

PROJECT GUIDE NAME	STUDENT NAME		PROJECT GUIDE NAME	STUDENT NAME	
Dr.P.O.Patil	Patil Ashay Devendra	Hire Dinesh Dnyaneshwar	Mr. Mahendra R. Mahajan	Ahire Rahul Sanjay	Patil Divya Dipak
				Borade Hitesh Sanjay	Sonawane Darshan Sudhakar
Dr.L.R.Zawar	Pardeshi Nikita Vinod	Kulkarni Kunal Vikasrao		Chaudhari Renuka Sopan	Patil Chetan Dnyaneshwar
Dr.G.B.Patil	Chaudhari Hina Ambalal	Patil Yogesh Bhagwan	Mr.Patil Deepak Manohar	Baviskar Ajit Vasant	Bhamare Ashwini Narendra
	Chaudhari Sakshi Ravindra	Chaudhari Komal Sanjay		Patel Vaibhavi Rakesh	Ingale Kajal Sanjay
	Chaudhari Mayuri Kishor			Gujar Kalyani Macchindra	Kureshi Muskan Khalil
Dr.R.E.Mutha	Bagul Dhirajkumar Ravindra	Swami Kiran Somnath	Mr.Pawar Narayan Puran	Chaudhari Shital Gurudas	Fulari Shreyas Laxman
	Borase Puja Shivaji	Sandhanshive Amit Dhirendra		Daund Prasad Kalyan	Patil Sujit Rajendra
Dr. V.K.Chatap	Bhadane Nikita Hemant	Patil Mayuri Sharad	Mr. Bagul Vishal Suresh	Shaikh Nafees Akhatar Shaikh Laeek Akhatar	Patni Sammyak Ajit
	Patil Harshal Suresh	Mali Ganesh Naval		Gavale Harshada Rajendra	Marathe Bhagyashree Govind
				Shinkar Abhishek Ravindra	More Nitin Kishor
				Patil Nikita Pravin	Shaikh Shahid Mukhtar
Mr.C.J.Bhavsar	Bhoi Komal Ashok	Koli Kanchan Devidas	Dr. Tade Rahul Shankar	Suryawanshi Manish Uday	Tayade Mohini Sanjay
	Chaudhari Darshan Vishnu	Nikumbhe Sukanya Sunil		Patil Chetan Bhalchandra	Wankhede Yukta Sunil
				Patil Akshada Kantilal	Patil Aishwarya Pramod
Dr.P.S.Bafna	Deshmukh Ruchika Vilas	Patil Umesh Samadhan	Ms.Rajshri Tarachand Dhole	Nere Vrushali Chhotu	Ghongade Somnath Bhausahab
	Patil Jagruti Vikas	Patil Jayesh Ratilal		Khairnar Sagar Amrut	Patil Pallavi Ramkrishna



  
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	Bhandore Soham Santosh	Pawar Kimaya Chandrakant		Jadhav Shubham Bhausahab	Soni Akshad Kishor
	Gangurde Prinsi Suresh	Patel Mayuri Vasant			
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	Patil Manoj Suresh Gavit Kalpana Raju	Patil Swati Yuvraj		Samdadiya Jinesh Rajkumar	Mahajan Rushikesh Dinesh
	Patil Ujwala Dilip	Dhumal Krutika Rajesh		Patil Gaurav Prakash	Patil Kunal Dinesh
<b>Mr. Shaktipal Patil</b>	Salunkhe Swapnil Suresh	Saner Ashwini Kishor	<b>Mr. Shoheb Mahammad Manyar</b>	Patil Hemant Sanjay	Patil Samadhan Shivaji
	Bava Mayuri Mahendra	Borse Rutuja Shamkant		Ms. Harsha Tulshiram Jadhav	Andhale Govind Krushna
<b>Mr. Swapnil Nitin Jain</b>	Bharti Sarang Dipak	Mahajan Prashant Ashok		Patil Prajakta Dharmendrasing	Thakare Manasi Rajendra
	Chaudhari Devesh Ravindra	Patil Minal Nareshrao	<b>Mr. Pratap Dabhade</b>	Chaudhari Jayesh Narayan	Nikam Swapnali Yuvraj
Patil Yograj Vilas	Patil Pratik Gokul	Dhamane Tejas Sunil		Wadile Kunal Daga	
Salunke Rajeshwari Gokul	Patil Mayuri Vasant				
<b>Dr. Nitin Rajendra Shirsath</b>	Bari Vidya Rajendra	Jain Tejas Prashantkumar			
	Patil Aditya Vasant	Pakhale Pranav Vilas			
	Patil Dipak Dhanraj	Mahajan Pranjalee Gopal			



  
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 Education & Research  
 Shirpur Dist. Dhule (M.S.) 425 405



# Repurposing Drugs For Treatment In Covid 19

Dissertation Submitted to the  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfillment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Dinesh Dnyaneshwar Hire**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 27/04/2023*

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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



## ENDORSEMENT

**T**his is to certify that this Project Work report is prepared by **Mr. Dinesh Dnyaneshwar Hire** under guidance of **Dr. Pravin Omkar Patil**, Assistant Professor, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Dr. N. R. Shirsath**

**Project Work In-charge**

**Assistant Professor**

**Department of Pharmaceutics**

**Dr. R. S. Tade**

**Project Work In-charge**

**Assistant Professor**

**Department of Pharmaceutics**

**Place:** Shirpur

**Date:** / /



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**H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405**



Project Work Report  
NATURAL GUMS USED IN DRUG DELIVERY SYSTEM

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Nikita Vinod Pardeshi

Mr. Kunal Vikasrao Kulakarni

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours

*Handwritten signature and date:*  
27/04/2023



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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**



*Handwritten signature and title:*  
PRINCIPAL  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405



Academic Year 2022-23




## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Miss. Nikita Vinod Pardeshi** **Mr. Kunal Vikasrao Kulkarni** under guidance of **Dr. L. R. Zawar Sir Associate Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 7/04/2023



  
Prof. Dr. S. B. Bari  
**PRINCIPAL**  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405

  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



Project Work Report

Artificial Intelligence in Drug discovery and Development

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Yogesh Bhagwan Patil

Miss. Hina Ambalal Chaudhari

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Job*  
*20/04/2023*

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Research, Shirpur - 425 405**

Academic Year 2022-23



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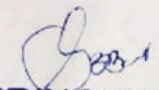
This is to certify that this Project Work report is prepared by **Miss. Hina Ambalal Chaudhari, Mr. Yogesh Bhagwan Patil**, under guidance of **Dr. Ganesh B Patil, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
Prof. Dr. S. B. Bari  
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H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
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Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

3D Printing Technology in Drug Delivery System

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Sakshi Ravindra Chaudhari

Miss. Mayuri Kishor Chaudhari

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*[Handwritten Signature]*  
21/04/2023

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Research, Shirpur - 425 405**  
Academic Year 2022-23



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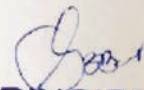
This is to certify that this Project Work report is prepared by **Miss.Sakshi Ravindra Chaudhari, Miss.Mayuri Kishor Chaudhari** under guidance **Dr. Ganesh B. Patil** Assistant Professor, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
Prof. Dr. S. B. Bari  
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H R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



  
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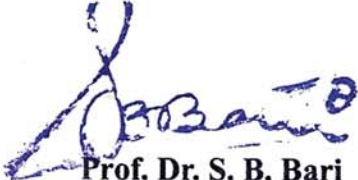


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This is to certify that this Project Work report is prepared by **Miss. Mayuri Sharad Patil** under guidance of **Mr. /Mrs. /Dr. Vivekanand Chatap, Assistant/Associate/Professor,** Department of **Pharmaceutics.** The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /



**Prof. Dr. S. B. Bari**

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Principal  
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This is to certify that this Project Work report is prepared by **Miss. Mayuri Sharad Patil** under guidance of **Mr./Mrs./Dr. Vivekanand chatap**, Assistant/Associate/Professor, Department of **Pharmaceutics**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Dr. N. R. Shirsath**

[Project Work In-charge]  
Assistant Professor,  
Department of Pharmaceutics

**Dr. R. S. Tade**

[Project Work In-charge]  
Assistant Professor,  
Department of Pharmaceutics

**Place:** Shirpur

**Date:** 18 / 4 / 2023



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H. R. Patel Institute of Pharmaceutical  
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Project Work Report

# Importance of Butterfly Pea Flowers

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Harshal Suresh Patil**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



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Academic Year 2022-23



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This is to certify that this Project Work report is prepared by **Mr. Harshal Suresh Patil** under guidance of **Mr. Dr. Vivekanand Chatap**, Assistant/Associate/Professor, Department of **Pharmaceutics**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
Principal  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



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Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



**Project Work Report**

**Study of fast dissolving oral thin film for the treatment of allergic conditions**

**Submitted to**

**Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra**



**In Partial Fulfilment of the Requirement of During VIII Semester**

**For the Degree of**

**BACHELOR OF PHARMACY**

**By**

**Miss. Nikita Hemant Bhadane**

**Course code: BP812PW**

**Name of the course: Project Work**

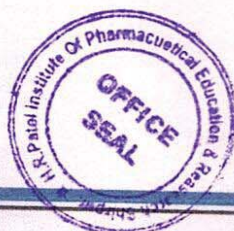
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**Academic Year 2022-23**



  
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This is to certify that this Project Work report is prepared **Miss.Nikita Hemant Bhadane**,  
under guidance of **Dr.V.K.Chatap** , Assistant Professor, Department of Pharmaceutics. The  
Project Work report is required to be in partial fulfillment of the requirements for the degree of  
Bachelor of Pharmacy. The student has attended and submitted this Project Work report during  
the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 23/4/23

**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



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**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



Project Work Report

**“Biofriendly Herbal Excipient- Disintegrant and Superdisintegrants: A Review”**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Ganesh Naval Mali**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**



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**Academic Year 2022-23**



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Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Ganesh Naval Mali** under guidance of **Dr. V. K. Chatap, Associate Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 19/04/2023

Prof. Dr. S. B. Bari

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Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
Recent Advances in Extraction Techniques

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Komal Ashok Bhoi

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*[Handwritten Signature]*  
27/04/2023

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Research, Shirpur - 425 405**

Academic Year 2022-23



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This is to certify that this Project Work report is prepared by **Miss. Komal Ashok Bhoi**, under guidance of **Mrs. Chetan J. Bhavsar**, Assistant Professor, Department of Pharmacogonocy. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 24/04/2023

Prof. Dr. S. B. Bari

Principal

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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
**MARKET REVIEW ON CLOPIDOGREL TABLET**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Darshan Vishnu Chaudhari

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



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Research, Shirpur - 425 405**

Academic Year 2022-23

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27/04/2023



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Darshan Vishnu Chaudhari**, under guidance of **Mr. Chetan J. Bhavsar** Assistant Professor, Department of **Pharmacognosy**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 19/04/2023

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S) 425 405

Project Work Report

**ISOLATION OF 3-CARENE FROM TURPENTINE OIL,**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Miss. Koli Kanchan Devidas**

**Miss. Nikumbhe Sukanya Sunil**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

**Academic Year 2022-23**

*[Handwritten Signature]*  
29/04/2023



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**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Koli Kanchan Devidas** & **Miss. Nikumbhe Sukanya Sunil** under guidance of **Mr. C.J. Bhavsar** Assistant Professor, Department of Pharmacognocoy. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 17 / 04 /2023

  
Prof. Dr. S. B. Bari  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research.  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

## Case Study Report On Diabetes Mellitus

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Kunal Dinesh Patil**

**Mr. Jayesh Ratilal Patil**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**




The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

**Academic Year 2022-23**



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Kunal Dinesh Patil & Mr. Jayesh Ratilal Patil** under guidance of **Dr. P . S. Bafna, Assistant Professor,** Department of **Pharmacology**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 28/4/2023

**Prof. Dr. S. B. Bari**

**Principal**

**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
Psidium Guajava : An Overview

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Jagruti Vikas Patil

Miss. Ruchika Vilas Deshmukh

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 29/04/2023*

The Shirpur Education Society's  
**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**  
Academic Year 2022-23



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Jagruti Vikas Patil**, **Miss. Ruchika Vilas Deshmukh**, under guidance of **Dr. P. S. Bafna**, Assistant Professor, Department of Pharmacology. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 18/04/2023

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
Principal  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
"Synthesis and fabrication of carbon quantum dots-based fluorescent  
sensors for detection of dichromate ion"

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Mayuri Vasant Patel

Mr. Sushantsing Surendrasing Girase

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education  
and Research, Shirpur - 425 405**

Academic Year 2022-23

*Handwritten signature*  
23/04/2023



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**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Mayuri Vasant Patel** and **Mr. Sushantsing Surendrasing Girase**, under guidance of **Dr. Zamir G. Khan**, Assistant Professor, Department of Pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

**Prof. Dr. S. B. Bari**

**PRINCIPAL**

H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

*“Design and synthesis of functionalized carbon dots using a hydrothermal approach for sensing application”*

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

**Miss. Prinsi Suresh Gangurde**

**Mr. Soham Santosh Bhandore**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**



Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

**Academic Year 2022-23**

*Prinsi*  
*27/10/2023*



*Prinsi*  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Prinsi Suresh Gangurde** and **Mr. Soham Santosh Bhandore**, under guidance of **Dr. Zamir G. Khan**, Assistant Professor, Department of Pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 19/04/2023

  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



Project Work Report

“Synthesis and fabrication of carbon quantum dots-based fluorescent sensor for detection of chromium trioxide”

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Kimaya Chandrakant Pawar

Mr.Kshitij Sanjaykumar Bari

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education  
and Research, Shirpur - 425 405**

Academic Year 2022-23



  
**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Kimaya Chandrakant Pawar and Mr. Kshitij Sanjaykumar Bari**, under guidance of **Dr. Zamir G. Khan**, Assistant Professor, Department of Pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
**Prof. Dr. S. B. Bari**  
**Principal**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



  
**Principal**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



Project Work Report

**REVIEW ON NANOPARTICULATE DRUG DELIVERY  
SYSTEM AND POTENTIAL ACTIVITY OF BENZYL  
ISOTHIOCYANATE**

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Komal Sanjay Chaudhari

Miss. Kalpana Raju Gavit

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23

*[Handwritten Signature]*  
29/04/2023



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Education & Research,  
Shirpur Dist. Dhule (MS) - 425 405

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## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Komal Sanjay Chaudhari & Miss. Kalpana Raju Gavit** under guidance of **Mr. Prashant Bhagwan Patil, Assistant Professor**, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

**Prof. Dr. S. B. Bari**  
**PRINCIPAL**

H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule, (M.S.) 425 405



**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

Review on Nano-Particulate Drug Delivery System for Breast Cancer

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Manoj Suresh Patil

Miss. Swati Yuvraj Patil

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur, Dist. Jalgaon (M.S.) - 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Manoj Suresh Patil**, **Miss. Swati Yuvraj Patil** under guidance of **Mr. P. B. Patil**, Assistant Professor, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
**Metal-Organic Framework Of Ally Isothiocyanate ( Aite ) With  
Quantum Dots**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of  
**BACHELOR OF PHARMACY**

By

**Mr. Harshal Ramchandra Patil**

**Mr. Mohan madhukar pawar**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
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Academic Year 2022-23



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Harshal Ramchnadra Patil & Mr. Mohan madhukar pawar** under guidance of **Mr. Prashant B. Patil, Assistant Professor, Department of Pharmaceutical Chemistry**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

# Animal Model of Parkinson's Disease.

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

## **BACHELOR OF PHARMACY**

By

Miss. Ashwini Kishor Saner.

Mr. Swapnil Suresh Salunkhe.

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

*SES*  
23/04/2023

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23

1



*[Signature]*  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Ashwini Kishor Saner,** **Mr. Swapnil Suresh Salunkhe,** under guidance of **Mr. Shaktipal K. Patil,** Assistant **Professor,** Department of Pharmacology. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 18/04/2023

**Prof. Dr. S. B. Bari**

**PRINCIPAL**

H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
**CASE STUDY REPORT OF ASTHMA**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of  
**BACHELOR OF PHARMACY**

By

**Miss. DHUMAL KRITIKA RAJESH**  
**Miss. PATIL UJWALA DILIP**

**Course code: BP812PW**  
**Name of the course: Project Work**  
**Total Duration: 180 Hours**

*[Handwritten Signature]*  
27/04/2023



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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

3



*[Handwritten Signature]*  
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Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



Academic Year 2022-23



## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Miss. Dhumal Kritika Rajesh & Miss. Patil Ujwala Dilip** under guidance of **Mr. Shaktipal.K.Patil**, Assistant Professor, Department of pharmacology. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 15/04/23

  
**Prof. Dr. S. B. Bari**  
**Principal**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**Principal**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
**MICROENCAPSULATION: A Review**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

**Miss. Mayuri Mahendra Bava**

**Miss. Rutuja Shamkant Borse**

Course code: BP812PW

Name of the course: Project

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur- 425 405**

Academic Year 2022-23

*[Handwritten Signature]*  
22/04/2023



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Miss. Mayuri Mahendra Bava, Miss. Rutuja Shamkan Borse**, under guidance of **Mr. Swapnil. N. Jain, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
**Dr. S. B. Bari**  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
**FLOATING DRUG DELIVERY SYSTEM: A Review**

Submitted to  
Kavyatri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfillment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Sarang Dipak Bharati

Mr. Prashant Ashok Mahajan

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



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22/04/2023

*[Handwritten signature]*

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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405






## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by Mr. Sarang Dipak Bharati, Mr. Prashant Ashok Mahajan, under guidance of Mr. Swapnil N. Jain, Assistant Professor. Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 18/04/2023

  
Prof. Dr. S. B. Bari  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
Principal  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

# MONKEY POX VIRUS

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. PATIL YOGRAJ VILAS**  
**MISS. PATIL MAYURI VASANT**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 29/04/2023*

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**  
Academic Year 2022-23



*Handwritten signature*  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Patil Yograj Vilas & Miss. Patil Mayuri Vasant** under guidance of **Mr. Matin Shaikh**, Assistant Professor, Department of Pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

**Mutation associated with COVID-19**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

**Miss. Rajeshwari Gokul Salunke**  
**Miss. Minal Nareshrao Patil**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year



*[Handwritten signature]*  
27/07/2023

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**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Rajeshwari Gokul Salunke & Miss. Minal Nareshrao Patil** under guidance of **Mr. Matin Salim Shaikh, Assistant Professor**, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

Prof. Dr. S. B. Bari

**PRINCIPAL**

H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

# VITILIGO: A Review of Epidemiology, Pathogenesis, Diagnosis & Treatment

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Devesh Ravindra Chaudhari**

**Mr. Pratik Gokul Patil**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



*[Handwritten Signature]*  
25/04/2023

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**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



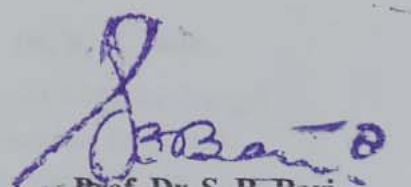


## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Mr. Devesh Ravindra Chaudhari, Mr. Pratik Gokul Patil**, under guidance of **Mr. Matin Salim Shaikh, Assistant Professor**, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

IMPACT OF LIFESTYLE ON HEALTH A SURVEY

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Aditya Vasant Rao Patil

Mr. Pranav Vilas Pakhale

Mr. Tejas Prashant Kumar Jain

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education  
and Research, Shirpur - 425 405**

Academic Year 2022-23



*[Signature]*  
22/04/2023  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

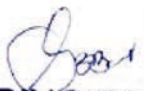
This is to certify that this Project Work report is prepared by **Mr. Aditya Vasant Rao Patil**, **Mr. Pranav Vilas Pakhale**, **Mr. Tejas Prashant Kumar Jain** under guidance of **Dr. Nitin Shirsath**, Assistant Professor, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 16/04/2023

  
Prof. Dr. S. B. Bani  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

"To prepare and evaluation herbal jam scrub"

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of  
**BACHELOR OF PHARMACY**

By

Miss:- PRANJALEE GOPAL MAHAJAN  
Mr. DIPAK DHANRAJ PATIL

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*[Handwritten Signature]*  
29/04/2023

The Shirpur Education Society's  
**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**  
Academic Year 2022-23



*[Handwritten Signature]*  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Miss. PRANJALEE GOPAL MAHAJAN Mr. DIPAK DHANRAJ PATIL**, under guidance of **Dr. NITIN R SHIRSATH**, Assistant Department of PHARMACEUTICS. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
Prof. Dr. S. B. Barot  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

**Herbal And Nano -Based Therapy For Psoriasis : A Overview**

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Miss. Vidya Rajendra Bari**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 29/04/2023*

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Educational  
and Research, Shirpur - 425 405**

Academic Year 2022-23



*Handwritten signature*  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Vidya Rajendra Bari**, under guidance of **Dr. Nitin R. Shirsath**, Assistant Professor, Department of Pharmaceutic. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 18/04/2023

**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
Principal  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

**A COMPREHENSIVE REVIEW ON ZIDOVUDINE AND LAMIVUDINE'S  
ANALYTICAL METHODS FOR PHARMACEUTICAL QUALITY CONTROL AND  
MONITORING**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Hitesh Sanjay Borade**

**Mr. Rahul Sanjay Ahire**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours

*SES*  
23/04/2023



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education  
and Research, Shirpur - 425 405**

Academic Year 2022-23



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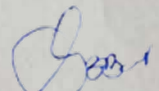
This is to certify that this Project Work report is prepared by **Mr. Hitesh Sanjay Borade** **Mr. Rahul Sanjay Ahire**, under guidance of **Mr. Mahendra R. Mahajan**, Assistant Professor, Department of Pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 18/04/23

  
Prof. Dr. S. B. Bhat  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

Pharmacognostical Overview Of Herbal Drug In Cancer Management

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr.Chetan Dnyaneshwar Patil**

**Mr.Darshan Sudhakar Sonawane**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours

*Bob*  
*27/04/2023*



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



*Bob*  
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H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405





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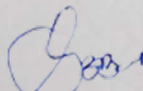
This is to certify that this Project Work report is prepared by **Mr. Chetan Dnyaneshwar Patil, and Mr. Darshan Sudhakar Sonawane**, under the guidance of **Mr. Mahendra R. Mahajan, Assistant Professor**, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semesters in the second term of the academic year 2022-2023.

Place: Shirpur

Date: 18/4/23

  
Prof. Dr. S. B. Bari  
**PRINCIPAL**  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

A Comprehensive Review on Analytical Techniques for Detection of  
Teneligliptin Hydrobromide Hydrate in Pharmaceutical Dosage Form

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Divya Dipak Patil  
Mr. Tejas Sunil Dhamane

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 27/04/2023*

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



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**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule C.S. 425 405





PROJECT WORK REPORT

Review on Application of Chemometrics in the Pharmaceutical Industry.

SUBMITTED TO  
KAVAYITRI BAHINABAI CHAUDHARI NORTH MAHARASHTRA  
UNIVERSITY,  
JALGAON, MAHARASHTRA



In Partial Fulfillment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Kalyani Macchindra Gujar &

Miss. Muskan Khalil Kureshi

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23

*[Handwritten signature]*  
21/04/2023



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss.Kalyani Macchindra Gujar, Miss.Muskan Khalil Kureshi**, under guidance of **Mr.Deepak Manohar Patil, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

  
Prof. Dr. S. B. Bani  
**Principal**  
H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**Principal**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
**RECENT TRENDS OF CHEMOMETRICS APPLICATIONS IN FOOD  
PROCESSING INDUSTRY**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Ashwini Narendra Bhamare

Miss. Kajal Sanjay Ingale

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



*Handwritten signature and date: 27/04/2023*

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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Ashwini Narendra Bhamare and Miss. Kajal Sanjay Ingale**, under guidance of **Mr. D.M.Patil, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 18/04/2023

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405

Project Work Report

**RECENT TRENDS OF CHEMOMETRICS APPLICATIONS IN FOOD  
PROCESSING INDUSTRY**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Ashwini Narendra Bhamare

Miss. Kajal Sanjay Ingale

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours

*Handwritten signature and date: 28/04/2023*



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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Ashwini Narendra Bhamare and Miss. Kajal Sanjay Ingale**, under guidance of **Mr. D.M.Patil, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 18/04/2023

**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405



Project Work Report  
Role of Materiovigilance in a Patient Safety

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Vaibhavi Rakesh Patel

And

Mr. Ajit Vasant Baviskar

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours

*S.P.*  
23/04/2023



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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**



*S.P.*  
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H.R Patel Institute of Pharmaceutical  
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Shirpur Dist.Dhule(M.S) 425 405



Academic Year 2022-23



## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Vaibhavi Rakesh Patel**, **Mr. Ajit Vasant Baviskar** under guidance of **Mr. Deepak Manohar Patil** Assistant Professor, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 18/04/23

Prof. Dr. S. B. Bari

**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



Project Work Report

Flortaucipir Used in Alzheimer's disease: A Review

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Shital Gurudas Chaudhari

Mr. Sujit Rajendra Patil

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 29/04/2023*

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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



*Handwritten signature*  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Shital Gurudas Chaudhari, Mr. Sujit Rajendra Patil**, under guidance of **Mr. N. P. Pawar, Assistant Professor**, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 17/04/23

  
Prof. Dr. S. B. Bari  
**PRINCIPAL**  
Principal  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



Project Work Report

**Spirulina - Therapeutic potential, nutritional value and comparative study  
of spirulina and other medicines.**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Fulari Shreyas Laxman

Mr. Daund Prasad Kalyan

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*[Handwritten Signature]*  
29/04/2023

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education  
and Research, Shirpur - 425 405**

Academic Year 2022-23



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**PRINCIPAL**

H.R. Patel Institute of Pharmaceutica'  
Education & Research  
Shirpur, Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Fulari Shreyas Laxman, Mr. Daund Prasad Kalyan**, under guidance of **Mr. Narayan P. Pawar**, Assistant Professor, Department of Pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

Prof. Dr. S. B. Bari

**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



**Comparison of Green synthesized CG and SMG-based CuO nanoparticles of their Characterization on antimicrobial and antioxidant activity.**

Dissertation Submitted to the  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfillment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Harshada Rajendra Gavale

Miss. Bhagyashree Govind Marathe

Mr. Nitin Kishor More

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year: 2022-23



**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Harshada Rajendra Gavale, Miss. Bhagyashree Govind Marathe and Mr. Nitin Kishor More.** under guidance of **Mr. Vishal Suresh Bagul,** Assistant Professor, Department of Pharmacognosy. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

Signature

Prof. Dr. S. B. Bari

**PRINCIPAL**

H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur

**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research

Shirpur Dist. Dhule (M.S.) 425 405

**Comparison of Green synthesized CG and SMG-based CuO nanoparticles of their Characterization on antimicrobial and antioxidant activity.**

Dissertation Submitted to the  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfillment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Abhishek Ravindra Shinkar**

**Miss. Nikita Pravin Patil**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**



*Handwritten signature and date: 22/04/2023*

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

**Academic Year 2022-23**



**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Abhishek Ravindra Shinkar and Miss. Nikita Pravin Patil**, under guidance of **Mr. Vishal Suresh Bagul**, Assistant Professor, Department of Pharmacognosy. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

Signature

Prof. Dr. S. B. Bari

**PRINCIPAL**

H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

H. R. Patel Institute of Pharmaceutical Education and Research



**Preparation and Evaluation of Herbal Toothpaste containing  
Juglans regia for Dental Applications**

Dissertation Submitted to the  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfillment of the Requirement of During VIII Semester  
For the Degree of  
**BACHELOR OF PHARMACY**

By

Mr. Sammyak Ajit Patni

Mr. Shaikh Nafees Laeek

Mr. Shaikh Shahid Mukhtar

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's  
**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**  
Academic Year 2022-23



PRINCIPAL

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Sammyak Ajit Patni**, **Mr. Shaikh Nafees Laeck** and **Mr. Shaikh Shahid Mukhtar** under guidance of **Mr. Vishal Suresh Bagul**, Assistant Professor, Department of Pharmacognosy. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 26/4/23

Signature

Prof. Dr. S. B. Bari

Principal

**PRINCIPAL**

H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur

**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

**Formulation and Characterisation of Bicalutamide Loaded Polymeric  
Microcapsules.**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Chetan Bhalechandra Patil

Mr. Manish Uday Suryawanshi

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**



**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



Academic Year 2022-23



## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Chetan Bhalchandra Patil, Mr. Manish Uday Suryawanshi**, under guidance of **Dr. Rahul S. Tade, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

**Prof. Dr. S. B. Bari**

**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

# Project Work Report

Recent update on the tapeworm infection (taeniasis and cysticercosis) in India

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Miss. Aishwarya Pramod Patil**

**Miss. Akshada Kantilal Patil**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23

Checked by  
SES  
25/04/2023






## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Miss. Aishwarya Pramod Patil, Miss. Akshada Kantilal Patil** under guidance of **Dr. Rahul S Tade, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 18/04/23

  
Prof. Dr. S. B. Bari  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
Principal  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur - 425 405

Project Work Report

**Natural Biopolymers in Cancer Drug Delivery**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Miss. Tayade Mohini Sanjay**

**Miss. Wankhede Yukta Sunil**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**

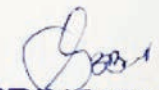
The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and**

**Research, Shirpur - 425 405**

**Academic Year 2022-23**



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

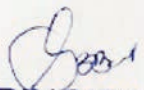
This is to certify that this Project Work report is prepared by **Miss. Tayade Mohini Sanjay**, **Miss. Wankhede Yukta Sunil**, under guidance of **Dr. Rahul S. Tade**, Assistant Professor, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 17/04/2023

  
Prof. Dr. S. B. Bari  
PRINCIPAL  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
PRINCIPAL  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



Project Work Report  
Formulation and Characterisation of Bicalutamide Loaded Polymeric  
Microcapsules.

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Chetan Bhalchandra Patil

Mr. Manish Uday Suryawanshi

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**



  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



Academic Year 2022-23



## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Chetan Bhalchandra Patil, Mr. Manish Uday Suryawanshi**, under guidance of **Dr. Rahul S. Tade, Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
Prof. Dr. S. B. Bari  
**PRINCIPAL**  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S) 425 405



Project Work Report  
A Review on Dietary Supplements on Treatment of Diabetes Mellitus

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Miss.Nere Vrushali Chhotu  
Miss.Patil Pallavi Ramkrishna

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature*  
29/04/2023

The Shirpur Education Society's  
**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**  
Academic Year 2022-23



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**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Miss.Nere Vrushali Chhotu, Miss.Patil Pallavi Ramkrishna** under guidance of **Ms.Rajshri.T.Dhole, Assistant Professor, Department of Pharmacology.**The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 18/04/2023

  
Prof. Dr. S. B. Bhatt  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

Review On: An Emerging Cellulosic Material to Extract Nanocrystalline  
Cellulose by Banana peel Waste

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Somnath Bhausahab Ghongade

Mr. Sagar Amrut Khairnar

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours

  
29/04/2023



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



  
**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Somnath Bhausahab Ghongade, Mr. Sagar Amrut Khairnar**, under guidance of **Mrs. Rajshri. T. Dhole, Assistant Professor**, Department of Pharmacology. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Review Work Report

**PRECLINICAL STUDIES FOR NOSE TO BRAIN DRUG DELIVERY  
SYSTEM**

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfillment- of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Akshad Kishor Soni**

**Course code: BP812PW**

**Name of the course: Project Work**

**Total Duration: 180 Hours**



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



*[Handwritten Signature]*  
29/04/2023

*[Handwritten Signature]*  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Review Work report is prepared by **Mr. Akshad Kishor Soni** under guidance of **Miss. A.Y. Pathan, Assistant Professor**, Department of Pharmaceutical Chemistry. The Review Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Review Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

**Prof. Dr. S. B. Bari**

**PRINCIPAL**

H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist Dhule (M.S) 425 405



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405

Project Work Report

**"OVERVIEW OF DIFFERENT TREATMENT STRATEGIES FOR  
MANAGEMENT OF RENAL CALCULI"**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Dipali Sopan Patil

Mr. Amol Kailas Mahajan

Course code: BP812PW

Name of the course: Project work

Total Duration: 180 Hours



The Shirpur Education Society's

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Research, Shirpur - 425 405**

Academic Year

2022-23  
OFFICE  
SEAL

*[Handwritten Signature]*  
21/04/2023

*[Handwritten Signature]*  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Dipali Sopan Patil, Mr. Amol Kailas Mahajan**, under guidance of **Ms. Asama Y. Pathan, Assistant Professor**, Department of Pharmaceutical Chemistry . The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

**Prof. Dr. S. B. Bari**

**Principal**  
**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



**Principal**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405

Project Work Report

“COVID-19: A Review on the Novel Coronavirus Disease Evolution”

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. SHUBHAM BHAUSAHEB JADHAV**

**Course code:** BP812PW

**Name of the course:** COVID-19: A Review on the Novel Coronavirus Disease  
Evolution

**Total Duration:** 180 Hours



*[Handwritten Signature]*  
27/04/2023

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**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

**Academic Year 2022-23**





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr SHUBHAM BHAUSAHEB JADHAV** under guidance **MISS ASAMA PATHAN Assistant Professor**, Department of **PHARMACEUTICAL CHEMISTRY**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** / /

  
**Prof. Dr. S. B. Bari**  
**Principal**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
Prenatal Care Of Pregnant Womans

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Jinesh Rajkumar Samdadiya  
Miss. Priyanka Pramod Dhande

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 27/04/2023*

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



*Handwritten signature*  
**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

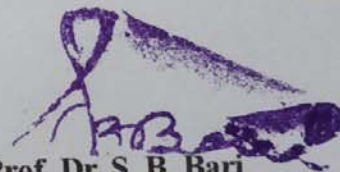


## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr.Jinesh Rajkumar Samdadiya, Miss.Priyanka Pramod Dhande**, under guidance of **Mr.Ketan B.Patil**, **Assistant Professor**, Department of Pharmaceutics. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

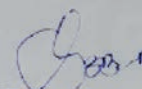
**Date:** / /



**Prof. Dr. S. B. Bari**

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Shirpur Dist.Dhule(M.S) 425 405



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405

Project Work Report

**Puerarin : A review of it's mechanism of action and role on human body with analytical detection methods.**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Gaurav Prakash Patil.

Mr. Umesh Samadhan Patil.

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*Handwritten signature and date: 27/04/2023*

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022



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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Gaurav Prakash Patil**, **Mr. Umesh Samadhan Patil**, under guidance of **Mr. Shoheb S. Manyar**, Assistant Professor, Department of Pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
Prof. Dr. S. B. Bari  
**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405

Project Work Report  
**A Review On: ETHOSOMES - TARGETED DRUG DELIVERY  
SYSTEMS**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of  
**BACHELOR OF PHARMACY**

By

Mr. Samadhan Shivaji Patil

Mr. Hemant Sanjay Patil

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours




The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and Research,**

Shirpur - 425 405  
OFFICE  
Academic Year 2022-23



  
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H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405





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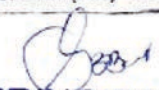
This is to certify that this Project Work report is prepared by **Mr. Samadhan Shivaji Patil and Mr. Hemant Sanjay Patil** under guidance of **Mr. Shoheb S. Manyar Assistant/Associate/Professor**, Department of **Pharmaceutical Chemistry**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /



  
**Prof. Dr. S. B. Bari**  
**Principal**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405

  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

## To Study The Anti- Ageing Natural Herbs

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of  
**BACHELOR OF PHARMACY**

By

Miss. Prajakta Dharmwdrasing Patil

Mr. Govind Krushna Andhale

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Year 2022-23



*Checked by,*  
*SES*  
*27/04/2023*

**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405





**ENDORSEMENT BY THE PRINCIPAL**

This is to certify that this Project Work report is prepared by **Miss. Patil Prajakta Dharmendrasing, Mr. Govind Krushna Andhale**, under guidance of **Ms. Harsha T. Jadhav , Assistant Professor**, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

**Place:** Shirpur

**Date:** 18/04/23

  
**Prof. Dr. S. B. Bari**  
**PRINCIPAL**  
H.R Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist.Dhule(M.S) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405

Project Work Report  
Comparative study of two different brands of paracetamol tablet

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester  
For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Manasi Rajendra Thakare

Mr. Rohit Bhagwat Salunkhe

Course code: BP812PW

Name of the course: Project Work

Time Duration: 180 Hours



*[Handwritten Signature]*  
29/04/2023

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and**



*[Handwritten Signature]*  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405



# Research, Shirpur - 425 405

Academic Year 2022-23



## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Miss. Manasi Rajendra Thakare, Mr. Rohit Bhagwat Salunkhe**, under guidance of **Ms Harsha Jadhav** Assistant Professor, Department of pharmaceutical chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 18 / 04 / 2023

  
Prof. Dr. S. B. Bari  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report  
Isolation, Purification, characterization and Pharmacological Screening Of  
Tribulus Terrestris L and Pedalium Murex (Fruit).

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Mr. Jayesh Narayan Chaudhari

Miss. Renuka Sopan Chaudhari

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**

Academic Office 22-23



**PRINCIPAL**

H. R. Patel Institute of Pharmaceutical  
Education & Research,

Shirpur Dist. Dhule (M.S.) 425 405





## ENDORSEMENT BY THE PRINCIPAL

This is to certify that this Project Work report is prepared by **Mr. Jayesh Narayan Chaudhari, Miss. Renuka Sopan Chaudhari**, under guidance of **Mrs. Pratap S. Dabhade, Assistant Professor**, Department of Pharmaceutical Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

  
**PRINCIPAL**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

**Combinatorial chemistry: A review**

Submitted to

Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

Miss. Nikam Swapnali Yuvraj

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



  
**PRINCIPAL**  
Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist Dhule (M.S.) 425 405

The Shirpur Education Society's

**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**



Academic Year 2022-23



**ENDORSEMENT BY THE PRINCIPAL**

This is to certify that this Project Work report is prepared by **Miss. Nikam Swapnali Yuvraj** under guidance of **Mr. Pratap S. Dabhade** Assistant Professor, Department of Chemistry. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: / /

**Prof. Dr. S. B. Bari**  
**Principal**  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405

Project Work Report

**SUCCESS STORIES OF ENTREPRENEURS IN INDIA**

Submitted to  
Kavayitri Bahinabai Chaudhari North Maharashtra University,  
Jalgaon, Maharashtra



In Partial Fulfilment of the Requirement of During VIII Semester

For the Degree of

**BACHELOR OF PHARMACY**

By

**Mr. Wadile Kunal Daga**

Course code: BP812PW

Name of the course: Project Work

Total Duration: 180 Hours



*[Handwritten Signature]*  
29/04/2023

The Shirpur Education Society's  
**H. R. Patel Institute of Pharmaceutical Education and  
Research, Shirpur - 425 405**  
Academic Year 2022-23



*[Handwritten Signature]*  
**PRINCIPAL**  
H. R. Patel Institute of Pharmaceutical  
Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405






## ENDORSEMENT BY THE PRINCIPAL


This is to certify that this Project Work report is prepared by **Mr. Wadile Kunal Daga**, under guidance of **Mr. P.S.Dabhade** Assistant Professor, Department of **Pharmaceutical Chemistry**. The Project Work report is required to be in partial fulfillment of the requirements for the degree of Bachelor of Pharmacy. The student has attended and submitted this Project Work report during the VIII semester in the second term of academic year 2022-2023.

Place: Shirpur

Date: 19/04/2023

  
Prof. Dr. S. B. Bari  
Principal  
H.R. Patel Institute of Pharmaceutical  
Education & Research  
Shirpur Dist. Dhule (M.S.) 425 405



  
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Education & Research,  
Shirpur Dist. Dhule (M.S.) 425 405