

1.3.3. name of the program undertaking project work/ fieldwork			
Program name	Program code	Project/field/internship	description
3 rd B. Pharm	BPH	Fieldwork	Industrial training
4 th sem B. Pharm	BPH	Project work	Practical projects on preparation, assessment, and analytical evaluation
V. Pharm D	PMD	Project work	Prescribing patterns of drugs in the hospital
VI Pharm D	PMD	Internship	Ward round participation
M. Pharm	MPH	Project work	Practical projects on novel formulations, animal studies, analytical studies
3 rd B. Pharm	BPH-UGG	UG grant project	Practical projects on innovative formulations and their evaluation

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**“EVALUATION OF WOUND HEALING
ACTIVITY OF HERBAL NANOGEL FORMULATION
IN WISTAR RAT MODEL”**

BY

Mr. ANSARI AASHIF RAZA MOHD IMTIYAZ, B. Pharm.,

Registration number: 22PP312

A DISSERTATION SUBMITTED TO



Rajiv Gandhi University of Health Sciences, Karnataka, Bengaluru

In partial fulfilment of the requirements for the

MASTER OF PHARMACY

IN

PHARMACOLOGY

Under the guidance of

Dr. DEEPARANI UROLAGIN., M Pharm, PhD.

PROFESSOR & HOD

DEPARTMENT OF PHARMACOLOGY



R R COLLEGE OF PHARMACY, BENGALURU-560090

OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA.**

**“EVALUATION OF ANTI-HYPERLIPIDEMIC ACTIVITY
OF ETHANOLIC ROOT EXTRACT OF *PSIDIUM GUAJAVA*
(MYRTACEAE) IN WISTAR RAT”**

BY

ARUNDHATI KASHYAP, B. Pharm.,

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A DISSERTATION SUBMITTED TO



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In partial fulfilment of the requirements for the

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R R COLLEGE OF PHARMACY, BENGALURU-560090

OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA**

**"EVALUATION OF ANTIUROLITHIATIC ACTIVITY OF
ETHANOLIC LEAF EXTRACT OF *ANOGEISSUS
LATIFOLIA* WALL ON SODIUM OXALATE INDUCED
UROLITHIASIS IN WISTAR RATS"**

BY

DEEPIKA H L, B. Pharm.,

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R R COLLEGE OF PHARMACY, BENGALURU-560090

OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA**

**“EVALUATION OF DIURETIC ACTIVITY OF AQUEOUS
LEAF EXTRACT OF *MANGIFERA INDICA* IN WISTAR
RATS”**

BY

MAINAK KHAN, B. Pharm,

Reg. no 22PP315

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In partial fulfilment of the requirements for the

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DEPARTMENT OF PHARMACOLOGY



Since 1993

R R COLLEGE OF PHARMACY

BENGALURU

OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA**

**"EVALUATION OF ANTIDEPRESSANT ACTIVITY OF ETHANOLIC ROOT
EXTRACT OF *CITRUS MAXIMA* IN WISTAR RATS"**

BY

MS MANESWARI BORO, B. Pharm.,

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R R COLLEGE OF PHARMACY, BANGALORE-560090

OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALORE,
KARNATAKA**

**"EVALUATION OF TOPICAL HERBAL FORMULATION
FOR WOUND HEALING IN WISTAR RATS"**

BY

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Reg. No: 22PP317

A DISSERTATION SUBMITTED TO



Rajiv Gandhi University of Health Sciences, Karnataka, Bengaluru

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BENGALURU-560090

NOVEMBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA**

**"ANALGESIC AND ANTI-INFLAMMATORY ACTIVITY OF
HERBAL TRANSDERMAL PATCH IN WISTAR RATS"**

BY

Mr. SAMIR PANDA, B. Pharm.

Reg. No: 22PP318

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OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA**

**“EVALUATION OF ANTIDEPRESSANT ACTIVITY OF
PHYTOCHEMICAL NANO FORMULATION IN WISTAR RATS”**

BY

Mr. SUBHADEEP SAHA, B. Pharm

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R R COLLEGE OF PHARMACY, BENGALURU-560090

OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU,
KARNATAKA**

**“WOUND HEALING ACTIVITY OF NANO GEL
FORMULATION OF ETHANOLIC EXTRACT OF
RAUWOLFIA SERPENTINA IN WISTAR RATS”**

BY

AKSHITA DEB, B. Pharm,

Reg. no 22PG032

A DISSERTATION SUBMITTED TO



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In partial fulfillment of the requirements for the

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IN

PHARMACOGNOSY

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BENGALURU

OCTOBER-2024

**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES,
BENGALURU, KARNATAKA**

**"IPRIFLAVONE BUCCAL BIOADHESIVE TABLET: DESIGN, *IN-VITRO*
ASSESSMENT, AND SOLUBILITY ENHANCEMENT THROUGH SOLID
DISPERSION"**

By

AISWARYA SASINDRAN

B. Pharm.,

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A dissertation work submitted to

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In partial fulfillment of the requirements for the degree of



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Under the guidance of

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OCT 2024

**DESIGN AND *IN-VITRO* EVALUATION OF PRAZOSIN HYDROCHLORIDE
SOLID DISPERSION – UNFOLDING TYPE GASTRO-RETENTIVE
FLOATING FILMS**

By

ASHRITHA

B.Pharm.,

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**MASTER OF PHARMACY
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OCTOBER 2024

**"FORMULATION AND OPTIMIZATION OF MUCOADHESIVE BUCCAL
PATCHES OF ONDANSETRON HYDROCHLORIDE BY USING RESPONSE
SURFACE METHODOLOGY"**

By

ASHWIN C KOTIAN

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MASTER OF PHARMACY

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RR COLLEGE OF PHARMACY, BENGALURU

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OCTOBER 2024

**"A CENTRAL COMPOSITE DESIGN OPTIMIZED DICLOFENAC
POTASSIUM LOADED NIOSOMAL GEL: FABRICATION AND
EVALUATION"**

By

HARSHINI KRISHNAN K V

B. Pharm.,

Reg. No: 22PU473

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R R COLLEGE OF PHARMACY, BANGALORE

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Bengaluru-560090

OCT 2024

**"PREPARATION AND *IN-VITRO* CHARACTERIZATION OF ARIPIPRAZOLE SOLID
DISPERSIONS IN UNCOATED COMPRESSED TABLETS"**

By

KUSUMA K. C, B. Pharm.,

Registration number: **22PU475**

A Dissertation Submitted to the



**Rajiv Gandhi University of Health Sciences, Karnataka,
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In partial fulfillment of the requirements for the degree of

MASTER OF PHARMACY

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DEPARTMENT OF PHARMACEUTICS

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OCTOBER-2024

**DEVELOPMENT AND CHARACTERIZATION OF
NANO GEL FOR TOPICAL DELIVERY OF DAPSONE**

By

K NETRAVATI

B. Pharm.,

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Karnataka, -560041**

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MASTER OF PHARMACY

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DEPARTMENT OF PHARMACEUTICS

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OCT-2024

**"DESIGN AND CHARACTERIZATION OF MATRIX TABLETS
CONTAINING ATENOLOL USING VARIOUS POLYMERS"**

By

NISHANTH K

B. Pharm.,

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**A dissertation work submitted to
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*In partial fulfillment of the requirements for the degree of***

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OCT 2024

**"FORMULATION AND CHARACTERIZATION OF ACECLOFENAC
MICROSPHERE-BASED TOPICAL CREAM USING DESIGN OF
EXPERIMENTS"**

By

NITHYAPRIYA V V

B. Pharm.,

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In partial fulfilment of the requirements for the degree of



MASTER OF PHARMACY

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OCT 2024

**“PRECISION FORMULATION OF LOSARTAN POTASSIUM
MUCOADHESIVE TABLETS: UNVEILING INSIGHT THROUGH
FACTORIAL DESIGN”**

By

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OCTOBER 2024

**"DESIGN AND *IN-VITRO* EVALUATION OF MUCOADHESIVE
BUCCAL FILMS OF PRAZOSIN HYDROCHLORIDE"**

By

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OCT-2024

**“DESIGN AND CHARACTERIZATION OF MUCOADHESIVE
BUCCAL TABLETS OF ATENOLOL”**

By

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OCT 2024

**"DEVELOPMENT AND CHARACTERIZATION OF SUBLINGUAL FAST
DISSOLVING TABLETS OF DOXOPHYLLINE USING NATURAL
SUPERDISINTEGRANTS"**

By

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OCT 2024

**"FORMULATION AND EVALUATION OF SUBLINGUAL TABLET
LOADED WITH NANOSUSPENSION TO AUGMENT LOPERAMIDE HCl
BIOAVAILABILITY"**

By

SHREYA J POOJARI

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MASTER OF PHARMACY

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OCTOBER 2024

**"FORMULATION AND EVALUATION OF MUCOADHESIVE
BUCCAL FILMS OF REPAGLINIDE"**

By

MAHALAKSHMI R

B. Pharm.,

Reg. No: 22PU476

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MASTER OF PHARMACY

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Since 1983

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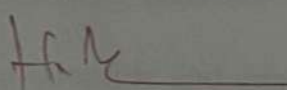

RR COLLEGE OF PHARMACY, BENGALURU-560090

OCT-2024

This is to certify that the project entitled "FORMULATION AND EVALUATION OF COLON TARGETED MATRIX TABLET CONTAINING METRONIDAZOLE" is carried out by SAMJITH E.S, MUHAMMED SHAHID C.H, DEEKSHA.M, DIVYASHREE SHANMUKHAPPA ANVERI, ROSHAN ,SOWMYA T J in partial fulfillment of the requirement for the degree of Bachelor of pharmacy.

EVALUATION CERTIFICATE

This is to certify that this project has been evaluated CERTIFICATE.

	Internal Examiner	External Examiner
Signature		
Name	Dr. HARBHAT ATM.	Dr. Shankararam
College	RRCB	SCS COP
Date	20/12/2024	02-12-2024

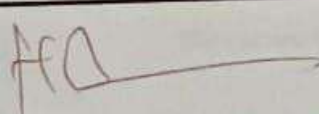
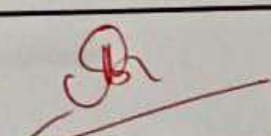
Rajiv Gandhi University of Health Sciences, Karnataka.



EVALUATION CERTIFICATE

This is to certify that the project entitled **"FORMULATION AND EVALUATION OF MUCOADHESIVE MICROSPHERES OF PROPRANOLOL HYDROCHLORIDE BY CENTRAL COMPOSITE DESIGN"** is carried out by Mr. MOHAMED SADAT M, Mr. NAHAS AMAN, Ms. ATHMIKA H S, Ms. RANJITHA V, Mr. SHASHANK R GOWDA, Ms. SUNIDHI SRINIVAS, in partial fulfillment of the requirement for the Degree of Bachelor of Pharmacy.

This is to certify that the project has been evaluated.

	Internal Examiner	External Examiner
Signature		
Name	nahas aman	Dr. Shankarappa
College	RRC	SCS Corp
Date	02.12.2024	02.12.2024



EVALUATION CERTIFICATE

This is to certify that the project entitled **"SOLUBILITY ENHANCEMENT OF IPRIFLAVONE THROUGH SOLID DISPERSION TECHNIQUES."** is carried out by Mr. BIBEK KUMAR SAH, Ms. GOWTHAMI. M, Mr. HEMIM AHAMMED, Mr. PRAJWAL.D, Ms. SHARANYA. P, Ms. USHA. R, Mr. QURESHI MOHAMMED SUMAN ABUTHAHIRUZZAMA requirement for the Degree of Bachelor of Pharmacy.

This is to certify that the project has been evaluated.

	Internal Examiner	External Examiner
Signature		
Name	Dile ABRAH ATHAN	Dr. Shankarappa M
College	P.R.C.P.	SCS Cop
Date	24/12/2024	02.12.2024

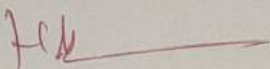
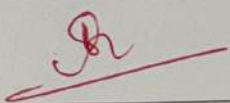
R. R COLLEGE OF PHARMACY, BANGALORE - 560090



This is to certify that the project entitled "Development and characterization of oral floating tablets of Atenolol using natural gums" is carried out by **Mr. Ananthu Santhosh, Ms. Aishwarya. R, Ms. Chandana K, Mr. Prakash Annappayya Achari, Mr. Varun K H**, in partial fulfilment of the requirement for the Degree of Bachelor of Pharmacy.

EVALUATION CERTIFICATE

This is to certify that this project has been evaluated.

	Internal Examiner	External Examiner
Signature		
Name	Dr. H. Arasu ATTN	Dr. Shankranya. H
College	RRCF	SCS GP
Date	02.12.2024	02.12.2024

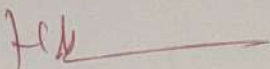
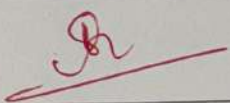
R. R COLLEGE OF PHARMACY, BANGALORE - 560090



This is to certify that the project entitled "Development and characterization of oral floating tablets of Atenolol using natural gums" is carried out by **Mr. Ananthu Santhosh, Ms. Aishwarya. R, Ms. Chandana K, Mr. Prakash Annappayya Achari, Mr. Varun K H**, in partial fulfilment of the requirement for the Degree of Bachelor of Pharmacy.

EVALUATION CERTIFICATE

This is to certify that this project has been evaluated.



	Internal Examiner	External Examiner
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Name	Dr. H. Arasu ATTN	Dr. Shankranya. H
College	RRCF	SCS GP
Date	02.12.2024	02.12.2024



EVALUATION CERTIFICATE

This is to certify that the project entitled **"FORMULATION AND EVALUATION OF SUSTAINED RELEASE MATRIX TABLET OF AMILORIDE HYDROCHLORIDE"** is carried out by Mr. ABILASH JAYAN, Mr. AMEER, Mr. MIDHUN V M, Mr. NABIULLAH ANSARI, Mr. RAJESH A, Mr. SUDEEP K M, Ms. HIMASHREE DEBBRAMA, in partial fulfillment of the requirement for the Degree of Bachelor of Pharmacy.

This is to certify that the project has been evaluated.

	Internal Examiner	External Examiner
Signature		
Name	Dr. Anurag Kumar	Dr. Shanbram N
College	RRCH	SCS CoP
Date	22 Dec 2024	02.12.2024

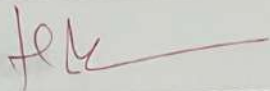
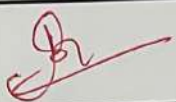
Rajiv Gandhi University of Health Sciences, Karnataka.



EVALUATION CERTIFICATE

This is to certify that the project entitled **"FORMULATION AND EVALUATION OF SUSTAINED RELEASE MATRIX TABLETS OF SUCRALFATE"** is carried out by Mr. ANANDHAKRISHNAN.M, Mr. MOHAMMED NASEEM. K, Ms. MUSKAN A MULLA, Mr. PRAJWAL.H. N. in partial fulfillment of the requirement for the Degree of Bachelor of Pharmacy.

This is to certify that the project has been evaluated.

	Internal Examiner	External Examiner
Signature		
Name	Dr. P. ABINAV AHLAM	Dr. Shanmugasundaram
College	RRCP	SCS COB
Date	24 Dec 2024	02.12.2024

**TARGETING VIRAL PROTEINS WITH PYRIMIDINE
DERIVATIVES : AN *INSILICO* STUDIES OF
ANTIVIRAL AGENTS**

By

Abhijith K (Reg.No:17P8502)

Muhammed Nihal (Reg.No:19P4097)

Madineni Jhansi (Reg.No:20P3869)



B. Pharmacy

A Dissertation Submitted to

Rajiv Gandhi University of Health Sciences, Karnataka,

Bengaluru, 560041

BACHELOR OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

Under the guidance of



Guide

Dr. S.D. Vachala

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Department of Pharmaceutical Chemistry

RR College of Pharmacy

Bengaluru, Karnataka

**COMPUTATIONAL INVESTIGATION ON NEWER ANTI
DIABETIC DRUGS -TARGET INTERACTION: A COMPARATIVE
STUDY OF DAPAGLIFLOZIN, TIRZEPATIDE, TEPLIZUMAB,
SEMAGLUTIDE**



A Dissertation Submitted to the
Rajiv Gandhi University of Health Sciences

Karnataka, Bengaluru, 560041

Bachelor of Pharmacy (2024-25)

Dept of Pharmaceutical Chemistry

Under the guidance of

DR. S.D .VACHALA

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Submitted by

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BENGALURU-560041

(Approved by PCI and NAAC Accredited with “A” Grade)

**FORMULATION OF ANTI-MICROBIAL HERBAL CREAM
BY USING COLEUS BARBATUS LEAF EXTRACT**

By

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AMISHA (Reg.No: 20P3839)

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B. Pharmacy

**A Dissertation Submitted to the
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**BACHELOR OF PHARMACY
IN
PHARMACEUTICAL CHEMISTRY**

Under the guidance of



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SYNTHESIS AND EVALUATION OF 2,4 DICHLOROQUINOLINE BY MICROWAVE IRRADIATION METHOD

By

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RAVI RANJAN (Reg. No.20P3896)
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In

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

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DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

R R COLLEGE OF PHARMACY

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2023-2024.

**“ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE
DETERMINATION OF L-METHYLFOLATE BY ULTRA HIGH
PRESSURE LIQUID CHROMATOGRAPHY IN SOLID DOSAGE FORMS”**

By,

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MR.SNEHASIS BASU (19P4121)

Mr. SUMAN MANNA (19P4130)

Mr. DARSHAN K (18P5422)

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2023-2024

"SYNTHESIS, CHARACTERIZATION AND EVALUATION OF NOVEL ISATIN ANALOGUES"



**Rajiv Gandhi University of Health Sciences, Karnataka,
Bengaluru-560041**

Project Report Submitted in Partial Fulfillment of the Requirement for the Degree of
Bachelor of Pharmacy

Submitted by,
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MOHAMMED MUBASHIR C (17P8541)
SALMAN FARIS P (17P8567)

Under the Supervision of
Mrs. G SUJATHA



Department of Pharmaceutical Chemistry
R.R College of Pharmacy Bangalore
2023-2024

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Department of Pharmaceutical Chemistry
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**"FORMULATION OF ANTIDANDRUFF HERBAL SHAMPOO BY USING
POMEGRANATE AND PINEAPPLE PEEL EXTRACT"**

By,
SAMIM EFTEKAR (19P4111)
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R R COLLEGE OF PHARMACY, BENGALURU- 560090 2023-2024

“FORMULATION AND EVALUATION OF HERBAL HANDWASH USING FICUS RELIGIOSA LEAF EXTRACT”

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EVALUATION CERTIFICATE



This is to certify that the project entitled “**EVALUATION OF ANTI AND ANTIMICROBIAL ACTIVITY BY USING MUKIA MADERASPATANA PLANT EXTRACT**” is carried out by **Mr. RAYEES C** (Reg. No. 20P897), **Mr. YOGANANDHA S H** (Reg. No.20P3927), **Ms. SARGA K** (Reg. No. 18P5484), **Ms. DOLPHINIA LAREEN KURBAH** (Reg. No. 17P8521). in partial fulfillment of the requirement for the degree of Bachelor of Pharmacy.

This is to certify that the project has been evaluated.

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DECLARATION BY THE CANDIDATE

I hereby declare that this dissertation entitled **“COMPARATIVE ~~Herb~~ GROWTH EVALUATING ACTIVITY OF MARKETED FORMULATION WITH ISOLATED HERBAL ACTIVE CONSTITUENT”**. is a bonafide and genuine research work carried out by me under the guidance of **Dr. DEEPARANI UROLAGIN.**, Professor and HOD, Department of Pharmacology, R R College of Pharmacy, Bengaluru-560090.

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**STUDY OF ANTIPYRETIC ACTIVITY OF ETHANOLIC EXTRACT OF
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ANALGESIC ACTIVITY OF *GARCINIA INDICA* FRUIT RIND IN RATS

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STUDY OF ANTI-INFLAMMATORY ACTIVITY OF AQUEOUS ROOT EXTRACT OF *Citrus maxima*

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**A CROSS-SECTIONAL STUDY ON ANTIBIOTIC
UTILIZATION PATTERNS FOR SURGICAL PROCEDURES
IN A TERTIARY CARE HOSPITAL**



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**SURGICAL ANESTHESIA: A STUDY ON UTILIZATION, RISK
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**STUDY ON SINGLE-DOSE INTRAVENOUS IRON THERAPY'S IMPACT
ON HEMOGLOBIN AND ITS OUTCOMES IN HOSPITALIZED
CHRONIC KIDNEY DISEASE PATIENTS**



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**STUDY OF RISK FACTORS ASSOCIATED WITH CARDIOVASCULAR
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**A CROSS-SECTIONAL STUDY ON DRUG UTILIZATION
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