

J.S.M. College, Alibag-Raigad

Avishkar Research Convention Report – 2021-22

Basic Intension of Avishkar Research Convention is to develop research culture and Scientific temper among students, scholar and teachers from undergraduate to doctoral level in the state of Maharashtra. This activity also helps to develop skill, review new dimensions of explored areas of enquiry.

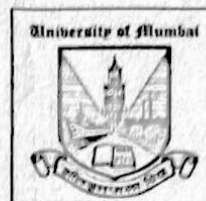
This year i.e., 2021 -22, J.S.M. College is submitted online research projects to University of Mumbai. Total 15 Projects and 34 students were participated in AvishkarResearch Convention.

Details are as follows:

Sr. No.	Category	Level	No. of Research Project	Total No. of students
1	Humanities, Languages and Fine Arts	UG	5	12
2	Humanities, Languages and Fine Arts	PG	1	1
3	Pure Sciences	UG	5	12
4	Pure Sciences	PG	3	7
5	Agriculture and AnimalHusbandry	UG	1	2
Total			15	34



PRINCIPAL
Smt. Indirabai G. Kulkarni Arts,
J. B. Sawant Science and
Smt. Jenabai Dhondo Kunte Commerce
College, Alibag-402 201, Dist. Raigad



“Microwave synthesis “

**Project Submitted To
UNIVERSITY OF MUMBAI
For partial fulfillment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science**

**Submitted by
AVANTIKA RAJESH SHIVADE
M.Sc Part II
J.S.M. College, Tal-Alibag, Dist – Raigad, 402201**

**Under the Guidance of
Dr. Sonali Patil
Associate Professor,
Department of Collage
J.S.M. College, Tal-Alibag, Dist – Raigad, 402201**

Academic Year 2021-2022

University of Mumbai



"MEASURING THE AMOUNT OF ACETIC ACID IN VINEGAR"

Project Submitted To

UNIVERSITY OF MUMBAI

For partial fulfilment of

MASTER OF SCIENCE IN ORGANIC CHEMISTRY

Under the faculty of Science

Submitted by

SHWETAMBARI SUNIL PATIL

M.Sc Part II

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Under the Guidance of

Dr. Sonali Patil

Department of College

J.S.M. College, Tal - Alibag, Dist - Raigad, 402201

Academic Year 2021-2022

University of Mumbai



"STUDY THE EFFECT OF SODIUM CARBONATE ON THE FOAMING CAPACITY OF SOAPS"

Project submitted to

UNIVERSITY OF MUMBAI

For partial fulfilment of

MASTER OF SCIENCE IN ORGANIC CHEMISTRY

Under the faculty of Science

Submitted by

JANHAVI PRAJWAL APTE

M.Sc. Part II

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Under the Guidance of

Dr. Sonali Patil

Department of College

J.S.M College, Tal-Alibag, Dist-Raigad, 402201

Academic Year 2021-2022



University of Mumbai

**“STUDY OF CONTENT OF ASCORBIC ACID IN
CITRUS FRUITS”**

Project Submitted To
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For partial fulfilment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science

Submitted by
SIDDHI MANOJ MHATRE.
M.Sc. Part II

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Under the Guidance of

Dr. Sonali Patil.

Associate Professor,

J.S.M. College Tal - Alibag, Dist - Raigad, 402201

Academic Year 2021 - 22.



**“SCREENING OF PHYTOCHEMICALS OF FOLK MEDICINE NEEM
(AZADIRACHTA INDICA) TO CURE DERMAL DISEASES”**

**Project Submitted To
UNIVERSITY OF MUMBAI
For partial fulfilment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science**

**Submitted by
VISHAKHA VIJAY GURAV
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**Under the Guidance of
Dr. Sonali Patil
Associate Professor,
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J. S. M. College, Tal-Alibag, Dist-Raigad, 402201**

Academic year 2021-2022



“Sterilization of different samples of water by bleaching powder”

Project Submitted To

UNIVERSITY OF MUMBAI

For fulfilment of

MASTER OF SCIENCE ORGANIC CHEMISTRY

Under the faculty of Science

Submitted by

Sakshi Dhananjay Vartak.

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Dr. Sonali Patil.

Associate professor,

Department of college

J.S.M. College, Tal. Alibag, Dist. Raigad 402201

Academic year 2020-2021



“Estimation of glucose in honey by Willstatter’s method.”

Project Submitted To

UNIVERSITY OF MUMBAI

For fulfilment of

MASTER OF SCIENCE ORGANIC CHEMISTRY

Under the faculty of Science

Submitted by

Samruddhi Sunil Patil.

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Dr. Sonali Patil.

Associate professor,

Department of college

J.S.M. college Tal. Alibag Dist. Raigad402201

Academic year 2020-2021

University of Mumbai



"STUDY ON THE AMOUNT OF CAFFEINE & ACID CONTENT IN DIFFERENT TEA SAMPLE"

Project Submitted To
UNIVERSITY OF MUMBAI
For partial fulfilment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science

Submitted by
IQRA SALIM DALVI
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Dr. Sonali Patil
Department of College
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Academic Year 2021-2022

University of Mumbai



“STUDY ON THE AMOUNT OF CASEIN PRESENT IN DIFFERENT SAMPLES OF MILK”

**Project Submitted To
UNIVERSITY OF MUMBAI
For partial fulfillment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science**

**Submitted by
RIDDHI RAVINDRA PADWAL
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**Under the Guidance of
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Academic Year 2021-2022

**J.S.M College, Alibag, Tal - Alibag
Dist - Raigad, 402201**



“Identification of Cations and Anions Present In Toothpaste”

**Project Submitted To
UNIVERSITY OF MUMBAI
For partial fulfilment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science**

**Submitted by
RITESH LAXMAN MAHADIK.**

**M.Sc. Part II
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**Under the Guidance of
Dr. SONALI PATIL
Associate Professor, Department of College
J.S.M. College, Tal. – Alibag. Dist. – Raigad, 402201**

Academic Year 2021 – 2022

A
PROJECT REPORT ON
"ADULTERATION IN TURMERIC AND CHILLI POWDER"



Submitted to
MUMBAI UNIVERSITY
For the Partial Fulfilment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science

Submitted by,
Miss. Shreya Suresh Patil
M.Sc. Part -II
J.S.M. Collage Alibag
Under the Guidance of
Dr. Sonali Patil
Department of Chemistry
J.S.M. College, Alibag
Tal. Alibag, Dist. Raigad-402201

ACADEMIC YEAR
2021-2022



"EXTRACTION OF NICOTINE FROM TOBACCO PRODUCTS"

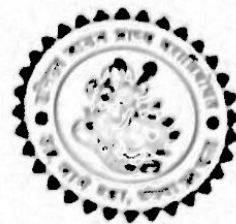
Project Submitted To
UNIVERSITY OF MUMBAI
For partial fulfilment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science

Submitted by
ANIKET PRAKASH MANWATKAR
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Academic Year 2021 – 2022

University of Mumbai



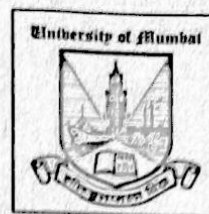
Nitrogen Content In Neem Coated Urea

Project Submitted To
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For partial fulfilment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science

Submitted by
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Dr. Sonali Patil
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Academic Year 2021-2022



“PRESENCE OF INSECTICIDE OR PESTICIDE IN FRUITS VEGETABLE”

Project Submitted To
UNIVERSITY OF MUMBAI
For partial fulfillment of
MASTER OF SCIENCE IN ORGANIC CHEMISTRY
Under the faculty of Science

Submitted by
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Academic Year 2021-2022

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"EFFECT OF HEAT ON VITAMIN C IN TOMATOES"

Project Submitted To

UNIVERSITY OF MUMBAI

For fulfilment of

MASTER OF SCIENCE ORGANIC CHEMISTRY

Under the faculty of Science

Submitted by

Sneha Sandeep Mhatre.

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Under Guidance of

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Associate professor,

Department of college

J.S.M. college Tal. Alibag Dist. Raigad 402201

Academic year 2021-2022

University of Mumbai



"NEEM OIL CONTENT IN NEEM COATED UREA"

Project Submitted To

UNIVERSITY OF MUMBAI

For partial fulfilment of

MASTER OF SCIENCE IN ORGANIC CHEMISTRY

Under the faculty of Science

Submitted by

Saurabh Ramesh Bhoir

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Dr. Sonali Patil

Department of College

J.S.M. College, Tal - Alibag, Dist - Raigad, 402201

Academic Year 2021-2022

University of Mumbai



"DISSOLVED OXYGEN BY WINKLER METHOD"

Project Submitted To

UNIVERSITY OF MUMBAI

For fulfillment of

MASTER OF SCIENCE ORGANIC CHEMISTRY

Under the faculty of Science

Submitted by

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Academic year 2021-2022