

# CERTIFICATE

## STATEMENT BY CANDIDATE

As required by university regulation, I wish to say that the work embodied in this report, "SYNTHESIS OF PYRAZOLONE FROM GREEN CATALYST" forms our own contribution to the research work carried out under the guidance of Ms. Sayli Sawant at H.K. College of Pharmacy. This work has not been submitted for any other degree of this or any other university. Whenever references have been made to the previous work of others, it has been clearly indicated as such and included in the reference section.

Candidate Name:

Danish Ansari *Danish*

Shamiullah shah *Shah*

Aman Singh *Aman*

## STATEMENT BY EVALUATORS

I certify that titled the project "SYNTHESIS OF PYRAZOLONE FROM GREEN CATALYST" being submitted by Danish Ansari, Shamiullah Shah & Aman Singh under research project as a part of Final year B. pharmacy project is carried out at H.K College of Pharmacy.

*Vasanti*  
Dr. Vasanti Surwase  
12/14/23

Certified by:

External Examiner

*J. Indira Parab*  
12/14/23  
DR. Indira Parab

Certified by:

Internal Examiner

*Sawant*

Certified by:


Project Guide

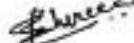


## DECLARATION

We, Shivchandra Mukhiya, Shereen Shaikh, Susmitha Udaiyar, hereby submit the project entitled- "FORMULATION AND EVALUATION OF POLYHERBAL MOUTH GEL CONTAINING ACACIA CATECHU, GLYCYRRHIZA GLABRA, JASMINUM GRANDIFLORUM AND MENTHA PIPERITA FOR TREATMENT OF APHTHOUS ULCER" during the academic session 2022-2023, in the department of Pharmacognosy, H.K. College of Pharmacy, as a part of the curriculum 'Pharmacy Council of India (PCI)' of the University of Mumbai.


Candidates' signatures:

Shivchandra Mukhiya (31) 

Shereen Shaikh (52) 

Susmitha Udaiyar (59) 

Guide's signature:

  
05/04/23

Mrs. Dipti Chirmade

(Asst. Prof. Pharmacognosy)

Evaluator's signature:





Principal's signature:  


Dr. M.N. Saraf

PRINCIPAL  
H.K. COLLEGE OF PHARMACY  
Jogeshwari (W), Mumbai-400 102


## DECLARATION

I, **Fiona Fernandes, Anika Sahay, Zubiya Shaikh**, hereby submit the project entitled "**FORMULATION AND EVALUATION OF HERBAL OINTMENT**" forms any contribution to the research work carried out under the guidance of **Mrs. Parimal Kotkar** at **H. K College of Pharmacy**. This work is not a part of any other program at this or another university. Whenever references have been made to previous work of others, it has been clearly indicated as such and is included in the references section.

(Signature of the candidate)

**FIONA FERNANDES (10)** 

**ANIKA SAHAY (40)** 

**ZUBIYA SHAIKH (53)** 

**CERTIFIED BY-**

  
Mrs. Parimal Kotkar  
(RESEARCH GUIDE)  
5.3.2023



**CERTIFIED BY-**

  
Dr. M. N Saraf  
(PRINCIPAL)

**PRINCIPAL**  
**H.K.COLLEGE OF PHARMACY**  
Ingheshwari (W), Mumbai-400 102

## DECLARATION

We, Ankita Nikam, Sakib Patankar, Shivam Yadav hereby submit the research project report "**Modification of polymers and their analysis**" during the academic session 2022-2023, H.K. College of Pharmacy as a part of the curriculum, Pharmacy Council of India (R2019), and Choice Based Credit System (CBCS) of the University of Mumbai.

The information is derived from the existing literature survey, research paper and review article.

### Candidate Names:

Ankita Nikam (Roll No. 32) Ankita  
Sakib Patankar (Roll No. 35) Sakib  
Shivam Yadav (Roll No. 65) Shivam

UAB  
3/4/2023

### Guide:

Dr. Archana Upadhya  
(Associate Professor)  
H.K. College of Pharmacy

Final Year B.Pharm

Academic Year 2022-23

H.K. College of Pharmacy



Principal

Prof. (Dr.) M. N. Saraf

H.K. College of Pharmacy

**PRINCIPAL**  
**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

WE, PAPPU VINOD GUPTA, MOHAMMED AYAAN SHAIKH, HUSSAIN ANSARI hereby submit the 'Project report' during the academic session 2023 in the department of Pharmaceutical Chemistry, H.K. College of Pharmacy as a part of the curriculum, Choice Based Credit System (CBCS) of the University of Mumbai.

The information is derived from the existing literature survey, research paper and review article.

Candidate Name:

PAPPU VINOD GUPTA (13) *Pappu*  
MOHAMMED AYAAN SHAIKH (49) *MS*  
HUSSAIN ANSARI (03)

Guide:

Mrs. Jayshree Sharma *J.Sharma*  
(Assistant Professor)  
Pharmaceutical Chemistry

Final Year B. Pharmacy  
[Pharmaceutical Chemistry Department]  
Roll no: 13, 49, 03  
Semester: VIII  
Date: 5<sup>th</sup> April 2023

Evaluator:

*[Signature]*  
Dr. INDIRA PARAB  
(HOD of Pharmaceutics)

Principal:

*[Signature]*  
Dr. M. N. SARAF  
(Dean and Principal)



**PRINCIPAL**  
**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

We, ANAMIKA MISHRA,PUSHPA RAM,GAURAV SAWANT hereby submit the 'Project report' during the academic session 2023 in the department of pharmaceuticals department, H.K. College of Pharmacy as a part of the curriculum, Choice Based Credit System (CBCS)-R of the University of Mumbai.

The information is derived from the existing literature survey, research paper and review article.

**Candidate Name:**

Anamika Mishra(29)

Pushpa Ram(38)

Gaurav Sawant(44)

**Guide:**

Ms.Nida Shaikh

(Assistant Professor)

Pharmacognosy department



Final Year B. Pharmacy

[Pharmaceutics Department]

Roll no: 29,38,44

Semester: VIII

Date:



Evaluator:



Principal:

Dr. M. N. SARAF

(Principal)

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

I, Bhavesh devashi, Khan Abdulaleem and Sayyed Arshad Ahmed hereby submit the Project Report entitled on "Formulation and Evaluation of novel proniosomal carrier for topical formulation" during the academic session 2022-2023 in the department of Pharmaceutics, HK College of Pharmacy as a part of the curriculum, Pharmacy Council of India (R-2019) of the University of Mumbai

The information used in our research project is derived from the existing literature, research papers and review articles. The experiments were performed in the HKCP laboratory.

**Candidate Name:**

Bhavesh Devashi  
Khan Abdulaleem  
Sayyed Arshad Ahmed

**Guide:**

Dr. Sheela Yadav  
(Assistant Professor)

**Final year B. Pharmacy**

Roll no: 09, 19, 45

Semester: 8

Date:



**Principal:**

Dr. M.N. Saraf  
(Principal)

PRINCIPAL

H.K. COLLEGE OF PHARMACY  
Jogeshwar (W), Mumbai-400 102

## DECLARATION

We, Vighnesh Jathar, Rahul Maurya and Shivam Singh, hereby submit our project entitled, "SYNTHESIS OF SULFONAMIDE AND ITS AMINE DERIVATIVE, CHARACTERIZATION OF THEIR PHYSIO-CHEMICAL AND ANTIMICROBIAL PROPERTY" during the academic session 2022-2023 in the department of pharmaceutical organic chemistry, H.K. College of Pharmacy as a part of the curriculum 'Pharmacy Council of India' (PCI) of the University of Mumbai.

Guide:

*Shehnaaz*

Mrs Shehnaaz Saksena

(Assistant Professor)

Pharmaceutical Organic Chemistry

Candidates Name:

*Jathar*

Vighnesh D. Jathar (17)

*Rahul*

Rahul Maurya (26)

*Shivam*

Shivam Singh (56)

Final Year B. Pharmacy

Semester: VIII

Date: 03.04.2023

*Indira Parab*

Evaluator:

Dr. INDIRA PARAB

(HOD of Pharmaceutics)



*M. N. Saraf*

Principal:

Dr. M. N. SARAF

(Dean and Principal)

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**

logeshwari (W), Mumbai-400 102




## DECLARATION

We hereby declare that the thesis entitled "FORMULATION DEVELOPMENT AND EVALUATION OF COMBINATION PILOCARPINE NITRATE AND BRIMONIDINE TARTRATE EYE DROPS" has been originally carried out by us under the supervision and guidance of Mrs. Samreen Khan, Assistant Professor, Department of Pharmaceutics, H. K. College of Pharmacy, Mumbai, during the academic year 2022-2023.

### Candidate's name and signatures :

Candidate 1: Laxmi Mahto (22) 

Candidate 2: Rhea Sarah David (39) 

Candidate 3: Saba Siddiqui (54) 

### Guide signature:

Mrs. Samreen Khan 

(Asst. Prof. Pharmaceutics)

  
Principal Signature:

Dr. M.N Saraf



**PRINCIPAL**  
**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

We, AADESH KAMBLE, MOHD KAIF, VAKIL MOHD ADNAN hereby submit the 'Project report' during the academic session 2023 in the department of pharmaceutical chemistry, H.K. College of Pharmacy as a part of the curriculum, Choice Based Credit System (CBCS)-R of the University of Mumbai

The information is derived from the existing literature survey, research paper and review article.

Candidate Name:

Aadesh Anant Kamble (18)

Mohd Kaif (50)

Vakil Mohd Adnan (60)

Guide:

Mrs. Rachel Britto

(Assistant Professor)

Pharmaceutical Chemistry

Final Year B. Pharmacy

[Pharmaceutical Chemistry Department]

Roll no: 18,50,60

Semester: VIII

Date:

Evaluator:



Principal:

Dr. M. N. SARAF

(Principal)

**PRINCIPAL**  
**H.K. COLLEGE OF PHARMACY**  
Ingheshwari (W), Mumbai-400 102

## DECLARATION

We, hereby submit the Project Report' during the academic session 202-2023 under the department of Pharmacology, HK. College of Pharmacy as a part of the curriculum, Choice Based Credit System (CHES) of the University of Mumbai.

The information is derived from the existing literature survey, research paper, short communications and review articles.

Candidate's Name:



Ahmed Sakarwala




Sufiyan Saudagar



Ayesha Shaikh

Semester: VIII

Name of guide   
Dr. Mohammad Wais  
Associate Professor

Principal   
Dr. M.N. SARAF



PRINCIPAL

H.K. COLLEGE OF PHARMACY  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

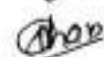
We hereby declare that the dissertation entitled "DEVELOPMENT AND VALIDATION OF SIMULTANEOUS SPECTROSCOPIC METHOD FOR MULTICOMPONENT SAMPLE" has been originally carried out by us under the supervision and guidance of **Dr. Mrs. Anagha Raut** (Associate professor), Department of Pharmaceutical Analysis, H K College of Pharmacy, Oshiwara, Joeshwar (west), Mumbai-400102 during the academic year 2022-2023.

Signature of Candidate

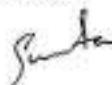
Mr. Saeed Ur Rahman Azmi



Mr. Ubaidurrehman Khan



Ms. Sweta Yadav



Guide

Dr. Anagha Raut



Dr. M. N. Saraf

Principal

**H.K. COLLEGE OF PHARMACY**

Direct: Oshiwara (W), Mumbai-400 102



## DECLARATION

We hereby declare that the dissertation entitled "Development and Validation of Telmisartan and Amlodipine by UV- Derivative Spectroscopic Method for Multicomponent Analysis of Marketed Dosage Form" has been originally carried out by us students under the supervision and guidance of **Dr. Archana Bele** at **H. K. College of Pharmacy**, Oshiwara, Jogeshwari (West), Mumbai-400102 during the academic year 2022-2023 as a part of the curriculum by the University of Mumbai. The information is derived from the existing literature survey, research papers, review articles and research work carried out.

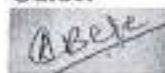
**Name Of Candidates:**

AYESHA CHAUDHARY (8)

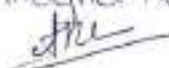
JANICE FERNANDES (11)

MUSTAQ MANIHAR (25)

**Guide:**



DR. ARCHANA BELE

for Dr. Anagha Raut  


**Evaluator:**



**Principal:**



Dr. M.N. SARAF

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

We, hereby submit the project entitled- "FORMULATION AND EVALUATION OF METRONIDAZOLE EFFERVESCENT GRANULES" during the Semester VIII of academic session 2022- 2023, H.K. College of Pharmacy as a part of the curriculum by the University of Mumbai. The information is derived from the existing literature survey, research paper, review article and research work carried out.

CANDIDATE NAME:

  
AMRIN MALPARA (24)

  
AFREEN SARKHEL (42)


  
MANSI TRIVEDI (58)

GUIDE:

  
Mrs. Vaishali Patel

(ASSISTANT PROFESSOR)  
(Pharmaceutics)

EVALUATOR:

  
Dr. Indira Parab  
(HOD Of Pharmaceutics)



  
PRINCIPAL:

Dr.M.N. SARAF  
(Principal)

**PRINCIPAL**  
**H.K.COLLEGE OF PHARMACY**  
logeshwari (W), Mumbai-400 108

## DECLARATION

We, **Ateeqa Mohammed Kasim, Iram Halai and Priyanka Pramanick**, hereby submit the Project Report entitled "**Formulation development and evaluation of Diclofenac Diethylamine loaded Emulgel**" during the academic session 2022-2023 in the department of Pharmaceutics, H.K College of Pharmacy as a part of the curriculum, Pharmacy Council of India (R-2019) of the University of Mumbai.

The information used in our research project is derived from the existing literature, research papers and review articles. The experiments were performed in the HKCP laboratory.

### **Candidate Name:**

Ateeqa Mohammed Kasim *Ateeqa*

Iram Halai *Halai*

Priyanka Pramanick *Priyanka.P*

### **Guide:**

*Nihal*

Mr. Nihal Shaikh  
(Assistant professor)

### **Final year B. Pharmacy**

Roll no: 04, 16, 37

Semester: 8

Date: 05/04/2023



### **Principal:**

*M.N. Saraf*

Dr. M.N Saraf  
(Principal)

### **PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

We, Anjali Maurya, Akash Vishwakarma and Poonam Yadav hereby submit the Seminar entitled-**"NOVEL ANTIFUNGAL DRUG DELIVERY SYSTEM FOR THE TREATMENT OF ORAL CANDIDIASIS "**

during the academic session 2022-2023, H.K. College of Pharmacy as a part of the curriculum, Pharmacy council of India (R2019) of the University of Mumbai. The information is derived from the existing literature survey, research paper, review article.

Candidate Name: Anjali Maurya

Akash Vishwakarma

Poonam Yadav

*Jagdish*  
5/4/23  
Guide: Dr. Jaya Agnihotri

Final Year B-Pharmacy

(Designation )

Roll no - 30,61,64

Semester - VIII

Date: 31 March 2023

Evaluator: 

Dr. INDIRA PARAB

(HOD of Pharmaceutics)



Principal:

Dr. M.N SARAF

(Dean and Principal)

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102



## Declaration

I, Rishika Tripathi, Shivani Pal, Sumaiya Barmare, hereby submit the Project entitled "FORMULATION AND EVALUATION OF HERBAL MEDICATED CREAM" during the academic session 2022-2023 in the department of Pharmacognosy at H.K. College of Pharmacy, as a part of curriculum, Pharmacy Council of India (R-2019) of the university of Mumbai.

The information used in our project is derived from the existing literature, research papers and review articles. The experiments were performed in the HKCP laboratory.

(Signature of Candidate)

Sumaiya Barmare (06)



Shivani Pal (34)



Rishika Tripathi (57)



Certified by:



Mrs. Joshna Mali

(Guide)



Dr. M. N. Saraf

(Principal)

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
Waghmare Road, Mumbai-400 102

## DECLARATION

We hereby submit the project entitled- "METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS DETERMINATION OF DRUGS IN COMBINED PHARMACEUTICAL DOSAGE FORMS BY UV DERIVATIVE SPECTROSCOPY" during the Semester VIII of academic session 2022- 2023, H.K. College of Pharmacy as a part of the curriculum by the University of Mumbai. The information is derived from the existing literature survey, research papers, review articles and research work carried out.

Candidate name:

ARVIND CHAUDHRY (7)

JAYESH SHAHU (47)

SHAIKH RIDA FATEMA (51)

Guide:

*Ojaswi*

DR. OJASWI GHADGE

Evaluator:

*[Signature]*  
11/4/2023



Principal:

Dr. M.N. SARAF

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102

## DECLARATION

We, Purneshwari Gurung, Afsana Khatoon and Shreya Mayekar, hereby submit the 'Final Year Project' during the academic session 2022-2023 in the department of Pharmaceutics at H.K. College of Pharmacy as a part of the curriculum of 'Pharmacy Council of India' (PCI) of the University of Mumbai.

The information is derived from the existing literature survey, research paper and review article.

### Candidates Name:

Purneshwari Gurung *Pgsg*

Afsana Khatoon *Afsana*

Shreya Mayekar *S.A Mayekar*

Guide Name: Dr.Mohammad Wais *Wais*

Final Year B. Pharmacy  
Semester VIII  
Date: 04.04.2023

**Evaluator:**  
Dr. Indira Parab  
(H.O.D Of Pharmaceutics)



*Saraf*

**Principal:**  
Dr. M. N. Saraf  
(Dean and Principal)

**PRINCIPAL**  
**H.K. COLLEGE OF PHARMACY**  
Ingheshwari (W), Mumbai-400 102


## DECLARATION


We, hereby submit the 'Project Report' during the academic session 2022-2023 under the department of Pharmacology, H.K. College of Pharmacy as a part of the curriculum, Choice Based Credit System (CBCS) of the University of Mumbai.

The information is derived from the existing literature survey, research paper, short communications and review articles.

Candidate Name:

Shadab malik 

Payaam Vohra 

Kiran Yadav 

Guide:



Mrs. Sunanda Patil

(HOD)

Pharmacology

Semester: VIII

Date: 10.04.2023



Principal:

Dr. M. N. SARAF

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
Ingheshwari (W), Mumbai-400 102

## DECLARATION

As required by the university regulation number, I wish to state that the work embodied in this report, "REPURPOSING OF ANTI-SPASMODIC DRUGS AS NEPHROPROTECTIVE AGENTS" forms our own contribution to the research work carried out under the guidance of Ms. Nikhat Khan at H. K College of Pharmacy. This work has not been submitted to any other degree of this or any other university. Whenever references have been made to previous work of others, it has been clearly indicated as such and is included in the references section.

(Signature of the candidate)

KRISHNA HARINARAYAN GUPTA

ROLL NO: 12

*Krishna*

VIVEK RAMNARAYAN KUSHWAHA

ROLL NO: 21

*Vivek*

MOHD. ARBAAZ TOUFEEK MEMON

ROLL NO: 28

*Arbaaz*

CERTIFIED BY: -

*Nikhat*

MS. NIKHAT KHAN

(GUIDE)



*M. N. Saraf*

DR. M. N. SARAF

(PRINCIPAL)

**PRINCIPAL**

**H.K. COLLEGE OF PHARMACY**  
**Jogeshwari (W), Mumbai-400 107**

## DECLARATION

As required by the university regulation number, I wish to state that the work embodied in this report, "REPURPOSING OF ANTI-DIABETIC DRUGS AS NEPHROPROTECTIVE AGENTS" forms our own contribution to the research work carried out under the guidance of **Ms. Akshata Pahalkar** at **H. K College of Pharmacy**. This work has not been submitted to any other degree of this or any other university. Whenever references have been made to previous work of others, it has been clearly indicated as such and is included in the references section.

(Signature of the candidate)

FARIS ABDULHAMID HAJU

ROLL NO:-15

*Faris Hajju*

CHRIS ANTHONY PADU

ROLL NO:- 33

*Chris Padu*

RIDDHI VINOD PATIL

ROLL NO:- 36

*Riddhi Patil*

CERTIFIED BY:-

*Akshata Pahalkar*  
MS. AKSHATA PAHELKAR  
(GUIDE)



*M. N. Saraf*  
DR. M. N. SARAF  
(PRINCIPAL)

**PRINCIPAL**  
**H.K. COLLEGE OF PHARMACY**  
Jogeshwari (W), Mumbai-400 102