S.N.D. College of Pharmacy Babhulgaon, Yeola, Dist-Nashik-423401 (Maharashtra)

NAAC Accredited with "B" Grade

Key Indicator:	1.2 - Academic Flexibility
1.3.2	Number of courses that include experiential learning through project work/field work/internship during the year 2022-2023
File Description	Additional information

S.N.D. College of Pharmacy

Babhulgaon, Yeola, Dist-Nashik-423401 (Maharashtra) NAAC Accredited with "B" Grade

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year 2022-2023

Sr. No	Content
	Name of courses that include experiential
	learning through project work/field
	work/internship during the year
1.	M. Pharm Research Work
2.	B.Pharm Project Work
3.	B.Pharm Environmental Science

SAVITRIBAI PHULE PUNE UNIVERSITY

FACULTY OF SCIENCE AND TECHNOLOGY



RULES & SYLLABUS

FIRST YEAR MASTER OF PHARMACY (M. Pharm.) COURSE (EFFECTIVE FROM ACADEMIC YEAR 2019-2020)



Principal S. N. D. College of Pharmacy Babhulgaon, Tal. Yeola (Nasik)

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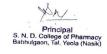
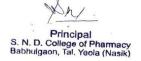


Table – 1: List of M.Pharm. Specializations and their Code

Sr. No.	Specialization	Code
1.	Pharmaceutics	MPH
2.	Industrial Pharmacy	MIP
3.	Pharmaceutical Chemistry	MPC
4.	Pharmaceutical Analysis	MPA
5.	Pharmaceutical Quality Assurance	MQA
6.	Pharmaceutical Regulatory Affairs	MRA
7.	Pharmaceutical Biotechnology	MPB
8.	Pharmacy Practice	MPP
9.	Pharmacology	MPL
10.	Pharmacognosy	MPG

The course of study for M.Pharm specializations shall include Semester wise Theory & Practical as given in Table - 2 to 11. The number of hours to be devoted to each theory and practical course in any semester shall not be less than that shown in Table - 2 to 11.





"RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF BARICITINIB IN BULK DRUG AND DOSAGE FORM"

A

Dissertation
Submitted To Savitribai Phule Pune University,
Pune, Maharashtra.



In partial fulfilment of the requirements for the degree of MASTER OF PHARMACY

IN

QUALITY ASSURANCE
Submitted by:
Mr. KOTKAR MAYUR KISHOR
B. Pharmacy

Under the Guidance of Prof. Dr. R. S. KALKOTWAR M. Pharmacy, Ph.D.



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2022-2023

SND College of Pharmacy

Babhulgaon, Yeola-423401



CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF BARICITINIB IN BULK DRUG AND DOSAGE FORM" is a bonafide and genuine research work carried out by Mr. KOTKAR MAYUR KISHOR under my direct supervision, in partial fulfilment of the requirement for the degree of Master of Pharmacy in Quality Assurance at Savitribai Phule Pune University, Pune.

Date 20 6 2023

Place: Babhulgaon (Yeola).

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ENDORSEMENT BY THE PRINCIPAL

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DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled entitled "RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF BARICITINIB IN BULK DRUG AND DOSAGE FORM" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Prof. Dr. R. S. Kalkotwar at SND College of Pharmacy, Yeola, Nashik.

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"LC-MS MS METHOD DEVELOPMENT AND VALIDATION OF QUERCETAGETIN AND ITS APPLICATIONS"

Dissertation
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In partial fulfilment of the requirements for the degree of

MASTER OF PHARMACY IN QUALITY ASSURANCE

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This is to certify that the dissertation entitled "LC-MS MS METHOD DEVELOPMENT AND VALIDATION OF QUERCETAGETIN AND ITS APPLICATIONS" is a bonafide and genuine research work carried out by Miss Gaikwad Monali Tukaram under my direct supervision, in partial fulfilment of the requirement for the degree of Master of Pharmacy in Quality Assurance at Savitribai Phule Pune University, Pune.

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"RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF REMOGLIFLOZIN ETABONATE IN BULK DRUG AND DOSAGE FORM"

Dissertation
Submitted To Savitribai Phule Pune University,
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In partial fulfilment of the requirements for the degree of MASTER OF PHARMACY

IN

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Date: 20/06/2023

Place: Babhulgaon (Yeola)

Beason,

Signature Mr. Prasad A Borse.

"DESIGN, DEVELOPMENT, AND EVALUATION OF NANO-PARTICLE LOADED TRANSDERMAL PATCH OF ERTUGLIFLOZIN FOR TREATMENT OF TYPE 2 DIABETES MELLITUS"

A

Dissertation

Submitted to Savitribai Phule Pune University, Pune, Maharashtra.



In partial fulfilment of the requirements for the degree of

MASTER OF PHARMACY IN QUALITY ASSURANCE

Submitted by:

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(B. Pharmacy)

Under the Guidance of
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M. Pharmacy
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CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "Design, development, and evaluation of nano-particle loaded transdermal patch of ertugliflozin for treatment of type 2 diabetes mellitus" is a bonafide and genuine research work carried out by Mr. Kalpesh N. Gawali under my direct supervision, in partial fulfilment of the requirement for the degree of Master of Pharmacy in Quality Assurance at Savitribai Phule Pune University, Pune.

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Date: 23 | 8 | 23

Place: Babhulgaon

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DESIGN, DEVELOPMENT AND EVALUATION OF HERBAL OINTMENT CONTAINING EXTRACT OF AERVA LANATA FOR THE TREATMENT OF FUNGAL INFECTION

A

Dissertation

Submitted to Savitribai Phule Pune University,

Pune, Maharashtra



In partial fulfilment of the requirements for the degree of

MASTER OF PHARMACY IN PHARMACEUTICS

Submitted by:

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Co-Guide Dr. L. G. Barde M. Pharm. Ph. D.



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This is to certify that the dissertation entitled "Design, development and evaluation of herbal ointment containing extract of Aerva lanata for the treatment of fungal infection" is a bonafide and genuine research work carried out by Mr. Bharat A. Jadhav under my direct supervision, in partial fulfilment of the requirement for the degree of Master of Pharmacy in Pharmaceutics at Savitribai Phule Pune University, Pune.

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Date: 07/06/23

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Principal

Dr. R. S. Kalkotwar

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Babhulgaon, Yeola-423401



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Date: 07/06/23

Place: Babhulgaon

Mr. Bharat A. Jadhav

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S. N. D. College of Pharmacy,

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DEVELOP A SIMPLE, PRECISE, AND ACCURATE RP-HPLC METHOD FOR ESTIMATION OF SAFINAMIDE IN BULK DRUG ANDDOSAGE FORM BY USING QBD APPROACH

Dissertation
Submitted To Savitribai Phule Pune University,
Pune, Maharashtra.



In partial fulfilment of the requirements for the degree of

MASTER OF PHARMACY IN

QUALITY ASSURANCE

Submitted by: Mr. Dalvi Yogesh Hari (B. Pharmacy)

Under the Guidance of

Asst. Prof: - Miss. S. A. Waghmare. (M. Pharm)



Department of Pharmaceutical Quality Assurance. S.N.D. College of Pharmacy, Babhulgaon Tal-Yeola, Dist-Nashik-423401 2022-2023

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This is to certify that the dissertation entitled "Develop a simple, precise, and accurate RP-HPLC method for estimation of safinamide in bulk drug and dosage form by using QbD approach." is a bonafide and genuine research work carried out by Mr. Dalvi Yogesh Hari under my direct supervision, in partial fulfilment of the requirement for the degree of Master of Pharmacy in Quality Assurance at Savitribai Phule Pune University, Pune.

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Date: 23/08/2023 Place: Babhulgaon

Principal Prof. Dr. R.S. Kalkotwar M. Pharm. Ph.D S. N. D. College of Pharmacy, Babhulgaon.

"DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR DETERMINATION OF ALCAPTADINE & KETOROLAC TROMETHAMINE IN BULK DRUG AND ITS OPTHALMIC SOLUTION"

Dissertation
Submitted To Savitribai Phule Pune University,
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In partial fulfilment of the requirements for the degree of

MASTER OF PHARMACY
IN
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I hereby declared that the dissertation entitled "DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR DETERMINATION OF ALCAFTADINE & KETOROLAC TROMETHAMINE IN BULK DRUG AND ITS OPTHALMIC SOLUTION" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Asst. Prof. Sonali A. Waghmare at SND College of Pharmacy, Yeola, Nashik.

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"MODIFIED RELEASE FORMULATION DRUG DELIVERY

SYSTEM FOR CARDIOVASCUALR DRUGS"

A
Dissertation
Submitted To Savitribai Phule Pune University,



Pune, Maharashtra.

In partial fulfilment of the requirements for the degree of

MASTER OF PHARMACY IN PHARMACEUTICS

Submitted by: Miss Priyanka S.Sonawane (B. Pharmacy)

Under the Guidance of Prof.Dr.. Amol U. Gayke M. Pharm. Ph.D.(Pharmaceutics)



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"PULSATILE DRUG DELIVERY OF NATURAL NON STEROIDAL ANTI

INFLAMMATORY DRUG"

Dissertation
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Prof.Dr. Amol U. Gayke

M. Pharm. Ph. D

S. N. D. College of Pharmacy,

Babhulgaon.

Jagdamba Education Society's
S.N.D. College of Pharmacy
Babhulgaon, Yeola-423401



ENDORSEMENT BY THE PRINCIPAL

This is to certify that this dissertation entitled "Pulsatile Drug Delivery Of Natural Non Steroidal Anti Inflammatory Drug" is a bonafideandgenuine research work carried out by Miss. Prachi Raju Telgote Under the guidance of Prof.Dr.. Amol U. Gayke in partial fulfilment of the requirement for the degree of Master of Pharmacy in Pharmaceutical Chemistry at SavitribaiPhule Pune University, Pune.

Date: 30|6|202 Place Babhulgaon Principal /
Prof. Dr. R.S. Kalkotwar
M. Pharm. Ph.D
S. N. D. College of Pharmacy,

Babhulgaon.

rulgaon.

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Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

Delivery Of Natural Non Steroidal Anti Inflammatory Drug" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Prof. Dr. Amol U. Gaykeat SND College of Pharmacy, Yeola, Nashik.

Date: 30 6 23 Place: Babhulgaon. Miss. Prachi RajuTelgote S. N. D. College of Pharmacy, Babhulgaon.

"DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION OF SOME 1,3,4-OXADIAZOLE DERIVATIVES FOR ANTIMICROBIAL ACTIVITY"

A

Dissertation

Submitted to Savitribai Phule Pune University,

Pune, Maharashtra.



In partial fulfilment of the requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL CHEMISTRY

Submitted by:

Miss Sonali Jadhav

(B. Pharmacy)

Under the Guidance of Miss.Waghmare S.A. (M. Pharm. Ph. D, Pharmaceutical Chemistry)



Department of Pharmaceutical Chemistry.
S.N.D. College of Pharmacy, Babhulgaon, Tal-Yeola, Dist-Nashik423401

2022-2023

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "Design, synthesis and biological evaluation of some 1,3,4-oxadiazole derivatives for antimicrobial activity" is a bonafide and genuine research work carried out by Miss Sonali Jadhav under my direct supervision, in partial fulfilment of the requirement for the degree of Master of Pharmacy in Pharmaceutical Chemistry at Savitribai Phule Pune University, Pune.

Date: 09 /07 | 2023

Place: Babhulgaon.

Miss. Waghmare S.A.

M. Pharm. Pursuing Ph.D.

S. N. D. College of Pharmacy, Babhulgaon.

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



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Date: 9/2/2

Place: Babhulgaon

7. T

Prof. Dr. R.S. Kalkotwar

M. Pharm. Ph.D

S. N. D. College of Pharmacy,

Babhulgaon.

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled "Design, synthesis and biological evaluation of some 1,3,4-oxadiazole derivatives for antimicrobial activity" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Miss. Waghmare.S.A. at S.N.D College of Pharmacy, Yeola, Nashik.

Date: 09 |07 | 2023

Place: Babhulgaon.

Miss Sonali Jadhav

S. N. D. College of Pharmacy,

Babhulgaon.

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "Design, synthesis and biological evaluation of 1,3,4 thiadiazole derivatives for antidiabetic activity" is a bonafide and genuine research work carried out by Miss. Sonali Namdev Valate under my direct supervision, in partial fulfilment of the requirement for the degree of Master of Pharmacy in Pharmaceutical Chemistry at Savitribai Phule Pune University, Pune.

Date: 20 06 2023

Place: Babhulgaon.

Asst. Prof. Dr. Prerana B. Jadhav

M. Pharm. Ph. D

S. N. D. College of Pharmacy, Babhulgaon.

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the dissertation entitled "Design, synthesis and biological evaluation of 1,3,4 thiadiazole derivatives for antidiabetic activity" is a bonafide and genuine research work carried out by Miss. Sonali Namdev Valate Under the guidance of Asst. Prof. Dr. Prerana B. Jadhav in partial fulfilment of the requirement for the degree of Master of Pharmacy in Pharmaceutical Chemistry at Savitribai Phule Pune University, Pune.

Date: 20 6 2023

Place: Babhulgaon

Principal Prof. Dr. R.S. Kalkotwar

M. Pharm. Ph.D

S. N. D. College of Pharmacy,

Babhulgaon.

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

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Date: 20/06/2023

Place: Babhulgaon.

Svalolle

Miss. Sonali Namdev Valate

S. N. D. College of Pharmacy,

Babhulgaon.

Jagdamba Education Society's SND College of Pharmacy

Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled entitled "RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF DOLUTEGRAVIR SODIUM IN BUIK DRUG AND DOSAGE FORM INCLUDING SOLUTION STABILITY AND FILTRATION STUDY AS PER ICH Q2R1 GUIDELINES" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Miss Waghmare sonali

A. Asst. Prof., SND College of Pharmacy, Yeola, Nashik,

Date: 28/06/2023

Place: Babhulgaon (Yeola)

Mr. Ravindra M Amale

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled "Design, synthesis, and biological evaluation of novel 1,3,4-oxadiazole derivatives as potential antidiabetic agents" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Asst. Prof. Miss. Sonali Arun Waghmare at S.N.D College of Pharmacy, Yeola, Nashik.

Date: 20/06/2023

Place: Babhulgaon.

Miss. Shivani Uday Chavan

S. N. D. College of Pharmacy,

Babhulgaon.

Jagdamba Education Society's SND College of Pharmacy

Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled entitled "RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF BRIVARACETAM IN BULK DRUG AND DOSAGE FORM" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Dr. Mrs. Prerana. B. Jadhav, Asst. Prof., SND College of Pharmace, Yaola, Nashik.

Date: 20/06/2023

Place: Babhulgaon (Yeola)

Signature

Mr. Abhishek R Shelke

Jagdamba Education Society's
S.N.D. College of Pharmacy
Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled "FORMULATION AND EVALUATION OF POLYHERBAL DOSAGE FORM EXHIBITING ANTI-ACNE ACTIVITY" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Prof.Dr. Amol U. Gayke at SND College of Pharmacy, Yeola, Nashik.

Date: 9 7 23

Place: Babhulgaon.

Mr. Vaibhav Sandhan

S. N. D. College of Pharmacy, Babhulgaon.

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled "Design, development and evaluation of buccal tablet containing extract of Terminalia chebula retz for the treatment of asthma" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Dr. P. B. Suruse at SND College of Pharmacy, Yeola, Nashik.

Date: 30/06/2023

Place: Babhulgaon

Mr. Mangesh Gawali

S. N. D. College of Pharmacy,

Babhulgaon

Jagdamba Education Society's
S.N.D. College of Pharmacy
Babhulgaon, Yeola-423401



DECLARATION BY CANDIDATE

I hereby declared that the dissertation entitled "FORMULATION AND EVALUATION OF POLYHERBAL DOSAGE FORM EXHIBITING ANTI-ACNE ACTIVITY" is my own research work and that, to the best of my knowledge it doesn't contains any material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning. This work was carried out by me under the guidance and supervision of Prof.Dr. Amol U. Gayke at SND College of Pharmacy, Yeola, Nashik.

Date: 9/7/27

Place: Babhulgaon.

Mr. Vaibhav Sandhan

S. N. D. College of Pharmacy, Babhulgaon.

SAVITRIBAI PHULE PUNE UNIVERSITY

FACULTY OF SCIENCE AND TECHNOLOGY



RULES & SYLLABUS

FIRST YEAR BACHELOR OF PHARMACY (B. Pharm.) COURSE – 2019 pattern (EFFECTIVE FROM ACADEMIC YEAR 2019-2020)





Table-II: Course of study for semester II

Course Code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3/45	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3/45	1	4
BP203T	Biochemistry – Theory	3/45	1	4
BP204T	Pathophysiology – Theory	3/45	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3/45	-	3
BP206T	Environmental sciences – Theory *	3/45	-	3
BP207P	Human Anatomy and Physiology II – Practical	4/60	-	2
BP208P	Pharmaceutical Organic Chemistry I— Practical	4/60	-	2
BP209P	Biochemistry – Practical	4/60	-	2
BP210P	Computer Applications in Pharmacy – Practical*	4/60	-	1
	Total	32/480	4	29

^{*}Non University Examination (NUE)

Table-III: Course of study for semester III

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3/45	1	4
BP302T	Physical Pharmaceutics I – Theory	3/45	1	4
BP303T	Pharmaceutical Microbiology – Theory	3/45	1	4
BP304T	Pharmaceutical Engineering – Theory	3/45	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4/60	-	2
BP306P	Physical Pharmaceutics I – Practical	4/60	-	2
BP307P	Pharmaceutical Microbiology – Practical	4/60	-	2
BP 308P	Pharmaceutical Engineering –Practical	4/60		2
	Total	28/420	4	24



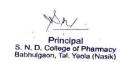


Table-VI: Course of study for semester VI

Course code	Name of the course	No. of Hours per week/Total no	Tutorial	Credit points
		of hours		
BP601T	Medicinal Chemistry III – Theory	3/45	1	4
BP602T	Pharmacology III – Theory	3/45	1	4
BP603T	Herbal Drug Technology – Theory	3/45	1	4
BP604T	Biopharmaceutics and Pharmacokinetics Theory	3/45	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3/45	1	4
BP606T	Quality Assurance –Theory	3/45	1	4
BP607P	Medicinal chemistry III – Practical	4/60	-	2
BP608P	Pharmacology III – Practical	4/60	-	2
BP609P	Herbal Drug Technology – Practical	4/60	-	2
_	Total	30/450	6	30

Table-VII: Course of study for semester VII

Course code	Name of the course	No. of Hours per week/Tota I no of hours	Tutori al	Credit points
BP701T	Instrumental Methods of Analysis – Theory	3/45	1	4
BP702T	Industrial Pharmacy – Theory	3/45	1	4
BP703T	Pharmacy Practice – Theory	3/45	1	4
BP704T	Novel Drug Delivery System – Theory	3/45	1	4
BP705P	Instrumental Methods of Analysis – Practical	4/60	-	2
BP706PS	Practice School*	12/180	-	6
Total		28/420	5	24

^{*} Non University Examination (NUE)



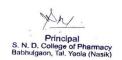


Table-VIII: Course of study for semester VIII

Course code	Name of the course	No. of Hours per week/Total no of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3/45	1	4
BP802T	Social and Preventive Pharmacy	3/45	1	4
BP803ET	Pharmaceutical Marketing			
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardizations of Herbals			
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology	3 + 3 =	1 + 1 = 2	4 + 4 = 8
BP809ET	Cosmetic Science	6/90	1+1=2	8
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812PW	Project Work	12/180	-	6
	Total	24/360	4	22

Table-IX: Semester wise credits distribution

Semester	Credit Points
I	27
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
Total credit points for the program	209

^{*} The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

[#]Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.





^{\$}Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

Semester II

Сописо			Internal Assessment End Semester Ex		End Semester Exams		Total	
Course code	Name of the course	Continuous		al Exams	Total	Marks	Duration	Marks
	TT A 4 1 D1 1 1	Mode	Marks	Duration				
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP205T	Computer Applications in Pharmacy – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP206T	Environmental sciences – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP207P	Human Anatomy and Physiology II –Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I– Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP209P	Biochemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP210P	Computer Applications in Pharmacy – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
	Total		125	20 Hrs	205	520	30 Hrs	725

^{*} The subject experts at college level shall conduct examinations





Semester VII

Course	Name of the course	Internal Assessment		End Semester Exams		Total			
code	Name of the course	Continuous	Session	al Exams	Total	Total Marks	Marks	Duration	Marks
		Mode	Marks	Duration	1 Otai	Wiai Ks	Duration	l l	
BP701T	Instrumental Methods of Analysis								
BP/011	- Theory	10	15	1 Hr	25	75	3 Hrs	100	
BP702T	Industrial Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100	
BP703T	Pharmacy Practice – Theory	10	15	1 Hr	25	75	3 Hrs	100	
BP704T	Novel Drug Delivery System – Theory	10	15	1 Hr	25	75	3 Hrs	100	
BP705 P	Instrumental Methods of Analysis								
BP/03 P	– Practical	5	10	4 Hrs	15	35	4 Hrs	50	
BP706 PS	Practice School*	25	-	-	25	125	5 Hrs	150	
	Total	70	70	8Hrs	140	460	21 Hrs	600	

^{*} The subject experts at college level shall conduct examinations





Semester VIII

Course			Internal As	sessment		End Seme	ster Exams	Total
code	Name of the course	Continuous	Session	al Exams	Total	Marks	Duration	1 otai Marks
Couc		Mode	Marks	Duration	Totai	IVIAIKS	Duration	1 VIAI N 5
BP801T	Biostatistics and Research							
DI 6011	Methodology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy							
DP 8021	- Theory	10	15	1 Hr	25	75	3 Hrs	100
DD002ET	Pharmaceutical Marketing –							
BP803ET	Theory							
DB004ET	Pharmaceutical Regulatory							
BP804ET	Science – Theory							
BP805ET	Pharmacovigilance – Theory							
	Quality Control and							
BP806ET	Standardizations of Herbals –							
	Theory							
BP807ET	Computer Aided Drug Design –							
DF 60/L1	Theory							
BP808ET	Cell and Molecular Biology –	10 + 10	15 + 15	1 . 1	25 25	75 75	3 + 3 = 6	100 +
	Theory	= 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	Hrs	100 =
BP809ET	Cosmetic Science – Theory	- 20	30	2 1118	30	- 130	III3	200
BP810ET	Experimental Pharmacology – Theory							
	Advanced Instrumentation							
BP811ET	Techniques – Theory							
BP812PW	Project Work	-	-	-	-	150	4 Hrs	150
	Total	40	60	4 Hrs	100	450	16 Hrs	550





BP 206 T. ENVIRONMENTAL SCIENCES (Theory)

30 hours

Scope:Environmental Sciences is the scientific study of the environmental system and the status of its inherent or induced changes on organisms. It includes not only the study of physical and biological characters of the environment but also the social and cultural factors and the impact of man on environment.

Objectives: Upon completion of the course the student shall be able to:

- 1. Create the awareness about environmental problems among learners.
- 2. Impart basic knowledge about the environment and its allied problems.
- 3. Develop an attitude of concern for the environment.
- 4. Motivate learner to participate in environment protection and environment improvement.
- 5. Acquire skills to help the concerned individuals in identifying and solving environmental problems.
- 6. Strive to attain harmony with Nature.

COURSE CONTENT

Unit-I

The Multidisciplinary nature of environmental studies Natural Resources Renewable and non-renewable resources:

10hours

Natural resources and associated problems

a) Forest resources; b) Water resources; c) Mineral resources; d) Food resources; e) Energy resources; f) Land resources: Role of an individual in conservation of natural resources

Unit-II

Ecosystems

- Concept of an ecosystem.
- Structure and function of an ecosystem.

10hours

• Introduction, types, characteristic features, structure and function of the ecosystems: Forest ecosystem; Grassland ecosystem; Desert ecosystem; Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

Unit- III
Environmental Pollution: Air pollution; Water pollution; Soil pollution

Recommended Books:

- 1. Y.K. Sing, Environmental Science, New Age International Pvt, Publishers, Bangalore
- 2. Agarwal, K.C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner.
- 3. Bharucha Erach, The Biodiversity of India, Mapin Pu blishing Pvt. Ltd., Ahmedabad $-380\,013$, India,
- 4. Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p
- 5. Clark R.S., Marine Pollution, Clanderson Press Oxford
- 6. Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001,

Environmental Encyclopedia, Jaico Publ. House, Mumbai, 1196p

- 7. De A.K., Environmental Chemistry, Wiley Eastern Ltd.
- 8. Down of Earth, Centre for Science and Environment







S.N.D. COLLEGE OF PHARMACY

At-Babhulgaon, Tal. Yeola, Dist. Nashik, Maharashtra-423401 Web side- www.sndpharmacy.com Contact No- 02559-225041/42

NACC Accredited with Grade "B"



BACHELOR IN PHARMACY

PROJECT REPORT

Academic Year 2022-2023

A Project Report on

"FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES"

is submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by:-Mrs.Pagar Gaurav Ratan

(Final year B.pharmacy)

Project Guide:-

Dr. Barde L. G.

(M. Pharm., PhD)

(P.D. Glugar) (29/05/2023) Ecs.

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES" is a bonafide and genuine Project Report carried out by me under the guidance of Dr. LOKESH G. BARDE, Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 27 - 5 - 2023

Place: Babbulgoon

Mr.Pagar Gaurav Ratan (Final year B.pharmacy)

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES" is a bonafide Project Report done by Mr.Pagar Gaurav Ratan in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 27 -5-2023

Place: Babhulgaon

Dr. Barade L. G.

Assistant Professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401



Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Endorsement by the Principal

This is to certify that the Project Report entitled "FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES" is a bonafide Project Report done by Mr.Pagar Gaurav Ratan in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 27 - 5 - 2023

Place: Babhulgaen

College of Andrews

Dr. R. S. Kalkotwar

M. Pharm, Ph.D.

Principal, SND College of Pharmacy,
Yeola – 423 401

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Candidate

I hereby declare that this Project Report entitled "STUDY THE SELF
MEDICATION PRACTICE AND PATTERN OF OVER THE COUNTER
DRUG USE AMONG THE PATIENT VISITING COMMUNITY
HEALTHCARE FACILITIES: CROSS SECTIONAL OBSERVATIONAL
STUDY" is a bonafide and genuine Project Report carried out by me under the guidance of Prof. Dr. Amol U.Gayke Associate Professor, Jagdamba Education

Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 27 /5/23

Place: Babhulgaon

Mr. Gore Prathamesh Khanderao (Final year B.pharmacy)

Page | 3

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Guide

This is to certify that the Project Report entitled "STUDY THE SELF MEDICATION PRACTICE AND PATTERN OF OVER THE COUNTER DRUG USE AMONG THE PATIENT VISITING COMMUNITY HEALTHCARE FACILITIES: CROSS SECTIONAL OBSERVATIONAL STUDY" a bonafide Project Report done by Mr.Gore Prathamesh Khanderao (Final year B.pharmacy) in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 29/5/23

Place: Babhulgaon

Prof. Dr. Amol U. Gayke
Associate Professor,
M. Pharm, PhD
SND College of Pharmacy,

Babhulgaon, Yeola.

Page | 4

S.N.D. College of Pharmacy

Babhulgaon, Yeola-423401



CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled "FORMULATION AND EVALUATION OF HERBAL BELLY BUTTON OIL" is a bonafide and genuine research work carried out by Miss. Yogeshwari Nilkanth Gunjalunder my direct supervision, in partial fulfilment of the requirement for the degree of bachelor of Pharmacy at Savitribai Phule Pune University, Pune.

Date: 24 | 05 | 23

Place: Babhulgaon.

Prof.Br.Amol.U. Gayke

M. Pharm. Ph. D

SND College of Pharmacy Babhulgaon

SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA

Formulation And Evaluation Of Face Serum

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION AND

EVALUATION OF FACE SERUM" is a bonafide and genuine Project Report

Carried out by me under the guidance of, Assistant Professor M.S. Gangurde And

Professor P.L. Nikam, Jagdamba Education Society's SND College of Pharmacy,

Babhulgaon, Yeola.

Date: 24/05/23

Place: Babhulgaon



Miss. Payal Ramesh Khairmode

(Final year B.Pharmacy)

Formulation And Evaluation Of Face Serum

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF FACE SERUM" is a bonafide Project Report done by Miss. Payal Ramesh Khairmode in partial fulfilment of the requirement for the Bachelor of Pharmacy.

Date: 24/05/23

Place: Babhulgaon

Mr. M. S. Gangurde

Mr. P L. Nikam

Assistant Professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401 A Project Report on

"FORMULATIN AND EVALUTION OF ONION SCRUB"

is submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by:-

Miss. Khodke Sejal Rajendra (Final year B.pharmacy)

(P.D. Glugan)

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Project Guide:-Prof. P. L. Nikam (Assist professor)



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION AND EVALUATION OF ONION SCRUB" is a bonafide and genuine Project Report carried out by me under the guidance of Prof. P. L. Nikam Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 23/05/2023

Place: Babhulgaon

Miss. Khodke Sejal Rajendra (Final year B.pharmacy)



Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF ONION SCRUB" is a bonafide Project Report done by Miss. Khodke Sejal Rajendra in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 23/05/2023

Place: Babhulgaon

Prof. P. L. Nikam

Assistant Professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401

A Project Report on

"FORMULATION & EVALUATION OF HERBAL ANTI-ACNE FACEWASH"

is submitted to



Jagdamba Education Society's

SND College of Pharmacy

Babhulgaon, Yeola, Dist. Nashik - 423 401

Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by :-

Mr. KOKANE UDIT SUDHAKAR

(Final year B.pharmacy)

or or les hors

Project Guide:-

Prof. Nagare V. R.

(M. Pharm pharmaceutic.)

SND College of Pharmacy, Babhulgaon (Yeola)

Page 1



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION & EVALUATION OF HERBAL ANTI ACNE FACE WASH" is a bonafide and genuine Project Report carriedout by me under the guidance of, Prof. Nagare V. R. Assistant Professor, Jagdamba Education Society's SND College of P harmacy, Babhulgaon, Yeola.

Date: 27/05/23

Place: BASHUGGON

The Month and All

Mr. KOKANE UDIT SUDHAKAR (Final year B .pharmacy)

SND College of Pharmacy, Babhulgaon (Yeola)

Page 2

A Project Report on

FORMULATION AND EVALUATION OF ANTI-AGING GEL"

is submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by:Mr. Niphade Rushikesh Sharad

(Final year B.pharmacy)

p. shogan)

Project Guide:Prof. P. L. NIKAM
(Associate Professor)



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION AND EVALUATION OF POLYHERBAL ANTI-AGING GEL" is a bonafide and genuine Project Report carried out by me under the guidance of Proff.P.L.Nikam, Associate Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 23 | 05 | 2023

Place: Babbilgaon

yeola

Mr. Niphade Rushikesh Sharad (Final year B.pharmacy)



Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF POLYHERBAL ANTI-AGING GEL" is a bonafide Project Report done by Mr. Niphade Rushikesh Sharad in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 23/05/2023

Place: Balshugaon,

Proff.P.L.Nikam Associate professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401 Ecs.

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Endorsement by the Principal

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF POLYHERBAL ANTI-AGING GEL" is a bonafide Project Report done by Mr. Niphade Rushikesh Sharad in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 23 /05/2023

Place: Balshulgaun

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College of Anguary

Dr. R. S. Kalkotwar

M. Pharm, Ph.D.

Principal, SND College of

Pharmacy,

Yeola - 423 401

SEPTIFIED STATE

A PROJECT REPORT ON FORMULATION & EVAULATION OF FACE SERUM USING ROSE PETALS

Submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by :-Mr. Akshay Devidas Harpade

(Final year B.pharmacy)

Guided By: Prof.Dr.A.U.GAYKE

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION AND EVALUATION OF FACE SERUM" is a bonafide and genuine Project Report Carried out by me under the guidance of Dr.Amol U. Gayke, Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 24/05/023

Place: Babhulgaon

Mr. Akshay Devidas Harpade

(Final year B.Pharmacy)

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF FACE SERUM" is a bonafide Project Report done by Mr. Akshay Devidas Harpade in partial fulfilment of the requirement for the Bachelor of Pharmacy.

Date: 2415 12013

Place: Babhulgaon

Dr. Amol U. Gayke

Assistant Professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Endorsement by the Principal

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF FACE SERUM" is a bonafide Project Report done by Mr. Akshay Devidas Harpade in partial fulfilment of the requirement for the Bachelor of Pharmacy.

Date: 24/5/2023

Place: Babhulgaon

College of Phambers & end of the state of th

Dr. R. S. Kalkotwar
M. Pharm, Ph.D.
Principal, SND College of Pharmacy,
Yeola – 423 401

A Project Report on

"FORMULATION AND EVALUATION OF HERBAL GARLIC PEELS HANDWASH"

is submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by:-

Miss. Kapadi Vijaya Dattatraya (Final year B.pharmacy)

Project Guide:-

Prof. P. L. Nikam

(Assist professor)



Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION AND EVALUATION OF HERBAL GARLIC PEELS HANDWASH" is a bonafide and genuine Project Report carried out by me under the guidance of Prof. P. L. Nikam, Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 27/05/2023

Place: Babhulgaon (yeola)

Topouli

Miss. Kapadi Vijaya Dattatraya (Final year B.pharmacy)





Ecs.

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF HERBAL GARLIC PEELS HANDWASH" is a bonafide Project Report done by Miss. Kapadi Vijaya Dattatraya in partialfulfillment of the requirement for the Bachelor of Pharmacy.

Date: 27/05/2023

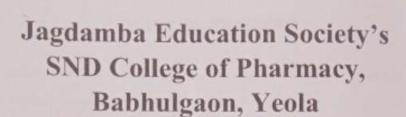
Place: Babhulgaon (yeola)

123 05 2013

Prof. P. L. Nikam

Assistant Professor,
SND College of Pharmacy,
Babhulgaon, Yeola - 423 401







Endorsement by the Principal

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF HERBAL GARLIC PEELS HANDWASH" is a bonafide Project Report done by Miss. Kapadi Vijaya Dattatraya in partialfulfillment of the requirement for the Bachelor of Pharmacy.

Date: 27105|23

Place: Babhul gaon (

Dr. R. S. Kalkotwar

M. Pharm, Ph.D.

Principal, SND College of Pharmacy.

Yeola - 423 401



Jagdamba Education Society's
S.N.D. COLLEGE OF PHARMACY
At-Babhulgaon, Tal. Yeola, Dist. Nashik, Maharashtra-423401
Web side- www.sndpharmacy.com
Contact No- 02559-225041/42

NACC Accredited with Grade "B"



BACHELOR IN PHARMACY

FINAL YEAR B. PHARMACY STUDENTS
-PROJECT REPORTYear - 2022-2023

FORMULATION & EVAULATION OF HERBAL GARLIC PEELHANDWASH

A Project Report ON FORMULATION & EVAULATION OF HERAL GARLIC PEEL HANDWASH

IS submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by :Mr.KAMODKAR SAGAR GOVIND

(Final year B.pharmacy)

Project Guide:-

Prof. P.L.NIKAM

Assist.Prof SND Collage of pharmacy ,Yeola.

SND COLLAGE OG PHARMACY, YEOLA







Declaration by the Candidate

I hereby declare that this Project Report entitled

"FORMULATION & EVAULATION OF HERAL GARLIC PEEL HANDWASH

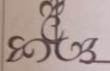
is a bonafide and genuine Project Report carriedout by me under the guidance of Prof.P.L.NIKAM Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola' cola.

Date: 26/05/2022

Place: yeola.

Mr. KAMODKAR SAGAR GOVIND

(Final year B .pharmacy)



ESES

SND COLLAGE OG PHARMACY, YEOLA

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Declaration by the Guide

This is to certify that the Project Report entitled FORMULATION & FORMULATION & EVAULATION OF HERAL GARLIC PEEL HANDWASH is a bonafide Project Report done by Mr Kamodkar sagar Govind (Final year B.pharmacy) in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date:

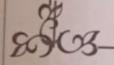
Place:

Prof.P L.Nikam

Assist.Prof

SND Collage of pharmacy

,Yeola



8003

SND COLLAGE OG PHARMACY, YEOLA

ì

"Formulation & Evaluation of Peel-Off Face Mask Gel Containing Ficus Religiosa ZnO Nanoparticles."

A PROJECT REPORT ON

"Formulation & Evaluation of Peel-Off Face Mask Gel Containing <u>Ficus</u>
<u>Religiosa</u> ZnO Nanoparticles."

Submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by Mr. JADHAV JAY SATISH

(Final year B.pharmacy)

Guided By Miss. A. S. Punekar

(M. Pharm.QA)

enlorhous phamak.

SND College of Pharmacy, Babhulgaon, Yeola

Page 1



Declaration by the Candidate

I hereby declare that this Project Report entitled "Formulation & Evaluation of Peel-Off Face Mask Gel Containing <u>Ficus Religiosa</u> ZnO Nanoparticles." is a bonafide and genuine Project Report carried out by me under the guidance of Miss. A. S. Punekar (M. Pharm.QA) Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 24/05/2023

0

5

5

9

Place: Babhulgaon

Mr. JADHAV JAY SATISH

Talhou

(Final year B.pharmacy)

"Formulation & Evaluation of Peel-Off Face Mask Gel Containing Ficus Religiosa ZnO Nanoparticles."

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Declaration by the Guide

This is to certify that the Project Report entitled "Formulation & Evaluation of Peel-Off Face Mask Gel Containing <u>Ficus Religiosa</u> ZnO Nanoparticles." is a bonafide Project Report done by Mr. JADHAV JAY SATISH (Final year B.pharmacy) in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 24/05/23

W

Place: Babhulgaon.

Miss. A. S. Punekar

(M. Pharm.QA)

SND College of Pharmacy, Babhulgaon, Yeola

Page 3



Endorsement by the Principal

This is to certify that the Project Report "Formulation & Evaluation of Peel-Off Face Mask Gel Containing <u>Ficus Religiosa</u> ZnO Nanoparticles." is a bonafide Project Report done by Mr. JADHAV JAY SATISH in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 26/5/23

Place:

ONS & Bonnigson to

Dr. R. S. Kalkotwar
M. Pharm, Ph.D.
Principal, SND College of Pharmacy,
Yeola – 423 401

A Project Report on

"FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES"

is submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

0000000000

Submitted by:-

Mrs.Pagar Vishal Bhaulal

(Final year B.pharmacy)

Project Guide:-

Dr. Barde L. G.

(M. Pharm., PhD)

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



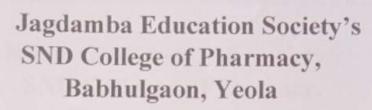
Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES" is a bonafide and genuine Project Report carried out by me under the guidance of Dr. LOKESH G. BARDE, Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 27 |05 | 2023

Place: Babhulgav.

Mr.Pagar Vishal Bhaulal (Final year B.pharmacy)





Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION

DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES" is
a bonafide Project Report done by Mr.Pagar Vishal Bhaulal in partial
fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 27 | 05 | 2023

Place: Babhulgav .

Dr. Barade L. G.

Assistant Professor. SND College of Pharmacy. Babhulgaon, Yeola - 423 401



Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Endorsement by the Principal

This is to certify that the Project Report entitled "FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES" is a bonafide Project Report done by Mr.Pagar Vishal Bhaulal in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 27 |05/2023

Place: Babhulgau



Dr. R/S. Kalkotwar

M. Pharm, Ph.D.
Principal, SND College of Pharmacy,

Yeola - 423 401

A PROJECT REPORT ON FORMULATION AND EVALUATION OF ANTIAGING GEL

Submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by :-Mr. GAWAND RUSHIKESH PANDIT (Final year B.pharmacy)

> Guided By: Prof. P.L.NIKAM

Mys. En Dhamak.

SND College of



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION AND EVALUATION OF POLYHERBAL ANTI-AGING GEL" is a bonafide and genuine Project Report carried out by me under the guidance of Proff.P.L.Nikam, Associate Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 29 | 05 | 2023

Place: Babhulgaon,

Mr. GAWAND RUSHIKESH PANDIT

Paward

(Final year B.pharmacy)







Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF POLYHERBAL ANTI-AGING GEL" is a bonafide Project Report done by Mr. GAWAND RUSHIKESH PANDIT in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: Babhulgoon 29/05/2023

Place: Babhulgaon,

4 eola

Proff.P.L.Nikam Associate professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401







Endorsement by the Principal

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF POLYHERBAL ANTI-AGING GEL" is a bonafide Project Report done by Mr. GAWAND RUSHIKESH PANDIT in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 29 105 / 2023

Place: Bubhalgaon

4000



Dr. R. S. Kalkotwar

M. Pharm, Ph.D.

Principal, SND College of

Pharmacy,

Yeola - 423 401

A
Project Report on

"ALLIUM SATIVUM: A SYSTEMIC AND COMPREHENSIVE REVIEW"

is submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by:-

Miss. Khodke Sejal Rajendra (Final year B.pharmacy)

Project Guide:Mr. Gangurde M. S.
(M. Pharm)

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Candidate

I hereby declare that this Project Report entitled "ALLIUM SATIVUM: A SYSTEMIC AND COMPREHENSIVE REVIEW" is a bonafide and genuine Project Report carried out by me under the guidance of Mr. GANGURDE M. S., Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 2/12/2022

Place: Babhulgaon

Miss. Khodke Sejal Rajendra (Final year B.pharmacy)

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Guide

This is to certify that the Project Report entitled "ALLIUM SATIVUM: A SYSTEMIC AND COMPREHENSIVE REVIEW" is a bonafide Project Report done by Miss. Khodke Sejal Rajendra in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 2/12/2022

Place: Bubhulgaon

02 | 12 | 2012 Mr. Gangurde M. S.

Assistant Professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401



Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Endorsement by the Principal

This is to certify that the Project Report entitled "ALLIUM SATIVUM: A SYSTEMIC AND COMPREHENSIVE REVIEW" is a bonafide Project Report done by Miss. Khodke Sejal Rajendra in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 2/12/2022

Place: Babhulgaon

Dr. R. S. Kalkotwar

M. Pharm, Ph.D.

Principal, SND Conege of Pharmacy,

Yeola - 423 401

S. N. D. College of Pharmac, Bebhulgaon, Tat. Yeola (Nasik A
Project Report on

"PHARMACY PRACTICE TRAINING REPORT"

is submitted to



Jagdamba Education Society's
SND College of Pharmacy
Babhulgaon, Yeola, Dist. Nashik - 423 401
Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by:-

Miss. Kapadi Vijaya Dattatraya (Final year B.pharmacy)

Project Guide:-

Mr. Gangurde M. S.

(M. Pharm)







Declaration by the Candidate

I hereby declare that this Project Report entitled "PHARMACY PRACTICE TRANING REPORT" is a bonafide and genuine Project Report carried out by me under the guidance of Mr. Gangurde M. S. Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 2/12/22

Place: Babhulgaon (yeola)

Miss. Kapadi Vijaya Dattatraya (Final year B.pharmacy)









Declaration by the Guide

This is to certify that the Project Report entitled "PHARMACY PRACTICE TRANING REPORT" is a bonafide Project Report done by Miss. Kapadi Vijaya Dattatraya in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 2/11/22

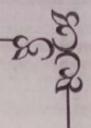
Place: Babhulgaon (yeola)

Mr. Gangurde M. S

Assistant Professor,

SND College of Pharmacy, Babhulgaon, Yeola - 423 401







Declaration by the Candidate

I hereby declare that this Project Report entitled "Hospital Training" is a bonafide and genuine Project Report carried out by me under the guidance of Miss.S.A.Waghmare Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date:

Place:

Miss. Gayatri Sopan Sanap (Final year B.pharmacy)





Declaration by the Guide

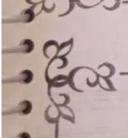
This is to certify that the Project Report entitled "Hospital Traning" is a bonafide Project Report done by Miss. Gayatri Sopan Sanap in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date:

Place:

Miss.S.A.Waghmare

Assistant Professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401



A PROJECT REPORT ON

Formulation and Evaluation of Herbal Hair Mask

Submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by :-Miss. Tejal Chandrahar Kadam

(Final year B.pharmacy)

Guided By: Mrs. Sharma K.S.

(M.Pharm., Pharmacognosy Dept)

The F.O. D Howar

SND College of Pharmacy, Babhulgaon, Yeola Page 1



Declaration by the Candidate

I hereby declare that this Project Report entitled "Formulation and Evaluation of Herbal Hair Mask" is a bonafide and genuine Project Report carried out by me under the guidance of Mrs. Sharma K.S.(M.Pharm., Pharmacognosy Dept) Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 19/5/2023
Place: Babhulgoan

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-kadam

Miss. Tejal Chandrahar Kadam

(Final year B.pharmacy)

SND College of Pharmacy, Babhulgaon, Yeola Page 2



Declaration by the Guide

This is to certify that the Project Reportentitled

"Formulation and Evaluation of Herbal Hair Mask"

is a bonafideProject Reportdone by Miss. Tejal Chandrahar Kadam (Final year B.pharmacy) in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 19/5/23

Place: Bobhulgoan

Mrs. Sharma K.S.

(M.Pharm.,Pharmacognosy Dept)

SND College of Pharmacy, Babhulgaon, Yeola Page 3

A Project Report on

"FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES"

is submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

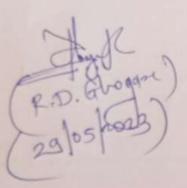
Submitted by:-

Miss.Pagar Sakshi Rajendra (Final year B.pharmacy)

Project Guide:-

Dr. Barde L. G.

(M. Pharm., PhD)



55555555555555

Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF NIOSOMES" is a bonafide and genuine Project Report carried out by me under the guidance of Dr. LOKESH G. BARDE, Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 27/05/2023

Place: Dabhulgaon

Miss. Pagar Sakshi Rajendra (Final year B.pharmacy) "Formulation & Evaluation of Peel-Off Face Mask Gel Containing Ficus Religiosa ZnO Nanoparticles."

A PROJECT REPORT ON

"Formulation & Evaluation of Peel-Off Face Mask Gel Containing <u>Ficus</u>

<u>Religiosa</u> ZnO Nanoparticles."

Submitted to



Jagdamba Education Society's SND College of Pharmacy Babhulgaon, Yeola, Dist. Nashik - 423 401 Academic Year- 2022-23

BACHELOR OF PHARMACY

Submitted by
Mr. JADHAV AVINASH BHATURAM

(Final year B.pharmacy)

Guided By Miss. A. S. Punekar

(M. Pharm.QA)

Mrs. KN Dhamat

SND College of Pharmacy, Babhulgaon, Yeola

Page 1



Declaration by the Candidate

I hereby declare that this Project Report entitled "Formulation & Evaluation of Peel-Off Face Mask Gel Containing Ficus Religiosa ZnO Nanoparticles." is a bonafide and genuine Project Report carried out by me under the guidance of Miss. A. S. Punekar (M. Pharm. QA) Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 24/05/2023
Place: Bathwagen

Mr. JADHAV AVINASH BHATURAM

(Final year B.pharmacy)

SND College of Pharmacy, Babhulgaon, Yeola

Page 2



Declaration by the Guide

This is to certify that the Project Report entitled "Formulation & Evaluation of Peel-Off Face Mask Gel Containing <u>Ficus Religios</u>a ZnO Nanoparticles." is a bonafide Project Report done by Mr. JADHAV AVINASH BHATURAM (Final year B.pharmacy) in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 24/05/23

Place: Babhulgaon.

Miss. A. S. Punekar

(M. Pharm.QA)



Endorsement by the Principal

This is to certify that the Project Report "Formulation & Evaluation of Peel-Off Face Mask Gel Containing Ficus Religiosa ZnO Nanoparticles." is a bonafide Project Report done by Mr. JADHAV AVINASH BHATURAM in partial fulfillment of the requirement for the Bachelor of Pharmacy.

Date: 26/97s Place: Bashulgan College of promise y & Babrilloan, Tal.

Dr. R. S. Kalkotwar

M. Phárm, Ph.D.

Principal, SND College of Pharmacy,
Yeola – 423 401

Formulation And Evaluation of Face Serum Using Rose Petals

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Declaration by the Candidate

I hereby declare that this Project Report entitled "FORMULATION AND EVALUATION OF FACE SERUM" is a bonafide and genuine Project Report Carried out by me under the guidance of Dr.Amol U. Gayke, Assistant Professor, Jagdamba Education Society's SND College of Pharmacy, Babhulgaon, Yeola.

Date: 24105/23.

Place: Babhulgaon

Mr. Akshay Devidas Harpade

(Final year B.Pharmacy)

Formulation And Evaluation of Face Serum Using Rose Petals

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Declaration by the Guide

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF FACE SERUM" is a bonafide Project Report done by Mr. Akshay Devidas Harpade in partial fulfilment of the requirement for the Bachelor of Pharmacy.

Date: 24 17175

Place: Babhulgaon

Dr. Amol U. Gayke

Assistant Professor, SND College of Pharmacy, Babhulgaon, Yeola - 423 401 Formulation And Evaluation of Face Serum Using Rose Petals

JAGDAMBA EDUCATION SOCIETY'S SND COLLEGE OF PHARMACY, BABHULGAON, YEOLA



Endorsement by the Principal

This is to certify that the Project Report entitled "FORMULATION AND EVALUATION OF FACE SERUM" is a bonafide Project Report done by Mr.Akshay Devidas Harpade in partial fulfilment of the requirement for the Bachelor of Pharmacy.

Date: 24/5)23

Place: Babhulgaon

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Dr. R. S. Kalkotwar
M. Pharm, Ph.D.
Principal, SND College of Pharmacy,
Yeola – 423 401

"SOLAR ENERGY"

A

DISSERATION SUBMITTED TO UNIVERSITY OF PUNE
IN PARTIAL FULFILMENT OF

DEGREE OF

PHARMACY (S.Y.B. PHARM)

BY

Mr. NARODE RUSHIKESH K.

(B. PHARM)

GUIDE

(M. PHARM)



S.N.D COLLEGE OF PHARMACY YEOLA (NASHIK)

2022-2023





Jagdamba Education Society's

SND COLLEGE OF PHARMACY

Babhulgaon, Tal- Yeola, Dist. Nashik. Pin- 423 401 (Maharashtra)

NAAC ACCREDITED WITH B" GRADE

Bd268

CERTIFICATE

This is to certify that the investigation described in this project entitled

"SOLAR ENERGY"

is submitted for the degree pharmacy, to the University Pune were carried out in S.N.D. College of Pharmacy, Babhulgaon, Yeola by

Mr.NARODE RUSHIKESH K.

under my guidance and supervision. The project is now ready for submission.

Date: 01 07/23

Place: Babhulgaon

Mr. Bhabad Rahul

(M.PHARM)

(Guide)



Jagdamba Education Society's

SND COLLEGE OF PHARMACY

Babhulgaon, Tal- Yeola, Dist. Nashik. Pin- 423 401 (Maharashtra) NAAC ACCREDITED WITH" B" GRADE

CERTIFICATE

This is to certify that the investigation described in this project entitled

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under my guidance and supervision. The project is now ready for submission.

Principal

S. N. D. College of Pharmacy

Babhulgaon, Tal. Yeola (Nasik) prof. Dr. R.S.Kalkotwar

(Principal)

S.N.D College of Pharmacy

Date: 01 /07/23

Place: Bobhulgaon



ACKNOWLEDGEMENT

Firstly, I would like to thanks all my friends for making this dream come true. It is said that 'accomplishment' must be created to those who had put up the foundation of the particular chore. Here, I pay tribute to my parents for lifting up till this phase of life. I thank them for their love, trust, patients and support of course for bearing all kind of stresses, they could, to make me what I am. I owe everything to them and for being my constant companion the strongest source of motivation and inspiration.

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I am very thankful to my dear friend Mr.Gade Akash Nandu for their contribution and support for my work and also thankful to my lovely friends.

I am also thankful to my loving parents, sister for the blessing and their fabulous encouragement, motivation and moral support.

Date: 01/07/ 2023

Place: Babhulgaon

Mr. Narode Rushikesh Kailas

(S.Y.B Pharm)

