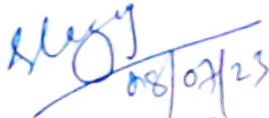
29.4.23

Dr. Sathe G. B



(HOD) Department of
Chemistry

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Raibagiri

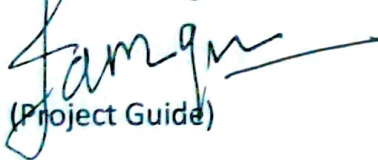


08/07/23
08 III 2023

CERTIFICATE OF GUIDE

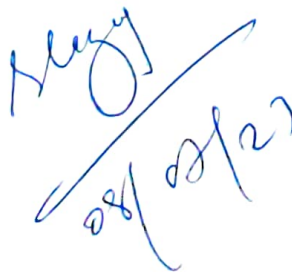
This is to be certified that the project entitled "**ANALYSIS OF SOIL SAMPLE**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY** embodies the results of piece of bonafide project work carried out by **Miss . Manasi Shashikant Chavan** under my guidance and supervision.

Dr. B.A. Yamgar


(Project Guide)

Dr. Sathe G. B

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. Ratnagiri
(HOD) Department of Chemistry


08/08/21

Certificate of Guide

This is to be certified that the project entitled "**Studies of Physiochemical Parameters of Drinking Water Sources of Village Tulshi Budruk Tal – Khed Dist Ratnagiri (M.S.)**" submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ANALYTICAL CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Miss Sonavane Sayali Dipak under my guidance and supervision.



Dr. G. B. Sathe
H.O.D
Department of chemistry



Mr. S. S. Marathe
Assistant Professor
Department of chemistry

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**ANALYSIS OF SOIL SAMPLE**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY** embodies the results of piece of bonafide project work carried out by **Miss . Manasi Shashikant Chavan** under my guidance and supervision.

Dr. B.A. Yamgar



(Project Guide)



Dr. Sathe G. B

Head Dept. of Chemistry

Dapoli Urban Bank Senior Science College,

Dapoli, Dist.- Raichavari

(HOD) Department of Chemistry

CERTIFICATE

This is to be certified that the project entitled " Physicochemical analysis of different brands of chocolate" submitted to the university of Mumbai for the partial fulfillment of the degree MASTER of SCIENCE in the ANALYTICAL CHEMISTRY embodies the result of a piece of bonafide project work carried out by **Miss. SALUNKHE RUTUJA SAMBHAJI** under my guidance and supervision.



Dr. G.B. Sathe
Head of Department
Department of Chemistry
Dapoli, Dist - Ratnagiri

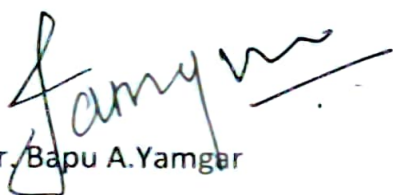


Dr. G.S. Gore
Assistant Professor,
Department of Chemistry

Signature of Examiner

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**ANALYSIS OF SOIL SAMPLE**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY** embodies the results of piece of bonafide project work carried out by MR. KUNAL PRATAPSINGH RAJPUT under my guidance and supervision.



Dr. Babu A. Yamgar

Project Guide

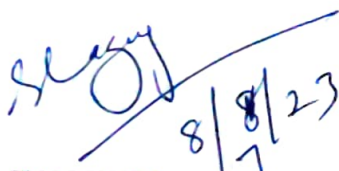
Date-

Place- Dapoli Urban Bank Senior Science college Dapoli



Dr. G. B. Sathe

Head of Chemistry Department
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Raigad



8/8/23
EXAMINER
8 JUL 2023

Dapoli Urban Bank Senior Science College, Dapoli

Dist. Ratnagiri, 415712

CERTIFICATE

This is to certify that the project report entitled "**Oil Extraction and Perfume Formulation From Locally Available Lemongrass Leaves**" is submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ANALYTICAL CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Mr. Phadakale Pranit Prabhakar** under my guidance and supervision
Exam Seat No. 4138783


28/04/2023
Prof. Miss Potkar P.P.

(Project Guide)


Dr. Sathe G. B

HOD (Chemistry Dept.)
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College
Dapoli, Dist - Ratnagiri


8 JUL 2023

Date:

Place: Dapoli Urban Bank Senior Science College, Dapoli

Dapoli Urban Bank Senior Science College, Dapoli

Dist. Ratnagiri, 415712

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**ANALYSIS OF SOIL SAMPLE**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY** embodies the results of piece of bonafide project work carried out by MR. KUNAL PRATAPSINGH RAJPUT under my guidance and supervision.

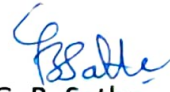


Dr. Babu A. Yamgar

Project Guide

Date- 29.4.2023.

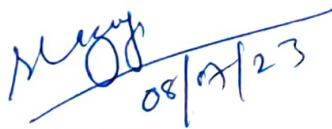
Place- Dapoli Urban Bank Senior Science college Dapoli



Dr. G. B. Sathe

Head of Chemistry Department

Head Dep. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Raichuri



08/07/23

EXAMINER

8 JUL 2023

CERTIFICATE

This is to certify that the thesis entitled, "**Physicochemical Analysis of Water From Various Sources**" submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of **Master Of Science In Analytical Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Mayuresh C. Depolkar** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by him.

DATE:

PLACE:



Dr. G.B. Sathe
Head of Department
Department of Chemistry



Dr. C.S. Gore
Assistant
Professor
Department of Chemistry

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri

CERTIFICATE

This is to certify that the project report entitled “**Analysis of Edible Oil**” is submitted to university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ANALYTICAL CHEMISTRY** embodies the result of piece of bonafide project work carried out by **Mr. TEJAS KRISHNAT SHEWALE** under the guidance and supervision.

Examiners

Dr. G. B. Sathe.

HOD

Dept. of chemistry

Head Dept. of Chemistry

Dapoli Urban Bank Senior Science College

Dapoli, Dist. - Ratnagiri

Date:

Place: Dapoli Urban Bank Senior Science Collage, Dapoli

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "SYNTHESIS AND CHARACTERIZATION OF TRANSITION METAL COMPLEXES DERIVED MIXED LIGANDS" submitted to the University of Mumbai for the partial fulfillment of the degree of MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY embodies the results of a piece of Bonafide project work carried out by Mr. **Duste Usama Ilyas** under my guidance and supervision.



DR.G.B. SATHE
HOD

(Department of chemistry)
Depoli Urban Bank Senior Science College
Dapoi, Dist - Ratnagiri



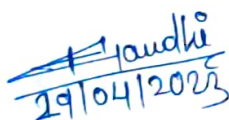
Dr. M. N. Lad

Department of chemistry

Dapoli Urban Bank Senior Science College, Dapoli Dist. Ratnagiri, 415712

CIRTIIFICATE

This is to certify that the project report entitled "*Extraction and Determination of Nicotine in Tobacco from Selected Local Cigarettes Brands in India.*" is submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ANALYTICAL CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Mr. Ganesh Mahendra Khamkar** under my guidance and supervision.


29/04/2023

Prof. Miss GANDHI N.M.

(Project Guide).



Dr. Sathe G. B

HOD (Chemistry Dept.)

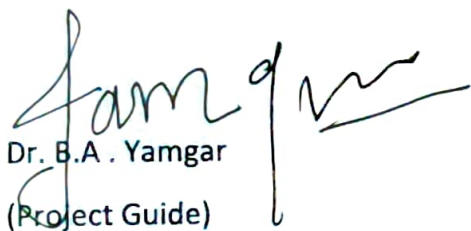
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist. - Ratnagiri

Date :


Place: Dapoli Urban Bank Senior Science College, Dapoli

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**ANALYSIS OF SOIL SAMPLE**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE in the ANALYTICAL CHEMISTRY** embodies the results of piece of bonafide project work carried out by **Mr. Tejas Santosh Pate** under my guidance and supervision.


Dr. B.A. Yamgar
(Project Guide)

29.4.23


Dr. Sathe G. B.
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. Ratnagiri
(HOD) Department of
Chemistry

Certificate of Guide

This is to be certified that the project entitled "**Studies of Physico-Chemical Parameters of Drinking Water Sources in Residential Colonies of Mahalaxmi Road Dapoli (M.S.)**" submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Miss Ghule Pranali Arjun under my guidance and supervision.



Dr. G. B. Sathe

H.O.D. Dept. of Chemistry
Dapoli Urban Bank Senior Science College
Department of Chemistry
Dapoli, Dist. - Ratnagiri



Mr. S. S. Marathe
Assistant Professor
Department of chemistry

Dapoli Urban Bank Senior Science College, Dapoli
Dist. Ratnagiri, 415712

CERTIFICATE

This is to certify that the project report entitled Is *Comparative Study of Rate of Fermentation of Fruit and Vegetable Waste* submitted to the University of Mumbai for the partial fulfilment of the degree of *MASTERS OF SCIENCE* in the **Chemistry** embodies the results of a piece of bonafide project work carried out by Miss. **Sushama Sudhakar Gaikwad** under my guidance and supervision.

Prof. Mr. Shantanu Kadam
(Project Guide)

Dr. G. B. Sathe

Head Dept. of Chemistry
HOD, Chemistry Dept.
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri

Date: 03/05/2023

Place- Dapoli Urban Bank Senior Science College Dapoli ,Dist. Ratnagiri,
415712.

Certificate of Guide

This is to certify that the project entitled "**Synthesis of Schiff-Bases with Ni-complex**" submitted to the university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of Bonafide project work carried out by Mr. More Prasad Waman under my guidance and supervision.



Dr. G. B. Sathe

PROJECT GUIDE



Dr. G. B. Sathe

H.O.D. CHEMISTRY DEPARTMENT

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Ratnagiri

EXAMINER



Prasad Waman More.

Certificate of Guide

This is to certify that the project entitled "**Synthesis of Schiff-Bases with Ni-complex**" submitted to the university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of Bonafide project work carried out by Mr. More Prasad Waman under my guidance and supervision.



Dr. G. B. Sathe

PROJECT GUIDE

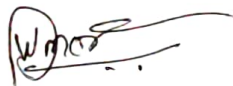


Dr. G. B. Sathe

H.O.D. CHEMISTRY DEPARTMENT
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist. - Ratnagiri



EXAMINER
23 JUN 2023



Prasad waman more.

CERTIFICATE

This is to certify that the thesis entitled, "**Synthesis of Azo Derivatives of some primary amines and phenols**" submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of **Master of Science in Organic Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Pawar Sarjerao Baburao** the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.

Date: 20/06/2023

Place: Dapoli

K. V. Gandhi
Department of Chemistry



Prof. Kailas V. Gandhi
Assistant Professor,

CERTIFICATE

This is to certify that the thesis entitled, "**Synthesis of Azo Derivatives of some primary amines and phenols**" submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of **Master of Science in Organic Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Sawant Karan Ashok** the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.

Date: 20/06/2023

Place: Dapoli


Department of Chemistry



Prof. Kailas V. Gandhi

Assistant Professor,

CERTIFICATE

I the undersigned hereby declare that project entitled *Study of saponification reaction and preparation of soap* is completed by me & returned for the purpose of partial fulfillment under the guidance of This is my Organic work completed during academic year 2022-23. The results in this project report are best on my own experiments done in the college laboratory.

Dr. G. B. Sathe
Project Guide

Dr. G.B. Sathe

Head of Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist. - Ratnagiri

EXAMINER

CERTIFICATE

This is to certify that the thesis entitled, " **Analysis Of Contents Of Cold Drinks** " submitted to the University of Mumbai, in the partial fulfillment of the requirements for the degree of **Master Of Science In Analytical Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Tejas P. Mehta** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by him.

s

DATE: ~~PLACE:~~

PLACE :



Dr. G.B. Sathe
Head of Department
Department of Chemistry

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist. - Ratnagiri



Tejas P. Mehta
Assistant Professor
Department of
Chemistry

Certificate of Guide

This is to be certified that the project entitled "**Synthesis of Schiff base and studies of their analytical properties with respect to its complexing ability with Cadmium (II)**" submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Mrs. Suryawanshi Prathamesh Kiran under guidance of Mr. S. S. Marathe.



Dr. G. B. Sathe
H.O.D
Department of chemistry

Head Dept. of Chemistry

Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Ratnagiri



Mr. S. S. Marathe
Assistant Professor
Department of chemistry

Certificate of Guide

This is to certify that the project entitled **“To Prepare Natural Indicators from Beetroot, Turmeric, onion and carrot and also prepare the pH papers using these indicators.”** submitted to the university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of Bonafide project work carried out by Mr. Jadhav Rohit Shivaji under my guidance and supervision.



Dr. G. B. Sathe

PROJECT GUIDE



Dr. G. B. Sathe

H.O.D. CHEMISTRY DEPARTMENT
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Raichavadi

EXAMINER

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**Synthesis and characterisation of transition metal complexes derived from mixed ligands.**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Miss. Pawar Pranoti Pandurang** under my guidance and supervision.



Dr. G. B. Sathe

HOD, Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri



Dr. M. N. Lad
Department of Chemistry

CERTIFICATE

This is to certify that the thesis entitled, “**Synthesis of Azo Derivatives of some primary amines and phenols**” submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of **Master of Science in Organic Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Yadav Tushar Tanaji** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.




Date:

Prof. Kailas V. Gandhi

Place: Dapoli

Assistant Professor,

Department of Chemistry



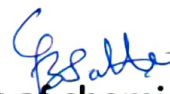
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College
Dapoli, Dist.-Ratnagiri

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**Synthesis of Azo Ni(II) Metal Complexes**" submitted to the University Of Mumbai for the partial fulfillment of the degree of MASTER OF SCIENCE in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Miss. Aishwarya Santosh Velhal.....** Under my guidance and supervision.



Dr. Bapu A. Yamgar



Department of chemistry

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Raichuri

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "Synthesis and characterisation of transition metal complexes derived from mixed ligands." submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Mr. Pawar Shankar Vitthal** under my guidance and supervision.

M. N. Lad
04/05/23

Dr. M. N. Lad.

Department of Chemistry

G. B. Sathe

Dr. G. B. Sathe.

HOD.

Head Dept. of Chemistry
(Department of Chemistry)
Department of Science College
Dapoli, Dist. - Raigad

Dapoli Urban Bank Senior Science College, Dapoli

Dist. Ratnagiri, 415712

CERTIFICATE

This is to certify that the project report entitled "**Preparation of soap (Homemade) by using Castor oil**" is submitted to the University of Mumbai for the partial fulfillment of the degree of **Master of Science** in The **Organic Chemistry** embodies the results of a piece of bonafied project work carried out by **Tambe Sana A. Sattar** under my guidance and supervision.

Handwritten signature and date:
30/04/2023

Prof. Kailas V. Gandhi
Project Guide

Handwritten signature:
G. B. Sathe

Dr. G. B. Sathe
Head of Department, Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Ratnagiri

Examiner

CERTIFICATE OF GUIDE

This is to certify that the project entitled “ Extraction of chitosan from prawn shell.” submitted to the University Of Mumbai for the partial fulfilment of the degree of MASTER OF SCIENCE in the ORGANIC CHEMISTRY embodies the results of a piece of bonafide project work carried out by Miss. Pawar Monali Sambhaji under my guidance and supervision.



Head of department

Place: Dapoli

Dr.G.B.Sathe

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist.- Ratnagiri

Certificate of Guide

This is to be certified that the project entitled “**Synthesis of Schiff base and studies of their analytical property with respect to its complexing ability with Titanium (II)**” submitted to the university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of Bonafide project work carried out by **Mr. Salve Omkar Machhindra** under my guidance and supervision.



Dr. G. B. Sathe
H.O.D
Department of chemistry

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri



Mr. S. S. Marathe
Assistant Professor
Department of chemistry

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "EXTRACTION OF CHITIN AND CHITOSAN FROM PRAWNS WASTE SHELL" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **MR. Gaikwad Ganesh Tanaji** under my guidance and supervision.

Date :

Place :Dapoli



Dr. G. B. Sathe

Head of Department of
Dapoli Urban Bank, Pimpri Science College,
Dapoli, Dist. - Raichuri
Chemistry

CERTIFICATE

I hereby declare that project entitled "Synthesis and Characterization of Nickel Zinc Ferrite ($\text{Ni}_{(1-x)}\text{Zn}_x\text{Fe}_2\text{O}_4$) by Sol-gel method" is completed by **Mr. Pratik Kantilal Pawar** for the purpose of partial fulfilment under the guidance of me.

This is his work completed during academic year 2022-23. The results in this project report are best on his own experiments done in the college laboratory.

D.D. Kulkarni
24/05/2023

Mr. D.D. Kulkarni
HOD

Department Of Physics

G.B. Sathe

Dr.G.B.Sathe
HOD

Head Dept. of Chemistry
Department Of Chemistry
Dapoli Urban Bank Senior Science College
Dapoli, Dist - Ratnagiri

EXAMINER

Dapoli Urban Bank Senior Science College, Dapoli

Dist. Ratnagiri, 415712

CERTIFICATE

This is to certify that the project report entitled “**Preparation of soap (Homemade) by using Palm oil**” is submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafied project work carried out by **Patil Santosh Rajkumar** under my guidance and supervision.

HSimpisio
30/05/2023

Prof. Kailas V. Gandhi
Project Guide

G. B. Sathe


Dr. G. B. Sathe
Head of department, chemistry

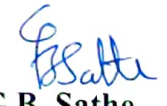
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College
Dapoli, Dist - Ratnagiri

Examiner

CERTIFICATE

This is to certify that the thesis entitled, "**Chemical Analysis of Industrial effluents**" submitted to the University of Mumbai, in the partial fulfillment of the requirements for the degree of **Master Of Science In Organic Chemistry**, embodies the results of a piece of bonafide research work carried out by **Abhishek R. Pawar** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by him.


Dr. G.S. Gore
Assistant Professor
Department of Chemistry


Dr. G.B. Sathe
Head of Department
Department of Chemistry
Dapoli, Dist. - Raichavari

EXAMINER

DATE: / / 2023

PLACE: Dapoli

Certificate of Guide

This is to be certified that the project entitled “**Synthesis of Schiff base and studies of their analytical properties with respect to its complexing ability with Titanium (II)**” submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Miss More Kajal Dinkar under my guidance and supervision.



Dr. G. B. Sathe
Head Dept. of Chemistry
H.O.D.
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. Ratnagiri
Department of chemistry



Mr. T. P. Mehta
Assistant Professor
Department of chemistry

CERTIFICATE

This is to be certified that the project entitled " Physicochemical analysis of different brands of chocolate" submitted to the university of Mumbai for the partial fulfillment of the degree MASTER of SCIENCE in the ANALYTICAL CHEMISTRY embodies the result of a piece of bonafide project work carried out by **Mr. SALUNKHE AKSHAY RAMCHANDRA** under my guidance and supervision.



Dr. G.S. GORE

Assistant Professor

Department of Chemistry



Dr. G. B. SATHE

Head of the Department
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Ratnagiri

EXAMINER

Date :

Place : Dapoli

CERTIFICATE OF GUIDE

This is to be certified that the project entitled “**SYNTHESIS AND CHARACTERIZATION OF TRANSITION METAL COMPLEXES DERIVED MIXED LIGANDS**” submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Mr. Patil Nilesh Rajaram** under my guidance and supervision.



Dr. G. B. Sathe

Head, Dept. of Chemistry
Depoli Urban Bank Senior Science College.
(Department of chemistry)



Dr. M. N. Lad

Department of chemistry

Certificate of Guide

This is to be certified that the project entitled “**Synthesis of Schiff base and studies of their analytical properties with respect to its complexing ability with Cadmium (II)**” submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Miss Kadam Anita Jagannath under my guidance and supervision.

Dr. G. B. Sathe

H.O.D

Department of Chemistry
Dapoli, Dist- Ratnagiri

Mr. S. S. Marathe

Assistant Professor

Department of chemistry

Certificate of Guide

This is to be certified that the project entitled “**Synthesis of Schiff base and studies of their analytical properties with respect to its complexing ability with Cadmium (II)**” submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Mr. Pawar Saurabh Shahaji under guidance of Mr. S. S. Marathe.



Dr. G. B. Sathe

H.O. Head Dept. of Chemistry
Depoli Urban Bank Senior Science College,
Department of chemistry
Depoli, Dist - Raigad



Mr. S. S. Marathe
Assistant Professor
Department of chemistry

CERTIFICATE

This is to certify that the thesis entitled, "**Synthesis of Azo Derivatives of some primary amines and phenols**" submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of **Master of Science in Organic Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Chafekar Hasnain Moinuddin** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by him.

Date:

Place: Dapoli


29/05/23

Kailas V. Gandhi

Assistant Professor,

Department of Chemistry



Head Dept. of Chemistry

Dapoli Urban Bank Senior Science College.

Dapoli, Dist. - Ratnagiri

Certificate of Guide

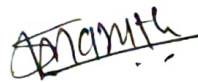
This is to be certified that the project entitled "**Synthesis of double Schiff base and studies of their biological activities**" submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Miss Jadhav Radhika Laxman under my guidance and supervision.



Dr. G. B. Sathe

H.O.D.

Head Dept. of Chemistry
Department of chemistry
Dapoli, Dist. - Ratnagiri



Mr. S. S. Marathe

Assistant Professor

Department of chemistry

CERTIFICATE OF GUIDE

This is to be certified that the project entitled “**Synthesis and characterisation of transition metal complexes derived from mixed ligands.**” submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Mr. Pawar Sunil Arvind** under my guidance and supervision.



Dr. M. N. Lad.

Department of Chemistry



Dr. G. B. Sathe.

HOD,
Head of Department of Chemistry
Depoli Urban Bank Senior Science College,
Dapoli, Dist - Raigarh
(Department of Chemistry)

CERTIFICATE OF GUIDE

This is to be certified that the project entitled “**SYNTHESIS AND CHARACTERISATION OF TRANSITION METAL COMPLEXES DEPRIVED FROM MIXED (BIDENTATE) LIGAND.**” submitted to the University Of Mumbai for the partial fulfilment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Miss. Borle Rutuja Bhiku** under my guidance and supervision.



Dr. G. B. Sathe

Head, Dept. of Chemistry
Depoli Urban Bank Senior Science College,
Depoli, Dist. Ratnagiri
(Department of chemistry)



Dr. M. N. Lad

Department of chemistry

CERTIFICATE

This is to certify that the thesis entitled, "**Extraction of chitosan from waste fish scale (Indo-Pacific King Mackerel)**" submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of **Master of Science in Organic Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Jadhav Pratiksha Prakash** under the my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.

Date- 03/05/2023

Place- Dapoli



Dr. G. B. Sathe

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist - Raichuri
Department Of Chemistry

Dapoli Urban Bank Senior Science College, Dapoli

Dist. Ratnagiri, 415712

CERTIFICATE

This is to certify that the project report entitled "**Preparation of potash alum from aluminium scrap**" is submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Mr. Patil Sankalp Balasaheb** under my guidance and supervision.



Dr. G. B. Sathe
Head of department
(Department of chemistry)
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist. - Ratnagiri



Prof. Mr. Tejas P. Mehta
Project Guide
(Department of chemistry)

Signature of Examiner :

CERTIFICATE

This is to be certified that the project entitled-
"SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF 3,
4DIHYDROPYRIMIDINE -2(1H)- ONES /
THIONESBY USING BIGINELLI
REACTION AT SOLVENT FREE CONDITION"

submitted to the University Of Mumbai for the partial fulfillment of the
degree of **MASTER OF SCIENCE** in the **ORAGNIC CHEMISTRY**
embodies the results of a piece of bonafide project work carried out by

MR. ADMANE AJAY JAYVIJAY. under my guidance and
supervision.

S. S. Kadam
29/04/23

Prof. Mr. S. S. KADAM

(Project Guide)

G. B. Sathe

Prof. G. B. SATHE

Head Dept. of Chemistry
HOD (Chemistry Dept.)
Dapoli Urban Bank Senior Science College
Dapoli, Dist - Ratnagiri

EXAMINER

Date: / /

Place: Dapoli Urban Bank Senior Science College, Dapoli.

Certificate of Guide

This is to be certified that the project entitled "**Synthesis of Schiff base and studies of their analytical properties with respect to its complexing ability with Titanium (II)**" submitted to the University of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by Miss More Nikita Dattaram under my guidance and supervision.



Dr. G. B. Sathe
H.O.D
Department of chemistry



Mr. S. S. Marathe
Assistant Professor
Department of chemistry

H. B. ... Chemistry

... Urban ... Science College
Department of Chemistry

CERTIFICATE

This is to certify that Project Report entitled, " **Synthesis and Characterization of Nickel Zinc Ferrite by Sol-Gel Method** " submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of **Master of Science In Organic Chemistry**, embodies the results of a piece of bona-fide research work carried out by **Shreeya M. Malekar** under the my guidance and supervision.

All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.

DATE:

PLACE: *Dapoli*



Dr. G.B. Sathe
Head

Department of Chemistry



D.D.Kulkarni
Head

Department of Physics

Certificate of Guide

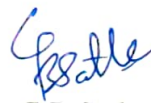
This is to certify that the project entitled "**Plant Mediated Green Synthesis of Silver nanoparticels.**" submitted to the university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of Bonafide project work carried out by Mr. MandakePatil Suraj Anil under my guidance and supervision.



Dr. G. S. GORE

Assistant Professor

Department of Chemistry



Dr. G.B Sathe

HOD Department of Chemistry
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri

EXAMINER

DECLARATION

I undersigned hereby declare that project entitled "**Extraction of chitosan from waste Indian mackerel fish scale**" is completed by me and returned for the purpose of partial fulfillment under the guidance of Dr. G. B. Sathe. This was my original work completed during academic year 2022-2023. The results in this project report are based on my own experiments done in college laboratory.

Date:

Place: Dapoli

A.S. Shinde

Shinde Akanksha Sunil

M.Sc. II (Organic Chemistry)



CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**Synthesis of Azo Ni(II) Metal Complexes**" submitted to the University Of Mumbai for the partial fulfillment of the degree of MASTER OF SCIENCE in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Miss. Tejasvi Nitin Benere.....** Under my guidance and supervision.

famg
Dr. Bapu A. Yamgar

26.4.2023

Tejasvi

Department of chemistry

Head Dept. of Chemistry
Dapoli Bank Senior Science College,
Dist. Ratnagiri

CERTIFICATE

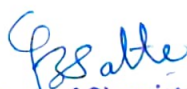
This is to certify that the thesis entitled, "Synthesis of Azo Derivatives of some primary amines & phenols." submitted to the University of Mumbai, in the partial fulfillment of the requirements for the degree of Master of Science in Organic Chemistry, embodies the results of a piece of bona-fide research work carried out by Kadam Varadraj Bharat under my guidance and supervision. All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.



Mr. Kailas V. Gandhi
Assistant Professor
Department of chemistry

Date: 03/05/2023

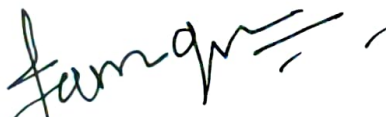
Place: Dapoli



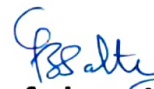
Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "**Synthesis of Azo Ni(II) Metal Complexes**" submitted to the University Of Mumbai for the partial fulfillment of the degree of MASTER OF SCIENCE in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Mr. Vaibhav Vitthal Jadhav**..... Under my guidance and supervision.



Dr. Bapu A. Yamgar



Department of chemistry

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Ratnagiri

CERTIFICATE

This is to certify that Project Report entitled, " **Synthesis and Characterization of Nickel Zinc Ferrite by Co-Precipitate Method** " submitted to the University of Mumbai, in the partial fulfilment of the requirements for the degree of Master of Science in Organic Chemistry, embodies the results of a piece of bona-fide research work carried out by Shreya A. Date under the my guidance and supervision.

All the assistance and help received during the course of investigation and the sources of literature have been duly acknowledged by her.

DATE:

PLACE: *Dapodi*



Dr.G.B.Sathe

Head

Department of Chemistry



D.D.Kulkarni

Head

Department of Physics

CERTIFICATE OF GUIDE

This is to be certified that the project entitled "SYNTHESIS AND CHARACTERISTICS OF TRANSITION METAL COMPLEXES DERIVED FROM MIXED LIGAND (BIDENTATE)" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Miss. Kardekar Anuja Kisan** under my guidance and supervision.



Dr. G. B. Sathe

HOD

Head Dept. of Chemistry
(Department of chemistry)
Dapoli Urban Bank Senior Science College,
Dapoli, Dist. - Ratnagiri




Dr. M. N. Lad

Department of chemistry

CERTIFICATE OF GUIDE

This is to be certified that the project entitled " **Synthesis and characterisation of transition metal complex derived from mixed ligand.**" submitted to the University Of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of bonafide project work carried out by **Miss. Pawar Payal Satish** under my guidance and supervision.


Dr.G.B Sathe

Head Dept. of Chemistry
(Head Of Department)
Department of Chemistry
Dapoli, Dist - Ratnagiri
Department of chemistry


Dr.M.N.LAD

Department of Chemistry

CERTIFICATE

I the undersigned hereby declare that project entitled *Study of saponification reaction and prepration of soap* is completed by me & returned for the purpose of partial fulfillment under the guidance of This is my Organic work completed during academic year 2022-23. The results in this project report are best on my own experiments done in the college laboratory.

Dr. G. B. Sathe

Project Guide

Dr. G.B. Sathe

Head of Chemistry Department,
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Raichuri

EXAMINER

Certificate of Guide

This is to certify that the project entitled "**Synthesis of Schiff-Bases with Ni-complex**" submitted to the university of Mumbai for the partial fulfillment of the degree of **MASTER OF SCIENCE** in the **ORGANIC CHEMISTRY** embodies the results of a piece of Bonafide project work carried out by Mr. More Prasad Waman under my guidance and supervision.



Dr. G. B. Sathe

PROJECT GUIDE



Dr. G. B. Sathe

H.O.D. CHEMISTRY DEPARTMENT

Head Dept. of Chemistry
Dapoli Urban Bank Senior Science College.
Dapoli, Dist. - Ratnagiri

EXAMINER



Prasad Waman More.