



**3.5**  
**MoUs /Collaboration**

**CONTENT**

**3.5.1**

**List and Copies of documents indicating the Functional MoUs /linkage/collaborations activity with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years**



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## LIST OF ACTIVITIES UNDER MEMORANDUM OF UNDERSTANDING

Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's <b>ASHOKRAO MANE COLLEGE OF PHARMACY</b> Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra, Affiliated to Shivaji University, Kolhapur Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112 Web: www.amcoph.org   Phone: 0230-2471360   E mail: copbpharm@gmail.com						
<b>3.5.1 LIST OF ACTIVITIES UNDER MEMORANDUM OF UNDERSTANDING</b>						
Sr. No.	With MoU	Name of Activity	Date of Event	Name of Expertise Called	Name of Expertise Deputed	Type of Activity
1		Session at Teachers Training Programme	26/09/2017	Dr. S. V. Patil	-	Sharing of Human Resource
2	Shree Santkrupa College of Pharmacy, Ghogaon, Karad	Book	2020	Dr. S. V. Patil	Ms. S. V. Sutar	Book Publication
3		Book	2018	Dr. S. V. Patil	Mr. S. S. Shelake	Book Publication
4		Research	04/12/2019	Dr. S. V. Patil	Mr. P. A. Salokhe	Research Publication
5		Research	13/09/2021	Ms. A. S. Rakshe	Dr. S. V. Patil	Research Publication
6		VMEdulife, Pune	Workshop	10/06/2020 to 15/07/2020	Mr. Abhijit Yeole	-
7	Workshop		30/07/2020	Mr. Abhijit Yeole	-	Use LMS e-learning and OBE software
8	Assistance Helpdesk		-	-	-	Online Assistance
9	S. G. Phyto Pharma Pvt. Ltd. Kolhapur	Industrial Training	2019	-	-	Student Industrial Training
10		Poster Presentation Activity	15/02/2022	Shri. G.Y.Gune	-	Poster Presentation
11		Industrial Visit	26/05/2022	-	-	Industrial Visit
12	Arjit Remedies Pvt. Ltd., Kolhapur	Industrial Training	2019	-	-	Industrial Training
13	Gourishankar Institute of Pharmaceutical Education and Research Limb, Satara	Sharing of Human Resource	04/02/2020	-	Dr. R. S. Bagali	Expert Lecture
14	College of	Sharing of	04/02/2020	-	Mr. S. A. Bandgar	Expert

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	Pharmacy, Medha, Dist. Satara	Human Resource				Lecture	
15	Symbiosis Co-operative Pharmaceutical Ltd., Sangli	Industrial Training	2020	-	-	Industrial Training	
16	Rubicon Skill Development Pvt. Ltd.	Student Training	-	-	-	Training on Interview Skills	
17	Lecuris Pharmaceuticals	Seminar	19/01/2019	Dr. Pramod Bhoi	-	Seminar on Polycystic Ovary Syndrome	
18	Bharati Vidyapeeth College of Pharmacy, Kolhapur	Sharing of Human Resources	10/03/2022	-	Dr. A. P. Gadad	Guest Lecture	
19			15/03/2022	-	Mrs. P. B. Patil	Guest Lecture	
20			10/03/2022	-	Mrs. P. P. Patil	Guest Lecture	
21			11/03/2022	Dr. Mrs. N. M. Bhatia	-	Guest Lecture	
22			11/03/2022	Dr. P. B. Choudhari	-	Guest Lecture	
23			11/03/2022	Dr. D. A. Bhagwat	-	Guest Lecture	
24			Research	20/06/2019	Dr. S. S. Patil	Dr. M. S. Bhatia	Research Publication
25				30/05/2020	Ms. N. D. Desai	Ms. Mayuri Shitole	
26				25/09/2021	Mr. S. A. Bandgar	Dr. N. R. Jadhav	
27				11/04/2022	Ms. P. S. Patil	Ms. Poonam Karekar	
28	07/09/2020	Ms. S. V. Sutar		Dr. P. B. Choudhari			
29	Saglo Research Equipment's, Miraj	Training and Workshop	23/11/2022	Mr. S. G. Lokapure	-	Guest Lecture	

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30	Annasaheb Dange College of B.Pharmacy, Ashta	Facility Exchange	2022	-	-	FTIR Sample Analysis
31		Sharing of Human Resource	01/02/2020	-	Ms. S. V. Sutar	Guest Lecture
32		Research	04/02/2020	Mr. S. A. Bandgar	Mr. S. M. Honmane	Research Publication
33	Desai Ayurvedic	Industrial Training	2021	-	-	Industrial Training
34	The Indian Pharmaceutical Association, Local Branch Kolhapur	Poster Presentation	20/02/2022	-	Dr. J. I. D'souza	Poster Presentation
35	Vasantidevi Patil Institute of Pharmacy, Kodoli	Sharing of Human Resource	10/03/2022	-	Dr. P. S. Patil	Guest Lecture
36			10/03/2022	-	Dr. B. V. Udugade	Guest Lecture
37			10/03/2022	-	Miss. S. S. Suryawanshi	Guest Lecture
38	Tatyasaheb Kore College of Pharmacy, Warananagar	Facility Exchange	2021	-	-	HPH Sample Analysis
39		Research Publication	27/03/2020	Mr. S. A. Bandgar	Dr. A. S. Manjappa	Research Publication
40	Rajarambapu College of Pharmacy, Kasegaon	Sharing of Human Resource	15/03/2022	Miss. A. R. Dhole	-	Guest Lecture
41			15/03/2022	Dr. I. D. Raut	-	Guest Lecture
42			15/03/2022	Mr. D. S. Gumate	-	Guest Lecture
43		Research	12/11/2021	Ms. Poornima Patil	Mr. Ganesh Wabhujkar	Research Publication
44	Biocyte Institute of Research, Sangli	Facility Exchange	-	-	-	Sample Analysis

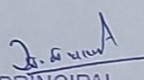


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45	Novetra Pharmaceuticals Pvt. Ltd. Sangli	Industrial Training	-	-	-	Industrial Training
46	Vijaysinh Yadav Arts and Science College, Peth-Vadgaon	Facility Exchange	-	-	-	Plant Authentication
47	Ripecord Pharmaceuticals Pvt. Ltd., Kolhapur	Industrial Training	-	-	-	Industrial Training
48	Sampurna-Jeevan Pharmachem Pvt. Ltd. Ichalkaranji	Industrial Training	-	-	-	Industrial Training
49	Varunehwar Organic Pvt. Ltd., Karad	Industrial Training	-	-	-	Industrial Training
50	Kolhapur District Chemist Association, Kolhapur	Poster Presentation	15/02/2022	-	-	Poster Presentation
51	Seema Biotech, Talsande, Hatkanangale, Kolhapur0	Industrial Training	25/11/2022	-	-	Field Visit



  
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 Peth-Vadgaon, Dist. Kolhapur.

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Activities conducted under MoU of Shree Santkrupa College of Pharmacy, Ghogaon, Karad.

①

RESOURCE PERSONS

**Dr.R.R.Shah**  
Vice Principal, Appasaheb Birmale College of Pharmacy, Sangli

**Dr.S.V.Patil**  
Associate Professor, Shree Santkrupa College of Pharmacy, Ghogaon.

**Dr.N.R.Jadhav**  
Professor, Bharati Vidyapeeth College of Pharmacy, Kolhapur

**Dr.M.M.Nitalikar**  
Associate Professor, Rajarambapu College of Pharmacy, Kasegaon

ORGANIZING COMMITTEE MEMBERS

Committees	Name of Faculty	Contact Numbers
Registration	Prof.N.C.Shaikh Prof.S.D.Shirke	9823171694 9637095235
Invitation	Prof.P.S.Patil	9766701040
Stage & Seminar Arrangement	Prof.S.S.Shelake Prof.S.B.Patil	9860601550 7387356408
Hospitality	Prof.S.S.Suryawanshi	8600503621
Anchoring	Prof.S.C.Patil	9637004063
Catering	Prof.S.S.Shinde Shri.R.A.Achalare	9960816756 9890217874

SCHEDULE OF ACTIVITIES

Time	Schedule
09:30 am to 10:30 am	Registration & Tea
10:30 am to 11:00 am	Inauguration Ceremony
11:00 am to 12:00 noon	Session - I
12:00 noon to 01:00 pm	Session - II
01:00 pm to 02:00 pm	Lunch
02:00 pm to 03:00 pm	Session - III
03:00 pm to 04:00 pm	Session - IV
04:00 pm to 04:30 pm	Session - V (Interactive Session)
04:30 pm to 05:00 pm	Valedictory Function

ASHOKRAO MANE  
COLLEGE OF PHARMACY

PETH - VADGAON  
Tal.Hatkanangale , Dist.Kolhapur

Organizes  
SHIVAJI UNIVERSITY, KOLHAPUR  
Sponsored

Teachers Training Programme  
On

# Pharmaceutics

Tuesday, 26 September 2017

PATRON

Hon.Shri.Vijaysinh Mane  
President,Shri. Balasaheb Mane  
Shikshan Prasarak Mandal ,Ambap

CONVENER

Dr.S.S.Patil  
Principal, Ashokrao Mane  
College of Pharmacy, Peth-Vadgaon

CHIEF CO-ORDINATOR

Prof.S.A.Bandgar  
Assistant Professor, Ashokrao Mane  
College of Pharmacy, Peth-Vadgaon

PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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2

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. S. PATIL Founder President : LATE SHRI ASHOKRAO MANE President : SHRI VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 209/2017-18

Date: 22/09/2017

To,  
Dr. S. V. Patil  
Associate Professor,  
Shree Santkrupa College of Pharmacy,  
Ghogaon.

**Subject:** Invitation as a resource person for 'Teachers Training Programme'.

Respected Sir,

We are inviting you as a resource person for Shivaji University, Kolhapur sponsored 'Teachers Training Programme' for First B. Pharm. Pharmaceutics (BP103T)' on Tuesday, 26<sup>th</sup> September 2017.

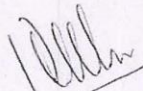
I hope that your guidance will update the academicians for promotion of enhancement of professionalism and teaching attitude.

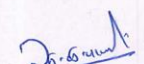
Please accept our invitation and do the honor.

Thanking You.

Received  
Dr. S. V. Patil



  
Dr. S. S. Patil  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth - Vadgaon, Dist. Kolhapur.

  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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3



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

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Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 216/2017-18.

Date: 26 SEP 2017

To,  
 Dr. S. V. Patil  
 Associate Professor,  
 Shree Santkrupa College of Pharmacy,  
 Ghogaon.

**LETTER OF APPRECIATION**

Dear Sir,

On the behalf of Management and Shivaji University, Kolhapur; we are exceedingly pleased for accepting our invitation of **Teachers Training Programme of Pharmaceutics (First B. Pharm)**. We have successfully concluded this programme by your auspicious presence.

I sincerely express my deep sense of appreciation for gracing the occasion with valuable guidance.

Thanking You.

Yours Truly

Dr. S. S. Patil  
 PRINCIPAL

Ashokrao Mane College of Pharmacy  
 Peth - Vadgaon, Dist. Kolhapur.

Received  
 Dr. S. V. Patil



PRINCIPAL

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*[Signature]*  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
Ashokrao Mane College of Pharmacy, Peth Vadgaon  
Organizes

**SHIVAJI UNIVERSITY SPONSORED  
"Teachers Training Program"**

ON

**Pharmaceutics (BP103T)**

Day & Date: Tuesday, 26<sup>th</sup> September 2017

**FEEDBACK FORM**

We expect assessment of this session from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.  
Please comment on aspects of Training Program using the following rating.  
[Tick in appropriate Box].

Session-I Dr. R. R. Shah

Topic: Incompatibility

	Excellent	Good	Average	Poor
a Relevance of topic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b Session content	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c Communication skill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d Involvement of Audience	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e Overall performance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the session:

.....The session was very excellent.....

Name (optional):.....Priyanka Shelate.....

Organization (optional):.....A.B.C.P. Sangli.....



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6

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## Advanced Polymeric Systems: Applications in Nanostructured Materials, Composites and Biomedical Fields

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### Editors

**Didier Rouxel**

Institut Jean Lamour, Université de Lorraine, France

**K. M. Praveen**

Muthoot Institute of Technology & Science (MITS), India

**Indu Raj**

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Mahatma Gandhi University, India



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*D. G. Gund*  
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## 7

## Application of *Lepidium sativum* as an Excipient in Pharmaceuticals

S. V. Sutar<sup>1</sup>, S. S. Shelake<sup>2</sup>, S. V. Patil<sup>3</sup> and S. S. Patil<sup>2</sup>

<sup>1</sup>Department of Pharmaceutical chemistry, Ashokrao Mane College of Pharmacy, Peth-Vadgaon, Hatkanangale, Kolhapur, 416112, Maharashtra, India

<sup>2</sup>Department of Pharmaceutics, Ashokrao Mane College of Pharmacy, Peth-Vadgaon, Hatkanangale, Kolhapur, 416112, Maharashtra, India

<sup>3</sup>Department of Pharmaceutics, Shree Santkrupa College of Pharmacy, Ghogaon, Karad, Satara, 415111, Maharashtra, India

Various types of plant mucilage available like alginic acid, gelatin maize starch and potato starch have been used as a binder in pharmaceutical formulation. But still finding a novel binder is useful in the pharmaceutical industry for manufacturing tablets. *Lepidium sativum* was chosen for its binding property. Aspirin and ibuprofen tablets were prepared by wet granulation technique using *Lepidium sativum* as a tablet binder. The prepared tablets were evaluated for physicochemical characteristics, and the binding efficacy of the *Lepidium sativum* was compared with the standard binder mucilage polyvinyl pyrrolidone (PVP) at similar concentration (3% w/w), 27.16° to 28.45° angle of repose and 0.46–0.46% w/w friability 1.2 to 12.03 min disintegration time. Tablets at 3% w/w binder concentration showed more optimum results as tablet binder. *Lepidium sativum* was found to be useful for the preparation of uncoated tablet dosage form. *Lepidium sativum* can be an alternative binder for the pharmaceutical formulations. Abundant availability, food grade status, economic feasibility, commercial suitability and reliability make the mucilage an alternative for the existing synthetic excipients.



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*S. V. Sutar*  
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## Polymeric materials for targeted delivery of bioactive agents and drugs

11

Sachinkumar V. Patil\*, Sardar S. Shelake<sup>1</sup>, Shitalkumar S. Patil<sup>1</sup>  
\*Shree Santkrupa College of Pharmacy, Karad, India, <sup>1</sup>Ashokrao Mane College of Pharmacy, Kolhapur, India

### Abstract

In recent years, the application of polymeric materials for a targeted drug-delivery system has been greatly advanced. Since polymeric materials played a crucial role in the targeted drug-delivery technology, the selection of such materials is very important in formulation and development. Polymeric materials used as components of the drug-delivery system should not be toxic and must have the desired essential properties required for such developments. Nowadays, research is much focused on the targeted drug-delivery system as it will deliver a medication to the patient with increase in the concentration in some parts of the body relative to others. Thus, such a drug-delivery system is largely founded on polymer-mediated drug delivery in order to combat the downfalls of conventional drug delivery. The selected polymeric material will bind with drugs and target specific parts of the body where there is solely diseased tissue, thereby avoiding interaction with healthy tissue. The aim of a targeted drug-delivery system is to prolong, localize, target, and have a protected drug interaction with the diseased tissue. However, for optimization in the formulation and development of a targeted drug-delivery system, selection of polymeric materials plays a significant role. Various types of polymeric materials were used for the same. Such polymeric materials will be classified as per site of targeting and properties of the polymeric materials. The present chapter intends to focus on various polymeric materials used for targeted delivery of bioactive agents and drugs.

**Keywords:** Polymeric materials, Targeted drug-delivery system, Bioactive agents and drugs, Drug-delivery system.

### 11.1 Introduction

A polymer is a large **molecule**, **macromolecule**, composed of many repeated subunits. Owing to their broad range of properties, both synthetic and natural polymers play an essential and ubiquitous role in every day of life. The term "polymer" derives from the ancient Greek word (*polus*, meaning "many, much") and (*meros*, meaning "parts"), and refers to a **molecule** whose structure is composed of multiple repeating units, from which originate a characteristic of high **relative molecular mass** and attendant properties. The units composing polymers derive, actually or conceptually, from molecules

Fundamental Biomaterials: Polymers. <https://doi.org/10.1016/B978-0-08-102194-1.00011-6>  
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Patil S. V. et al., Int. J. Res. Pharm. Sci., 2020, 11(2), 1282-1287

ORIGINAL ARTICLE

INTERNATIONAL JOURNAL OF RESEARCH IN  
PHARMACEUTICAL SCIENCES

Published by JK Welfare &amp; Pharmascope Foundation

Journal Home Page: [www.pharmascope.org/ijrps](http://www.pharmascope.org/ijrps)**Formulation and Evaluation of Bio- adhesive Pulsatile Drug Delivery System of Telmisartan**Patil S. V.<sup>1</sup>, Salokhe P. A.<sup>2</sup>, Patil S. S.<sup>2</sup>, Ustad J. Y.<sup>2</sup>, Shedbale S. S.<sup>2</sup><sup>1</sup>Department of Pharmaceutics, Shree Santkrupa College of Pharmacy, Ghogaon, Karad, Dist. Satara, Maharashtra, 415111, India<sup>2</sup>Department of Pharmaceutics, Ashokrao Mane College of Pharmacy, Peth-Vadgaon, Kolhapur, Maharashtra, 416112, India

## Article History:

Received on: 08 Jul 2019  
Revised on: 29 Nov 2019  
Accepted on: 04 Dec 2019

## Keywords:

Bio-adhesive drug delivery,  
Pulsatile drug delivery,  
Bio-adhesive- Pulsatile drug delivery,  
lag time

## ABSTRACT

The main objective of this study was to formulate and evaluate of Bio-adhesive pulsatile drug delivery system of Telmisartan, an anti-hypertensive drug in order to achieve better therapeutic efficacy and patient compliance. The approach of combination of bio-adhesive pulsatile formulation is suitable for gastro retention and time specific drug delivery. The study was carried by preparation of fast disintegrating core tablet followed by incorporation of core tablet to design bio-adhesive pulsatile tablet by press coating. The press coated tablet was prepared with the polymers ethyl cellulose and carbopol. The formulation was evaluated for precompression and post compression parameters, lag time, drug release and bio-adhesive study. All evaluation parameters were found within limits. The lag time expected for this disease was 8 hours as need of drug release for this disease was more likely to act in early morning. The 8 hour lag time was obtained in optimized formulation which has shown muco-adhesion for the same period. Thus bio-adhesive pulsatile drug delivery system could be the best precautionary alternative for the drugs having maximum absorption in stomach and used for diseases which follows circadian rhythm.

## \*Corresponding Author

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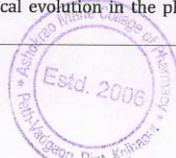
## INTRODUCTION

In the recent era, Novel Drug Delivery System (NDDS) has been growing at a greater rate due to its demand in the pharmaceuticals. The NDDS has changed a lot in the last five to ten years, as it includes technological evolution in the phar-

maceutical industry (Liu *et al.*, 2016; Chaudhary *et al.*, 2015). In the area of gastro-retentive drug delivery system, recent approach was bio-adhesive and floating drug delivery system which include gastro-retention by using various bio-degradable polymers for bio-adhesion. These dosage forms are useful for drugs having better absorption in stomach or when local delivery required in stomach (Gröning and Heun, 1984; Phanindra *et al.*, 2013). In chronopharmacotherapy, the drug release was designed as per circadian rhythm. Pulsatile drug delivery system is much more dependent on the diseases which following circadian rhythm as it is having specific applicability for those disease like bronchial asthma, myocardial infarction, arthritis, peptic ulcer, diabetes mellitus, lipidemic disease, hypertension (Janugade *et al.*, 2009; Bahul *et al.*, 2009; Nikalje *et al.*, 2012). In case of pulsatile drug delivery system drug is released after a pre-

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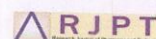
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0974-360X (Online)

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**RESEARCH ARTICLE**

**Press coated Bioadhesive Pulsatile Tablet of Lisinopril for Chronotherapy of Cardiac Disorders: *in-vitro* Evaluation**

Sachin Patil<sup>1\*</sup>, Ashwini Rakshe<sup>2</sup>, Rajesh Jagtap<sup>3</sup>, Sneha Jagtap<sup>4</sup>

<sup>1</sup>Ashokrao Mane College of Pharmacy, Pethwadgaon, Kolhapur, Maharashtra, India - 416112.

<sup>2</sup>Shree Santkrupa College of Pharmacy Ghogaon, Karad, Satara, Maharashtra, India - 415111.

<sup>3</sup>Late Adv. Dadasaheb Chavan Memorial Institute of Pharmacy, Malwadi (Masur), Karad, Satara Maharashtra, India 415 106.

\*Corresponding Author E-mail: sachinpatil1000@gmail.com

**ABSTRACT:**

The purpose of present investigation was to formulate bioadhesive pulsatile release tablet (BPRT) of lisinopril drug belong to antihypertensive category for chronotherapy of cardiac disorder. The concept behind this dosage form development is to investigate effect of coating polymer concentration on lag time and drug release from directly compressed tablet. The core tablets prepared by using various concentrations of disintegrants found suitable for complete release of drug in acidic medium indicating its solubility in gastric fluid. The FT-IR studies indicate that selected polymers are compatible with lisinopril since no interaction found in drug-excipient compatibility studies. The dissolution study clearly indicates that higher concentration of polymers which is HPMC K100M and Carbopol reduces free water volume and increase viscosity of the tablet coat causes reduction in drug release. The prepared Bioadhesive pulsatile release tablets showed desired hardness and good mucoadhesion strength. The obtained results showed capability of formulated bioadhesive pulsatile drug delivery system in a drug release for a programmable period of time to attain drug release after minimum 3 hr of Lag time. A stability results clearly indicate that developed pulsatile product was sufficiently stable under accelerated and controlled conditions. Thus, the developed pulsatile tablet can be considered to be a promising formulation for the relief of early morning surge in blood pressure and other cardiac disorders which follows a circadian rhythm.

**KEYWORDS:** Lisinopril, Bioadhesive, Pulsatile tablet, Chronotherapy, Cardiac disorder.

**INTRODUCTION:**

Modified release dosage form show different release profiles depending on its type. This dosage form is used to describe products that alter the timing and rate of release of drug substance. Pulsatile drug delivery system is the most interesting time dependent system. Bioadhesive Pulsatile Drug Delivery Systems are gaining a lot of interest as they deliver the drug at the right site of action, at the right time and in the right amount as well as they have capacity to bind to the mucus membrane thus prolongs retention time in the Gastro-intestinal tract resulting in maximum absorption and hence enhanced bioavailability and spatial and temporal delivery and increasing patient compliance.

The release of the drug as a pulse after a lag time has to be designed in such a way that a complete and rapid drug release follows the lag time<sup>1</sup>. Pulsatile drug delivery system is an important and focusing part among time-controlled release systems. It is characterized by a predetermined lag time period in the beginning stage of drug release followed by a burst drug release phase in the drug release profiles<sup>2-4</sup>. The pulsatile release has some advantages like it can avoid drug tolerance and control of tissue and the drug release can be controlled by time, by site or by combination of both parameters<sup>5,6</sup>. As far as coating technology is concerned, compression coating is the most popular method to achieve pulsatile drug release due to the simplicity of the formulation process compared to the traditional liquid coating processes which are time-consuming and often not solvent-free. Compression-coating provides thick coatings within short processing time which can

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Accepted on 13.09.2021 © RJPT All right reserved  
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DOI: 10.52711/0974-360X.2022.00511



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VMedulife, Pune

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*S. Sandip*  
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The screenshot shows the AMCOPH software interface with a table of recent updates. The table has columns for Sr. No., Date, Module, and Description. The updates listed are:

Sr. No.	Date	Module	Description
1.	10 Apr. 2023	General Queries	We are now able to provide Admin Access department wise now.
2.	10 Apr. 2023	General Queries	If the faculty member has admin access to one department/branch, they are automatically the admin for all other departments, which means they can make changes.
3.	22 Feb. 2023	Transport	Students will now be able to request a bus pass from their login.
4.	17 Feb. 2023	Library	Library- The export option is provided in library entry tab.
5.	16 Feb. 2023	Management Dashboard	Management Dashboard -> Module Analysis -> Leave Management -> Minimum Employee Attendance Logs Synchronized   Default Min 20   (Monthly   Institute Level)
6.	16 Feb. 2023	Management Dashboard	Management Dashboard -> Module Analysis -> Leave Management -> Minimum Leaves Records Should Be Available   Default Min 5   (Monthly   Institute Level) -> Actio
7.	16 Feb. 2023	Management Dashboard	Management Dashboard -> Module Analysis -> Committee and Meetings -> Minimum Meetings With Attendance And Mond Should Be Updated   Default Min 5   (Mor
8.	16 Feb. 2023	Management Dashboard	Management Dashboard -> Module Analysis -> Monitoring -> Minimum Meetings Conducted   Default Min 5   (Monthly   Department Level) -> Action -> Edit -> Change
9.	16 Feb. 2023	Assessment	Assessment- Pagination is working as expected.
10.	16 Feb. 2023	Admission	Admission-The admission year as 2021-22, the data reflects correctly but on heading its given academic year 2022-23 (which is on dashboard), according to academic



*20/06/23*  
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Sr No	Date	Module	Ref ID	Name	Subject
1	10 April, 2023	Fees	77279	Azhar Mujawar	Fees Report - Yearwise Students Previous Current Balance Fee Report - provide date range filter
2	17 March, 2023	Fees	72743	Azhar Mujawar	Fees - Quick Collect - on receipt total amount showing incorrect. 1 Tuition fee 33262.2 Anamat Fee 70708 Total 33262.00
3	28 February, 2023	Fees	69205	Prof Vipul Patel	Kindly bifurcate the existing 'Scholarship' column in to the 'BBC and Scholarship' in the Reports---Academic Year wise Fee Analysis in the fees mod
4	28 February, 2023	Fees	69204	Prof Vipul Patel	Kindly bifurcate the existing 'Scholarship' column in to the 'BBC and Scholarship' separately in Reports---Academic Year wise Fee Analysis Tab
5	27 February, 2023	Fees	68889	Azhar Mujawar	Fees - Quick Collect - Modify Assigned Fee Structure - when we edit fees structure fees receipt amount is changing ( which is already paid by student
6	09 February, 2023	Certificate	65037	Prof Vipul Patel	Dear Sir, in the leaderboard you have added certificate for green campus, faculty and students please add certificate category for Coordinator for
7	10 December, 2022	Fees	61074	Azhar Mujawar	Fees - general receipt - when we add general receipt Purpose provide an provision to set custom amount
8	10 December, 2022	Fees	61073	Azhar Mujawar	Fees - fee structure - amount should be edit even after fees receipt generated because for DI pharma fees yet not decided and admission process will
9	21 November, 2022	Fees	49874	Azhar Mujawar	Headwise daily collection report is wrong of anamat amount on date 11/4/2022 of A/c 2020-21
10	21 November, 2022	Fees	49873	Azhar Mujawar	Fee should not be roundfigure

Stamp: Ashokrao Mane College of Pharmacy, Peth Vadgaon, Dist. Kohtapur, Estd. 2006

Signature: *D. S. ...*  
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 Peth-Vadgaon, Dist. Kohtapur.

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Sr. No.	Date	Module	Ref. ID	Name	Subject
11	25 May, 2023	General Queries	88604	Prashant Kumbhar	Connected with the respected sir/madam Assistant Professor Prashant Kumbhar for software-related guidance and queries
12	25 May, 2023	General Queries	88608	Prashant Kumbhar	Connected with the respected sir/madam Assistant Professor Prashant Kumbhar for software-related guidance and queries
13	25 May, 2023	General Queries	88608	Prashant Kumbhar	Connected with the respected sir/madam Assistant Professor Prashant Kumbhar for software-related guidance and queries
14	24 May, 2023	General Queries	88422	Prashant Kumbhar	Connected with the respected sir/madam Assistant Professor Prashant Kumbhar for software-related guidance and queries
15	24 May, 2023	General Queries	88295	Prashant Kumbhar	Connected with the respected sir/madam Assistant Professor Prashant Kumbhar for software-related guidance and queries
16	24 May, 2023	General Queries	88250	Prashant Kumbhar	Connected with the respected sir/madam Assistant Professor Prashant Kumbhar for software-related guidance and queries
17	23 May, 2023	General Queries	88034	Dr. Pravin Patil	Connected with the respected sir/madam Dr. Pravin Patil for software-related guidance and queries
18	23 May, 2023	General Queries	87968	Prof. Vipul Patil	Connected with the respected sir/madam Associate Professor Prof. Vipul Patil for software-related guidance and queries
19	23 May, 2023	General Queries	87968	Prof. Vipul Patil	Connected with the respected sir/madam Associate Professor Prof. Vipul Patil for software-related guidance and queries
20	23 May, 2023	General Queries	87948	Prof. Vipul Patil	Connected with the respected sir/madam Associate Professor Prof. Vipul Patil for software-related guidance and queries



*D. S. Mane*  
**PRINCIPAL**  
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 Peth-Vadgaon, Dist. Kolhapur.

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The screenshot shows the AMCOPH portal interface. The 'Email Assistance' tab is active, displaying a table of recent updates. The table has columns for Sl. No., Date, Module, Ref. ID, Name, and Subject. The data is as follows:

Sl. No.	Date	Module	Ref. ID	Name	Subject
1	04 February, 2022	Student Details	19059	Prof. Vipul Padi	FY B Pharmacy Student information
2	17 January, 2022	Student Details	18379	Poornima Sachin Sankpal	New students details sent by mail
3	22 April, 2021	Student Details	7506	Prof. Vipul Padi	Need help for assigning the students in Practical catches

Below the table, there is a circular stamp of Ashokrao Mane College of Pharmacy, Peth-Vadgaon, Dist. Kolhapur, established in 2006. To the right of the stamp is a handwritten signature and the text: PRINCIPAL, Ashokrao Mane College of Pharm., Peth-Vadgaon, Dist. Kolhapur.

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Sr. No.	Date	Module	Duration	Subject
1	16 March, 2023	Certificate	16:27:00 - 18:30:00	Certificate
2	29 September, 2022	Fees	12:28:00 - 13:00:00	Fees
3	29 September, 2022	Fees	14:15:00 - 14:58:00	Fees
4	20 August, 2022	Admission	15:38:00 - 16:25:00	Admission Module
5	08 July, 2022	Leave Management	10:34:00 - 11:20:00	Leave Management
6	07 June, 2022	LMS Faculty Profile Committee and Meetings	10:17:00 - 11:17:00	LMS Faculty Profile Committee and Meetings
7	18 May, 2022	Certificate	11:50:00 - 12:50:00	Certificate
8	16 May, 2022	Employee (Staff) Registration and Access	12:55:00 - 13:55:00	Employee (Staff) Registration
9	04 May, 2022	Fees	15:00:00 - 16:42:00	Demonstration on Fees Module
10	16 April, 2022	Fees	12:30:00 - 13:00:00	Demonstration on Fees Module
11	15 January, 2021	Library		Library Module Demonstration conducted on Jan 15, 2021 02:30 PM
12	07 April, 2021	Personalise		vmduLife Software Demonstration conducted on Apr 7, 2021 01:15 PM
13	28 August, 2020	Academic Planning		Academic Planning Module demonstration conducted on Aug 28, 2020 12:30

Stamp: Ashokrao Mane College of Pharmacy, Peth Vadgaon, Estd. 2006, Dist. Kolhapur

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Sl. No.	Date	Module	Duration	Subject
1.	08 February 2022	Fees/ID Card	09:30:00 - 11:30:00	Onsite Demonstration on ID card and Fees Module
2.	05 February 2022	Leave Management	09:30:00 - 11:30:00	Onsite Demonstration for Leave Management
3.	04 February 2022	Certificate Inward and Outward	09:30:00 - 11:30:00	Onsite Demonstration for Certificate and Inward/Outward module

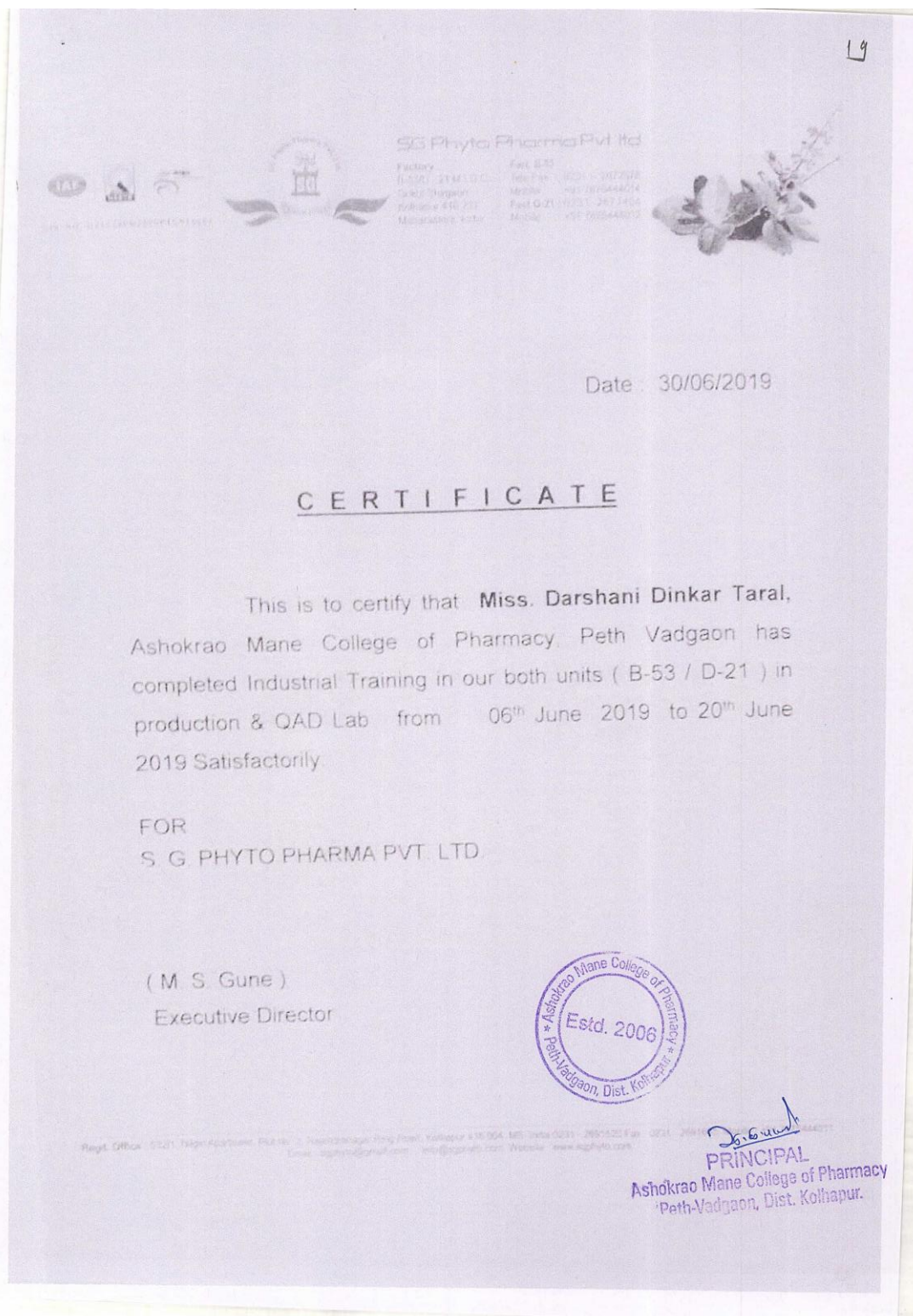


*[Signature]*  
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Peth-Vadgaon, Dist. Kolhapur.

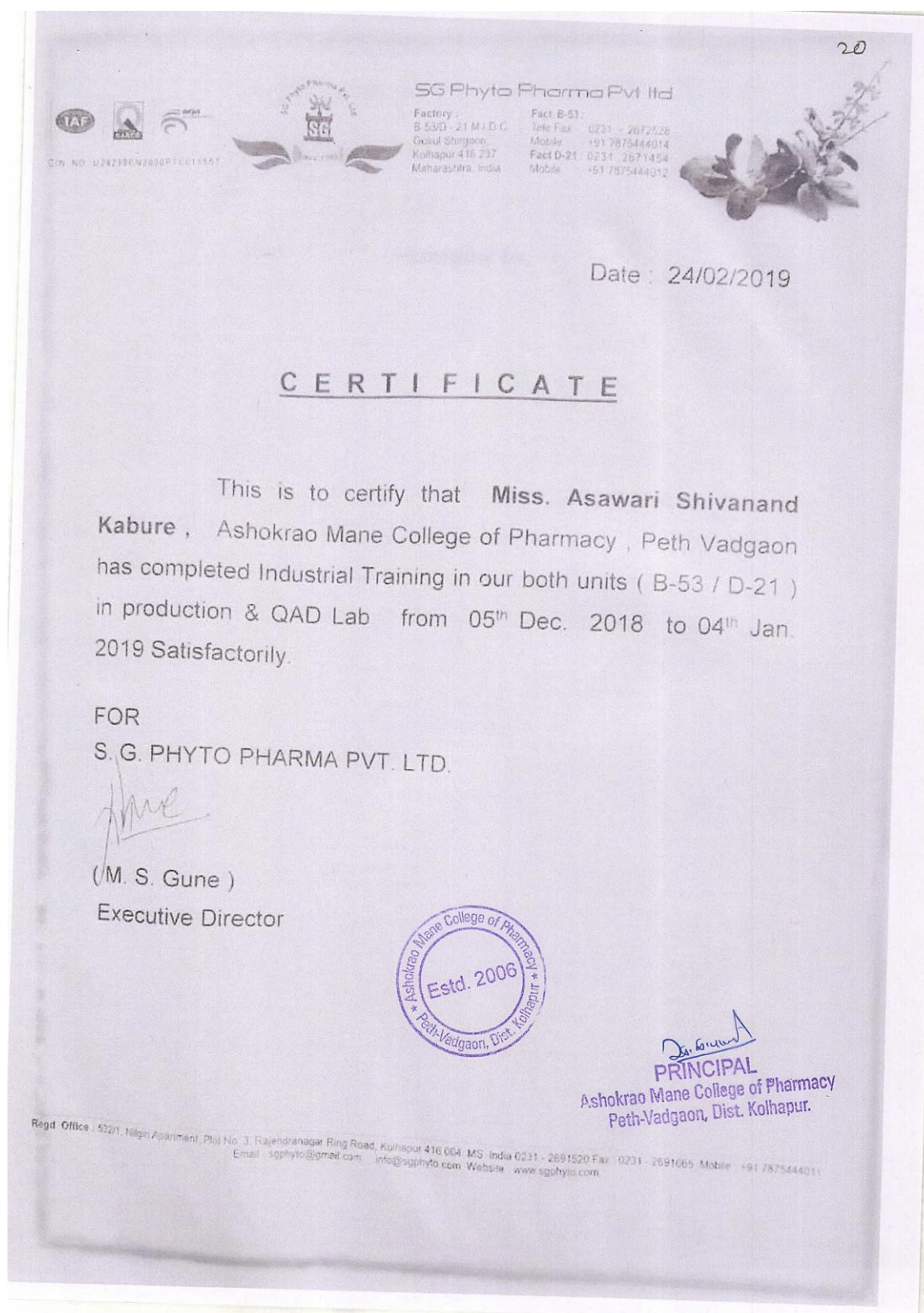
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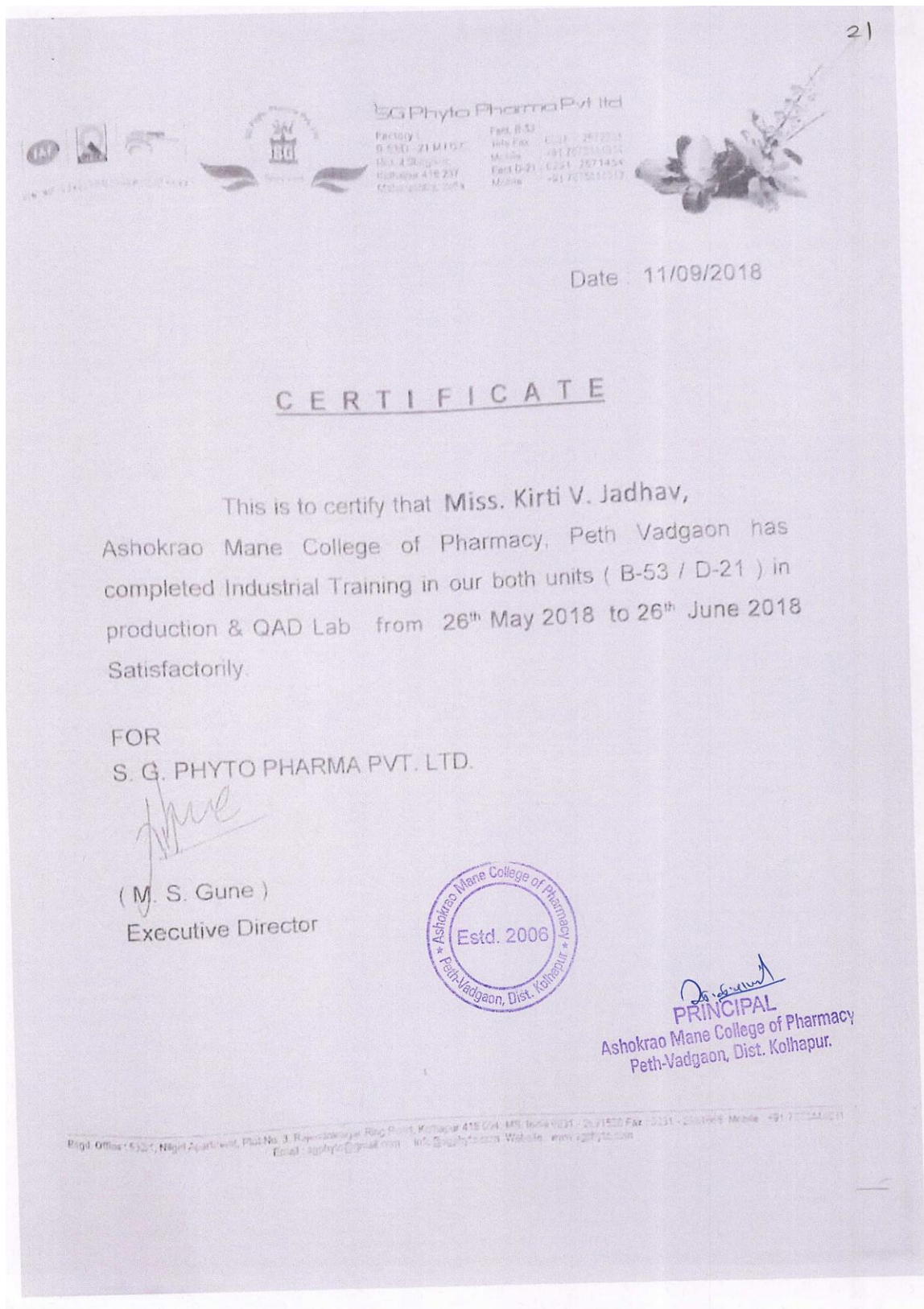
Activities conducted under the MoU of S. G. Phyto Pharma Pvt. Ltd. Kolhapur.



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## ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : **Dr. S.V. PATIL** Founder President : **LATE SHRI. ASHOKRAO MANE** President : **SHRI. VIJAYSINH MANE**

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: **331/2021-22**

Date: **04/02/2021**

To,  
The Executive Director,  
SG Phytopharma Pvt. Ltd.,  
Kolhapur.

**Subject: Sponsorship for National Level E- Poster Competition for Pharmacy students.**

Respected Sir,

In connection with the above subject we, Ashokrao Mane Pharmacy College, Peth Vadgaon, Womens College of Pharmacy, Peth Vadgaon, Ashokrao Mane Institute of Pharmacy, Ambap and Ashokrao Mane Institute of Pharmaceutical Sciences and Research, Save are planning to organize online national level e-Poster competition for Pharmacy students. It's our humble request to sponsor the program under S. G. Phyto Pharma Pvt. Ltd, Kolhapur.

We all know that S. G. Phyto Pharma Pvt. Ltd. the manufacturers of quality ayurvedic medicines, was founded in 1980 by Late Shri. G. Y. Gune and Late Shri. S. G. Pitre, who were inspired by the senior most Raj Vaidya Shri. Babasaheb Gune, The medical advisor to the state royal family of Kolhapur in early 20th century. Ayurveda, the oriental science of life has been a passion and tradition with the Gune and Pitre families.

It will be our privilege if we get an opportunity to work in collaboration with you. We believe that your contribution to this field is unparalleled and will be of great benefit. This program is scheduled in the third week of February 2022 and will be held on Online Mode.

So we request you to give an opportunity to conduct this event in collaboration with S. G. Phyto Pharma Pvt. Ltd, Kolhapur.

Thanks and Regards



*S. V. Patil*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap s  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : **Dr. S. S. PATIL** Founder President : **LATE SHRI. ASHOKRAO MANE** President : **SHRI. VIJAYSINH MANE**

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 407/2021-22

Date: 15/3/22

To,  
 The Executive Director,  
 S. G. Phyto Pharma Pvt. Ltd.  
 532/1, Nilgiri Apartment, Plot. 3, 'E',  
 Rajendranagar Ring Road,  
 Kolhapur 416004/1.  
 Maharashtra.  
 India.

**Subject:** Invitation for prize distribution ceremony

Respected Sir,

With the reference to subject cited above and as per our previous communication, We, Ashokrao Mane College of Pharmacy, Peth- Vadgaon have successfully conducted A State level E- poster competition on 15<sup>th</sup> February 2022. This state level poster competition was sponsored (Rs. 5000/-) by your reputed company S.G. Phyto Pharma and we are thankful to you for sponsoring this competition.

The prize distribution ceremony of conducted State level E- poster competition is scheduled on 16<sup>th</sup> March 2022 at 11.00 am and herewith, we are cordially inviting you to join the prize distribution ceremony program.

It would be a great honor for us that you are attending the prize distribution ceremony and hand out the certificates and prizes to the winners of competition. We from the "Ashokrao Mane College of Pharmacy, Peth- Vadgaon" would be in your gratitude if you accept this invitation and grace the event.

Thanking you,



*S. S. Patil*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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<p><b>TOPICS FOR POSTER PRESENTATION</b></p> <ol style="list-style-type: none"> <li>1. Artificial Intelligence in Health Care</li> <li>2. Role of Pharmacist in Digital Era</li> <li>3. Nanotechnology and India</li> <li>4. Recent trends in Herbal Drug Technology</li> </ol> <p><b>INSTRUCTIONS FOR POSTER PRESENTATION</b></p> <ol style="list-style-type: none"> <li>1. No registration fees.</li> <li>2. Language of presentation should be English.</li> <li>3. The competition is only for B.Pharmacy students of Maharashtra State only.</li> <li>4. Last date of registration &amp; submission of E-Poster &amp; Video is 15<sup>th</sup> February 2022.</li> <li>5. The video should be submitted in MP4 format with size of 40 MB of duration not exceed 5 minutes.</li> <li>6. Maximum two entries will be accepted per institute.</li> <li>7. Kindly fill &amp; upload poster and video clip by using given registration link.</li> <li>8. Decision given by judges will be final.</li> <li>9. Presenters face and Poster should be visible clearly during Presentation.</li> <li>10. E-certificate will be given to all participants after filling feedback form.</li> <li>11. During presentation all students should wear their college ID card.</li> </ol>	<p><b>PATRON</b></p> <p><b>Hon. Shri. Vijaysinh A. Mane</b> President, Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap</p> <p><b>Hon. Mrs. Manisha V. Mane</b> Z. P. Member, Kolhapur</p> <p><b>ORGANIZING COMMITTEE</b></p> <p><b>CONVENOR</b></p> <p>Dr. N. B. Chougule, Principal, AMIP, Ambap Dr. D. R. Jadge, Principal, WCOP, Peth Vadgaon Dr. S. V. Patil, Principal, AMCP, Peth Vadgaon Dr. A. S. Kulkarni, Principal, AMIPSR, Save</p> <p><b>CO-ORDINATORS</b></p> <p>Mr. S. S. Shelke (Mob. 9860601550) Ms. N. K. Mujawar (Mob. 7709720763) Mrs. P. P. Patil (Mob. 9766671024) Mr. S. S. Karale (Mob. 7620867251)</p> <p><b>Registration Link</b> <a href="https://forms.gle/DvDv8RR2jpDva3Kz9">https://forms.gle/DvDv8RR2jpDva3Kz9</a></p> <p><b>PRIZES</b></p> <p>First Prize Rs. 3000/- Second Prize Rs. 2000/- Third Prize Rs. 1000/-</p>	 <p>Late. Shri. Ashokrao Mane Founder President, Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap</p> <p><b>A STATE LEVEL E-POSTER COMPETITION FOR B. PHARM STUDENTS</b></p> <p>15<sup>th</sup> February 2022</p> <p><b>Organized By</b></p> <p>ASHOKRAO MANE INSTITUTE OF PHARMACY, AMBAP</p> <p>WOMENS COLLEGE OF PHARMACY, PETH VADGAON</p> <p>ASHOKRAO MANE COLLEGE OF PHARMACY, PETH VADGAON</p> <p>ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, SAVE</p> <p><b>SPONSORED BY</b></p>  <p>SG PHYTO PHARMA PVT. LTD., KOLHAPUR</p> <p>Email: bpharmposter@gmail.com Website: www.amgk.kolhapur.com</p>
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## ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 2006  
 Principal : **Dr. S. V. PATIL** Founder President : **LATE SHRI. ASHOKRAO MANE** President : **SHRI. VIJAYSINH MANE**

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 552/2021-22 Date: 10/5/2022

To,  
 HR  
 S. G. Phyto Pharma Pvt. Ltd.  
 B-53/D-21, MID C, Gokul Shirgaon,  
 Kolhapur, Maharashtra. 416237

Subject: - Regarding Permission for Industrial Visit.

Respected Sir,

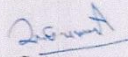
On behalf of Ashokrao Mane College of Pharmacy, Peth-Vadgaon. I am writing this letter to you for getting your permission to conduct industrial visit in your industry.


We, Management team, decide to give some practical education to the students about the industry procedure and its facility. From that, your firm is the best option to carry on such project. In that case, we need your support. The student will be part of the visit accompanied by two teachers. We just take a day for this industry visit.

Day & Date of visit- Thursday, 26<sup>th</sup> May 2022.  
 Number of students (BPharm and MPharm) - 70.

Hope you understand the need of the visit for the education purpose.

Thanking you

Yours faithfully  
  
 Dr. S. V. Patil  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.



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Study tour at “S.G. Phytopharma Gokulshirgaon Kolhapur”, along with Dr.S.B.Sutar, Ms. P. N. Chougule, Mr. A. D. Patil, Mr. Mr. V. C. Bhosale & students .

**GLIMPSES**

Study tour at S.G. PhytoPharma Pvt. Ltd, B-53, Gokulshirgaon, Kolhapur



*Dr. S. B. Sutar*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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*Dr. G. S. Mane*  
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*[Signature]*  
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Activities conducted under the MoU of Arjit Remedies Pvt. Ltd., Kolhapur.

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**Arjit Remedies**

W-106, M.I.D.C., Shirol, Kolhapur (Maharashtra) - 416 122. Ph. No.: +91 9764655137, +91 9960304747.

21<sup>th</sup> August 2019

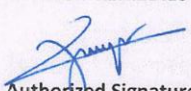
To Whomsoever It May Concern


This is to certify that **Mr. Yogesh Sadashiv Mananiy**, student of **Ashokrao Mane College of Pharmacy, Peth Vadgaon** has successfully completed the industrial training in Production Department under granulation section for the period of **6<sup>th</sup> June 2019 to 7<sup>th</sup> July 2019** under guidance of Mr. Mahavir Patil.


During his training period, he has exhibited great interest and sincerity.

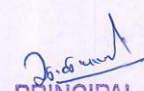
Wishing him best luck for future endeavor.

With warm regards,  
For ARJIT REMEDIES

  
Authorized Signature





  
PRINCIPAL  
Ashokrao Mane College of Pharmac,  
Peth-Vadgaon, Dist. Kolhapur.

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**Arjit Remedies**

W-106, M.I.D.C., Shirol, Kolhapur (Maharashtra) - 416 122. Ph. No.: +91 9764655137, +91 9960304747.


21<sup>st</sup> August 2019**To Whomsoever It May Concern**

This is to certify that **Mr. Omkar Rangrao Suryavanshi**, student of **Ashokrao Mane College of Pharmacy, Peth Vadgaon** has successfully completed the industrial training in Production Department under powder section for the period of **6<sup>th</sup> June 2019 to 7<sup>th</sup> July 2019** under guidance of Mr. Mahavir Patil.

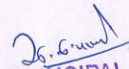
During his training period, he has exhibited great interest and sincerity.

Wishing him best luck for future endeavor.

With warm regards,  
For ARJIT REMEDIES

  
Authorized Signature



  
**PRINCIPAL**  
Ashokrao Mane College of Pharmac  
Peth-Vadgaon, Dist. Kolhapur.

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Arjit Remedies

W-106, M.I.D.C., Shirol, Kolhapur (Maharashtra) - 416 122. Ph. No.: +91 9764655137, +91 9960304747.

21<sup>th</sup> August 2019**To Whomsoever It May Concern**

This is to certify that **Mr. Nikhil Sundam Mai**, student of **Ashokrao Mane College of Pharmacy, Peth Vadgaon** has successfully completed the industrial training in Production Department under liquid section for the period of **6<sup>th</sup> June 2019 to 7<sup>th</sup> July 2019** under guidance of Mr. Mahavir Patil.

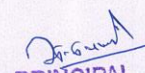
During his training period, he has exhibited great interest and sincerity.

Wishing him best luck for future endeavor.

With warm regards,  
For ARJIT REMEDIES

  
Authorized Signature



  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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**Arjit Remedies**

W-106, M.I.D.C., Shirol, Kolhapur (Maharashtra) - 416 122. Ph. No.: +91 9764655137, +91 9960304747.

30<sup>th</sup> September 2019

**To Whomsoever It May Concern**

This is to certify that **Mr. Rushikesh Chandrakant Gurav**, student of **Ashokrao Mane College of Pharmacy, Peth Vadgaon** has successfully completed the industrial training in Production Department under powder section for the period of **15<sup>th</sup> August 2019 to 14<sup>th</sup> September 2019** under guidance of Mr. Mahavir Patil.

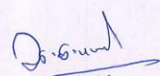
During his training period, he has exhibited great interest and sincerity.

Wishing him best luck for future endeavor.

With warm regards,  
For ARJIT REMEDIES

  
Authorized Signature



  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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**Activities conducted under the MoU of Gourishankar Institute of Pharmaceutical Education and Research Limb, Satara.**

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**BHARATI VIDYAPEETH  
COLLEGE OF PHARMACY, KOLHAPUR  
'SHARING OF HUMAN RESOURCES ACTIVITY'  
Under Lead College Scheme of Shivaji University, Kolhapur.**



To,

The Principal,  
Ashokrao Mane College of Pharmacy, Pethvadgaon

**Sub:** Appointment of experts to conduct Sharing of Human Resources activity under lead college scheme of Shivaji University, Kolhapur.

Dear Sir/Madam,

With reference to the subject cited above, please find the list of experts from your institute to conduct Sharing of Human Resources activity as per the schedule given below. You are therefore requested to make necessary arrangement and cooperation for the smooth conduction of the activity.

Center name	Faculty/expert name, contact no.	Date	Class	Topic
Sant Gajanan Maharaj College of Pharmacy, Mahagaon	Dr. Santosh Gejage Mobile: 9665388581	01 to 05 Feb 2020	UG/PG	Patent law management
Annasaheb Dange College of Pharmacy, Ashta	Mrs. S. V. Sutar Mobile: 9604260633	01 to 05 Feb 2020	UG/PG	Forced degradation and stability studies of drugs
College of Pharmacy, Medha	Mr. S. A. Bandgar Mobile: 8600009719	01 to 05 Feb 2020	UG/PG	BA and BE in drug development
Satara College of Pharmacy, Degaon	Mr. V. M. Patil Mobile: 9762314337	01 to 05 Feb 2020	UG/PG	Stereochemistry
GIPER, Limb	Dr. R. S. Bagali Mobile: 8788185450	01 to 05 Feb 2020	UG/PG	Chronopharmacology

Kindly requesting you to relieve the above-mentioned faculty of your college.

- Note:** 1) Concerned expert should confirm the time and date schedule from respective college.  
2) Expert should collect the attendance certificate from respective college after completion of the lecture. It is mandatory to conduct the activity before 5<sup>th</sup> Feb 20.  
3) Expert will be given minimum Rs. 1000/- remuneration from the respective allotted college.  
4) Honorarium amount of Rs. 1000/- per expert will be paid from Lead college for one session which will not be less than two hours **only after submission** of detail report consisting scanned copy of attendance certificate and honorarium voucher (signed scanned copy) to lead college email.

Thanking you.

Regards,

Mr. D. T. Gaikwad  
Secretary

Dr. H. N. More  
Chairman, Lead College Working Committee

**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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**Sharing of Human Resource Activity**  
Under Lead College Scheme of Shivaji University, Kolhapur

**Receipt**

Date: 05/02/2020

To, Principal, Bharati Vidyapeeth College of Pharmacy, Kolhapur

From. Name of Expert: Dr. R. S. Bagali, Prof.

Address: Ashokrao Mane College of Pharmacy,  
Peth Vadgaon

Bank details of Expert:

Name of Bank with branch- Syndicate Bank, GIP College  
Nipani

Account No- 05572200003418

IFSC- SYNB0000557

Mobile No- 9421201996 / 8788125450

Details	Amount in Rs.
Honorarium for.. Expert Remuneration as sharing of Human Resource activity at GIPER, Limb on 04/02/2020	1000 -
Amount in words:	One thousand only

Received as per above by cash cheque/account transfer

*Bagali*  
Signature of Expert


Kindly mail this scanned copy (signed) with attendance certificate to email- bvepkc@rediffmail.com

*Dr. R. S. Bagali*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Regd.Trust.No.E-1108(Satara)  
**Gourishankar Educational & Charitable Trust's**  
**GOURISHANKAR INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH,**  
**LIMB, SATARA.**  
 At & Post – Limb, Survey No. 990, Tal & Dist.- Satara. (M.S.)  
 Ph.- 02162 – 268760,268759      E-mail – [giper\\_limb@rediffmail.com](mailto:giper_limb@rediffmail.com)


President Prof. Jagtap M. S.	Principal Dr. Yadav A. V.
---------------------------------	------------------------------


Outward No:- GIPER /2019-20/ 307      Date :- 04 / 02 /2020

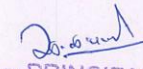


**ATTENDANCE CERTIFICATE**

This is certify that Professor, Dr. R. S. Bagali from Ashokrao Mane College of Pharmacy, Peth Vedgaon, Kolhapur delivered informative lecture on “Chronopharmacology” held on 04 Feb. 2020, Under Lead College Scheme of Shivaji University, Kolhapur.



  
**Principal**  
 Gourishankar Institute of Pharmaceutical Education and Research (Satara)

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Activities conducted under the MoU of College of Pharmacy, Medha, Dist. Satara.

**BHARATI VIDYAPEETH  
COLLEGE OF PHARMACY, KOLHAPUR  
'SHARING OF HUMAN RESOURCES ACTIVITY'  
Under Lead College Scheme of Shivaji University, Kolhapur.**



36

To,

The Principal,  
Ashokrao Mane College of Pharmacy, Pethvadgaon

**Sub:** Appointment of experts to conduct Sharing of Human Resources activity under lead college scheme of Shivaji University, Kolhapur.

Dear Sir/Madam,

With reference to the subject cited above, please find the list of experts from your institute to conduct Sharing of Human Resources activity as per the schedule given below. You are therefore requested to make necessary arrangement and cooperation for the smooth conduction of the activity.

Center name	Faculty/expert name, contact no.	Date	Class	Topic
Sant Gajanan Maharaj College of Pharmacy, Mahagaon	Dr. Santosh Gejage Mobile: 9665388581	01 to 05 Feb 2020	UG/PG	Patent law management
Annasaheb Dange College of Pharmacy, Ashta	Mrs. S. V. Sutar Mobile: 9604260633	01 to 05 Feb 2020	UG/PG	Forced degradation and stability studies of drugs
College of Pharmacy, Medha	Mr. S. A. Bandgar Mobile: 8600009719	01 to 05 Feb 2020	UG/PG	BA and BE in drug development
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GIPER, Limb	Dr. R. S. Bagali Mobile: 8788185450	01 to 05 Feb 2020	UG/PG	Chronopharmacology

Kindly requesting you to relieve the above-mentioned faculty of your college.

- Note:** 1) Concerned expert should confirm the time and date schedule from respective college.  
2) Expert should collect the attendance certificate from respective college after completion of the lecture. It is mandatory to conduct the activity before 5<sup>th</sup> Feb 20.  
3) Expert will be given minimum Rs. 1000/- remuneration from the respective allotted college.  
4) Honorarium amount of Rs. 1000/- per expert will be paid from Lead college for one session which will not be less than two hours **only after submission** of detail report consisting scanned copy of attendance certificate and honorarium voucher (signed scanned copy) to lead college email.

Thanking you.

Regards,

Mr. D. T. Gaikwad  
Secretary

Dr. H. N. More  
Chairman, Lead College Working Committee

**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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**Meruling Shikshan Sanstha's**  
**COLLEGE OF PHARMACY (B.PHARM), MEDHA**

(Approved by All India Council For Technical Education,  
 Pharmacy Council of India New Delhi & Affiliated to Dr. Babasaheb Ambedkar  
 Technological University, Lonere & Shivaji University, Kolhapur.)

Tal.: Jaoli, Dist.: Satara Phone : (02378) 285619,  
 Fax : (02378) 285619, E-mail : copm515@rediffmail.com  
 Web Site - www.copmedha.com



Chairman  
**Sudhir S. Pawar**



Founder  
**Hon. Sahebrao Pawar**

Ref.No. NSS/CDPM/6390/02/2020/460

Date : 04/02/2020

### Letter of Appreciation

This is to certify that Mr. S. A. Bandgar has conducted a lecture on **“BA and BE in Drug Development”**. Under Sharing Of Human Resources Activity under Lead College Scheme of Shivaji University, Kolhapur.

The lecture was conducted for Final Year students of College of Pharmacy (B. Pharm), Medha.

It was honor of our college that Mr. S. A. Bandgar came and delivered a motivational lecture for all the students.

I really appreciate Mr. S. A. Bandgar for giving us such an informative and valuable lecture to all the students.

*Received  
 Dr. Bandgar  
 04/02/2020*



*Dr. Bandgar*  
 PRINCIPAL  
 College of Pharmacy Medha (B.Pharm)  
 Tal. Jaoli, Dist. Satara



*Dr. Bandgar*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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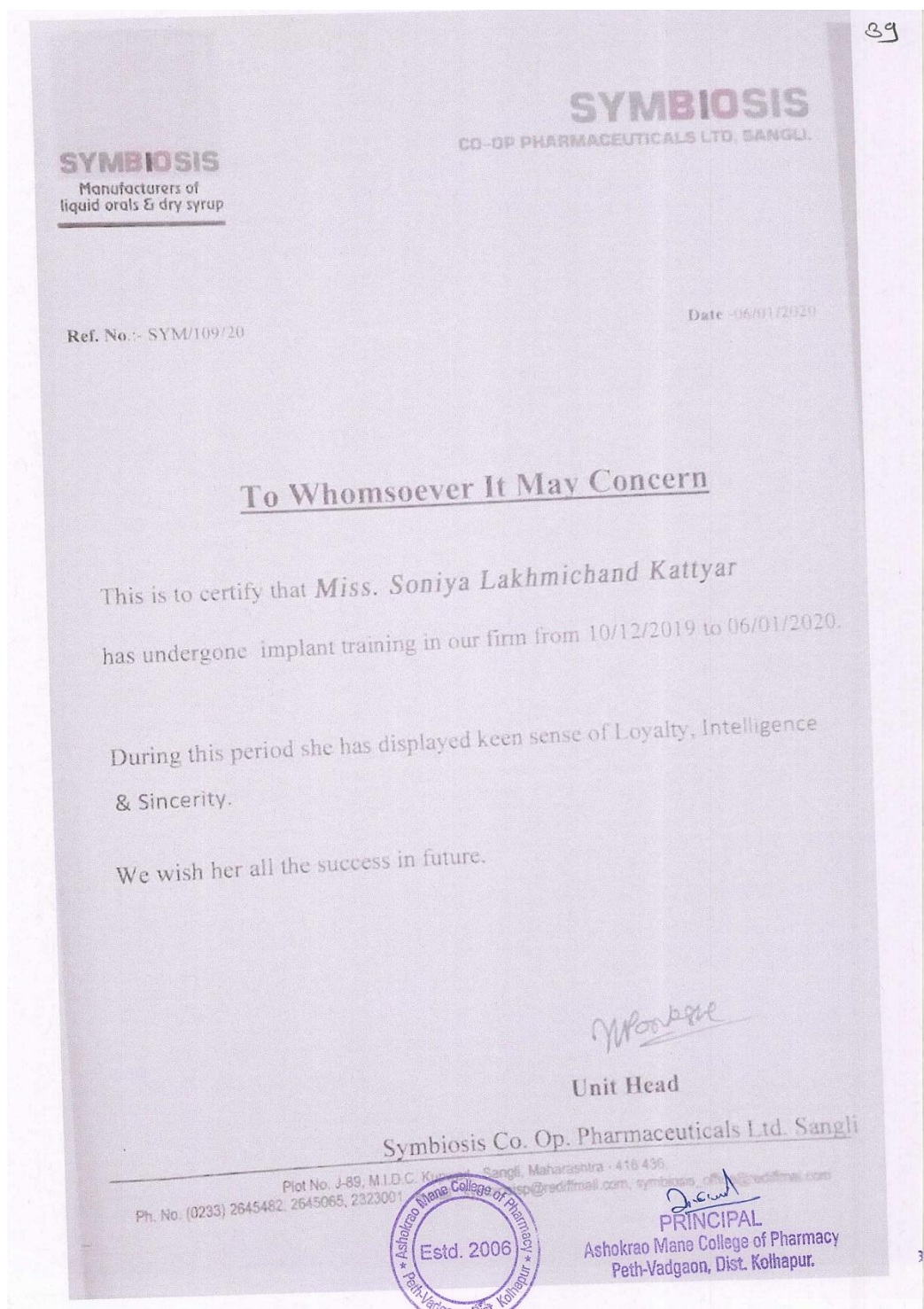


*Dr. S. S. S. S.*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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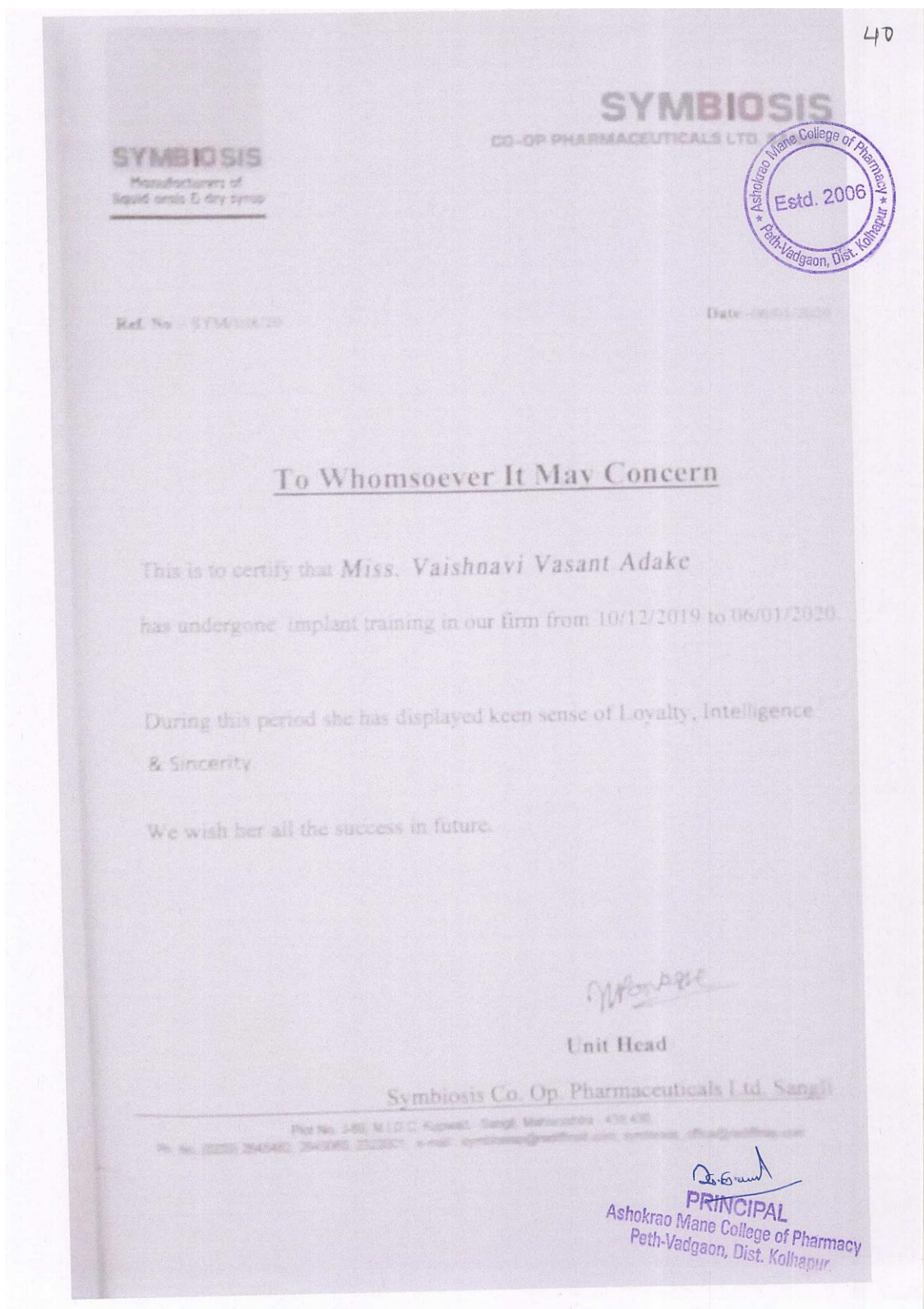
Activities conducted under the MoU of Symbiosis Co-operative Pharmaceutical Ltd., Sangli.



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Activities conducted under the MoU of Rubicon Skill Development Pvt. Ltd. Mumbai.



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*Dr. B. S. ...*

**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Activities conducted under the MoU of Lecuris Pharmaceuticals Pvt. Ltd. Kolhapur.

44

Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**  
 Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra,  
 Affiliated to Shivaji University, Kolhapur  
 Estd. 2006 | Founder President: LATE SHRI. ASHOKRAO MANE  
 Principal: DR. S. S. PATIL | President: SHRI. VIJAYSINH MANE

---

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112  
 Web: www.amcoph.org | Phone: 0230-2471360/61 | E mail: copbpharm@gmail.com

---

Name of Committee: SEMINAR/WORKSHOP Date: 10/01/2019

**CIRCULAR / NOTICE**

<b>To</b>	<b>ALL THE GIRL STUNEDENTS OF FIRST TO FINAL YEAR BPHARM AND MPHARM</b>
<b>Subject</b>	<b>ONE DAY SEMINAR</b>
<p>All the Girl Students Of First To Final Year Bpharm And Mpharm are hereby informed that, we are arranging a One Day Seminar on "Polycystic Ovarian Syndrome (PCOS)" on Saturday 19<sup>th</sup> January 2019(10.00am).</p> <p>Kindly take note of the same.</p>	
<b>Prepared By</b>	<b>Approved By</b>
Miss. S. V. Sutar	<b>Dr. S. S. Patil</b> <b>PRINCIPAL</b> Ashokrao Mane College of Pharmacy Peth - Vadgaon, Dist. Kolhapur.

**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 437/2018-19

Date: 19 JAN 2019

To,  
 Dr. Pramod Bhoi  
 Aradhya Maternity Home,  
 Peth- Vadgaon.

**LETTER OF APPRECIATION**

Dear Sir,

On behalf of Management and Principal of Ashokrao Mane College of Pharmacy, Peth-Vadgaon we are exceedingly pleased for accepting our invitation and conducting a guest lecture on the topic 'Polycystic Ovarian Syndrome'.

Thank you for such an enthusiastic execution and explanation of the topic and guiding the students about the "Polycystic Ovarian Syndrome". I hope to receive similar cooperation from you in future.

Thanking you,

Yours Truly,

*Dr. S. S. Patil*  
 Dr. S. S. Patil  
 PRINCIPAL

Ashokrao Mane College of Pharmacy  
 Peth - Vadgaon, Dist. Kolhapur.

*Dr. S. S. Patil*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

*Received*  
*m k h*

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

## ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 438/2018-19

Date: 19 JAN 2019

To,  
Dr. Pallavi Bhoi  
Aradhya Dental Clinic,  
Peth- Vadgaon.

### LETTER OF APPRECIATION

Dear Sir,

On behalf of Management and Principal of Ashokrao Mane College of Pharmacy, Peth-Vadgaon we are exceedingly pleased for accepting our invitation and conducting a free **Dental Check up** camp.

Thank you for such an enthusiastic execution and guiding the students about the Dental Health. I hope to receive similar cooperation from you in future.

Thanking you,

Yours Truly,

Dr. S. S. Patil  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth - Vadgaon, Dist. Kolhapur.

PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

Received

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Balasaheb Mane Shikshan Prasarak Mandal Ambap  
Ashokrao Mane College of Pharmacy, Peth-Vadgaon

Seminar on  
“Polycystic Ovarian Syndrome” (PCOS)  
Attendance Sheet Date-19/01/2019

Sr. No.	Name of the Students	Class	Signature
1.	Takwal Deena laxman	3rd year B. Pharm	[Signature]
2.	Wharamble jyoti sambhaji	2nd year B. pharm	[Signature]
3.	Kumbhar Jyoti maruti	2nd year B. pharm	[Signature]
4.	Kumbhar Vaishnavi Bhagavat	3rd year B. Pharm	[Signature]
5.	Shamli Babasaheb Nagare	3rd year B. Pharm	[Signature]
6.	Dhanashri Vilas Patil	3rd year B. Pharm	[Signature]
7.	Deepthi Dattatray fere	3rd yr. B. Pharm	[Signature]
8.	Rutuja Rajendra Lad	3rd yr. B. Pharm	[Signature]
9.	Dipali Hiratal Soubant	—	[Signature]
10.	Kaishma Patil	—	[Signature]
11.	Lahamate komal Suresh	—	[Signature]
12.	Gaikwad Dipali Ramchandra	—	[Signature]
13.	Kharde Snehal Bhukaji	—	[Signature]
14.	Ketkale Sneha Balasaheb	—	[Signature]
15.	Kadam Tejpal Deepak	Final Year B. Pharm	[Signature]
16.	Majekar Komal Dilip	Final Year B. Pharm	[Signature]
17.	Patil Ashatai Bhagvan	Final Year B. Pharm	[Signature]
18.	Patil Supriya Rajendra	Final Year B. Pharm	[Signature]
19.	Misajkar Supriya Santosh	First Year B. Pharm	[Signature]
20.	Sawant Pratik Chandrakant	First Year B. Pharm	[Signature]
21.	Name snehal Sanjay	—	[Signature]
22.	Saushdi Panchurang kumbhar	—	[Signature]
23.	Mane Neha Ramesh	Final Year B. Pharm	[Signature]
24.	Patil shital Haniprasad	—	[Signature]
25.	Maqsum Aishwarya vikas	First year B. Pharm	[Signature]
26.	kumbhar Saraswati krishna	First year B. Pharm	[Signature]
27.	Belekar Gayatri Taruni	3rd year B. Pharm	[Signature]
28.	Aldar Trupti Rajaram	3rd year B. Pharm	[Signature]
29.	Kamble Sushil Bajirao	3rd year B. Pharm	[Signature]
30.	Chougale Shruti Prakash.	T. Y. B. Pharm	[Signature]
31.	Walle Akshada Gunling	T. Y. B. Pharm	[Signature]
32.	Shendage Saranjali Keshav	T. Y. B. Pharm	[Signature]
33.	Zene Sapna Rajendra	T. Y. B. Pharm	[Signature]
34.	Khot Majuri Sarjendra	T. Y. B. Pharm	[Signature]
35.	Gavalkar Ravinant	Final year	[Signature]
36.	Chavhan Prati	T. Y. B. Pharm	[Signature]
37.	Anchanjali Vitthal Chakradhar	Final year	[Signature]
38.	Shweta Jalindar Dhymal	Final year	[Signature]
39.	Pallavi Kakasa Jankar	2nd year	[Signature]
40.	Aishwarya Karlekar	2nd year	[Signature]
41.	Rajnandini Dhale	2nd year	[Signature]
42.	Komal pawar.	2nd year.	[Signature]

PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Polycystic Ovarian Syndrome (PCOS)  
Attendance sheet

Sr. No.	Name of the Students	Class	Signature
43	Shivani Vinod Choudhari	First year B.Pharm	[Signature]
44	Nilam Babaji Gurav	— " —	[Signature]
45	Akanksha Usay Ingawale	— " —	[Signature]
46	Rasika Ravindra Bhute	— " —	[Signature]
47	Sankana Dayanand Jadhav	— " —	[Signature]
48	Niyati Digambar Dalvi	— " —	[Signature]
49	Apurva purnolik patil	— " —	[Signature]
50	Rutuja vilas Nalawade	— " —	[Signature]
51	Samaradny Bahant Patil	— " —	[Signature]
52	Prerana Rajkumar Teli	Second year	[Signature]
53	Ashwini machhindra parooe	— " —	[Signature]
54	Priyanka Ravindra Ingale	Final year B.Pharm	[Signature]
55	Shama Bhagavan Mali	3 <sup>rd</sup> year	[Signature]
56	Asmita Janardhan Gaikwad	— " —	[Signature]
57	Siddhi T. Khandelwal	Final Year B.Pharm	[Signature]
58	Pratiksha S. Teli	first year	[Signature]
59	Pranjala S. Satpute	second year	[Signature]
60	Patil Kanchan Suresh	second year	[Signature]
61	Chougale Rasika Pratiksh	Third year	[Signature]
62	Moshe Venu'shnav Ravind	Third year	[Signature]
63	Rutuja Balasaheb Gadade	Third year	[Signature]
64	Patil Nikita Shivaji	Final year	[Signature]
65	Shinde snehankita Rajkumar	Third year	[Signature]
66	Patil Pallavi Khandu	Third year	[Signature]
67	shradha R. Ingawale	First Year	[Signature]
68	Aditi C. Chougale	First Year	[Signature]
69	Patil Pratiksha sunil	Second year	[Signature]
70	Patil Pranali Vinod	second year	[Signature]
71	Alatekar zoya Riyaz	second year	[Signature]
72	Shrman Jyawan	second year	[Signature]

[Signature]  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth Vadgaon, Dist. Kolhapur.

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**Activities conducted under the MoU of Bharati Vidyapeeth College of Pharmacy,  
Kolhapur.**

‘Sharing of Human Resources’ activity for the academic year 2021-22

**Approved expert appointments for Sharing of Human Resources activity at your college**

Sr No	Name of faculty with designation	Name of College	Topics		Area of expertise	Allotted College
			UG	PG		
1)	Dr. Javeed Y Manure Asst. Prof.	ABCP, Sangli	IR Spectroscopy	--	Modern Techniques of Analysis	ADCP, Ashta
2)	Shri. Sachin G Lokapure Asst. Prof.		--	Intellectual Property Rights	Patent drafting, patent act, patent prosecution and granting procedure	ADCP, Ashta
3)	Smt. Pradnya P. Wadekar (Asst. Professor)		Role of free radicals in different diseases.		Role of free radicals in different diseases.	ADCP, Ashta
4)	Dr. Smt. P. L. Ladda		Therapeutic Drug monitoring	Recombinant DNA Technology	Pharmacology, Molecular Biology	DSKCP, Digraj
5)	Dr. Smt. T. S. Shikalgar		Congestive Cardiac failure	Acute and Chronic toxicity studies	Pharmacology, Toxicology	DSKCP, Digraj
6)	Dr. Smt. Preeti G. Karade Assistant Prof.		Flow of fluids, Heat Transfer	--	Pharmaceutical Engineering	DSKCP, Digraj
7)	Dr. Jagtap R. S. Associate Professor	ADCP, Ashta	<b>Subject:</b> Pharmaceutical Biotechnology Semester-VI <b>Topics:</b> Fermentation methods and general requirements, study of media, equipments, sterilization methods, aeration process, stirring Recombinant DNA technology. Application of genetic engineering in medicine	----	Pharmaceutics	ABCP, Sangli
8)	Dr. Tamboli E. T. Associate Professor		<b>Subject:</b> Pharmacognosy and phytochemistry-1 Semester IV <b>Topics:</b> Plant tissue culture: Historical development of plant tissue culture, Nutritional requirements, growth and their maintenance.	----	Pharmacognosy and phytochemistry	ABCP, Sangli
9)	Mr. Pattekari S. N.		<b>Subject:</b>	----	Pharmaceutics	ABCP, Sangli

Principal  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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	Assistant Professor		Physical Pharmaceutics-II Semester IV <b>Topics:</b> Micromeritics, Rheology, Colloidal dispersions, Coarse dispersions, Drug Stability			
10)	Mr. Honmane S. M. Assistant Professor		<b>Subject:</b> Physical Pharmaceutics-II Semester IV <b>Topics:</b> Solubility and Solutions, Surfactant: Micellization, CMC, Adsorption Isotherm, Dispersed System, Drug Stability: Accelerated Stability study	Preformulation, Drug Discovery and Development	Pharmaceutics	DSKCP, Digraj
11)	Ms. Jadhav P. H. Assistant Professor		<b>Subject:</b> Pharmaceutical Analysis-I Semester I <b>Topic:</b> Fundamentals of acid-base titrations	---	Pharmaceutical Chemistry	DSKCP, Digraj
12)	Mr. Mote G. D. Assistant Professor		<b>Subject:</b> Pharmaceutical Organic Chemistry-III Semester- IV <b>Topics:</b> Optical Isomerism Geometrical Isomerism	---	Pharmaceutical Chemistry	DSKCP, Digraj
13)	Dr. Neha V. Bhilare Associate Professor Department of Pharmaceutical Chemistry		1. Impurities in Pharmaceutical Substances 2. Buffers in pharmaceutical systems and methods of adjusting isotonicity 3. Radiopharmaceuticals 4. Gastrointestinal agents		Prodrug Design and Bioanalytical method development	GCOP, Karad
14)	Ms. Pallavi L. Salve Assistant Professor	AGCOP, Jaitapur	First Year B. Pharm. Sem - I Pharmaceutical Inorganic Chemistry (TH) <b>Topics –</b> 1. Major extra and intracellular electrolytes. 2. Antimicrobial agents. First Year B. Pharm. Sem -II Biochemistry (III) <b>Topics –</b>	--	Teaching Pharmaceutical inorganic chemistry, Biochemistry, Instrumental methods analysis with modern pedagogical tools and techniques.	GCOP, Karad



*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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			1. Carbohydrate metabolism Glycolysis – Pathway, energetics and significance 2. Citric acid cycle- Pathway, energetics and significance 3. Lipid metabolism $\beta$ -Oxidation of saturated fatty acid (Palmitic acid)			
15)	Mr. Vinayak S. Marulkar		1. Titrimetric monograph assay methods with comparison of different analytical techniques 2. Electrochemical Methods: Fundamentals, Pharmacopoeial assays and applications		Pharmaceutical drug analysis and analytical method development, Drug design and development, Herbal drug development.	GCOP, Karad
16)	Dr. ANAND P. GADAD PROFESSOR DEPT. OF PHARMACEUTICS		PHARMACEUTICS I		INCOMPATIBILITY	BVCP, Kolhapur
17)	Mr. P. B. Patil Assistant Professor		Polarography, Acid base titration		Pharmaceutical Chemistry, Pharmaceutical Analysis	BVCP, Kolhapur
18)	Mrs. Pranali Pradeep Patil Assistant professor	AMCP, Pethvadgaon	Impurities in Pharmaceutical analysis	--	Analytical Chemistry Stress degradation study Standardization of Herbal formulation Pharmaceutical Inorganic Chemistry	BVCP, Kolhapur
19)	Dr. Pravin Subhash Patil			Gastro-Retentive Drug Delivery Systems	NDDS	VPIOP, Kodoli
20)	Ms. Sarika Suryawanshi		Dosage forms and prescription		Dosage form development	VPIOP, Kodoli
21)	Dr. Udugade Babaso Vitthal (Associate Professor)		Biochemistry: Nucleic acid metabolism and genetic information transfer	-	Analytical Chemistry Medicinal Chemistry	VPIOP, Kodoli
22)	Dr. Dipak P. Mali Assist. Professor	BVCP, Kolhapur	1. Effect of substituents on reactivity and orientation of mono substituted benzene during electrophilic substitution reaction 2. DNA/RNA biosynthesis	Quality risk management	Organic Chemistry Biochemistry Quality Management System	TKCP, Warana



*(Signature)*  
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Peth-Vadgaon, Dist. Kolhapur.

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23)	Dr. N. R. Jadhav Professor and HOD of Pharmaceutics		Fundamentals of novel drug delivery systems	Design of novel drug delivery systems	Novel formulation design	TKCP, Warana
24)	Mr. Ravindra J Jarag Associate Professor		Pharmacovigilance Clinical Pharmacy Role of Pharmacist in Pharmacy Practice	Preclinical and toxicological testing of drugs Applications of Physiograph (Biopac-Mp-35 and Powerlab) Formulation and Invitro/In vivo evaluation of herbal/synthetic drugs	Clinical Research Phytopharmacovigilance Insilicopharmacology	TKCP, Warana
25)	Dr. Mrs. N. M. Bhatia Professor		cGMP, GLP, Validation, Regulatory agencies. Document maintenance in pharmaceutical industry Antineoplastics Prodrugs	General research methodology ICH Guidelines GLP eGMP Equipment/Instrument validation Method validation Cleaning Validation Pharmaceutical Quality Management Process Validation	Pharmaceutical Analysis Drug discovery	AMCP, Pethvadgaon
26)	Dr. P. B. Choudhari Assistant Professor		Computational Tools in Drug design and Discovery	Computational Tools in Drug design and Discovery	Drug Design	AMCP, Pethvadgaon
27)	Dr. D. A. Bhagwat Assistant Professor		1) Pharmaceutics (F. Y. B. Pharm. Sem-I) Topic: Suppositories 2) Industrial Pharmacy-I (T. Y. B. Pharm. Sem-V) Topic: Tablet Dosage Form	1) Modern Pharmaceutics (F. Y. M. Pharm. Sem-I) Topic: Preformulation Concept 2) Molecular Pharmaceutics (F. Y. M. Pharm. Sem-II) Topic: Micro Capsules/ Micro Spheres	Pharmaceutics, Industrial Pharmacy	AMCP, Pethvadgaon
28)	Mr. Pankaj Ashok Jadhav	DSKCP, Digranj	Pharmaceutical Dosage Forms Design		Pharmaceutical Dosage Forms	ABCP, Sangli



*(Signature)*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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29)	Mr. Shankar Jaiprakash Joshi, Assistant Professor		Cardiac Arrhythmias and their Management	Cellular and Molecular Pharmacology – Gene Expression and Gene Regulation	Physiology, Pathophysiology and Pharmacology	ABCP, Sangli	
30)	Dr. V. R. Aralelimath Principal & Professor	SSCOP, Ghogaon	Pharmacology -III Sem VI		Chemotherapy	RCP, Kasegaon	
31)	Dr. A. V. Belvotagi Professor		POC-III Sem IV AIT Sem VIII		Stereochemistry Hyphenated techniques	RCP, Kasegaon	
32)	Dr. J. S. Mulla Asso. Prof.		Research Methodology DDS	Research Methodology DDS	Literature Search	RCP, Kasegaon	
33)	Mr. P. D. Lade Assistant Professor		QA Sem VI		Calibration and validation of equipments	AGCOP, Jaitapur	
34)	Mr. M. N. Urade Assistant Professor		Pharmacology -III Sem VI		Antilucer agents Basics of Pharmacokinetics	AGCOP, Jaitapur	
35)	Mr. A. M. Kadam Assistant Professor		Pharmacy Practice Sem VII		Clinical Pharmacy Drug Information Pharmaceutical Care	AGCOP, Jaitapur	
36)	Ms. Supriya Patil	VPJOP, Kodoli	Stains and staining tech		Solubility enhancement of poorly water soluble drugs	TKCP, Warana	
37)	Mr. A. A. Deshmukh		The changing nature of biomedical research-animal alternative		Preclinical research	TKCP, Warana	
38)	Dr. Suresh G. Killedar Principal	SGMCOP, Mahagaon	Nutraceuticals and dietary supplements: A new avenue for pharma graduates	Phytochemical Investigations: Opportunities, Challenges and Future perspectives	Phytochemical investigations Herbal/Ayurvedic drug formulations Herbal NDDS Nutraceuticals	SCOP, Kolhapur	
39)	Ms. Archana Dhole	RCP, Kasegaon		ICH guideline or CTD and eCTD	QA	AMCP, Pethvadgaon	
40)	Dr. I. D. Raut		Basic understanding on pharmaceutical monophasic liquid dosage forms			NDDS, Nanotech., Particle engg.	AMCP, Pethvadgaon
41)	Mr. D. S. Gumate		Cardiovascular system			Anatomy and physiology	AMCP, Pethvadgaon
42)	Dr. D. S. Randive				Herbal nanoformulations	Formulation development and evaluation	SSCOP, Ghogaon



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 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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43)	Dr. Mangesh Anil Bhutkar Assistant Professor	TKCP, Warananagar	Absorption and Distribution Marketing Pharmaceutical market Product decision Regulatory requirements for drug approval	Drug Absorption from the Gastrointestinal Tract Biopharmaceutic considerations in drug product design and In Vitro Drug Product Performance Transdermal Drug Delivery Systems Computational Modeling of Drug Disposition Regulatory requirements for drug approval	Formulation Development, Biopharmaceutics, NDDS	SSCOP, Ghogaon
44)	Dr. S. R. Kane Assistant Professor		IMA- HPLC		Pharm. Chem.	SSCOP, Ghogaon
45)	Dr A S Manjappa Assistant Professor			Micellar Drugs.	Novel Drug Delivery System	APC, Kale
46)	Dr. A. S. Sherikar Assistant Professor		NMR Spectroscopy		Mass Spectroscopy	APC, Kale
47)	Mr P S Kumbhar		Pharmaceutical Biotechnology		Hybridoma Technology	APC, Kale
48)	Dr. R. S. Bagali Principal		Chronopharmacology and Cardiovascular system	Screening methods of hypoglycemic drugs	Pharmacological Screening tech.	SGMCOP, Mahagaon
49)	Mr. Utkarsh V. Nagvekar Assistant Professor		SCOP, Kolhapur	Basics of anticancer agents Practical aspects in TLC and Column chromatography		Pharm Chem and PA. SGMCOP, Mahagaon



Dr. D. T. Gaikwad  
Secretary,  
Lead College Working Committee

Dr. H. N. More  
Chairman,  
Lead College Working Committee

PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur (MS) Phone: (02-26241100) Fax: 0230 2471361, E-mail: [ashokrao@ashokrao.edu.in](mailto:ashokrao@ashokrao.edu.in)  
Ref No: \_\_\_\_\_ Date: 11/03/2022

**ATTENDANCE CERTIFICATE**

This is to certify that Dr. Mrs. N. M. Bhatia, Professor Bharati Vidyapeeth College of Pharmacy, Kolhapur has delivered a lecture on topic **“Basic concepts of Quality Assurance and cGMP”** in our college on Friday 11/03/2022 as an expert in ‘Sharing of Human Resources’ activity for the academic year 2021-22, under Lead College Scheme of Shivaji University, Kolhapur to PG students.

Thank you for conducting the session.

Date-11/03/2022  
Place- PethVadgaon

Recvd.  
MS  
11/03/2022

Dr. S V Patil  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur

PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.





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Ashokrao Mane Shiksha Prasarak Mandal, Ashokrao Mane College of Pharmacy, Peth Vadgaon  
 Organizes  
 Sharing of Human Resources' activity for the academic year 2021-22  
 Under Lead College Scheme of Shivaji University, Kolhapur  
 Guest Lecture  
 of  
**Dr. Mrs. N. M. Bhatia**  
 Professor, BVCP, Kolhapur  
 On  
**"Basic concepts of Quality Assurance and cGMP "**

Day & Date: Friday, Date-11/03/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating.  
 [Tick in appropriate Box].

	Excellent	Good	Average	Poor
a. Topic of lecture	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the Lecture:

*It was very versatile lecture on Quality Assurance, and his the importance of QA in the field of pharma profession.*

Any other comments (if any):

*The Event was Good and Happy to attend such Good and informative Session.*

Name of student: *Rushikesh Bharat Jadhav.*

Class: *S.Y.M.pharm.*

*[Signature]*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy,  
 Peth-Vadgaon, Dist. Kolhapur.

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Peth Vadgaon, Dist. Kolhapur (MS) Phone: (0230) 2471360 / Fax 0230-2471361, Email: ashokrao@ashokrao.com  
Ref No: / / Date: 11/03/2022

**ATTENDANCE CERTIFICATE**

This is to certify that Dr. P. B. Choudhari, Asst. Professor Bharati Vidyapeeth College of Pharmacy, Kolhapur has delivered a lecture on topic “**Computational tools in Pharmaceutical research**” in our college on Friday 11/03/2022 as an expert in ‘Sharing of Human Resources’ activity for the academic year 2021-22, under Lead College Scheme of Shivaji University, Kolhapur to PG students.

Thank you for conducting the session.

Date-11/03/2022  
Place- PethVadgaon

Recd  
/

*Dr. S V Patil*  
Dr. S V Patil  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur

*Dr. S V Patil*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
Ashokrao Mane College of Pharmacy, Peth Vadgaon  
Organizes

'Sharing of Human Resources' activity for the academic year 2021-22  
Under Lead College Scheme of Shivaji University, Kolhapur

Guest Lecture

or

Dr. P. B. Choudhari

Asst. Professor, BVCP, Kolhapur

On

"Computational tools in Pharmaceutical research"

Day & Date: Friday, 11/03/2022

Sr.No.	Name of Student	Class	Signature
1)	Pavan Mahanteshwar kampa	T.Y. B. Pharm	<i>Pavan</i>
2)	Shrishail Isanna Gobbur	T.Y. B. Pharm	<i>Shrishail</i>
3)	Sangram Bhikaji Mane	— u —	<i>Sangram</i>
4)	ojas mukund mokashi	— u —	<i>Ojas</i>
5)	Aditya Raghunath Fule	T.Y. B. Pharm	<i>Aditya</i>
6)	Yogesh Vaman Misal	T.Y. B. Pharm	<i>Yogesh</i>
7)	Jayendra Dipak Dhenge	— II —	<i>Jayendra</i>
8)	Menkudale Prasad sudhir	— II —	<i>Prasad</i>
9)	Dahiphale Shrikant Bhaktram	— II —	<i>Shrikant</i>
10)	Somesh Pradeep Kamble	T.Y. B. Pharm	<i>Somesh</i>
11)	Omkar Babarao Chougale	T.Y. B. Pharm	<i>Omkar</i>
12)	Shrikant Chandrakunt Babar	T. T.	<i>S. Prasad</i>
13)	Kajal Suresh Bansode	T.Y.	<i>Bansode</i>
14)	Soundarya Parmanand Koot	T.Y.	<i>Soundarya</i>
15)	Saniya Rasul Mahabri	T.Y.	<i>Saniya</i>
16)	Priyanka Bhimrao Khatemate	T.Y.	<i>Priyanka</i>
17)	Tanvi Nilesh Langade	T.Y.	<i>Tanvi</i>
18)	Priti Manuti Khatangale	T.Y.	<i>Priti</i>
19)	Sneha Pandurang Kamble	T.Y.	<i>Sneha</i>
20)	Masoom Javed Momin	T.Y.	<i>Masoom</i>
21)	Pragati Laxman Berad	T.Y.	<i>Pragati</i>
22)	Akanksha Sunil		<i>Akanksha</i>

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Shri. B. S. Patil, Prasarak Mandat, Ashokrao Mane College of Pharmacy, Peth Vadgaon, Dist. Kolhapur Organizes

Sharing of Human Resources' activity for the academic year 2021-22\*  
Under Lead College Scheme of Shivaji University, Kolhapur  
Guest Lecture

OF  
**Dr. P. B. Choudhari**

Asst. Professor, BVCP, Kolhapur

On

**"Computational tools in Pharmaceutical research"**

Day & Date: Friday, 11/03/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you

Please comment on aspects of session using the following rating.  
[Tick in appropriate Box].

	Excellent	Good	Average	Poor
a. Topic of lecture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TYB Pharm

Please express your opinion about the Lecture:

.....  
.....  
.....

*Dr. B. S. Patil*  
**PRINCIPAL**

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

Any other comments (if any):

.....

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Ashokrao Mane College of Pharmacy  
Peth Vadgaon, Dist. Kolhapur

Phone: (0230)2471360 / Fax: 0230-2471361 / Email: copbpharm@gmail.com

Date: 11/03/2022

### ATTENDANCE CERTIFICATE

This is to certify that Dr. D. A. Bhagwat, Asst. Professor Bharati Vidyapeeth College of Pharmacy, Kolhapur has delivered a lecture on topic **“Basics to processing technologies”** in our college on Friday 11/03/2022 as an expert in ‘Sharing of Human Resources’ activity for the academic year 2021-22, under Lead College Scheme of Shivaji University, Kolhapur to PG students.

Thank you for conducting the session.

Date-11/03/2022

Place- Peth Vadgaon

Dr. S V Patil  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

Received,  
Dr. D. A. Bhagwat  
11/03/22

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Ashokrao Mane College of Pharmacy, Peth-Vadgaon  
 Organizes  
 'Sharing of Human Resources' activity for the academic year 2021-22'  
 Under Lead College Scheme of Shivaji University, Kolhapur

Guest Lecture  
 OF  
**Dr. D. A. Bhagwat**  
 Asst. Professor, BVCP, Kolhapur

Pharmaceutics, Tablets "Basics to processing technologies"

Day & Date: Friday, 11/03/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating  
 [Tick in appropriate Box].

	Excellent	Good	Average	Poor
a. Topic of lecture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the Lecture:

Helpful and knowledgeable session.

Any other comments (if any):

Name of student: Anika Suresh Patil.

Class: T.Y. Bpharm.

*D. S. Patil*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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*D. S. Bhand*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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**BHARATI VIDYAPEETH  
COLLEGE OF PHARMACY, KOLHAPUR**



Ranked 62<sup>nd</sup> in India by NIRF, MHRD, New Delhi  
Approved by AICTE and PCI, New Delhi  
Permanently Affiliated to Shivaji University, Kolhapur & included in list under Sect: 2 (F) & 12 (B) of UGC Act, 1956  
B. Pharm. Course Re-accredited by NBA, New Delhi  
Lead College-Shivaji University, Kolhapur  
Near Chitranagari, Kolhapur-416013 (MS)

FOUNDER & CHANCELLOR  
**Dr. Patangrao Kadam**  
M. A. L.L.B. Ph. D.

PRINCIPAL  
**Dr. H. N. More**  
M. Pharm. Ph.D.

BV/CPK/ SHR-Lead College-121 /2021-2022

Date: 28/02/2022

To,  
The Principal,  
Ashokrao Mane College of Pharmacy, Pethvadgaon

Sub: Appointment of experts to conduct Sharing of Human Resources activity under lead college scheme of Shivaji University, Kolhapur.

Dear Sir/Madam,

With reference to the subject cited above, please find the list of experts from your institute to conduct Sharing of Human Resources activity as per the schedule given below. You are therefore requested to make necessary arrangement and cooperation for the smooth conduction of the activity.

Allotted Centre	Faculty/expert name	Date	Class	Area of Expertise
Bharati Vidyapeeth College of Pharmacy, Kolhapur	Dr. Anand P. Gadad	02 to 15 March 2022	UG/PG	Incompatibility
	Mr. P. B. Patil			Pharmaceutical Chemistry, Pharmaceutical Analysis
	Mrs. Pranali Pradeep Patil			Analytical Chemistry Stress degradation study Standardization of Herbal formulation Pharmaceutical Inorganic Chemistry
Vasantidevi Patil Institute of Pharmacy, Kodoli	Dr. Pravin Subhash Patil			NDDS
	Ms. Sarika Suryawanshi			Dosage form development
	Dr. Udugade Babaso Vitthal			Analytical Chemistry Medicinal Chemistry

Kindly requesting you to relieve the above-mentioned faculty of your college.

- Note:** 1) Concerned expert should confirm the time, date schedule and topic from respective allotted centre.  
2) Expert should collect the attendance certificate from respective college after completion of the lecture. It is mandatory to conduct the activity before 15<sup>th</sup> March 2022.  
3) Expert will be given minimum Rs. 1000/- remuneration from the respective allotted college.  
4) Honorarium amount of Rs. 1000/- per expert will be paid from Lead college for one session which will not be less than two hours **only after submission** of detail report consisting scanned copy of **attendance certificate** and **honorarium voucher** (signed scanned copy) from each expert to lead college email.

Regards,

**Dr. D. T. Gaikwad**  
Secretary,  
Lead College Working Committee

**Dr. H. N. More**  
Chairman,  
Lead College Working Committee

Enclosed: Honorarium voucher/ Receipt




Web: <http://copkolhapur.bharativedyapeeth.edu>E-mail: [bvcpk@rediffmail.com](mailto:bvcpk@rediffmail.com)

**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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**BHARATI VIDYAPEETH  
COLLEGE OF PHARMACY, KOLHAPUR**

Courses: D.Pharm, B. Pharm, M. Pharm, Ph.D, DTE College Code No. - 6256  
(Approved by A.I.C.T.E., P.C.I., New Delhi)  
Affiliated to MSBTE, Mumbai. Permanently Affiliated to Shivaji University, Kolhapur & included in list under Sect 2(F) & 12(B) of UGC Act, 1956  
B.Pharm. Course reaccredited by NBA, New Delhi

LEAD COLLEGE, SHIVAJI UNIVERSITY, KOLHAPUR, NIRF INDIA RANKING 2021-19  
Near Chitranagari, Kolhapur - 416013 (MS) Tel. (0231) 2637286, 2638392, Fax : 2638833

Founder  
Dr. Patangrao Kadam  
M.A., LL.B., Ph.D.

Principal  
Dr. H.N. More  
M.Pharm., Ph.D.

Ref. No. : BV/CPK / 747 / 2021-2022 Date 15/03/2022

To,  
**Mr. Pramood. B. Patil**  
Assistant Professor,  
AMCP, Pethvadgaon.

Dear Sir,


We at Bharati Vidyapeeth College of Pharmacy, Kolhapur organized Shivaji University, Kolhapur sponsored 'Human Resources activity' under lead college scheme, lecture on '**IR Spectroscopy**' (T. Y. B. Pharm students) on Tuesday, 15<sup>th</sup> March, 2022.

We heartily thank you for your special presence as a resource person.


We appreciate the time you took out of your busy schedule to join us and thank you for sharing your insights and expertise on this topic to students.

We expect your kind co-operation and support in future also.

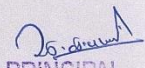
We once again thank you for your valuable talk.



**Mr. V.H. Thorat**  
Event Co-ordinator



**Dr. H.N. More**  
PRINCIPAL  
Bharati Vidyapeeth  
College of Pharmacy, Kolhapur







**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

REDMI NOTE 10 PRO | PRAMODRAJE

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**BHARATI VIDYAPEETH  
COLLEGE OF PHARMACY, KOLHAPUR**

Courses: D.Pharm, B. Pharm, M. Pharm, Ph.D, DTE College Code No. 6256  
(Approved by A.I.C.T.E., P.C.I., New Delhi)

Affiliated to MSBTE Mumbai, Permanently Affiliated to Shivaji University, Kolhapur & Included in list under Sec: 2(F) & 12(B) of UGC Act, 1956  
B.Pharm. Course re accredited by NBA, New Delhi

LEAD COLLEGE, SHIVAJI UNIVERSITY, KOLHAPUR, NIRF INDIA RANKING 2021:49  
Near Chitranagari, Kolhapur - 416013 (MS) Tel. (0231) 2637286, 2638392, Fax : 2638833

: Founder : **Dr. Patangrao Kadam**  
M.A., LL.B., Ph.D.

: Principal : **Dr. H.N. MORE**  
M.Pharm., Ph.D.

Ref. No. : BV/CPK / 729 / 2022 / 2022

Date : 10/03/2022

To,  
**Dr. Anand P. Gadad**  
Professor,  
Dept. of Pharmaceutics,  
AMCP, Pethvadgaon.

Dear Sir,


We at Bharati Vidyapeeth College of Pharmacy, Kolhapur organized Shivaji University, Kolhapur sponsored 'Human Resources activity' under lead college scheme, lecture on 'Prescription Incompatibility' (F. Y. B. Pharm students) on **Thursday, 10<sup>th</sup> March, 2022**.

We heartily thank you for your special presence as a resource person.


We appreciate the time you took out of your busy schedule to join us and thank you for sharing your insights and expertise on this topic to students.

We expect your kind co-operation and support in future also.

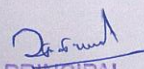
We once again thank you for your valuable talk.



**Mr. V. H. Thorat**  
Event Co-ordinator



**Dr. H.N. More**  
PRINCIPAL  
Bharati Vidyapeeth  
College of Pharmacy, Kolhapur



**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.





Web : <http://cpkolhapur@bharatividyaapeeth.edu>

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**BHARATI VIDYAPEETH**  
**COLLEGE OF PHARMACY, KOLHAPUR**

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 MA, LL B, Ph.D

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 (Approved by A.I.C.T.E., P.C.I., New Delhi)  
Affiliated to MSBTE Mumbai, Permanently Affiliated to Shivaji University, Kolhapur & Included in list under Sect 2(F) & 12(B) of UGC Act, 1956  
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Ref. No. : BV/CPK / 222 / 2022 / - 20 22

Date 10/05/2022

**To,**  
**Mrs. Pranali Pradeep Patil**  
 Assistant Professor,  
 AMCP, Pethvadgaon.

Dear Sir,


We at Bharati Vidyapeeth College of Pharmacy, Kolhapur organized Shivaji University, Kolhapur sponsored 'Human Resources activity' under lead college scheme, lecture on 'Impurities in Pharmaceutical analysis' (S. Y. B. Pharm students) on Thursday, 10<sup>th</sup> March, 2022.


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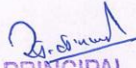
We appreciate the time you took out of your busy schedule to join us and thank you for sharing your insights and expertise on this topic to students.

We expect your kind co-operation and support in future also.

We once again thank you for your valuable talk.

  
**Mr. V. H. Thorat**  
 Event Co-ordinator

  
**Dr. H. N. More**  
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**Current Pharma Research**

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**Research Article****Design and development of aliphatic amino acid-cholesterol biomolecular scaffold as anticancer conjugates.**

Mayuresh Shinde<sup>1\*</sup>, Shitalkumar Patil<sup>2</sup>, Manish Bhatia<sup>3</sup>, Dhanashri Patil<sup>4</sup>, Sanjay Mishra<sup>4</sup>

<sup>1</sup>Department of Pharmaceutical Chemistry, Tatyasaheb Kore College of Pharmacy, Warananagar, 416113, Maharashtra, India.

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<sup>3</sup>Department of Pharmaceutical Chemistry, Bharati Vidyapeeth College of Pharmacy, Kolhapur, 416013, Maharashtra, India.

<sup>4</sup>KAHER's Dr. Prabhakar Kore Basic Science and Research Center, Belagavi, 590010, Karnataka, India.

Received 22 March 2019; received in revised form 18 June 2019; accepted 20 June 2019

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**ABSTRACT**

We have developed lipoprotein macromolecular motif to target multiple type of cancerous cells. These scaffold moieties linked with anticancer agents for targeting release at specific site. Biomolecular network increases cellular penetration, specificity and efficacy. Molecular motifs containing these agents are readily degradable by enzymatic cleavage. Structural functionalities of these modified molecules generate response against cancerous cells. Lipids and protein conjugates improve drug delivery towards target tissues. Bioactive lipoprotein exerts inhibitory effect for progressing tumor tissues. Lipid-protein bioconjugates interact with tumor tissue proteins selectively for reducing toxicity of antitumor agents. Complexation of cholesterol with bioactive aliphatic amino acid yields complex scaffold possessing anticancer activity. Reaction was conducted using dicyclohexyl carbodiimide (DCC) and 4-dimethylamino pyridine (DMAP) in pyridine solvent. Developed conjugates were characterized by using TLC, IR, NMR and HRMS studies. Conjugates were screened for anticancer activity by using MTT assay for human lung cancer (A549), liver hepatocellular carcinoma (HepG2), Human colon cancer (HT-29), Breast carcinoma (MCF-7), Glioblastoma cell lines (U87 MG). All molecular motifs exhibited remarkable antitumor activity against specified cell lines. Non-toxicity towards normal mouse fibroblast (L-929) is the promising feature of synthetic biomolecular scaffold which indicates selectivity of molecular complexes on tumor tissues. Current synthetic protocol can be used for development of biochemical molecular motif with high specificity, selectivity and antitumor potential.

**KEYWORDS**

Cholesterol, aliphatic amino acids, anticancer, bioconjugates.

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## Review Article

Thai Journal of Pharmaceutical Sciences



## Progress in erectile dysfunction therapy through drug delivery system

Mayuri Shitole<sup>1</sup>, Shailesh Dugam<sup>1</sup>, Rahul Tade<sup>2</sup>, Neha Desai<sup>3</sup>,  
Sopan Nangare<sup>2\*</sup>

<sup>1</sup>Department of Pharmaceutics, Bharati Vidyapeeth College of Pharmacy, Kolhapur,

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Received: Mar 06, 2020  
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Published: May 30, 2020

### ABSTRACT

A man's aptitude to acquire and continue an erection is frequently equated with masculinity and virility and can greatly influence men's confidence. The sexual healthiness is a significant determinant of the worth of life. Erectile dysfunction (ED) as the inability to have or sustain a penile erection long enough to have momentous sexual intercourse with a partner. As per the literature, it is revealed that the millions of men populations are suffering from ED and there is an extreme need to overcome the ED. The various natural traditional herbs, synthetic pioneered chemical entities/potentials are preferred to treat ED. The present review discusses ED therapy including drug selection, application site, and choice of formulation. Moreover, this review updates the various pharmaceutical formulation such as liposomes, ethosomes, transfersomes, nanoemulsion, self-nano-emulsifying drug delivery system, solid dispersion, penetroosomes, solid lipid nanoparticles, and nanostructured lipid carriers development in ED therapy through the oral route, topical and nasal route, etc., which are helpful for researchers to develop new nanocarriers based formulations.

Keywords: Erectile dysfunction, formulation development, nasal route, oral formulation, transdermal route

### INTRODUCTION

The millions of men's population affected not only by erectile dysfunction (ED) but also premature ejaculation (PE).<sup>[1,2]</sup> ED is an inability to maintain/initiate an adequate erection throughout satisfying sexual intercourse.<sup>[2-6]</sup> The sufficient erected penis has been a representation of a man's virility and sexual ability. Although it is not a lethal situation, the attention surrounding ED and its remedies have been invariable throughout the ages.<sup>[7]</sup> ED is a general disorder that increases with age and majorly observed in men aged 50 and older than.<sup>[8]</sup> A literature survey evinced that 75% of people aged over 70 years are the sufferer of ED in the United States,<sup>[9]</sup> while one more study claimed that the 40% man population over 60 years of age are probable to have ED.<sup>[10]</sup> In addition to this, 30 millions of the men population has been added to the ED each year, of which, only 2 lakhs men pursue treatment from a physician. Moreover, a large number of the population remains unrecognized as people do not discuss the sexual dysfunction issue with their doctors.<sup>[11]</sup> Furthermore,

it is a depending on majorly observed more common chronic disordered such as cardiovascular, neurological, and diabetes in older age men's.<sup>[12]</sup> It may be the partial reason for prevalence in older males. In addition, it is more common in the obese age group and more specifically in the existence of hypertension, diabetes, dyslipidemia, etc.<sup>[13,14]</sup> Hence, the prevalence and incidence of ED problems are highly correlated with the known risk factors, aging factors, and comorbidities. Moreover, lifestyle-based individual factors such as obesity, tobacco chewing, and frequency of exercise have all been associated with ED.<sup>[15]</sup> Nowadays, predominantly ED is a rising issue in under 40 age men's.<sup>[16]</sup> A literature survey resolved that near about 20–25% of cases of ED observed in the same age group.<sup>[17]</sup> ED influences unsatisfactory sexual life and severely impaired the quality of life of men and their sex partners also.<sup>[18,19]</sup> Moreover, it is a major route cause of depression, anxiety etc.<sup>[20]</sup>

Hence, there is a huge demand from the suffered population to investigators for the treatment of ED. The

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## SIMULTANEOUS ESTIMATION OF IMPURITIES IN MELATONIN BY RP-HPLC METHOD COUPLED WITH DIODE ARRAY DETECTION

Shubhangi Sutar<sup>a\*</sup>, Veerendra Yeligar<sup>b</sup>, Prafulla Choudhari<sup>c</sup> and Sachinkumar Patil<sup>a</sup>

(Received 15 December 2019) (Accepted 07 September 2020)

### ABSTRACT

In the present research work, RP-HPLC method coupled with diode array detection for separation and quantitation of impurity-I (2-(5-methoxy-1*H*-indol-3-yl)ethanamine), impurity-II (3-(2-aminoethyl)-1*H*-indol-5-ol) along with melatonin was developed. Mobile phase containing 10 mMol<sup>-1</sup> sodium dihydrogenphosphate: acetonitrile (75:25 V/V) was found to give good resolution, effectively separating melatonin and its impurities. Calibration curve for melatonin was found to be linear in the concentration range 2.5 µg mL<sup>-1</sup> to 7.5 µg mL<sup>-1</sup>. Calibration curve for impurity-I was found to be linear in concentration range 2.5 µg mL<sup>-1</sup> to 7.5 µg mL<sup>-1</sup> and the calibration curve for impurity-II was found to be linear in concentration range of 1.8 µg mL<sup>-1</sup> to 5.4 µg mL<sup>-1</sup>. The percentage recovery estimated of melatonin, impurity-I and impurity-II was found to be within 98.20 to 99.91, 97.42 to 104.04, 98.35 to 100.06, respectively with R.S.D. The reported method is simple, precise, accurate and rapid for quantitation of melatonin impurities along with melatonin.

**Keywords:** Melatonin, RP-HPLC, Simultaneous estimation, Impurity

### INTRODUCTION

Melatonin, *N*-acetyl-5-methoxy tryptamine (MT) Fig. 1A, is a neurohormone produced mainly at night by the pineal gland, subsequently decreasing to minimum during the day. It helps to treat sleep disorders with diminishing latency of sleep inception, effective as free radicals remover and seeing that endogenous antioxidant. Melatonin has been used with magnificent therapeutic results in Alzheimer treatment, indicated for the neurotoxicity induced by glutamate and in jet lag treatment. It is found available as tablets and capsules for human consumption and is sold without medical prescription in many countries, including Canada and United States of America and off the shelves even in nutrition supplement stores.

Now a days there is a range of methods for determining melatonin, its pharmaceutical dosage form, such like HPLC method, spectrophotometric method and thin layer chromatography scanning method and so on<sup>1-11</sup>. Despite the existence of these methods, till date none of methods for performing identification and simultaneous

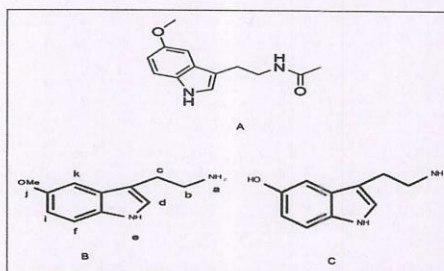


Fig.1: A) Structure of melatonin B) Structure of Impurity-I: 2-(5-methoxy-1*H*-indol-3-yl) ethanamine C) Structure of Impurity-II: 3-(2-aminoethyl)-1*H*-indol-5-ol)

estimation of melatonin and its two impurities has been reported. Hence, on the basis of literature survey the main intention of this work was to establish a precise, accurate, simple, reliable, sensitive, validated method for melatonin in the presence its impurities (impurity-I, 2-(5-methoxy-1*H*-indol-3-yl)ethanamine) (Fig. 1B), (impurity-II, 3-(2-aminoethyl)-1*H*-indol-5-ol) (Fig. 1C) for estimation of the purity of the bulk drug and furthermore the stability of its dosage forms. The method was validated in accordance with ICH guidelines<sup>12-15</sup>.

<sup>a</sup> Department of Pharmaceutical Quality Assurance, Ashokrao Mane College of Pharmacy, Peth-Vadgaon- 416 112, Maharashtra, India

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Original Article

## *In-vivo* Pharmacokinetic Study, *in-vitro* Cytotoxic, Cell Cycle Arresting and Proapoptotic Characteristics of Multiple Emulsions for the Co-delivery of Simvastatin and Alendronate Sodium

Sandip Akaram Bandgar<sup>1,2</sup>, Namdeo Ramhari Jadhav<sup>2,\*</sup>

<sup>1</sup>Department of Pharmaceutics, Ashokrao Mane College of Pharmacy, Peth Vadgaon, Kolhapur, Maharashtra, INDIA.

<sup>2</sup>Department of Pharmaceutics, Bharati Vidyapeeth College of Pharmacy, Kolhapur, Maharashtra, INDIA.

### ABSTRACT

**Purpose:** Development of nanocarriers that can provide efficient co-delivery of immiscible hydrophilic/ hydrophobic drugs with established technology for industrial production is crucial. Due to this reason, multiple emulsions (MEs) were selected as the desired carriers to achieve the co-delivery ability of many drugs and the improvement of cancer therapeutic effect. MEs could entrap the drug in the inner oil phase and hence avoid the drug leaking and co-deliver the drugs into the tumor sites. Therefore, in the present study, an attempt is made to develop w/o/w multiple emulsion for co-delivery of lipophilic Simvastatin (SVS) and hydrophilic Alendronate Sodium (ADS) with improved oral pharmacokinetics. **Methods:** The MEs were formulated by the use of Poloxamer-407, TPGS and Soyabean Oil. Tween 80 and Span 80 were used as surfactant and co-surfactant respectively. The MEs was prepared by the process of primary and secondary emulsification and evaluated in terms of visual assessment, turbidity, viscosity, particle size and zeta potential. The optimized batch was evaluated in terms of TEM analysis, X-Ray diffraction, FTIR study, *in-vitro* release and screened for cytotoxicity study, cell cycle arresting, apoptosis study and quantification of SVS and ADS in Rat Plasma. **Results:** The MEs treatment inhibited the cell growth with low IC<sub>50</sub> value against all cells (A549: 0.030 ± 0.014 µg/mL, MDAMB-231: 0.088 ± 0.013 µg/mL, PC-3: 0.019 ± 0.002 µg/mL). The AUC in case of ADS and SVS was found to be 710.01 ng/mL and 14.413 ng/mL respectively by oral administration and 42.308 ng/mL and 28.902 ng/mL in 12 and 1 hr respectively by IV administration. **Conclusion:** This strategy has improved simultaneous oral bioavailability of very poorly bio-available both ADS and SVS and thus improved the oral therapeutic efficacy of this combination therapy.

**Key words:** Simvastatin, Alendronate Sodium, *In-vivo* Pharmacokinetic Study, Cytotoxicity Study, Cell cycle arresting, Apoptosis Study.

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### INTRODUCTION

Statins clinically used to reduce blood cholesterol levels, are the second-most prescribed drugs after analgesics and are considered to be the safest drugs.<sup>1</sup> In cell-based experiments, the hydrophobic statins displayed inhibitory effects on many cancers.<sup>1,2</sup>

Alendronate Sodium is the sodium salt of alendronate, a second generation bisphosphonate and synthetic analogue of pyrophosphate

with bone anti-resorption activity. Alendronate sodium binds to and inhibits the activity of geranyl transtransferase, an enzyme involved in terpenoid biosynthesis. Nitrogen containing Bisphosphonates have been proved to reduce and delay bone complications from bone metastasis, and have been used worldwide for the treatment of bone metastasis from solid tumors, bone complications and pain from multiple myeloma.



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Journal of Pharmaceutical Innovation  
 https://doi.org/10.1007/s12247-022-09646-w

ORIGINAL ARTICLE

## Design and Optimization of Nanophytosomes Containing *Mucuna prureins* Hydroalcoholic Extract for Enhancement of Antidepressant Activity

Poonam Karekar<sup>1,2</sup> · Suresh Killedar<sup>3</sup> · Sudhanshu Kulkarni<sup>2</sup> · Amir Shaikh<sup>2</sup> · Poornima Patil<sup>4</sup>

Accepted: 30 March 2022

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### Abstract

**Purpose** In this study, the herbal formulation containing nanophytosomes of *Mucuna prureins* extract (MPE) was engineered to ameliorate its rate of drug release, in vivo antidepressant profile, and stability.

**Method** The *Mucuna prureins* nanophytosomes (MPP) were designed by using a full factorial design approach, taking into consideration various variables that could give optimized formulation. Then, pure extract and optimized formulation showing higher entrapment efficiency were studied for in vitro dissolution and in vivo antidepressant activity in depression models like forced swimming test (FST) and tail suspension test (TST) in Swiss albino mice. The physico-chemical characterization was carried out using particle size analysis and zeta potential, Fourier transformation infrared spectroscopy, differential scanning calorimetry, proton nuclear magnetic resonance, powder X-ray diffractometer, scanning electron microscopy, and solubility studies. Moreover, the stability of nanophytosomes was assessed by subjecting optimized formulation to freeze–thaw cycle stability testing and calculating entrapment efficiency at the end of the cycle.

**Results** PXRD and SEM revealed a decrease in the crystalline nature of nanophytosomes. <sup>1</sup>H NMR, DSC, and FTIR asserted the formation of the phyto-phospholipids complex. The rate and extent of dissolution were also found enhanced and sustained in nanophytosomes as compared to pure extract. In vivo antidepressant activity depicted a significant reduction of immobility in mice treated with nanophytosomes as compared to those treated with the pure extract. Moreover, optimized formulation was found stable as entrapment efficiency values were not reduced significantly.

**Conclusion** Thus, nanophytosomes drug delivery could be the best strategy to improve physicochemical properties of extract and thus could be exploited for the extracts having poor solubility, poor permeability, and poor stability.

**Keywords** Nanophytosomes · *Mucuna prureins* extract · Antidepressant activity · Physicochemical characterization

### Introduction

Depression is considered a life-threatening psychological disorder nowadays as almost 20% of the world's population is affected by such a chronic and recurring one. [1–3]

The disorder has established its relation to psychosocial, behavioral abnormalities, although the complete etiology of it has not been fully explored. The disorder is regarded as a common cause of suicidal tendencies. [4, 5] Depression is characterized by aberration of emotional, behavioral

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Activities conducted under the MoU of Saglo Research Equipment's, Miraj.

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## Intra Institutional Activities

Conducted under Institutional Innovation and Incubation Cell and Student Development cell

**Day 1** 19/11/2022

Ideaathon/innovative idea presentation, Hackathon/ Problem solving workshop

**Day 2** 21/11/2022

Demo day/Exhibition of models, Instruments of SAGLO Research Centre

**Day 3** 22/11/2022

My story/ Motivational session by successful innovator/start up founder.

**Day 4** 23/11/2022

Expert/ Innovator's speech by SAGLO Director Prof. Sachin Lokapure.

**Day 5** 25/11/2022

Exposure/Field visit for problem Identification at Seema Biotech Ltd. Talasande.

Chief Coordinator  
Prof. Poonam N. Chougule  
Incharge-Innovation and Incubation Cell.

Coordinator  
Prof. Shailaja J. Kambale  
Incharge- Student Development cell

Convener  
Dr. Sachinkumar V. Patil  
Principal AMCP

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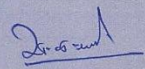


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Government of India Ministry of Education Government of India INNOVATION COUNCIL	
<b>Thrust area: Inspiration, Motivation &amp; Ideation</b> <b>Quarter 1</b>	
Semester 1 Theme	Entrepreneurship / Start-up
Activity Name	My Story - Motivational Session by Successful Entrepreneur/Start-up founder.
Mode of Conduct	Offline/Online
Time	One day
Participants <i>(Online / offline)</i>	<ul style="list-style-type: none"> <li>Students: Minimum 40 students from the Institute.</li> <li>Faculty: Maximum possible participation.</li> </ul>
Online Resource*	<a href="https://www.youtube.com/watch?v=vf0EG3_EGLQ">https://www.youtube.com/watch?v=vf0EG3_EGLQ</a>
Description	<ul style="list-style-type: none"> <li>Organise a My Story Session – Life of an Entrepreneur – Motivational Speech - To be shared by Start-up Founders/Entrepreneurs.</li> </ul> <p>The session should mainly focus on:</p> <ul style="list-style-type: none"> <li>- Risk taking opportunity &amp; critical think.</li> <li>- How to - build a team, raise capital, learn from failure.</li> <li>• Use <b>IIC Logo</b> on Communication materials like Poster/Banner.</li> <li>• Institute should upload the complete training/activity on YouTube as an activity proof and provide the same link during report submission in the portal.</li> <li>• Kindly submit PDF in <b>Overall report of the activity</b> option. Overall activity report should have <b>IIC and Institution's Logo</b>, Title of the event, objective of the event, <b>Speakers Details</b>, <b>Participants</b> details, <b>max 5</b> photographs (for offline meeting) or screenshot (for online meeting) of the session, and key outcome of the activity. You may include Media Coverage, <b>feedback received</b> from the guest/participants.</li> <li>• For dissemination &amp; outreach of the session, share brief <b>summary/report</b> on social media platforms and tag MOE's Innovation Cell.</li> </ul>



Online resources are given for reference purpose. Institutes can either use this resource link to share with the participants in advance or they can design their own training/workshop module based on the activity description.

  
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MoE's INNOVATION CELL (GOVERNMENT OF INDIA)



Ministry of Education Government of India



INSTITUTION'S INNOVATION COUNCIL

Semester 1

Thrust area: Inspiration, Motivation & Ideation

Quarter 1

22/11/23

Theme	Entrepreneurship / Start-up
Activity Name	My Story - Motivational Session by Successful Entrepreneur/Start-up founder.
Mode of Conduct	Offline/Online
Time	One day
Participants (Online / offline)	<ul style="list-style-type: none"> <li>Students: Minimum 40 students from the Institute.</li> <li>Faculty: Maximum possible participation.</li> </ul>
Online Resource*	<a href="https://www.youtube.com/watch?v=vf0EG3_EGL0">https://www.youtube.com/watch?v=vf0EG3_EGL0</a>
Description	<ul style="list-style-type: none"> <li>Organise a My Story Session – Life of an Entrepreneur – Motivational Speech - To be shared by Start-up Founders/Entrepreneurs.</li> </ul> <p>The session should mainly focus on:</p> <ul style="list-style-type: none"> <li>- Risk taking opportunity &amp; critical think.</li> <li>- How to - build a team, raise capital, learn from failure.</li> <li>Use IIC Logo on Communication materials like Poster/Banner.</li> <li>Institute should upload the complete training/activity on YouTube as an activity proof and provide the same link during report submission in the portal.</li> <li>Kindly submit PDF in Overall report of the activity option. Overall activity report should have IIC and Institution's Logo, Title of the event, objective of the event, Speakers Details, Participants details, max 5 photographs (for offline meeting) or screenshot (for online meeting) of the session, and key outcome of the activity. You may include Media Coverage, feedback received from the guest/participants.</li> <li>For dissemination &amp; outreach of the session, share brief summary/report on social media platforms and tag MOE's Innovation Cell.</li> </ul>

\*Online resources are given for reference purpose. Institutes can either use this resource link to share with the participants in advance or they can design their own training/workshop module based on the activity description.

*D. S. ...*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra,  
Affiliated to Shivaji University, Kolhapur

Estd. 2006 | Founder President: LATE SHRI. ASHOKRAO MANE  
Principal: DR. S.V. PATIL | President: SHRI. VIJAYSINH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112  
Web: www.amcoph.org | Phone: 0230-2471360/61 | E mail: copbpharm@gmail.com

Semester I

IIC Activity Planner 2022-23

Quarter I

Sr. No.	Date	Particulars	Co-ordinators	Signature
1	19/11/2022	Ideathon/Innovative idea presentation.	Mrs. S. J. Kambale	<i>[Signature]</i>
2	19/11/2022	Hackathon/Problem solving workshop	Mrs. P. N. Chougule	<i>[Signature]</i>
3	21/11/2022	Demo day/Exhibition of models, instruments of SAGLO research centre.	Ms. S. V. Nhawkar	<i>[Signature]</i> 21/11/22
4	22/11/2022	My story /Motivational session by successful innovator/start up founder	Ms. N. D. Desai	<i>[Signature]</i>
5	23/11/2022	Expert/innovators speech by SAGLO Director	Mrs. P. N. Chougule	<i>[Signature]</i>
6	25/11/2022	Exposure/field visit for Problem identification at SEEMA Biotech.	Dr. P. S. Patil	<i>[Signature]</i>



*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
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Principal: DR. S. V. PATIL | President: SHRI. VIJAYSINH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112  
Web: www.amcoph.org | Phone: 0230-2471360-61 | E mail: copbpharm@gmail.com

Date: 22/11/2022

### INVITATION LETTER

To,  
Mr. S. G. Lokapure  
Assistant Professor,  
Appasaheb Birnale College of Pharmacy,  
Sangli, Maharashtra.

**Subject:** Invitation as a Resource Person at Expert/innovators speech by SAGLO Director

Dear Sir/Madam,

With reference to above mentioned subject we Ashokrao Mane College of Pharmacy, Peth-Vadgaon take immense pleasure in having you as a Speaker for the "Expert/innovators speech by SAGLO Director. 23.11.2022 at Ashokrao Mane College of Pharmacy, Peth-Vadgaon.

Please consider this letter as a humble invitation and kindly revert back with a positive response. It would be deeply appreciated.

Thankfully,



*S. V. Patil*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

*Received*  
*Sachin G. Lokapure*

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Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra,  
Affiliated to Shivaji University, Kolhapur

Estd. 2006 | Founder President: LATE SHRI. ASHOKRAO MANE

Principal: DR. S. V. PATIL | President: SHRI. VIJAYSENH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 415 112

Web: www.amcoph.org | Phone: 0230-2471360-61 | E mail: copbpharm@gmail.com

Date: 23/11/2022

### THANKING LETTER

To,  
Mr. S. G. Lokapure  
Assistant Professor,  
Appasaheb Birmale College of Pharmacy,  
Sangli, Maharashtra.

**Subject:** Thanks for a Resource Person at Expert/innovators speech by SAGLO Director

Dear Sir/Madam,

With reference to above mentioned subject we Ashokrao Mane College of Pharmacy, Peth-Vadgaon take immense pleasure in having you as a Speaker for the "Expert/innovators speech by SAGLO Director On 23.11.2022 at Ashokrao Mane College of Pharmacy, Peth-Vadgaon. Thank you for being present to conduct this event, it was excellent session.

Thankfully,



*Dr. S. V. Patil*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

*Received  
Secretary & Welfare*

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
Ashokrao Mane College of Pharmacy, Peth Vadgaon

Organizes  
My story /Motivational session by successful innovator/start up founder  
Guest Lecture

Of  
**Mr. S. G. Lokapure**  
Asst. Professor, ABCP, Sangli.

Day & Date: Tuesday, 22/11/2022



### ATTENDANCE SHEET

Sr.No.	Name of Student	Class	Signature
01.	Naukudkar Shubham Bhasamara	S.Y.B. Pharm-A	<i>Naukudkar</i>
02.	Bachate sudarshan Vishwas	S.Y.B. Pharm-A	<i>Bachate</i>
03.	Mone Pruthviraj Rajendra	S.Y.B. Pharm-A	<i>Mone</i>
04.	Narnavar Amar Babasaheb	S.Y.B. Pharm-A	<i>Narnavar</i>
05.	Nagmal shrikrishna Sambhaji	S.Y.B. Pharm-A	<i>Nagmal</i>
06.	Graikwad Karan Bajirao	S.Y.B. Pharm-A	<i>Graikwad</i>
07.	Magdum Pratik Mahaveer	S.Y.B. Pharm-A	<i>Magdum</i>
08.	Prathmesh shitalkumar kurade	S.Y.B. Pharm-A	<i>Prathmesh</i>
09.	Pravara Suresh Chigare	S.Y.B. Pharm-A	<i>Pravara</i>
10.	Tahasildar Rohan Rajendra	S.Y.B. Pharm-B	<i>Tahasildar</i>
11.	Thorbole Avinash Kakasa	S.Y.B. Pharm-B	<i>Thorbole</i>
12.	Dayanand Nivruti Lohar	S.Y.B. Pharm-A	<i>Dayanand</i>
13.	Nikhil Rajendra Khat	S.Y.B. Pharm-A	<i>Nikhil</i>
14.	Nikam Yash Ashok	S.Y.B. Pharm-B	<i>Nikam</i>
15.	Patil Adarsh Tomaji	S.Y.B. Pharm-B	<i>Patil</i>
16.	Patil Tuskar shiraji	S.Y.B. Pharm-B	<i>Patil</i>
17.	Rohan Subhash Magdum	S.Y.B. Pharm-A	<i>Rohan</i>
18.	Dyaneshwar Bharat Mane	S.Y.B. Pharm-A	<i>Dyaneshwar</i>
19.	Sahil Devendra Ghedligionkar	S.Y.B. Pharm-B	<i>Sahil</i>
20.	Peatik Dadaso Mojalekar	S.Y.B. Pharm-A	<i>Peatik</i>
21.	Aditya Ashok Chavan.	S.Y.B. Pharm-A	<i>Aditya</i>
22.	Shubham Hemant Kalambekar	S.Y.B. Pharm-A	<i>Shubham</i>

*Dorabund*  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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23	Venkatesh Madhukar Kawade	S.Y.B.Pharm-A	Estadok
24	Shraddha Ramesh Jaygonde	S.Y.B.pharm-A	Jaygonde
25	Ankita Eknath Dhare	S.Y.B.pharm A	Dhare
26	Tanuj Kumar Guikwad	S.Y.B.PharmA	Guikwad
27	Aparna Sanjay Katad	S.Y.B.PharmA	Katad
28	Mujawar Nilesh Raju	S.Y.B.PharmA	Mujawar
29	Dhanashree Sanjay Farakate	S.Y.B.Pharm A	Farakate
30	Thorbole Geetanjali Ramesh	S.Y.B.pharm-B	Thorbole
31	Rajgude Monali Gorakh	S.Y.B.pharm-B	Rajgude
32	Sutar Prajakta Namdeo	S.Y.B.pharm-B	Sutar
33	Sutar Houtuja Babao	S.Y.B.pharm-B	Sutar
34	Kajal Goutam Kamble	D.S.Y.B.Pharm-B	Kamble
35	Shraddha Madhukar Sawant.	D.S.Y.B.Pharm-B	Sawant
36	Saee Sudam Kumbhar.	S.Y.B.Pharm-A	Kumbhar
37	Shivani Eknath Patil	D.S.Y.B.Pharm B	Patil
38	Khairmode Ankita Hindurao.	D.S.Y.B.Pharm-B	Khairmode
39	Prerana Prabhakar Tarale	S.Y.B.pharm-B	Tarale
40	Vishakha Madhukar Tupare	S.Y.B.Pharm-B	Tupare
41	Muskan Munawar Nayakwadi	S.Y.B.pharm-B	Nayakwadi
42	Alanksha Subhash Yadav.	S.Y.B.pharm B	Yadav
43	Ishwari Ashok Nimbalkar	S.Y.B.pharm-B	Nimbalkar
44	Komal Subhash Patil	S.Y.B.Pharm-B	Patil
45	Sukshi Satish Khamkar	S.Y.B.pharm-A	Khamkar
46	Shruti Bhima Kamble	S.Y.B.pharm-A	Kamble
47	Neha Santosh Chavan	S.Y.B.Pharm-A	N.S.Chavan
48	Manasi Prakash Kadarn	S.Y.B.Pharm A	Kadarn
49	Ritika Ravindra Chougule.	S.Y.B.Pharm-A	R.R.C
50	Ashlesha Sanjay Navale.	S.Y.B.PharmA	Navale
51	Shivani Dilip Patil.	S.Y.B.pharm-B	Patil
52	Veushali Tanaji Patil.	S.Y.B.Pharm-B	Patil
53	Amruta Bhikaji Kamble	S.Y.B.Pharm-A	Kamble

PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**Ashokrao Mane College of Pharmacy, Peth Vadgaon**  
 Organizes  
 My story /Motivational session by successful innovator/start up founder  
**Guest Lecture**  
 Of

**Mr. S. G. Lokapure**  
 Asst. Professor, ABCP, Sangli.

Day & Date: Tuesday, 22/11/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating.  
 [Tick in appropriate Box].

	Excellent	Good	Average	Poor
a. Topic of event	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the event:

About event, it's very excellent event performed and gives important information which useful us in future. Thank you sir for this event.

Any other comments (if any):

Organize more such like events on other concepts.

Name of student: Nricha P. Choh.

PRINCIPAL

Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
Ashokrao Mane College of Pharmacy, Peth Vadgaon  
Organizes

My story /Motivational session by successful innovator/start up founder  
Guest Lecture  
Of

**Mr. S. G. Lokapure**  
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Day & Date: Tuesday, 22/11/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating.  
[Tick in appropriate Box].

	Excellent	Good	Average	Poor
a. Topic of event	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the event:

This lecture is very knowledgeable for us.  
From these lecture helps in improve our knowledge.

Any other comments (if any):

Name of student :- Dayanand Nivruti Lohar

*[Signature]*  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Activities conducted under the MoU of Annasaheb Dange College of B. Pharmacy, Ashta.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Date: 8/06/2022

Ref. No.: 617-2021-22

To,  
Principal,  
Annasaheb Dange College of Pharmacy,  
Ashta

Subject: Request for analysis of samples

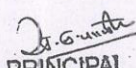
Dear Sir/Madam,

With reference to subject cited above our M. Pharm. II year student is in need to perform the Fourier transforms Infrared spectroscopy (FTIR) study of his samples for dissertation work. He will pay the charges as per your rules. I request you to kindly do the needful to get his sample analyzed.

Thanking you,


Yours faithfully,

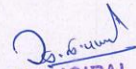
1. Omkar R. Suryawanshi

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

FTIR = 02 X 100 = 200  
 (10)  
 Mr. Kote G.D  
 09/06/22

Prof. Mote  
 Ph. Consider  
 09/06/22



  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santhas  
**Annasaheb Dange College of B Pharmacy(2022-2023)**  
 Ashta, Tal. Waiwa, Dist. Sangli PIN 416 301

Receipt No: **CR-123**  
 Date : **09/06/2022**


**CASH RECEIPT / CREDIT**

	Amount (Rs.)
Received from <b>Mr.Omkar R.Suryawanshi</b> Sum of Rs. <b>200 /-</b> for Analysis of Drug Sample FTIR	200.00
403083 Other Service Charges	
<b>Total Rs.</b>	<b>200.00</b>

Rs. Two Hundred Only  
 Reference:



*(Signature)*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.



Checked by \_\_\_\_\_ Section Head Accounts Office  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 641/2021-22

Date: 10/06/2022

To,  
 Principal,  
 Annasaheb Dange College of Pharmacy,  
 Ashta

Subject: Request for analysis of samples

Dear Sir/Madam,

With reference to subject cited above our M. Pharm. II year student is in need to perform the Fourier transforms Infrared spectroscopy (FTIR) study of his samples for dissertation work. He will pay the charges as per your rules. I request you to kindly do the needful to get his sample analyzed.

Thanking you,

*Jande*  
 Yours faithfully,  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

FTIR =  $06 \times 100 = 600 \mu$

*(M)*  
 Mr. Mote G.D.

*Consider*  
*Patil*



*Jande*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santhas <b>Annasaheb Dange College of B Pharmacy(2022-2023)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301		Receipt No: <b>CR-134</b>
<b>CASH RECEIPT / CREDIT</b>		Date : <b>13/06/2022</b>
Received from <b>Mr. Prathmesh Chinchwade</b> Sum of Rs. <b>600</b> /- for Analysis of Drug Sample FTIR		Amount (Rs.)
403083 Other Service Charges		600.00
	<b>Total Rs.</b>	<b>600.00</b>

Rs. Six Hundred Only  
Reference:

**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

**CASHIER**

Section Head Accounts Office  
Page 1 of 1

Checked by \_\_\_\_\_

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

**ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH**

(Approved by PCI & AICTE, New Delhi, DTE & MSBTE, Govt. of Maharashtra, Mumbai & Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere)

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LATE SHRI. ASHOKRAO MANE  
Founder President

SHRI. VIJAY SHETTY  
President

Ref. No.: AMIPSR5/700/2021-22

Date: 10-8-2022

To,

The Principal,  
Annasaheb Dange college of Pharmacy.,  
Ashta, Sangli.

**Sub:** Seeking permission for testing Samples by IR Spectroscopy

Respected Sir,

With reference to the subject cited above, I request you to permit our students for testing samples on Infrared Spectrophotometer at the facility available at Annasaheb Dange college of Pharmacy, Ashta .

As a part of Academic project work they need to take IR of some samples. So Sir I request you to kindly allow our students for testing samples at your college. We are ready to pay all charges as per your norms.

Your cooperation is highly appreciable and acknowledged.

With regards,



Ashokrao Mane Institute of Pharmaceutical  
Science & Research, Save, Dist. Kolhapur.

*considered  
datta*

CTIR = 05x100 = 500 Rs

Mr. MOTE G.D.  
10/03/22



Address : Gat No. 878, A/P - Save, Tal - Shahuwadi, Dist - Kolhapur - 416 213 (Maharashtra) Phone office: 7666040025  
Website : www.amipsrs.org E-mail : amipsrs@gmail.com

*Prasad*  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Savitri Dnyaneshwar Shikshan Sanstha s  
**Annasaheb Dange College of B Pharmacy(2022-2023)**  
 Ashta, Tal. Walwa, Dist. Sangli PIN 416 301

Receipt No: **CR-135**  
 Date : **13/06/2022**

**CASH RECEIPT / CREDIT**

	Amount (Rs.)
Received from <b>Ashokrao Mane Institute of Pharmaceutical Science</b> Sum of Rs. <b>500 /-</b> for Analysis of Drug Sample IR	500.00
403083 Other Service Charges	
<b>Total Rs.</b>	<b>500.00</b>


**Rs. Five Hundred Only**  
 Reference:



Checked by

Section Head Accounts Office  
Page 1 of 1

*[Signature]*  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.



*[Signature]*  
**CASHIER**

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES**  
(Approved by PCI & AICTE, New Delhi, DTE & MSBTE, Govt. of Maharashtra, Mumbai & Affiliated to  
Dr. Babasaheb Ambedkar Technological University, Lonere)

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LATE SHRI. ASHOKRAO MANE  
Founder President

President

Date: 10-8-2022

Ref. No.: AMIPSR5/700/2021-22

To,  
The Principal,  
Annasaheb Dange college of Pharmacy.,  
Ashta, Sangli.

**Sub:** Seeking permission for testing Samples by IR Spectroscopy

Respected Sir,  
With reference to the subject cited above, I request you to permit our students for testing samples on  
Infrared Spectrophotometer at the facility available at Annasaheb Dange college of Pharmacy, Ashta .  
As a part of Academic project work they need to take IR of some samples. So Sir I request you to  
kindly allow our students for testing samples at your college. We are ready to pay all charges as per  
your norms.  
Your cooperation is highly appreciable and acknowledged.

With regards,



*[Signature]*  
Ashokrao Mane Institute of Pharmaceutical  
Sciences, Save, Dist. Kolhapur.

*Conceded*

FTIR - 05X/100 = 500 RS

*(13)*  
Mrs. Mote G.D.  
13/08/22

Remark:- The students of AMCP, save were attended the trainin  
of FTIR (Bruker-Alpha-II) & performed FTIR analysis of as  
sample on 13/08/2022 from 10:00 am - 01:00 P.M

Address : Gat No. 878, A/P - Save, Tal - Shahuwadi, Dist - Kolhapur - 416 213 (Maharashtra) Phone office: 7666040025  
Website : www.amiprs.org E-mail : amiprs@gmail.com

*(13)*  
Mrs. Mote G.D.  
13/08/2022



*[Signature]*  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
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 Affiliated to Shivaji University, Kolhapur

Estd. 2006 | Founder President: LATE SHRI. ASHOKRAO MANE  
 Principal: DR. S.V. PATIL | President: SHRI. VIJAYSINH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112  
 Web: www.amcoph.org | Phone: 0230-2471360. 61 | E mail: copbpharm@gmail.com

Ref.:

Date: 16/06/2022

To,  
 Principal  
 Annasaheb Dange College of B Pharmacy,  
 Ashta, Tal. Walwa, Dist. Sangli,  
 Maharashtra, Pin- 416301.

**Subject: Analysis of samples for FTIR.**

Respected Sir,

With reference to the abovecited subject, the following mentioned student of our college studying in S. Y. M. Pharm (PQA) and carrying out his research work on phytochemical analysis of selected plant species. To complete his work, he would like to analyze his samples for FTIR.

The details are as below:

Name of student	Type of Analysis	Type of samples	No. of Samples
Mr. Ajay M. Chavan	FTIR	Isolated compounds of the extract of the plant	6

So, requesting you to extend your kind co-operation for the same.  
 Thanking you.

*Conclude  
 18/06/22*

FTIR = 06 K100-600  
  
 MR. MOTE G'D  
 18/06/22

*M.P.*  
 Prof. V. M. Patil  
 Research Guide

*D. S. Patil*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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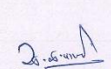
Sant Dnyaneshwar Shikshan Santhas  
**Annasaheb Dange College of B Pharmacy(2022-2023)**  
 Ashta, Tal. Walwa, Dist. Sangli PIN 416 301


Receipt No: **CR-144**  
 Date : **18/06/2022**


**CASH RECEIPT / CREDIT**

	Amount (Rs.)
Received from <b>Ajay M Chavan</b> Sum of Rs. <b>600</b> /- for Analysis of Sample FTIR	600.00
403083 Other Service Charges	
<b>Total Rs.</b>	<b>600.00</b>

**Rs. Six Hundred Only**  
 Reference:

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.  
 Checked by

  
 Section Head Accounts Office  
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**CASHIER**

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Shri. Balasaheb Mane Shikshan Prasarak Mandal, Anand  
**ASHOKRAO MANE COLLEGE OF PHARMACY**  
 Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra,  
 Affiliated to Shivaji University, Kolhapur

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Estd. 2006 | Founder President: LATE SHRI. ASHOKRAO MANE  
 Principal: DR. S.V. PATIL | President: SHRI. VIJAYSINH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112  
 Web: www.amcoph.org | Phone: 0230-2471360/61 | E mail: copbpharm@gmail.com

Date: 15/06/2022

Ref.: —

To,  
 Principal  
 Annasaheb Dange College of B Pharmacy,  
 Ashta, Tal. Walwa, Dist. Sangli,  
 Maharashtra, Pin- 416301.

**Subject: Analysis of samples for FTIR.**

Respected Sir,

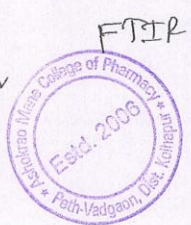
With reference to the above cited subject, the following mentioned student of our college studying in S. Y. M. Pharm (PQA) and carrying out her research work on phytochemical analysis of selected plant species. To complete her work, she would like to analyze her samples for FTIR.

The details are as below:

Name of student	Type of Analysis	Type of samples	No. of Samples
Miss. Chandani U. Kamble	FTIR	Isolated compounds of the extract of the plant	08

So, requesting you to extend your kind co-operation for the same.  
 Thanking you.

Consistee  
 kelle  
 15.06.22



FTIR = 08x100  
 = (PQA)  
 No. Note G.11  
 15/06/22

*VMP*  
 15/06/22  
 Prof. V. M. Patil  
 Research Guide  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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
Sant Dnyaneshwar Shikshan Santhas  
**Annasaheb Dange College of B Pharmacy(2022-2023)**  
 Ashta, Tal. Walwa, Dist. Sangli PIN 416 301


Receipt No: **CR-145**  
 Date: **18/06/2022**


**CASH RECEIPT / CREDIT**

	Amount (Rs.)
Received from <b>Chandani U. Kamble</b> Sum of Rs. <b>800 /-</b> for Analysis of Sample FTIR	800.00
403083 Other Service Charges	
<b>Total Rs.</b>	<b>800.00</b>

**Rs. Eight Hundred Only**  
 Reference:

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.



  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

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## ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: cobpharm@gmail.com

Ref. No.: 653/2024-22

Date: 20/06/2022

To,  
Principal,  
Annasaheb Dange College of Pharmacy,  
Ashta

Subject: Request for analysis of samples

Dear Sir/Madam,

With reference to subject cited above our M. Pharm. II year student is in need to perform the Fourier transforms Infrared spectroscopy (FTIR) study of his samples for dissertation work. He will pay the charges as per your rules. I request you to kindly do the needful to get his sample analyzed.

Thanking you,

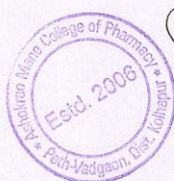
1. Snehal Ashok Yesare

Yours faithfully,

FTIR = 05 x 100 = 500 RJ

Mr. Mote G.D.  
27/06/22

*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.



*Cousche  
hobb*

*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Sanstha s  
**Annasaheb Dange College of B Pharmacy(2022-2023)**  
 Ashla, Tal. Walwa, Dist. Sangli PIN 416 301


Receipt No: **CR-165**  
 Date: **27/06/2022**


**CASH RECEIPT / CREDIT**

	Amount (Rs.)
Received from <b>Snehal Ashok Yesare</b> Sum of Rs. <b>500 /-</b> for Analysis of Sample FTIR	500.00
403083 Other Service Charges	
<b>Total Rs.</b>	<b>500.00</b>

Rs. Five Hundred Only  
 Reference:

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.





Section Head Accounts Office  
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Checked by

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

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**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.:

Date: 1 - 7 - 2022

To,  
Principal,  
Annasaheb Dange College of Pharmacy,  
Ashta

**Subject:** Request for analysis of samples

Dear Sir/Madam,

With reference to subject cited above our M. Pharm. II year student is in need to perform the Fourier transforms Infrared spectroscopy (FTIR) study of her samples for dissertation work. She will pay the charges as per your rules. I request you to kindly do the needful to get his sample analyzed.

Thanking you,

Miss. Radhika Lahu Shinde (Magdum)

Yours faithfully,

*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

FTIR = 06 x 100 = 6000  
*[Signature]*  
M.M. G. D.  
01/07/22



*[Signature]*  
*[Signature]*

*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Annasaheb Dange College of B Pharmacy(2022-2023)  
Ashta, Tal. Walwa, Dist. Sangli PIN 416 301

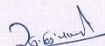
Receipt No: C/R-188  
Date : 01/07/2022


**CASH RECEIPT / CREDIT**


	Amount (Rs.)
Received from <b>Radhika Shinde</b> Sum of Rs. <b>600 /-</b> for Analysis of Sample FTIR	
403083 Other Service Charges	600.00
<b>Total Rs.</b>	<b>600.00</b>

**Rs. Six Hundred Only**

Reference:

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.





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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**  
 AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
 Principal : Dr. S.V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE  
 Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com  
 Ref. No.: 4/2021-22 Date: 02/07/2022

To,  
 Principal,  
 Annasaheb Dange College of Pharmacy,  
 Ashta

Subject: Request for analysis of samples

Dear Sir/Madam,

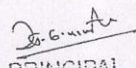
With reference to subject cited above our M. Pharm. II year student is in need to perform the Fourier transforms Infrared spectroscopy (FTIR) and Globule Sizestudy of his samples for dissertation work. He will pay the charges as per your rules. I request you to kindly do the needful to get his sample analyzed.


Thanking you,

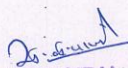
Mr. Harshavardhan Vishwas Kamble

Yours faithfully,

$particle\ size = 100 \times 01 = 100$   
 $FTIR = 100 \times 01 = 100$   
 100  
 Mr. mote G-D.  
 05/07/22

  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.



  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Annasaheb Dange College of B Pharmacy(2022-2023)  
Ashta, Tal. Walwa, Dist. Sangli PIN 416 301

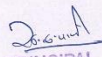
**CASH RECEIPT / CREDIT**


Receipt No: **CR-192**  
Date : **05/07/2022**


	Amount (Rs.)
Received from <b>Mr. Harshvardhan Vishwas Kamble</b> Sum of Rs. <b>200</b> /- for Analysis of Particle Size & FTIR	
403083 Other Service Charges	200.00
<b>Total Rs.</b>	<b>200.00</b>

Rs. Two Hundred Only

Reference:

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.





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Section Head Accounts Office  
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Sant Dnyaneshwar Shikshan Santha s  
**Annasaheb Dange College of B Pharmacy(2022-2023)**  
 Ashla, Tal. Walwa, Dist. Sangli PIN 416 301


Receipt No: **CR-311**  
 Date: **28/09/2022**

**CASH RECEIPT / CREDIT**


	Amount (Rs.)
Received from <b>Ms. Gouri Dandekar</b> Sum of Rs. <b>100 /-</b> for Analysis of FTIR	100.00
403083 Other Service Charges	
<b>Total Rs.</b>	<b>100.00</b>

**Rs. One Hundred Only**

Reference:



*[Signature]*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth Vadgaon, Dist. Kolhapur.



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1087

To,  
The Principal,  
Annasaheb Dange College of Pharmacy,  
Ashta

Respected Sir,

**REQUEST FOR PARTICLE SIZE AND ZETA POTENTIAL ANALYSIS**

With reference to the subject cited above, I undersigned Dr. Rajkumar S Bagali, Professor, Ashokrao Mane College of Pharmacy, Vadagaon required to carry out Particle size and Zeta Potential analysis of 18 samples as a part of my research project.

I will be highly obliged if you avail the same at your college. I will pay the requisite fees for the same. Please do the needful

Dhanraj Suresh Shetty

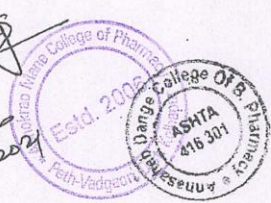
Thanking you,

Yours Sincerely,

Dr. Rajkumar S Bagali,  
Professor,  
Ashokrao Mane College of Pharmacy, Vadagaon

particle size = 18 X 100 = 1800  
zeta potential = 18 X 200 = 3600

Accept  
4400/-  
5400/-  
gainst consultancy charges  
5/7/22



5400  
No. 107/21  
05/07/21  
five thousand four hundred rupees only

Dr. Ganesh  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santhas  
**Annasaheb Dange College of B Pharmacy(2021-2022)**  
 Ashta, Tal. Walwa, Dist. Sangli PIN 416 301

**CASH RECEIPT / CREDIT**

Receipt No: **CR-14**  
 Date : **05/07/2021**

Received from <b>Mr. Dhanraj Suresh Shetty</b> Sum of Rs. <b>5400 /-</b> for Partical size analysis & Zeta Potential	<b>Amount (Rs.)</b>
403083 Other Service Charges	5400.00
<b>Total Rs.</b>	<b>5400.00</b>

**Rs. Five Thousand Four Hundred Only**

Reference:

*[Signature]*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth Vadgaon, Dist. Kolhapur.  
 Checked by

Section Head Accounts Office  
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*[Signature]*  
**CASHIER**

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

## ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S.V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 4/2021-22

Date: 02/07/2022

To,  
Principal,  
Annasaheb Dange College of Pharmacy,  
Ashta

Subject: Request for analysis of samples

Dear Sir/Madam,

With reference to subject cited above our M. Pharm. II year student is in need to perform the Fourier transforms Infrared spectroscopy (FTIR) and Globule Sizestudy of his samples for dissertation work. He will pay the charges as per your rules. I request you to kindly do the needful to get his sample analyzed.

Thanking you,

Mr. Harshavardhan Vishwas Kamble

Yours faithfully,

Particle size =  $100 \times 01 = 100$   
FTIR =  $100 \times 01 = 100$

100  
Mrs. mote G.D.  
05/07/22

*Dr. G. Manu*  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.



*Dr. G. Manu*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Annasaheb Dange College of B Pharmacy(2022-2023)  
Ashta, Tal. Walwa, Dist. Sangli PIN 416 301

**CASH RECEIPT / CREDIT**

Receipt No: **CR-192**  
Date: **05/07/2022**

Received from **Mr. Harshvardhan Vishwas Kamble**  
Sum of Rs. **200 /-**  
for Analysis of Particle Size & FTIR

		Amount (Rs.)
403083	Other Service Charges	200.00
<b>Total Rs.</b>		<b>200.00</b>

Rs. Two Hundred Only  
Reference:

*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth Vadgaon, Dist. Kolhapur.

Estd. 2009  
Ashokrao Mane College of Pharmacy  
Peth Vadgaon, Dist. Kolhapur

Section Head Accounts Office  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. Y. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Date: 20/06/2022

Ref. No.: 653/2021-22

To,  
 Principal,  
 Annasaheb Dange College of Pharmacy,  
 Ashta

Subject: Request for analysis of samples

Dear Sir/Madam,

With reference to subject cited above our M. Pharm. II year student is in need to perform the Fourier transforms Infrared spectroscopy (FTIR) study of his samples for dissertation work. He will pay the charges as per your rules. I request you to kindly do the needful to get his sample analyzed.

Thanking you,

1. Snehal Ashok Yesare

Yours faithfully,

FTIR = 05 x 100 = 500 RJ

Mr. Mote G.D.  
 27/06/22

*Dr. S. Y. Patil*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.



*Dr. S. Y. Patil*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santhe's  
**Annasaheb Dange College of B Pharmacy(2022-2023)**  
 Ashla, Tal. Walwa, Dist. Sangli PIN 416 301

Receipt No: **CR-165**  
 Date : **27/06/2022**

**CASH RECEIPT / CREDIT**

	Amount (Rs.)
Received from <b>Snehal Ashok Yesare</b> Sum of Rs. <b>500 /-</b> for Analysis of Sample FTIR	
403083 Other Service Charges	500.00
<b>Total Rs.</b>	<b>500.00</b>

Rs. Five Hundred Only

Reference:



*[Signature]*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.  
 Checked by

Section Head Accounts Office  
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Sant Dnyaneshwar Shikshan Santha <b>Annasaheb Dange College of B Pharmacy(2023-2024)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301	
<b>CASH RECEIPT / CREDIT</b>	
Receipt No: <b>CR-98</b> Date : <b>12/05/2023</b>	
Received from <b>Mr.Shubham Yadav</b> Sum of Rs. <b>2900 /-</b> for Analysis for Particle Size & zeta, FTIR	<b>Amount (Rs.)</b>
403083 Other Service Charges	2900.00
<b>Total Rs.</b>	<b>2900.00</b>

**Rs. Two Thousand Nine Hundred Only**

Reference:

*[Signature]*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.



Checked by

Section Head Accounts Office  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

## ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
 Founder President : LATE SHRI. ASHOKRAO MANE      President : SHRI. VIJAYSHANKAR MANE

---

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 669/2022-23      Date: 05/04/2023

To,  
 The Principal  
 Annasaheb Dange College of B Pharmacy,  
 Aastha, Tal. Hatkanangle,  
 Dist. Kolhapur, Maharashtra  
 416112

**Subject:** Formulation sample for FT-IR

Respected Sir,

With reference to the above cited subject. Ms. Swapnali Sanjay Patil, M. Pharm. Pharmaceutics Department. A Student of Ashokrao Mane College of pharmacy Peth Vadgaon studying and doing research work; would like to analyze their sample.

The details are as below:


Sr. No.	Name of student	Type of Instrument	No. of Samples
1.	Ms. Swapnali Sanjay Patil	FT-IR	3
2.	Ms. komal Tanaji Patekar	FT-IR	10

So, requesting you to extend your kind co-operation for the same.  
 Thanking you.

Ph  
Consider  
pd

FTIR = 13 x 100 = 1300 RS

(60)  
 No. note G-D  
 05/04/23



PRINCIPAL

Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

Principal

PRINCIPAL

Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.


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Sant Dnyaneshwar Shikshan Santha <b>Annasaheb Dange College of B Pharmacy(2022-2023)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301	
<b>CASH RECEIPT / CREDIT</b>	
Receipt No: <b>CR-606</b> Date : <b>31/03/2023</b>	
Received from <b>Ms. Swapnali Sanjay Patil</b> Sum of Rs. <b>1300 /-</b> for Analysis for FTIR	<b>Amount (Rs.)</b>
403083 Other Service Charges	1300.00
<b>Total Rs.</b>	<b>1300.00</b>


**Rs. One Thousand Three Hundred Only**

Reference:



Checked by   
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

Section Head Accounts Office  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
 Founder President : LATE SHRI. ASHOKRAO MANE  
 President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com  
 Date:

Ref. No.:

To,  
 The Principal  
 Annasaheb Dange College of B Pharmacy,  
 Ashta, Tal. Walwa,  
 Dist. Sangli, Maharashtra  
 416301

Subject: Formulation sample for Particle size

Respected Sir,

With reference to the above cited subject, Ms. Chole Divya Sambhaji, M. Pharmacy, Pharmaceutics Department. A Student of Ashokrao Mane college of pharmacy Pethvadgaon studying and doing research work; would like to analyze their sample for Particle size.

The details are as below:

Sr. No.	Name of student	Type of Analysis	No. of Samples
1.	Ms. Chole Divya Sambhaji	Particle Size Analysis	09

So, requesting you to extend your kind co-operation for the same.  
 Thanking you.

*Plz consider*

*P. Size = 09 x 100 = 900  
 2ekx = 02 x 200 = 400  
 1300.25*

Seal of Organization



*Go  
 01/04/23*

*[Signature]*  
 Principal

*[Signature]*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santha <b>Annasaheb Dange College of B Pharmacy(2022-2023)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301		Receipt No: <b>CR-603</b> Date : <b>31/03/2023</b>
<b>CASH RECEIPT / CREDIT</b>		
Received from <b>Mr. Chole Divya Sambhaji</b> Sum of Rs. <b>1300</b> /- for Analysis for Partical Size & zeta Potentinal		<b>Amount (Rs.)</b>
403083	Other Service Charges	1300.00
<b>Total Rs.</b>		<b>1300.00</b>

**Rs. One Thousand Three Hundred Only**

Reference:



  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

Checked by

Section Head Accounts Office  
Page 1 of 1



CASHIER

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
 Founder President : LATE SHRI. ASHOKRAO MANE  
 President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com  
 Date:

Ref. No.:

To,  
 The Principal  
 Annasaheb Dange College of B Pharmacy,  
 Ashta, Tal. Walwa,  
 Dist. Sangli, Maharashtra  
 416301

Subject: Formulation sample for Particle size

Respected Sir,

With reference to the above cited subject. Ms. Sakshi Anil Patil, M.pharm. Pharmaceutics Department. A Student of Ashokrao Mane College of Pharmacy, Peth-Vadgaon college studying and doing research work; would like to analyze their sample for Particle size.

The details are as below:

Sr. No.	Name of student	Type of Analysis	No. of Samples
1.	Ms. Sakshi Anil Patil	Particle Size Analysis	1

So, requesting you to extend your kind co-operation for the same.  
 Thanking you.

*Handwritten:* p.size = 0.2 x 100 = 400 RY  
 zeta = 0.1 x 200 = 200 RY six hundred r.p.s

*Handwritten:* l.h. consider

Seal of Organization

*Handwritten:* (10) (600 RY) (600 RY) D. G. D. Sign of Principal  
 31/03/23

Remarks:



*Handwritten Signature:* D. G. D.  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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


Sant Dnyaneshwar Shikshan Santha s <b>Annasaheb Dange College of B Pharmacy(2022-2023)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301		Receipt No: <b>CR-600</b> Date : <b>31/03/2023</b>
<b>CASH RECEIPT / CREDIT</b>		
Received from <b>Ms.Sakshi Anil Patil</b> Sum of Rs. <b>600 /-</b> for Analysis for Partical Size & zeta Potentinal	Amount (Rs.)	
403083 Other Service Charges	600.00	
<b>Total Rs.</b>	<b>600.00</b>	

Rs. Six Hundred Only

Reference:



Checked by   
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

Section Head Accounts Office  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 2006

Founder President : LATE SHRI. ASHOKRAO MANE

President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 655/2022-23

Date: 29/03/2023

To,  
The Principal  
Annasaheb Dange College of B Pharmacy,  
Ashta, Tal. Walwa,  
Dist. Sangli, Maharashtra  
416301

Subject: Formulation sample for Particle size

Respected Sir,

With reference to the above cited subject, Ms. Komal Dagadu Mohite, M.Pharm, Pharmaceutics Department, A Student of our college studying and doing research work, would like to analyze their sample for Particle size.

The details are as below:

Sr. No.	Name of student	Type of Analysis	No. of Samples
1.	Ms. Komal Dagadu Mohite	Particle Size Analysis	6+03

So, requesting you to extend your kind co-operation for the same.

Thanking you.

*Plz  
Consider  
Ad*

*P. size = 0.9 x 100 = 900 RJ  
rela = 0.6 x 100 = 1200 RJ  
(2100 RJ)*

Seal of Organization



*[Signature]*  
Principal

*[Signature]*  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santha s <b>Annasaheb Dange College of B Pharmacy(2022-2023)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301	
<b>CASH RECEIPT / CREDIT</b>	
Receipt No: <b>CR-597</b>	
Date : <b>31/03/2023</b>	
Received from <b>Ms. Komal Daqadu Mohite</b> Sum of Rs. <b>2100 /-</b> for Analysis for Partical Size & Zeta Potentioi	<b>Amount (Rs.)</b>
403083 Other Service Charges	2100.00
<b>Total Rs.</b>	<b>2100.00</b>

Rs. Two Thousand One Hundred Only

Reference:



Checked by   
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

Section Head Accounts Office  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Founder President : LATE SHRI. ASHOKRAO MANE

President : SHRI. MADHUSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.:

Date:

To,  
 The Principal  
 Annasaheb Dange College of B Pharmacy,  
 Ashta, Tal. Walwa,  
 Dist. Sangli, Maharashtra  
 416301

**Subject:** Formulation sample for Particle size

Respected Sir,

With reference to the above cited subject. Ms. Chole Divya Sambhaji. M. Pharmacy, Pharmaceutics Department. A Student of Ashokrao Mane college of pharmacy Pethvadgaon studying and doing research work; would like to analyze their sample for Particle size.

The details are as below:

Sr. No.	Name of student	Type of Analysis	No. of Samples
1.	Ms. Chole Divya Sambhaji	Particle Size Analysis	1/1/2023

So, requesting you to extend your kind co-operation for the same.  
 Thanking you.

*Handwritten initials*

*P. size 02 X 100*

*200 RJ*

*31/03/23*

Seal of Organization

Principal



*Handwritten signature*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santha s <b>Annasaheb Dange College of B Pharmacy(2022-2023)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301	
<b>CASH RECEIPT / CREDIT</b>	
Receipt No: <b>CR-598</b>	
Date : <b>31/03/2023</b>	
Received from <b>Ms.Chole Divya Sambhaji</b> Sum of Rs. <b>200 /-</b> for Analysis for Partical Size	<b>Amount (Rs.)</b>
403083 Other Service Charges	200.00
<b>Total Rs.</b>	<b>200.00</b>

Rs. Two Hundred Only

Reference:



*[Signature]*  
**PRINCIPAL**

Checked by

Ashokrao Mane College of Pharmacy,  
 Peth-Vadgaon, Dist. Kolhapur.

Section Head Accounts Office  
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
 Founder President : LATE SHRI. ASHOKRAO MANE

President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 635/A/2022-23

Date: 20/03/2023

To,  
 The Principal  
 Annasaheb Dange College of B Pharmacy,  
 Ashta, Tal. Walwa,  
 Dist. Sangli, Maharashtra  
 416301

Subject: Formulation sample for Particle size

Respected Sir,

With reference to the above cited subject, Ms. Jasmeen Jahangir Naikwadi, M. Pharmacy, Pharmaceutics Department. A Student of Ashokrao Mane college of pharmacy Pethvadgaon studying and doing research work; would like to analyze their sample for Particle size.

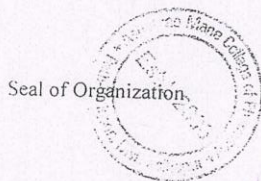
The details are as below:

*Plz  
 Consider  
 Sir*

Sr. No.	Name of student	Type of Analysis	No. of Samples
1.	Ms. Jasmeen Jahangir Naikwadi	Particle Size Analysis	13

So, requesting you to extend your kind co-operation for the same.  
 Thanking you.

*P. Size- 13 X 100 = 1300*



*(Mr. S.M. Honnmane)*  
 20/03/2023



*Jade*  
 Principal  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.  
*Jade*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Santhas <b>Annasaheb Dange College of B Pharmacy(2022-2023)</b> Ashta, Tal. Walwa, Dist. Sangli PIN 416 301	
<b>CASH RECEIPT / CREDIT</b>	
Receipt No: <b>CR-562</b>	
Date : <b>20/03/2023</b>	
Received from <b>Ms. Jasmin Jahangir Naikwadi</b> Sum of Rs. <b>1300</b> /- for Analysis for Partical Size	<b>Amount (Rs.)</b>
403083 Other Service Charges	1300.00
<b>Total Rs.</b>	<b>1300.00</b>

Rs. One Thousand Three Hundred Only

Reference:



Checked by

*[Signature]*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

Section Head Accounts Office  
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**BHARATI VIDYAPEETH  
COLLEGE OF PHARMACY, KOLHAPUR  
'SHARING OF HUMAN RESOURCES ACTIVITY'  
Under Lead College Scheme of Shivaji University, Kolhapur.**

To,

The Principal,  
Ashokrao Mane College of Pharmacy, Pethvadgaon

**Sub:** Appointment of experts to conduct Sharing of Human Resources activity under lead college scheme of Shivaji University, Kolhapur.

Dear Sir/Madam,

With reference to the subject cited above, please find the list of experts from your institute to conduct Sharing of Human Resources activity as per the schedule given below. You are therefore requested to make necessary arrangement and cooperation for the smooth conduction of the activity.

Center name	Faculty/expert name, contact no.	Date	Class	Topic
Sant Gajanan Maharaj College of Pharmacy, Mahagaon	Dr. Santosh Gejage Mobile: 9665388581	01 to 05 Feb 2020	UG/PG	Patent law management
Annasaheb Dange College of Pharmacy, Ashta	Mrs. S. V. Sutar Mobile: 9604260633	01 to 05 Feb 2020	UG/PG	Forced degradation and stability studies of drugs
College of Pharmacy, Medha	Mr. S. A. Bandgar Mobile: 8600009719	01 to 05 Feb 2020	UG/PG	BA and BE in drug development
Satara College of Pharmacy, Degaon	Mr. V. M. Patil Mobile: 9762314337	01 to 05 Feb 2020	UG/PG	Stereochemistry
GIPER, Limb	Dr. R. S. Bagali Mobile: 8788185450	01 to 05 Feb 2020	UG/PG	Chronopharmacology

Kindly requesting you to relieve the above-mentioned faculty of your college.

- Note:** 1) Concerned expert should confirm the time and date schedule from respective college.  
2) Expert should collect the attendance certificate from respective college after completion of the lecture. It is mandatory to conduct the activity before 5<sup>th</sup> Feb 20.  
3) Expert will be given minimum Rs. 1000/- remuneration from the respective allotted college.  
4) Honorarium amount of Rs. 1000/- per expert will be paid from Lead college for one session which will not be less than two hours **only after submission** of detail report consisting scanned copy of attendance certificate and honorarium voucher (signed scanned copy) to lead college email.

Thanking you.

Regards,

Mr. D. T. Gaikwad  
Secretary

Dr. H. N. More  
Chairman, Lead College Working Committee



**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Sant Dnyaneshwar Shikshan Sanstha's

**ANNA SAHEB DANGE COLLEGE OF B PHARMACY, ASHTA**

(Approved by AICTE, New Delhi, PCI, New Delhi, Govt. of Maharashtra and Affiliated to Shivaji University, Kolhapur)

ADCBP

128

Ref: ADCBP/10-20/164

Date: 01/02/2020

To,

**Mrs. S. V. Sutar**

Assistant Professor,

Dept of Pharmaceutical Chemistry,

Ashokrao Mane College of Pharmacy

Pethwadgaon, Dist- Kolhapur.

**LETTER OF APPRECIATION**

Dear Madam,

On the behalf of Annasaheb Dange College of Pharmacy, Ashta and Shivaji University, Kolhapur; we are exceedingly pleased for delivering lecture on 'Forced degradation and stability studies of Drugs' for Final B. Pharm (Sem-VIII) students as a part of **Sharing of Human Resources activity** under lead college scheme of Shivaji University Kolhapur. We have successfully concluded this programme by your auspicious presence and guidance on **Saturday, 01/02/2020**.

I sincerely express my deep sense of appreciation for gracing the occasion with valuable guidance to our students.

Thanking You.

Yours Truly,

Annasaheb Dange College of  
B Pharmacy, Ashta.  
Dr. R. B. Jadhav

*S. V. Sutar*  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

Ashta, Tal.-Walwa, Dist.-Sangli, Maharashtra - 416 301. Ph. 02342-241125, E-mail: principaladcbp@gmail.com

www.adcbp.in

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Original Article

## Development and Optimization of Capecitabine loaded Nanoliposomal System for Cancer Delivery

Sandip Mohan Honmane<sup>1</sup>, Sagar Maruti Chimane<sup>2</sup>, Sandip Akaram Bandgar<sup>2,\*</sup>, Shitalkumar Shivagonda Patil<sup>2</sup>

<sup>1</sup>Department of Pharmaceutics, Annasaheb Dange College of B. Pharmacy, Ashla, Shivaji University, Kolhapur, Maharashtra, INDIA.  
<sup>2</sup>Department of Pharmaceutics, Ashokrao Mane College of Pharmacy, Peth-Vadgaon, Shivaji University, Kolhapur, Maharashtra, INDIA.

### ABSTRACT

**Objectives:** The Main objective of this study was to develop and optimize Capecitabine loaded nanoliposomes for prolonged drug delivery in cancer treatment. **Methods:** Liposomes were prepared by the thin film hydration method followed by sonication. The parameters affecting the vesicle size and percentage drug entrapment of liposome are amount of soyaphosphatidyl choline and cholesterol used in their preparation. The Capecitabine liposomal formulation was optimized using 3<sup>2</sup> factorial design in this amount of soya Phosphatidylcholine and cholesterol were selected as two independent variables to obtain stable liposome with small vesicle size and maximum entrapment efficiency. **Results:** Compatibility studies were carried out by using FT-IR and DSC, the results showed that there was no significant interaction between drug and excipients. The formulated liposomal preparations were evaluated for various parameters and results were obtained for optimized batch (B3) Showed vesicle size 178.9nm, zeta potential -77.9mV to -82.7mV, entrapment efficiency 79.65% and percentage drug release 92.07% up to 12 h. **Conclusion:** Liposomal drug delivery is targeted as to provide more drug concentration at the site of action and with a sustainable drug release followed Higuchi-matrix model. Ultimately, reducing the dosing frequency with minimizing the side effects related to high drug intake. Liposome has been provided a spectrum of options and opportunities for designing and practicing site specific, targeted drug therapy.

**Key words:** Capecitabine, Liposome, 3<sup>2</sup> Factorial design, Percent drug entrapment, Release kinetics.

### INTRODUCTION

Nowadays cancer is the main cause of death in human beings after cardiovascular disease. The most common forms of cancer are breast, prostate, colon and lung cancers. Presently chemotherapy, hormonal, gene, surgery and radiation therapies are used to treat cancer. But chemotherapeutic agents are commonly preferred to treat cancer. However, due to high doses of these drugs cause toxic effects. Most common side effects like gastrointestinal problems and systemic side effects will appear in anticancer therapy.<sup>1</sup> Successfully translating anticancer nano medicines to demonstration of therapeutic value in the clinic is challenging. Despite liposomes have been proven

to be an ideal drug carrier that has a strong impact on the pharmacokinetics and tissue distribution of incorporated drugs, resulting in enhanced efficacy as well as greatly reduced systematic toxicity of drugs. Liposome have gained attention as a carrier system for a therapeutically active agent, owing to their unique characteristics, biocompatible, biodegradable, low toxicity, lack of opsonization and improves the pharmacokinetics and pharmacodynamics profile of therapeutic agent.<sup>2</sup> Structurally, liposomes are concentric bilayer vesicles of natural or synthetic phospholipid.<sup>3,4</sup> Due to their hydrophobic, hydrophilic and small size; liposomes are promising systems for drug

Submission Date: 30-08-2019;  
 Revision Date: 18-11-2019;  
 Accepted Date: 04-02-2020

DOI: 10.5530/ijper.54.2.43

Correspondence:  
 Mr. Sandip Akaram Bandgar

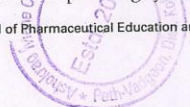
Department of Pharmaceutics, Ashokrao Mane College of Pharmacy, Peth-Vadgaon, Shivaji University, Kolhapur-416112, Maharashtra, INDIA.  
 Phone: +91-860009719  
 E-mail: sandiphonmane@gmail.com



www.ijper.org

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Indian Journal of Pharmaceutical Education and Research | Vol 54 | Issue 2 | Apr-Jun, 2020



PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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**Activities conducted under the MoU of Desai Ayurvedic Pvt. Ltd. Pethvadgaon.**

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॥ श्री धन्वंतरी प्रसन्न ॥


रजि. नं. आयु./ ९२३



## देसाई आयुर्वेदिक फार्मसी, मिणचे

२७८ ब, मु.पो. मिणचे, ता. हातकणंगले, जि. कोल्हापूर. पिन ४९६ ९०९

मोबा. नं. (ऑ) ८४५९२८८३५३, (नि.) ९८२३२५६३५०



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जावक क्र. \_\_\_\_\_ दिनांक :    /    / २०

**To Whomsoever It May Concern,**

This is to certify that has Mr. Pradip G. Gawkar student of Ashokrao Mane College of Pharmacy Pethvadgaon has successfully completed the Industrial Training in Desai Ayurvedic Pharmacy, Minche in Production, Quality Control and Packaging department from 5<sup>th</sup> April 2021 to 24<sup>th</sup> April 2021.

During the training he was found sincere and hard working.  
Wishing him best wishes for his future endeavour.

With regards



*Pradip G. Gawkar*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

*KK Desai*  
देसाई आयुर्वेदिक फार्मसी  
२७८/ब, मिणचे, ता. हातकणंगले,  
जि. कोल्हापूर - ४९६ ९०९

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॥ श्री धन्वंतरी प्रसन्न ॥

रजि. नं. आयु./ ९२३



## देसाई आयुर्वेदिक फार्मसी, मिणचे



२७८ ब, मु.पो. मिणचे, ता. हातकणंगले, जि. कोल्हापूर. पिन ४१६ १०९

मोबा. नं. (ऑ) ८४५९२८८३५३, (नि.) ९८२३२५६३५०

जावक क्र.

दिनांक : / /२०

### To Whomsoever It May Concern,

This is to certify that has Mr. Sourabh S. Kamble student of Ashokrao Mane College of Pharmacy Pethvadgaon has successfully completed the Industrial Training in Desai Ayurvedic Pharmacy, Minche in Production, Quality Control and Packaging department from 5<sup>th</sup> April 2021 to 24<sup>th</sup> April 2021.

During the training he was found sincere and hard working.

Wishing him best wishes for his future endeavour.

With regards



*Sourabh S. Kamble*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.


*KK Desai*  
देसाई आयुर्वेदिक फार्मसी  
२७८/ब, मिणचे, ता. हातकणंगले,  
जि. कोल्हापूर - ४१६ १०९

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**Activities conducted under the MoU of The Indian Pharmaceutical Association, Local Branch Kolhapur.**

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
Principal : **Dr. S.V. PATIL** Founder President : **LATE SHRI. ASHOKRAO MANE** President : **SHRI. VIJAYSINH MANE**

---

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

---

Ref. No.: **328/2021-22** Date: **03/02/2022**

To,  
The Chairman,  
IPA-Kolhapur Local Branch,

**Subject: National Level E- Poster Competition for Pharmacy students.**


Respected Sir,



In connection with the above subject we, Ashokrao Mane Pharmacy College, Peth Vadgaon, Womens College of Pharmacy, Peth Vadgaon, Ashokrao Mane Institute of Pharmacy, Ambap and Ashokrao Mane Institute of Pharmaceutical Sciences and Research, Save are planning to organize online national level e-Poster competition for Pharmacy students. It's our humble request to sponsor the program under IPA Kolhapur Local branch.

We all know that IPA Kolhapur branch has given enormous contribution in couple of years in the field of pharmacy. It will be our privilege if we get an opportunity to work in collaboration with you. We believe that your contribution to this field is unparalleled and will be of great benefit. This program is scheduled in the third week of February 2022 and will be held on Online Mode.

So we request you to give an opportunity to conduct this event in collaboration with IPA Kolhapur Local branch.

Thanks and Regards



  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

  
  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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<p><b>TOPICS FOR POSTER PRESENTATION</b></p> <ol style="list-style-type: none"> <li>3D printing of medicines</li> <li>Herbal Medicines in COVID-19</li> <li>Pharmacogenomics</li> <li>Current trends in drug discovery research</li> </ol> <p><b>INSTRUCTIONS FOR POSTER PRESENTATION</b></p> <ol style="list-style-type: none"> <li>No registration fees.</li> <li>Language of presentation should be English.</li> <li>The competition is only for M.Pharmacy students of Maharashtra State only.</li> <li>Last date of registration &amp; submission of E-Poster &amp; Video is 20<sup>th</sup> February 2022.</li> <li>The video should be submitted in MP4 format with size of 40 MB of duration not exceed 5 minutes.</li> <li>Maximum two entries will be accepted per institute.</li> <li>Kindly fill &amp; upload poster and video clip by using given registration link.</li> <li>Decision given by judges will be final.</li> <li>Presenters face and Poster should be visible clearly during Presentation.</li> <li>E-certificate will be given to all participants after filling feedback form.</li> <li>During presentation all students should wear their college ID card.</li> </ol>	<p><b>PATRON</b></p> <p><b>Hon. Shri. Vijaysinh A. Mane</b> President, Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap</p> <p><b>Hon. Mrs. Manisha V. Mane</b> Z. P. Member, Kolhapur</p> <p><b>ORGANIZING COMMITTEE</b></p> <p><b>CONVENOR</b></p> <p>Dr. N. B. Chougule, Principal, AMIP, Ambap Dr. D. R. Jadge, Principal, WCOP, Peth Vadgaon Dr. S. V. Patil, Principal, AMCP, Peth Vadgaon Dr. A. S. Kulkarni, Principal, AMIPSR, Save</p> <p><b>CO-ORDINATORS</b></p> <p>Dr. P. S. Patil (Mob. 9766701040) Dr. S. B. Sutar (Mob. 7276114156) Mr. S. S. Shelke (Mob. 9860601550) Ms. N. K. Mujawar (Mob. 7709720763)</p> <p><b>Registration Link</b> <a href="https://forms.gle/7cBNpmEw49wdbk18">https://forms.gle/7cBNpmEw49wdbk18</a></p> <p><b>PRIZES</b></p> <p>First Prize Rs. 3000/- Second Prize Rs. 2000/- Third Prize Rs. 1000/-</p>	 <p>Late. Shri. Ashokrao Mane Founder President, Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap</p> <p><b>A STATE LEVEL E-POSTER COMPETITION FOR M. PHARM STUDENTS</b> 20<sup>th</sup> February 2022</p> <p><b>Organized By</b></p> <p><b>ASHOKRAO MANE INSTITUTE OF PHARMACY, AMBAP</b></p> <p><b>WOMENS COLLEGE OF PHARMACY, PETH VADGAON</b></p> <p><b>ASHOKRAO MANE COLLEGE OF PHARMACY, PETH VADGAON</b></p> <p><b>ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, SAVE</b></p> <p><b>CO-ORDINATORS</b></p>  <p>INDIAN PHARMACEUTICAL ASSOCIATION (IPA) LOCAL BRANCH KOLHAPUR. Email: mpharmposter@gmail.com Website: www.amgkolhapur.com</p>
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*Principals*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Branch: KODOLI

To: ASHOKRAO MANE COLLEGE OF PHARMACY PETH VADGAON

Dear Sir/Madam,  
The following cheque has been returned by the paying bank for the reason stated below.

Depositor Account No :	577001010050326	Date of Processing:	18-08-2022	Confirmation id :	6978049
Cheque Amount :	5000.00	Cheque No :	961326	Job :	6406
Reason for the return :	Refer to drawer	Paying Bank details :	STATE BANK OF INDIA	Item Seq No :	10805236189
Return Reason Comment:	19-08-2022				

Date of Return: 19-08-2022  
This is a computer generated print out and no signature required.

VALID UPTO 30 DAYS AFTER ISSUANCE DATE

A/c No. 36049475428

CURRENT A/C

PREFIX: 0438203004

UNION BANK OF INDIA, KODOLI BR.

THE INDIAN PHARMACEUTICAL ASSOCIATION

President: [Signature]  
Treasurer: [Signature]

Multi-City Cheque Payable at Para/LAL Branches of SBI

\*9613261\* 4160025241: 0001611\* 29






[Signature]  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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**Activities conducted under the MoU of Vasantidevi Patil Institute of Pharmacy, Kodoli.**

**BHARATI VIDYAPEETH  
COLLEGE OF PHARMACY, KOLHAPUR**

Ranked 62<sup>nd</sup> in India by NIRF, MHRD, New Delhi  
Approved by AICTE and PCI, New Delhi  
Permanently Affiliated to Shivaji University, Kolhapur & included in list under Sect: 2 (F) & 12 (B) of UGC Act, 1956

FOUNDER & CHANCELLOR <b>Dr. Patangrao Kadam</b> M. A. L.L.B. Ph. D.	B. Pharm. Course Re-accredited by NBA, New Delhi Lead College-Shivaji University, Kolhapur Near Chitranagari, Kolhapur-416013 (MS)	PRINCIPAL <b>Dr. H. N. More</b> M. Pharm. Ph.D.
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**BV/CPK/ SHR-Lead College-121 /2021-2022** **Date: 28/02/2022**

To,  
The Principal,  
Ashokrao Mane College of Pharmacy, Pethvadgaon

Sub: Appointment of experts to conduct Sharing of Human Resources activity under lead college scheme of Shivaji University, Kolhapur.

Dear Sir/Madam,


With reference to the subject cited above, please find the list of experts from your institute to conduct Sharing of Human Resources activity as per the schedule given below. You are therefore requested to make necessary arrangement and cooperation for the smooth conduction of the activity.


Allotted Centre	Faculty/expert name	Date	Class	Area of Expertise
Bharati Vidyapeeth College of Pharmacy, Kolhapur	Dr. Anand P. Gadad	02 to 15 March 2022	UG/PG	Incompatibility
	Mr. P. B. Patil			Pharmaceutical Chemistry, Pharmaceutical Analysis
	Mrs. Pranali Pradeep Patil			Analytical Chemistry Stress degradation study Standardization of Herbal formulation Pharmaceutical Inorganic Chemistry
Vasantidevi Patil Institute of Pharmacy, Kodoli	Dr. Pravin Subhash Patil			NDDS
	Ms. Sarika Suryawanshi			Dosage form development
	Dr. Udugade Babaso Vitthal			Analytical Chemistry Medicinal Chemistry

Kindly requesting you to relieve the above-mentioned faculty of your college.

**Note:** 1) Concerned expert should confirm the time, date schedule and topic from respective allotted centre.  
 2) Expert should collect the attendance certificate from respective college after completion of the lecture. It is mandatory to conduct the activity before 15<sup>th</sup> March 2022.  
 3) Expert will be given minimum Rs. 1000/- remuneration from the respective allotted college.  
 4) Honorarium amount of Rs. 1000/- per expert will be paid from Lead college for one session which will not be less than two hours **only after submission** of detail report consisting scanned copy of **attendance certificate** and **honorarium voucher** (signed scanned copy) from each expert to lead college email.

Regards,

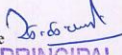
  
**Dr. D. T. Gaikwad**  
 Secretary,  
 Lead College Working Committee

  
**Dr. H. N. More**  
 Chairman,  
 Lead College Working Committee

Enclosed: Honorarium voucher/ Receipt

Web: <http://copkolhapur.bharatividyapeeth.edu>


E-mail: [bvcpkcl@rediffmail.com](mailto:bvcpkcl@rediffmail.com)

  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.


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Ph: (02328) 223341  
Fax: (02328) 222089

  
VASANTIDEVI PATIL  
INSTITUTE OF PHARMACY

Institute Code-Shivaji University -669  
Institute Code-DTE-6491



**VASANTIDEVI PATIL INSTITUTE OF PHARMACY (B.PHARM), KODOLI**  
Tal: Panhala, Dist: Kolhapur (M.S.) - 416114  
(Recognized by PCI, AICTE, DTE & Govt. of Maharashtra, Affiliated to Shivaji University, Kolhapur)

VPIP-2430-2022 DATE-10/3/2022

**LETTER OF APPRECIATION**

To,  
Dr. Pravin Patil  
Assistant Professor  
Ashokrao Mane College of Pharmacy,  
Peth Vadgaon

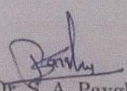
Academic and research is your expertise so, keeping this in mind, we have organized an expert talk on 10<sup>th</sup> March, 2022 at our institution under Shivaji University Kolhapur, Lead College Activity "Sharing of Human Resources" 2021-2022.


We accolade and applause of your efforts by accepting our request and delivering a lecture on "Absorption" on both a professional and a personal level. I really appreciate the time that you have spend for rising awareness among students about developing the knowledge about Absorption.

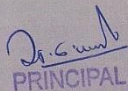
Your session was informative coupled with the unbounded enthusiasm and ever-lasting bang on the students.

Please accept our sincere thanks and appreciation.

Regards

  
Dr. S. A. Payghan  
Principal  
Vasantidevi Patil Institute of Pharmacy  
Kodoli, Tal. Panhala, Dist. Kolhapur



  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Ph: (02328) 223341  
Fax: (02328) 222089



VASANTIDEVI PATIL  
INSTITUTE OF PHARMACY

Institute Code-Shivaji University -669  
Institute Code-DTE-6491

## VASANTIDEVI PATIL INSTITUTE OF PHARMACY (B.PHARM), KODOLI

Tal: Panhala, Dist: Kolhapur (M.S.) - 416114  
(Recognized by PCI, AICTE, DTE & Govt. of Maharashtra, Affiliated to Shivaji University, Kolhapur)

VPIP/2438/2022

DATE: 10/3/2022

### LETTER OF APPRECIATION

To,  
Dr. Babaso Udugade  
Associate Professor  
Ashokrao Mane College of Pharmacy,  
Peth Vadgaon

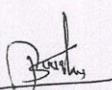
Academic and Research is your expertise, so keeping this in mind, we have organ an expert talk on 10<sup>th</sup> March, 2022 at our institution under Shivaji University Kolhapur, I College Activity "Sharing of Human Resources" 2021-2022.

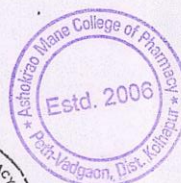
We accolade and applause of your efforts by accepting our request and deliverin lecture on "Genetic Information Transfer" on both a professional and a personal level, I re appreciate the time that you have spend for rising awareness among students al developing the knowledge about Absorption.

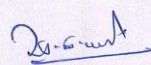
Your session was informative coupled with the unbounded enthusiasm and ever-last bang on the students.

Please accept our sincere thanks and appreciation.

Regards

  
Dr. S. A. Payghan  
Principal  
Vasantidevi Patil Institute of Pharmacy  
Kodoli, Tal. Panhala, Dist. Kolhapur



  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

E-mail: vpip669.pc@unishivaji.ac.in Website: www.vpipkodoli.com

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Ph: (02328) 223341  
Fax: (02328) 222089



VASANTIDEVI PATIL

Institute Code-Shivaji University -669  
Institute Code-DTE-6491

### VASANTIDEVI PATIL INSTITUTE OF PHARMACY (B.PHARM), KODOLI

Tal: Panhala, Dist: Kolhapur (M.S.) - 416114  
(Recognized by PCI, AICTE, DTE & Govt. of Maharashtra, Affiliated to Shivaji University, Kolhapur)

VPIP/2424/2022

DATE: 03/3/2022

### Invitation

To,  
Ms. Sarika Suryawanshi  
Assistant Professor  
Ashokrao Mane College of Pharmacy,  
Peth Vadgaon

Reference: BV/CPK/ SHR-Lead College-121 /2021-2022 Date: 28/02/2022

Subject: Invitation for expert talk on topic: "Physical Pharmaceutics-Rheology".

Madam,

With reference to the subject cited above, you are invited as expert to conduct Sharing of Human Resources Activity under Lead College Scheme of Shivaji University, Kolhapur.

Nurturing creativity and inspiring innovation are the key elements of a successful education. Vasantidevi Patil Institute of Pharmacy, Kodoli established in 2003 with the aim to enhance the quality education in the field of Pharmacy and empower the quality pharmacist to serve the society. It strives for an intellectual endeavor that focuses on critical and creative thinking, while the aim of social transformation.

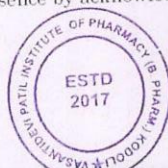
Your guidance will definitely provide a platform to students for developing and applying their skills which will explore them to the world of pharmacy, where skills are recognized, respected, and rewarded. Keeping this mind we are organized an expert talk on topic of "Physical Pharmaceutics-Rheology" on 09<sup>th</sup> March, 2022 under Shivaji University Kolhapur, Lead College Activity "Sharing of Human Resources" 2021-2022.

For the same I would like to invite you to deliver an expert talk on topic of "Physical Pharmaceutics-Rheology". Your valuable guidance will really be beneficial for the students as well as institution. So, kindly confirm your presence by acknowledging this invitation.

Thanking you,

Regards,.....

Dr. S. A. Panyan  
Principal



*S. A. Panyan*  
PRINCIPAL

Ashokrao Mane College of Pharmacy,  
Peth-Vadgaon, Dist. Kolhapur.

E-mail: vpi669.pc@unishivaji.ac.in Website: www.vpipkodoli.com

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Ph: 02130 52344  
Fax: 02130 52089



Institute Code-Shivaji University -669  
Institute Code-DTE-6491

VASANTIDEVI PATIL

**VASANTIDEVI PATIL INSTITUTE OF PHARMACY (B.PHARM), KODOLI**

Tal. Panhala, Dist. Kolhapur (M.S.) - 416114  
(Recognized by P.T. A.C.B., D.H. & Govt. of Maharashtra, Affiliated to Shivaji University, Kolhapur)

VIPI 7493-2022

DATE: 03/03/2022

**LETTER OF APPRECIATION**

To,  
Ms. Sarika Suryawanshi  
Assistant Professor  
Ashokrao Mane College of Pharmacy,  
Peth Vadgaon

Academic and social excellence with developing the knowledge of host's adaptive and the effects of dosage forms on their environment by addressing issues at the molecular level. Keeping this in mind, we have organized an expert talk on 09<sup>th</sup> March, 2022 at our institution under Shivaji University Kolhapur, Lead College Activity "Sharing of Human Resources" 2021-2022.

We accolade and applause of your efforts by accepting our request and delivering a lecture on "Physical Pharmaceutics-Rheology" on both a professional and a personal level, I really appreciate the time that you have spend for rising awareness among students about developing the knowledge about Rheology.

Your session was informative coupled with the unbounded enthusiasm and ever-lasting bang on the students.

Please accept our sincere thanks and appreciation.

Regards

Dr. S. A. Payghan  
Principal

Vasantidevi Patil Institute of Pharmacy  
Kodoli, Tal. Panhala, Dist. Kolhapur

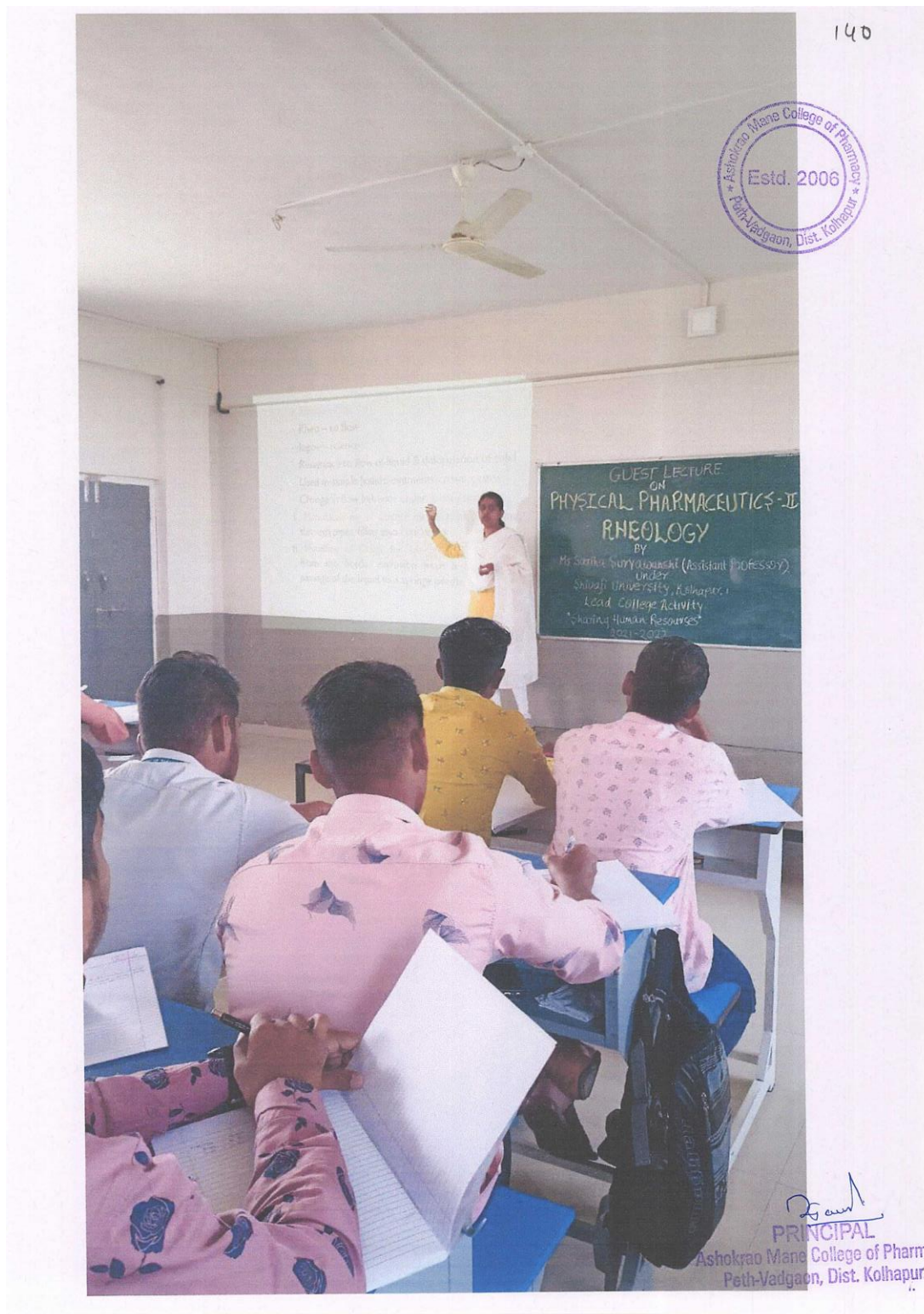


PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

E-mail: vpipk669.pc@unishivaji.ac.in Website: www.vpipkodoli.com

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**Activities conducted under the MoU of Tatyasaheb Kore College of Pharmacy,  
Warananagar.**

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**  
AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE  
Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 537/2017-18 Date:- 3 APR 2018

To,  
Principal  
Tatyasaheb Kore College of Pharmacy,  
Warananagar.

**Subject:** Permission to carryout M. Pharm project work on High Pressure Homogenizer.

Dear Sir,  
With respect to above cited subject One of our final year M.Pharm student Miss. Pranali. M. Dhavale doing her project work on the topic Solid lipid Nanoparticles. For continuing her research work, she requires high pressure homogenizer which is available at your institute. I request you to grant her permission to work at your institute. We are ready to pay the charges for the same, if any.  
Kindly give permission to work on the same.

Thanking You.

*Prof. Manjappa*  
Fes necessary support.

*f* 6.4.18

*Dr. S.S.Patil*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth - Vadgaon, Dist. Kolhapur.

no. of samples = 02  
volume of sample = 50 ml  
charges per sample = 300/-  
Total charge: Rs: 600/-

*D. S. S. Patil*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 520/2018-19

Date: 18 FEB 2019

To,  
The Principal,  
Tatyasaheb Kore College Of Pharmacy,  
Warananagar.

Subject- About FTIR study of samples

Dear Sir,

With respect to above cited subject one of our M. Pharm II year student Miss. Aditi Prakash Sutar is in need of performing FTIR study of sample at your esteemed institute.

She will pay the charges for the same, if any. I request you to kindly do the needful for the same.

Thanking you,

*(Signature)*  
**Dr. S.S. Patil**  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth - Vadgaon, Dist. Kolhapur.



*one sample*  
*Rs = 100/-*  
*18.2.19*

*(Signature)*  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No. 521/2018-19

Date: 18 FEB 2019

To,  
The Principal,  
Tatyasaheb Kore College Of Pharmacy,  
Warananagar.

Subject- About FTIR study of samples

Dear Sir,

With respect to above cited subject one of our M. Pharm II year student Miss. Miss. Neha Jaysing Patil is in need of performing FTIR study of sample at your esteemed institute.

She will pay the charges for the same, if any. I request you to kindly do the needful for the same.

Thanking you,

**Dr. S.S. Patil**  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth - Vadgaon, Dist. Kolhapur.



one sample

Rs = 150/-

18.2.19

**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax: 0230-2471361, E-mail: cobbpharm@gmail.com

Ref. No.: 610/2018-19

Date: 12 APR 2019

To,  
The Principal,  
Tatyasaheb Kore College of Pharmacy,  
Warnanagar.

12 April 2019

2018-19/2

Subject: About FTIR study of samples.

Dear Sir,

With respect to above cited subject one of our M.Pharm II year student Miss. Aditi Prakash Sutar is in need of performing FTIR study of sample at your esteemed institute.

She will pay the charges for the same, if any. I request you kindly do the needful for the same.

Thanking you.

Dr. S. S. Patil  
Principal

12.4.19



*(Signature)*

Dr. S. S. Patil

PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth - Vadgaon, Dist. Kolhapur.

*(Signature)*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S. S. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 72/2019-20

Date: 31/07/2019

To,  
The Principal,  
TKCP, Warnanagar,  
Kolhapur

Subject: Regarding research sample IR spectroscopy.

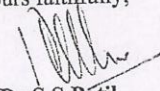
Respected sir,

Mrs. Pallavi A. Patil a PHD student of our institute wants to perform IR spectroscopy for her research work.

Please allow & oblige

Thanking you,


Yours faithfully,

  
Dr.S.S.Patil  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth - Vadgaon, Dist. Kolhapur.

Dr. S. S. Patil  
For approval pls  
31/7/19



  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Principal : Dr. S.V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: cophpharm@gmail.com

Ref. No.: 22/2022-23

Date: 11-07-2022

To,  
 The Principal,  
 T.K.C.P. Warananagar.

Subject: Request to carry out practical work at your college.

Respected sir,

One of our M. Pharm II Year student, Mr. Omkar Rangrao Suryawanshi is working on the project titled "Development and Evaluation of Mouth Dissolving Tablet of an Antimalarial Drug". For that he needs to compress tablets in single punch 12 mm die which is available at your college. So, I request you to allow him to carry his work at your college on your apparatus. If required, he will pay charges as per your college norms.

Requesting you to allow him for his work.

Thanking you

Dr. S.V. Patil  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

Prof. Satyaji Chopade  
 For n. approval plz

12-7-22



PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Founder President : LATE SHRI. ASHOKRAO MANE

President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 642/2022-23

Date: 23/02/2023

To,  
The Principal  
Tatyasaheb Kore College of B Pharmacy,  
Warana, Tal. Hatkanangale,  
Dist. Kolhapur

**Subject:** Formulation sample for Probe sonicator

Respected Sir,

With reference to the above cited subject, Ms. Swapnali Sanjay Patil, M. Pharm, Pharmaceutics Department. A Student of Ashokrao Mane College of pharmacy Peth vadgaon studying and doing research work; would like to analyze their sample for Particle size reduction.

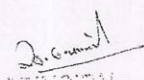
The details are as below:

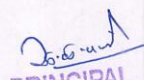
Sr. No.	Name of student	Type of Instrument	No. of Samples
1.	Ms. Swapnali Sanjay Patil	Probe sonicator	2

So, requesting you to extend your kind co-operation for the same.  
Thanking you.

Prof. Papat  
For the principal  
22.2.23



  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth Vadgaon, Dist. Kolhapur

  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
Founder President : LATE SHRI. ASHOKRAO MANE      President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: To. 536/2022-23

Date: 20/03/2023

The Principal  
Tatyasaheb Kore College of Pharmacy,  
Warnanagar  
Dist. Kolhapur,  
Maharashtra  
416113

Subject: Formulation sample for High pressure homogenizer

Respected Sir,

With reference to the above cited subject, Ms. Komal Dagadu Mohite M.pharm, Pharmaceutics Department. A Student of Ashokrao Mane College of Pharmacy Pethvadgaon studying and doing research work; would like to analyze their sample for High Pressure homogenizer.

The details are as below:

Sr. No.	Name of student	Type of Instrument	No. of Samples
1.	Ms. Shreyasi Dagadu Kadam	High pressure homogenizer	3
2.	Ms. Komal Dagadu Mohite	High pressure homogenizer	3

So, requesting you to extend your kind co-operation for the same.  
Thanking you.

Seal of Organization

Bal. Papat  
For n. perusal  
28.3.23



Principal  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006  
Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 640/2022-23

Date: 23/3/2023

To,  
The Principal  
Tatyasaheb kore College of Pharmacy,  
Warana, Tal. Hatkanangle,  
Dist. Kolhapur,

Subject: Formulation sample for High pressure homogenizer

Respected Sir,

With reference to the above cited subject. Ms. Shreyasi Dagadu Kadam, M.pharm, Pharmaceutics Department. A Student of Ashokrao Mane College of pharmacy Pethvadgaon studying and doing research work; would like to analyze their sample for Particle size reduction.

The details are as below:

Sr. No.	Name of student	Type of Instrument	No. of Samples
1.	Ms. Shreyasi Dagadu Kadam	High pressure homogenizer	3
2.	Ms. Komal Dagadu Mohite	High pressure homogenizer	3

So, requesting you to extend your kind co-operation for the same.  
Thanking you.

*Psg. Dr. Jay Popat*  
*for D. Prasad*  
*28.3.23*



*Dr. G. S. G. G.*  
Ashokrao Mane College of Pharmacy,  
Peth Vadgaon, Dist. Kolhapur.

*Dr. G. S. G. G.*  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy,  
Peth-Vadgaon, Dist. Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM / 2005 / 003, Dt. 30 May 2006

Founder President : LATE SHRI. ASHOKRAO MANE

President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 671/2022-23

Date: 06/04/2023

To,  
The Principal  
Tatyasaheb Kore College of Pharmacy,  
Warana, Tal. Panhala,  
Dist. Kolhapur, Maharashtra  
416112

**Subject:** Formulation sample for High pressure homogenizer

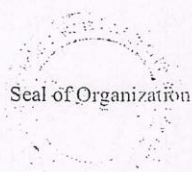
Respected Sir,

With reference to the above cited subject, Ms. Pooja Vasant Nandnikar, M.Pharm. Pharmaceutics Department. A Student of Ashokrao Mane College of pharmacy Peth Vadgaon studying and doing research work; would like to analyze their sample for Particle size reduction.

The details are as below:

Sr. No.	Name of student	Type of Instrument	No. of Samples
1	Ms. Pooja Vasant Nandnikar	High pressure homogenizer	3

So, requesting you to extend your kind co-operation for the same.  
Thanking you.



Prof. Popat  
For approval  
PO  
6.4.23



Principal

Principal  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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## A remarkable in vitro cytotoxic, cell cycle arresting and proapoptotic characteristics of low-dose mixed micellar simvastatin combined with alendronate sodium

Sandip A. Bandgar<sup>1,2</sup> · Namdeo R. Jadhav<sup>2</sup> · Arehalli S. Manjappa<sup>3</sup>

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### Abstract

The objective of the present study was to screen the effect of increased simvastatin (SVS) solubility, through mixed micelles as a model approach, on in vitro anticancer efficacy in combination with hydrophilic alendronate sodium (ADS) as a strategy to improve therapeutic efficacy and to repositioning the existing drugs. The SVS-loaded mixed micelles (SVS-MMs) composed of TPGS and Poloxamer-407 were prepared using the film dispersion method and characterized for SVS loading and mean particle size. The optimized SVS-MMs were physically mixed with plain ADS (SVS + ADS MMs) and screened for in vitro cytotoxicity using MTT assay and cell cycle arresting and apoptotic activities using FACS technique. The optimized SVS-MMs showed maximum SVS loading ( $97.3 \pm 2.3\%$ ) with minimum particle size ( $206 \pm 8$  nm). The SVS + ADS MM treatment significantly ( $P < 0.001$ ) inhibited the cell growth with low  $IC_{50}$  values against all cells (A549:  $0.037 \pm 0.028$   $\mu\text{g/mL}$ , MDAMB-231:  $0.172 \pm 0.031$   $\mu\text{g/mL}$ , PC-3:  $0.022 \pm 0.015$   $\mu\text{g/mL}$ ). Further, the SVS + ADS MM treatment significantly inhibited the cell multiplication in the S phase and resulted in high % of late apoptotic and necrotic cells at low concentration (0.05 and 0.15  $\mu\text{g/mL}$ ) as compared to other test samples. The above results revealed the significance of encapsulating SVS in the core of MMs (improved solubility), and high efficacy and quick effect of SVS + ADS MM treatment against all cell lines screened.

**Keywords** Simvastatin · Bisphosphonate · Mixed micelles · Cytotoxicity · Cell cycle arresting and apoptosis

### Introduction

Statins [3-hydroxy-3-methylglutaryl-CoA (HMG-CoA) reductase inhibitors], clinically used to reduce blood cholesterol levels, are the second-most prescribed drugs after analgesics and are also considered to be among the safest drugs [1]. In cell-based experiments (in vitro and experimental animal

models), the hydrophobic statins (simvastatin, lovastatin, and fluvastatin) have displayed inhibitory effects on many cancers [1, 2]. Schmidmaier et al. have proved (in phase II clinical study) the pivotal role of simvastatin (SVS) in reducing drug resistance by inhibition of HMG-CoA reductase and antimyeloma activity in humans [3]. Besides, many researchers are investigating SVS in clinic for the treatment and management of various cancers and associated metastasis (<https://clinicaltrials.gov/>).

Nitrogen-containing bisphosphonates (NBPs; alendronate sodium (ADS)) have been proved to reduce and delay bone complications from bone metastasis, and have been used in over 4 million patients worldwide for the treatment of bone metastasis from solid tumors, bone complications, and pain from multiple myeloma. In the clinic, NBPs have been demonstrated additional direct anticancer effects [4].

SVS and ADS are known to affect cholesterol metabolism and biosynthesis by inhibiting the mevalonate pathway via potentially inhibiting the critical enzymes of the mevalonate pathway (HMG-CoA reductase and farnesyl pyrophosphate synthase (FPPS) respectively), thus having the negative effects at

**Electronic supplementary material** The online version of this article (<https://doi.org/10.1007/s13346-020-00752-1>) contains supplementary material, which is available to authorized users.

✉ Namdeo R. Jadhav  
nrjadhav18@rediffmail.com

- Department of Pharmaceutics, Ashokrao Mane College of Pharmacy, Peth Vadgaon, Maharashtra 416112, India
- Department of Pharmaceutics, Bharati Vidyapeeth College of Pharmacy, Kolhapur, Maharashtra 416013, India
- Department of Pharmaceutics, Tatyasaheb Kore College of Pharmacy, Warananagar, Maharashtra 416113, India

Published online: 27 March 2020



PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

Springer

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**Activities conducted under the MoU of Rajarambapu College of Pharmacy, Kasegaon.**

**‘Sharing of Human Resources’ activity for the academic year 2021-22**

**Approved expert appointments for Sharing of Human Resources activity at your college**

Sr No	Name of faculty with designation	Name of College	Topics		Area of expertise	Allotted College
			UG	PG		
1)	Dr. Javeed Y Manure Asst. Prof.	ABCP, Sangli	IR Spectroscopy	--	Modern Techniques of Analysis	ADCP, Ashta
2)	Shri. Sachin G Lokapure Asst. Prof.		--	Intellectual Property Rights	Patent drafting, patent act, patent prosecution and granting procedure	ADCP, Ashta
3)	Smt. Pradnya P. Wadekar (Asst. Professor)		Role of free radicals in different diseases.		Role of free radicals in different diseases.	ADCP, Ashta
4)	Dr. Smt. P. L. Ladda		Therapeutic Drug monitoring	Recombinant DNA Technology	Pharmacology, Molecular Biology	DSKCP, Digranj
5)	Dr. Smt. T. S. Shikalgar		Congestive Cardiac failure	Acute and Chronic toxicity studies	Pharmacology, Toxicology	DSKCP, Digranj
6)	Dr. Smt. Preeti G. Karade Assistant Prof.		Flow of fluids, Heat Transfer	--	Pharmaceutical Engineering	DSKCP, Digranj
7)	Dr. Jagtap R. S. Associate Professor	ADCP, Ashta	<b>Subject:</b> Pharmaceutical Biotechnology Semester-VI <b>Topics:</b> Fermentation methods and general requirements, study of media, equipments, sterilization methods, aeration process, stirring Recombinant DNA technology. Application of genetic engineering in medicine		Pharmaceutics	ABCP, Sangli
8)	Dr. Tamboli E. T. Associate Professor		<b>Subject:</b> Pharmacognosy and phytochemistry-I Semester IV <b>Topics:</b> Plant tissue culture: Historical development of plant tissue culture, Nutritional requirements, growth and their maintenance.		Pharmacognosy and phytochemistry	ABCP, Sangli
9)	Mr. Pattekar S. N.		<b>Subject:</b>		Pharmaceutics	ABCP, Sangli

  
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 Peth-Vadgaon, Dist. Kolhapur.

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	Assistant Professor		Physical Pharmaceutics-II Semester IV <b>Topics:</b> Micromeritics, Rheology, Colloidal dispersions, Coarse dispersions, Drug Stability			
10)	Mr. Honmane S. M. Assistant Professor		<b>Subject:</b> Physical Pharmaceutics-II Semester IV <b>Topics:</b> Solubility and Solutions, Surfactant: Micellization, CMC, Adsorption Isotherm, Dispersed System, Drug Stability: Accelerated Stability study	Preformulation, Drug Discovery and Development	Pharmaceutics	DSKCP, Digraj
11)	Ms. Jadhav P. H. Assistant Professor		<b>Subject:</b> Pharmaceutical Analysis-I Semester I <b>Topic:</b> Fundamentals of acid-base titrations	----	Pharmaceutical Chemistry	DSKCP, Digraj
12)	Mr. Mote G. D. Assistant Professor		<b>Subject:</b> Pharmaceutical Organic Chemistry-III Semester- IV <b>Topics:</b> Optical Isomerism Geometrical Isomerism	----	Pharmaceutical Chemistry	DSKCP, Digraj
13)	Dr. Neha V. Bhilare Associate Professor Department of Pharmaceutical Chemistry		1. Impurities in Pharmaceutical Substances 2. Buffers in pharmaceutical systems and methods of adjusting isotonicity 3. Radiopharmaceuticals 4. Gastrointestinal agents		Prodrug Design and Bioanalytical method development	GCOP, Karad
14)	Ms. Pallavi L. Salve Assistant Professor	AGCOP, Jaitapur	First Year B. Pharm. Sem - I Pharmaceutical Inorganic Chemistry (TH) <b>Topics -</b> 1. Major extra and intracellular electrolytes. 2. Antimicrobial agents. First Year B. Pharm. Sem -II Biochemistry (TH) <b>Topics -</b>	--	Teaching Pharmaceutical inorganic chemistry, Biochemistry, Instrumental methods analysis with modern pedagogical tools and techniques.	GCOP, Karad




*D. S. ...*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy,  
Peth-Vadgaon, Dist. Kolhapur.


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			1. Carbohydrate metabolism Glycolysis – Pathway, energetics and significance 2. Citric acid cycle- Pathway, energetics and significance 3. Lipid metabolism β- Oxidation of saturated fatty acid (Palmitic acid)			
15)	Mr. Vinayak S. Marulkar		1. Titrimetric monograph assay methods with comparison of different analytical techniques 2. Electrochemical Methods: Fundamentals, Pharmacopoeial assays and applications		Pharmaceutical drug analysis and analytical method development, Drug design and development, Herbal drug development.	GCOP, Karad
16)	Dr. ANAND P. GADAD PROFESSOR DEPT. OF PHARMACEUTICS	AMCP, Pethvadgaon	PHARMACEUTICS I		INCOMPATIBILITY	BVCP, Kolhapur
17)	Mr. P. B. Patil Assistant Professor		Polarography, Acid base titration		Pharmaceutical Chemistry, Pharmaceutical Analysis	BVCP, Kolhapur
18)	Mrs. Pranali Pradeep Patil Assistant professor		Impurities in Pharmaceutical analysis	--	Analytical Chemistry Stress degradation study Standardization of Herbal formulation Pharmaceutical Inorganic Chemistry	BVCP, Kolhapur
19)	Dr. Pravin Subhash Patil			Gastro-Retentive Drug Delivery Systems	NDDS	VPIOP, Kodoli
20)	Ms. Sarika Suryawanshi			Dosage forms and prescription	Dosage form development	VPIOP, Kodoli
21)	Dr. Udugade Babaso Viithal (Associate Professor)			Biochemistry: Nucleic acid metabolism and genetic information transfer	-	Analytical Chemistry Medicinal Chemistry
22)	Dr. Dipak P. Mali Assist. Professor	BVCP, Kolhapur	1. Effect of substituents on reactivity and orientation of mono substituted benzene during electrophilic substitution reaction 2. DNA/RNA biosynthesis	Quality risk management	Organic Chemistry Biochemistry Quality Management System	TKCP, Warana

  
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Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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23)	Dr. N. R. Jadhav Professor and HOD of Pharmaceutics		Fundamentals of novel drug delivery systems	Design of novel drug delivery systems	Novel formulation design	TKCP, Warana
24)	Mr. Ravindra J Jarag Associate Professor		Pharmacovigilance Clinical Pharmacy Role of Pharmacist in Pharmacy Practice	Preclinical and toxicological testing of drugs Applications of Physiograph (Biopac-Mp-35 and Powerlab) Formulation and In vitro/In vivo evaluation of herbal/synthetic drugs	Clinical Research Phytopharmacovigilance Insilicopharmacology	TKCP, Warana
25)	Dr. Mrs. N. M. Bhatia Professor		cGMP, GLP, Validation, Regulatory agencies. Document maintenance in pharmaceutical industry Antineoplastics Prodrugs	General research methodology ICH Guidelines GLP cGMP Equipment/Instrument validation Method validation Cleaning Validation Pharmaceutical Quality Management Process Validation	Pharmaceutical Analysis Drug discovery	AMCP, Pethvadgaon
26)	Dr. P. B. Choudhari Assistant Professor		Computational Tools in Drug design and Discovery	Computational Tools in Drug design and Discovery	Drug Design	AMCP, Pethvadgaon
27)	Dr. D. A. Bhagwat Assistant Professor		1) Pharmaceutics (F. Y. B. Pharm. Sem-I) Topic: Suppositories 2) Industrial Pharmacy-I (T. Y. B. Pharm. Sem-V) Topic: Tablet Dosage Form	1) Modern Pharmaceutics (F. Y. M. Pharm. Sem-I) Topic: Preformulation Concept 2) Molecular Pharmaceutics (F. Y. M. Pharm. Sem-II) Topic: Micro Capsules/ Micro Spheres	Pharmaceutics, Industrial Pharmacy	AMCP, Pethvadgaon
28)	Mr. Pankaj Ashok Jadhav	DSKCP, Digraj	Pharmaceutical Dosage Forms Design		Pharmaceutical Dosage Forms	ABCP, Sangli




*[Signature]*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy,  
Peth-Vadgaon, Dist. Kolhapur.

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29)	Mr. Shankar Jaiprakash Joshi, Assistant Professor		Cardiac Arrhythmias and their Management	Cellular and Molecular Pharmacology – Gene Expression and Gene Regulation	Physiology, Pathophysiology and Pharmacology	ABCP, Sangli
30)	Dr. V. R. Aralelimath Principal & Professor		Pharmacology -III Sem VI		Chemotherapy	RCP, Kasegaon
31)	Dr. A. V. Belvotagi Professor		POC-III Sem IV AIT Sem VIII		Stereochemistry Hyphenated techniques	RCP, Kasegaon
32)	Dr. J. S. Mulla Asso. Prof.	SSCOP, Ghogaon	Research Methodology DDS	Research Methodology DDS	Literature Search	RCP, Kasegaon
33)	Mr. P. D. Lade Assistant Professor		QA Sem VI		Calibration and validation of equipments	AGCOP, Jaitapur
34)	Mr. M. N. Urade Assistant Professor		Pharmacology -III Sem VI		Anticancer agents Basics of Pharmacokinetics	AGCOP, Jaitapur
35)	Mr. A. M. Kadam Assistant Professor		Pharmacy Practice Sem VII		Clinical Pharmacy Drug Information Pharmaceutical Care	AGCOP, Jaitapur
36)	Ms. Supriya Patil	VPIOP, Kodoli	Stains and staining tech		Solubility enhancement of poorly water soluble drugs	TKCP, Warana
37)	Mr. A. A. Deshmukh		The changing nature of biomedical research-animal alternative		Preclinical research	TKCP, Warana
38)	Dr. Suresh G. Killedar Principal	SGMCOP, Mahagaon	Nutraceuticals and dietary supplements: A new avenue for pharma graduates	Phytochemical Investigations: Opportunities, Challenges and Future perspectives	Phytochemical investigations Herbal/Ayurvedic drug formulations Herbal NDDS Nutraceuticals	SCOP, Kolhapur
39)	Ms. Archana Dhole	RCP, Kasegaon		ICH guideline or CTD and eCTD	QA	AMCP, Pethvadgaon
40)	Dr. I. D. Raut		Basic understanding on pharmaceutical monophasic liquid dosage forms		NDDS, Nanotech., Particle engg.	AMCP, Pethvadgaon
41)	Mr. D. S. Gumate		Cardiovascular system		Anatomy and physiology	AMCP, Pethvadgaon
42)	Dr. D. S. Randive				Herbal nanoformulations	Formulation development and evaluation


  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.


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43)	Dr. Mangesh Anil Bhatkar Assistant Professor		Absorption and Distribution Marketing Pharmaceutical market Product decision Regulatory requirements for drug approval	Drug Absorption from the Gastrointestinal Tract Biopharmaceutic considerations in drug product design and In Vitro Drug Product Performance Transdermal Drug Delivery Systems Computational Modeling of Drug Disposition Regulatory requirements for drug approval	Formulation Development, Biopharmaceutics, NDDS	SSCOP, Ghogaon
44)	Dr. S. R. Kane Assistant Professor		IMA- HPLC		Pharm. Chem.	SSCOP, Ghogaon
45)	Dr. A. S. Manjappa Assistant Professor			Micellar Drugs.	Novel Drug Delivery System	APC, Kale
46)	Dr. A. S. Sherikar Assistant Professor	TKCP, Warananagar	NMR Spectroscopy		Mass Spectroscopy	APC, Kale
47)	Mr. P. S. Kumbhar		Pharmaceutical Biotechnology		Hybridoma Technology	APC, Kale
48)	Dr. R. S. Bagali Principal	SCOP, Kolhapur	Chronopharmacology and Cardiovascular system	Screening methods of hypoglycemic drugs	Pharmacological Screening tech.	SGMCOP, Mahagaon
49)	Mr. Utkarsh V. Nagvekar Assistant Professor		Basics of anticancer agents Practical aspects in TLC and Column chromatography		Pharm Chem and PA.	SGMCOP, Mahagaon

  
Dr. D. T. Gaikwad  
Secretary,  
Lead College Working Committee

  
Dr. H. N. More  
Chairman,  
Lead College Working Committee

  
PRINCIPAL  
Ashokrao Mane College of Pharmacy,  
Peth-Vadgaon, Dist. Kolhapur.

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**ATTENDANCE CERTIFICATE**

This is to certify that Dr. I.D.Raut, Asst. Professor Rajarambapu Patil College of Pharmacy, Kasegaon has delivered a lecture on topic "Basics of ADME Processes" in our college on Tuesday 15/03/2022 as an expert in 'Sharing of Human Resources' activity for the academic year 2021-22, under Lead College Scheme of Shivaji University, Kolhapur to UG students.

Thank you for conducting lecture.

Date-15/03/2022

Place- Peth Vadgaon

*Dr. S V Patil*  
Dr. S V Patil  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

*Received  
Raut  
15/3/22*

*Dr. S V Patil*  
PRINCIPAL

Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Ashokrao Mane Shikshan Prasarak Mandal  
 Ashokrao Mane College of Pharmacy, Peth Vadgaon  
 Organizes  
 Sharing of Human Resources' activity for the academic year 2021-22  
 Under Lead College Scheme of Shivaji University, Kolhapur

Guest Lecture  
 OF  
 Mr. D.S.Gumate  
 Asst. Professor, RCP, Kavgaon

On  
 "Pharmacology of drugs acting on Gastrointestinal Tract"

Day & Date: Tuesday, 15/03/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating  
 [Tick in appropriate Box]

	Excellent	Good	Average	Poor
a. Topic of lecture	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the Lecture:

Excellent teaching with good presentation.

Any other comments (if any):

Name of student:

Shirtej Anand Patil

Class:

T.Y. B.Pharm



*D.S. Gumate*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Ashokrao Mane College of Pharmacy, Peth Vadgaon  
 Organizes  
 'Sharing of Human Resources' activity for the academic year 2021-22'  
 Under Lead College Scheme of Shivaji University, Kolhapur

Guest Lecture  
 of  
**Mrs. Archana Dhole**  
 Asst. Professor, RCP, Kasegaon

On  
**"ICH Guidelines"**

Day & Date: Tuesday, 15/03/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating  
 [Tick in appropriate Box]

	Excellent	Good	Average	Poor
a. Topic of lecture	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the Lecture:

The lecture was excellent and very informative & helpful for the careers.

Any other comments (if any):

Thank you so much for the lecture.

Name of student: Shradha Arun Patil

Class: Final Year B.Pharm.



*[Signature]*  
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 Ashokrao Mane College of Pharmacy,  
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(6)

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Under Lead College Scheme of Shivaji University, Kolhapur

Guest Lecture  
of

**Mrs. Archana Dhole**

Asst. Professor, RCP, Kasegaon

On

"ICH Guidelines"

Day & Date: Tuesday, 15/03/2022

**ATTENDANCE SHEET**

Sr.No.	Name of Student	Class	Signature
1	Rutuja vilas Nalawade	Final year	<i>Rutuja</i>
2.	AKANKSHA Neminath Patane	Final	<i>AKANKSHA</i>
3	Jyoti Annaso Parit	-11-	<i>Jyoti</i>
4	Shraddha Arun Patil	-11-	<i>Shraddha</i>
5	Nikita Sanjay Tonape	-11-	<i>Nikita</i>
6)	Rutika Bhagawan Klaghamare	-11-	<i>Rutika</i>
7.	Sayali Govinda Dabhale	-11-	<i>Sy Dabhale</i>
8	Shivani Vinod Chaudhari	-11-	<i>Shivani</i>
9	Utkarsha Naruh Kolhawale	-11-	<i>Utkarsha</i>
10	Simran Zakerhusen Bedade	-11-	<i>Simran</i>
11	Niyati Digambar Dalvi	-11-	<i>Niyati</i>
12	Pratiksha Ramesh Dhanawade	-11-	<i>Pratiksha</i>
13	Pratiksha Bajarang Jedho	Final year	<i>Pratiksha</i>
14.	Komal phanpat Nigave	Final year	<i>Komal</i>
15.	Pratiksha Pramod Shidnate	Final year	<i>Pratiksha</i>
16.	Snehal Nitin Suryawanshi	-11-	<i>Snehal</i>
17.	Supriya Santosh Mirykar	-11-	<i>Supriya</i>
18	Shivani Ramchandra Nashik	-11-	<i>Shivani</i>
19.	Krutika Vikram Thorawade	-11-	<i>Krutika</i>
20.	Somradny Balavant Patil	-11-	<i>Somradny</i>
21.	Apurva Pundlik Patil	-11-	<i>Apurva</i>
22.	sakshi Sanjay domb	-11-	<i>Sakshi</i>
23	Nilam Babuji Gurrav	-11-	<i>Nilam</i>
24	Tefaswini Subhash Malekar	-11-	<i>Tefaswini</i>
25.	Aishwarya Vikas Patil	-11-	<i>Aishwarya</i>
26.	Preachi Dharmadikar	-11-	<i>Preachi</i>

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27	Aditya Sudam Gadge	Final year	Bhamburda
28	Snehal Sanjay Nane	Final Year	Saner
29	Prajakta Chandrakant Sawant	Final year	Pawant
30	Pradnya Kuntinath Patil	Final Year	P.K. Patil
31	Sayali Shital Patil	Final Year	S.P. Patil
32	Shradha Rajesh Ingawale	Final Year	Shingawale
33	Aditi Chandrakant Chougale	Final Year	Chougale
34	Poatiksha R. Patil	Final year	Po. Patil
35	More Sapna Vishnu	Final Year	More
36	Chavan Rakul Sudhakar	Final year	Chavan
37	Saurabh Chandrakant Kamble	Final year	S. Kamble
38	Shinge Poatik Bhauso	Final year	Shinge
39	Patil Pankaj Bhausaheb	-11-	Patil
40	Patil Rushikesh Bhairavvenam	-11-	Patil
41	Patil Vishwajeet Bajirao	-11-	Patil
42	Aniket Ranjeet Koli	Final year	Aniket
43	Mujaffar Moulali Mulla	-11-	Mulla
44	Akash Ajit Desai	-11-	Desai
45	Vinay Pramod Charate	Final Year	Charate
46	Sushili Panchbhai Kumbhar	Final year	Kumbhar
47	Kotekar Mayuri Dattatray	Final year	Kotekar
48	Bhagyashree Yuvraj Gunde	Final Yr	Gunde
49	Akanksha Uday Ingawale	Final Yr	Ingawale
50	Abhisit Balasaheb Patil	Final Yr	Patil
51	Patil Kishor Baburao	Final Yr	Patil



*[Signature]*  
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Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur  
Principal  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur  
Phone: (02309) 271300, Fax: (02309) 2471361, E-mail: ashokrao@ashokrao.edu

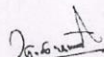
**ATTENDANCE CERTIFICATE**

This is to certify that Ms. Archana Dhole, Asst. Professor Rajarambapu Patil College of Pharmacy, Kasegaon has delivered a lecture on topic "ICH Guidelines" in our college on Tuesday 15/03/2022 as an expert in 'Sharing of Human Resources' activity for the academic year 2021-22, under Lead College Scheme of Shivaji University, Kolhapur to UG students.

Thank you for conducting lecture.

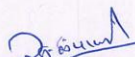
Date-15/03/2022

Place- Peth Vadgaon

  
Dr. S V Patil  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

Received  
ADD  
15/03/2022



  
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Under Lead College Scheme of Shivaji University, Kolhapur

Guest Lecture

of

**Mr. D.S.Gumate**

Asst.Professor, RCP,Kasegaon

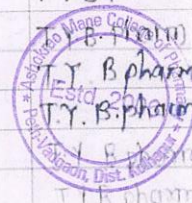
On

**"Pharmacology of drugs acting on Gastrointestinal Tract"**

Day & Date: Tuesday, 15/03/2022

**ATTENDANCE SHEET**

Sr.No.	Name of Student	Class (B)	Signature
1	Asif shabbir Mulani	T.Y.B pharmac	Asif
2	Aniket Harmanant patil	T.Y.B pharmac	Aniket
3	Rohit pandurang patil	T.Y.B pharmac	Rohit
4	Shreeraj Babasa Patil	T.Y.B pharmac	Shreeraj
5	Prathamesh Dhanaji Patil	T.Y.B pharmac	Prathamesh
6	Sourabh Ganapati Patil	T.Y.B pharmac	Sourabh
7	Shivtej Anun Patil	T.Y.B pharmac	Shivtej
8	Amit Sanjay .Patil	T.Y.B pharmac	Amit
9	Nagangoje Ganesh Suresh	T.Y.B pharmac	Nagangoje
10	Shalika Mansing Musale	T.Y.B pharmac	Shalika
11	Pratiksha salish sontakke	T.Y.B pharmac	Pratiksha
12	Pratiksha Prakash Patil	T.Y.B pharmac	Pratiksha
13	Pallavi chandrabhan PAIVE	T.Y.B pharmac	Pallavi
14	Patil Ankita Suresh	T.Y.B pharmac	Ankita
15	Patil Riya Eaghunarth	T.Y.B pharmac	Riya
16	Naik Akanksha Abhay	T.Y.B pharmac	Naik
17	Phalke ketaki sanjay	T.Y.B pharmac	Phalke
18	Vibhute Akanksha Rajaram	T.Y.B pharmac	Vibhute
19	Vadlingekar Sharayu Ravindra	T.Y.B pharmac	Vadlingekar
20	Ankita Bajirao Taherildar	T.Y.B pharmac	Ankita
21	Rutuja Gorakh sagor	T.Y.B pharmac	Rutuja
22	Apurva Rajendra Patil	T.Y.B pharmac	Apurva
23	chaitali Shivaji Patil	T.Y.B pharmac	Chaitali
24	Patil sanjana Sandesh	T.Y.B pharmac	Sanjana
25	Patil Namrata Dilip	T.Y.B pharmac	Namrata
26	Patil Pradnya Sanjay	T.Y.B pharmac	Pradnya
27	Patil Prayakta Ramdas	T.Y.B pharmac	Prayakta



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 Under Lead College Scheme of Shivaji University, Kolhapur  
 Guest Lecture

OF  
**Dr. I.D.Raut**

Asst. Professor, RCP, Kasegaon

On

"Basics of ADME Processes"

Day & Date: Tuesday, 15/03/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating.  
 [Tick in appropriate Box]

	Excellent	Good	Average	Poor
a. Topic of lecture	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the Lecture:

Great experience by mam on biopharmaceutics,  
 we learn more information from  
 this guest lecture.

Any other comments (if any):

Thank You Mam.

Name of student: Sakshi Jadhav

Class: T.Y



*[Signature]*  
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 Under Lead College Scheme of Shivaji University, Kolhapur  
 Guest Lecture  
 of  
**Dr. I.D.Raut**  
 Asst Professor, RCP, Kasegaon  
 On  
**"Basics of ADME Processes"**

Day & Date: Tuesday, 15/03/2022

**FEEDBACK FORM**

We expect assessment of this event from you and request that you share your ideas and suggestions. This feedback will help us in planning future events. Thank you.

Please comment on aspects of session using the following rating.  
 [Tick in appropriate Box].

	Excellent	Good	Average	Poor
a. Topic of lecture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Session contents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Knowledge shared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Event organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Overall rating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please express your opinion about the Lecture:

Excellent lecture  
 Helpful for me

Any other comments (if any):

Name of student: Kolekar Akash Santosh

Class: T.P. B. pharm



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 'Sharing of Human Resources' activity for the academic year 2021-22'  
 Under Lead College Scheme of Shivaji University, Kolhapur  
 Guest Lecture

**Dr. I.D.Raut**

Asst. Professor, RCP, Kasegaon

On

**"Basics of ADME Processes"**

Day & Date: Tuesday, 15/03/2022

**ATTENDANCE SHEET**

Sr.No.	Name of Student	Class	Signature
1	Chopade Umesh Sharnao	T.Y B-pharm	<i>[Signature]</i>
2	Dharmade Mahesh Madhukar	T.Y. B. Pharm	<i>[Signature]</i>
3	Fule Aditya Raghunath	T.Y. B	<i>[Signature]</i>
4	Babar Shikant Chandrakant	T.Y.	<i>[Signature]</i>
5	Chaugale Omkar Babarao	T.Y.B.pharm	<i>[Signature]</i>
6	Kolekar Akash Santosh	T.Y.B-pharm	<i>[Signature]</i>
7	Jastap Shadham Sanjay	T.Y	<i>[Signature]</i>
8	Chavan Omkar Ganpatrao	T.Y.B.Pharm	<i>[Signature]</i>
9	Mane Adarsh Ashak	S.Y.B.Pharm	<i>[Signature]</i>
10	Mundhe Yuvraj Ganesh	S.Y.B.pharm	<i>[Signature]</i>
11	Mohite Sourabh Sandip	S.Y.B.pharm	<i>[Signature]</i>
12	Khavare Shivraj Anil	S.Y.B.pharm	<i>[Signature]</i>
13	Mane Yuvraj Pradip	S.Y.B.pharm	<i>[Signature]</i>
14	Mahalingade Anand Dhanaji	S.Y.B.pharm	<i>[Signature]</i>
15	Pankaj Tulashiram Kesare	S.T.B.Pharm	<i>[Signature]</i>
16	Tushar Vijay Mane	S.Y.B. Pharm	<i>[Signature]</i>
17	Kumbhar Bhaikesh Bajaram	S.Y.B.Pharm	<i>[Signature]</i>
18	M. Kar Atharva Vishwanath	S.Y.B.Pharm	<i>[Signature]</i>
19	Kundale Prathmesh Satish	S.Y.B.Pharm	<i>[Signature]</i>
20	Kite Yash Sanjay	S.Y.B.Pharm	<i>[Signature]</i>
21	Aditya Rajendra Nikam	S.Y.B.Pharm	<i>[Signature]</i>
22	Shahani Shrirang Kharate	S.Y.B.pharm	<i>[Signature]</i>
23	Kishor Masuti Kharate	S.Y.B.pharm	<i>[Signature]</i>
24	Sangramsinh Bhikaji Mane	T.Y.	<i>[Signature]</i>
25	Gajal Mukund Mahesh	T.Y.	<i>[Signature]</i>
26	Pavan Mahankar	T.Y.	<i>[Signature]</i>

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21	Ashishail Jyanna Gabbur	T.Y.	<del>Y.S.</del>
25	Nilam Nandkumar chile	T.Y.	Iskrie
29	Samsuddhi Santaji Jadhav	T.Y.	Jadhav
30	Matriali Krushna Kambhe	T.Y.	Kambhe
31	Dhanashree Rajaram Kambhe	T.Y.	Dhanashree
32	Rutuja Paakash Chopade	T.Y.	Chopade
33	Akanksha Sunil Chavan	T.Y.	Chavan
34	Sayali Milind Jaware	T.Y.	Jaware
35	Sayali Shital Hogade	T.Y.	Hogade
36	Gauri Nilas Bhosale	T.Y.	Bhosale
37	Khusbbu Bhodlekar	T.Y.	Bhodlekar
38	Komal Sunil Khot	T.Y.	Khot
39	Sakshi Satish Jadhav	T.Y.	Jadhav
40	Asmita Ashok More	S.Y.	Asmita
41	Misbah zakia Mujawar	S.Y.	Misbah
42	Pooja Prashant Latthe	S.Y.	Latthe
43	Vrushali Sanjay More	S.Y.	More
44	Soundarya Parmanand Koot	T.Y.	Koot
45	Saniya Rasul Mohabtri	T.Y.	Mohabtri
46	Masoom Javed Momin	T.Y.	Momin
47	Pragati Laxman Berad	T.Y.	Berad
48	Priyanka Bhimrao Kharate	T.Y.	Kharate
49	Tanvi Nilesh Langade	T.Y.	Langade
50	Sejal Shridhanda Khalki	T.Y.	Khalki
51	Aarti Ashok Male	T.Y.	Male
52	Tejaswini Dhir Kamble	T.Y.	Kamble
53	Kajal Suresh Bansode	T.Y.	Bansode
54	Joshi manasi chandrash	T.Y.	Joshi
55	Priyanka Ashok Basavane	T.Y.	Basavane
56	Susmita Sukumar Kolhapure	T.Y.	Kolhapure
57	Shivani Sanjay Kashid	T.Y.	Kashid
58	Tejaswini Hanbhau Khandare	T.Y.	Khandare
59	Ashwini Santosh Patil	S.Y.	Patil
60	Sanjyot Sanjay More	S.Y.	More



*Dr. Suresh*  
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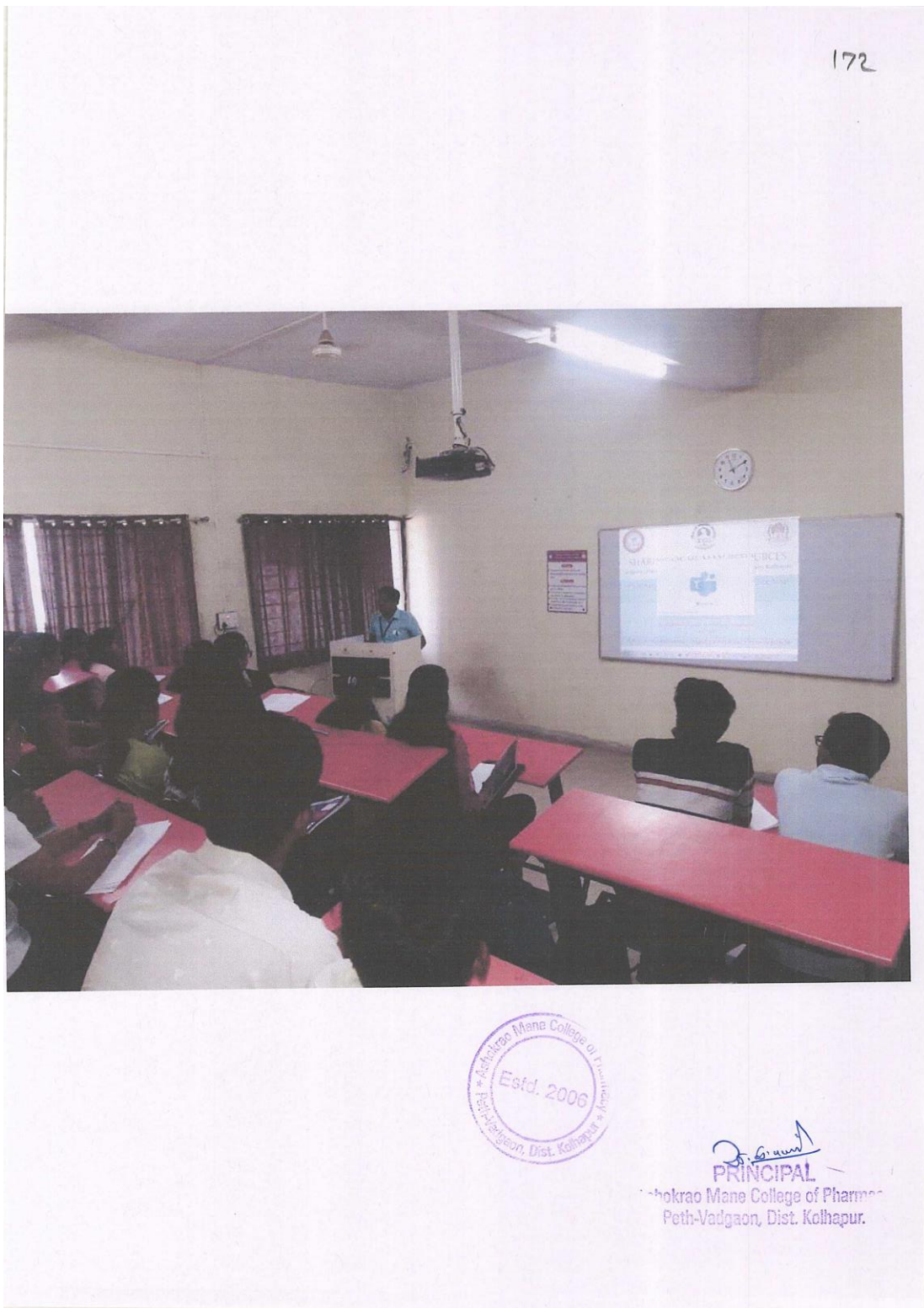


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*Dr. Srujan*  
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*D. G. Bhandari*  
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*Dr. Sunita*  
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Journal of Pharmaceutical Innovation  
 https://doi.org/10.1007/s12247-021-09605-x

ORIGINAL ARTICLE



## Development and Characterization of 5-Fluorouracil Solid Lipid Nanoparticles for Treatment of Colorectal Cancer

Poornima Patil<sup>1,2</sup> · Harinath More<sup>2</sup> · Suresh Killedar<sup>3</sup> · Ganesh Wabhujkar<sup>4</sup>

Accepted: 12 November 2021  
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### Abstract

**Purpose** In this study, the oral nanotherapeutic approach of 5-fluorouracil solid lipid nanoparticles (5-FU SLNs) for the synergistic treatment of colorectal cancer in preclinical DMH rat model is studied.

**Method** 5-Fluorouracil solid lipid nanoparticles with solvent evaporation emulsification method by using different ratios of polymer and surfactant.

**Result** 5-FU SLNs with chitosan and poloxamer 407 ratio of 2.4:0.1 has shown better particle size ( $147.9 \pm 1.48$  nm) with entrapment efficiency  $90.60 \pm 0.01\%$  and loading content  $3.40 \pm 0.03\%$ . In vitro, drug release studies were done by using simulated fluids at various pHs (1.2, 4.5, 7.5, and 7.0) to mimic the GIT tract and achieve  $85.16 \pm 0.26\%$  at 24 h in a sustained manner. In the current investigation, treatment with 5-FU SLNs increased levels of SOD, CAT, and GSH in the colonic tissue which were considerably DMH-treated rats having lower level. It should be highlighted that the 5-FU SLNs anticancer activity on colorectal was superior over the course of the study, utilizing an in vivo model. Colonic tumour incidence, speed, size, and multiplicity, as well as the number of ACFs, have all decreased.

**Conclusion** Collectively, based on the chitosan-TPP platform, these results suggest that both 5-fluorouracil solid lipid nanoparticles confirmed in vitro and in vivo has shown to provide a promising oral delivery for colorectal cancer.

**Keywords** 5-Fluorouracil · Solid lipid nanoparticles · Colorectal cancer

### Introduction

Colorectal cancer (CRC) is one of the third commonly diagnosed malignancies in many countries, especially in western civilization dreaded and threatening cancer [1, 2]. Different treatments available to control or eradicate CRC such as tumor removal, radiotherapy, and chemotherapy are used in advanced stages, but the inability of the drug to function especially to

target site results in a lack of site specificity leading to side effects of both healthy cells and cancerous cells. Unfortunately, a commonly used chemotherapeutic agent results with inadequate therapeutic results because of their hydrophobic type, improper biodistribution, and their tendency to develop drug resistance [3]. All of these conventional treatments have direct effects on cancerous tissues, the toxicities in normal tissues approaches to treat cancer [4]. Different cytotoxic medications, such as 5-fluorouracil, oxaliplatin, and cisplatin, are used to treat colorectal cancer because of their hydrophobic properties and their tendency to develop drug resistance [5, 6]. In this case, multiple cytotoxic drugs are used to treat colorectal cancer, but their toxicity to the normal cells is the reason, which can be due to the rapid proliferation of cancer cells [7].

5-Fluorouracil (5-FU) that belongs to the antimetabolite category has been used alone or in combination with another drug in the treatment of many cancers, such as colorectal, breast, liver, and stomach cancers, as a first-line agent. 5-FU is water soluble with a short circulation half-life in the plasma; a high dose is recommended over a longer period to get desired therapeutic effect; it is also

✉ Poornima Patil

✉ Harinath More

<sup>1</sup> Department of Pharmaceutical Chemistry, Ashokrao Mane College of Pharmacy, Peth Vadgaon, Maharashtra, India

<sup>2</sup> Department of Pharmaceutical Chemistry, Bharati Vidyapeeth College of Pharmacy, Kolhapur, Maharashtra, India

<sup>3</sup> Department of Pharmacognosy, Shree Sant Gajanan Maharaj College of Pharmacy, Mahagaon, Maharashtra, India

<sup>4</sup> Department of Pharmaceutical Chemistry, Rajarambapu College of Pharmacy, Kasegaon, Maharashtra, India

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Flat No.11, Shri-Ram Residency, Near Bypass Road,  
Kalanagar, Sangli, Maharashtra – 416416

Mob.9595753875, 9226765719 E-mail-biocytelabsangli@gmail.com

---

**Certificate of Analysis**

Date: - 01/08/2022

**Name / Organization:** Mr. nitin mali

**Sample Description :** Samples 1- Aq extract

**Antifungal activity against *Candida albicans***

(Agar well plate diffusion Method)


**WELL DIFUSSION METHOD FOR THE DETERMINATION OF ZONE OF INHIBITION**

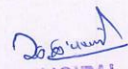
*Antifungal activity*

**Stock solution for antifungal activity:** For antifungal study each compound was dissolved in DMSO at a concentration of 5mg/ml and 10mg/ml stored in a refrigerator till further used

Antifungal activities of the sample A were evaluated by means of agar well diffusion assay. The assay was carried out according to the method of (Hufford *et al.*, 1975). Sabouraud dextrose agar (Hi media) was used for the growth of fungus. Media with acidic pH (pH 5.5 to 5.6) containing relatively high concentration of glucose (40%) is prepared by mixing (SDA) Sabouraud dextrose and distilled water and autoclaved at 121°C for 15 minutes. Twenty five ml of molten (45<sup>0</sup>C) SDA medium was aseptically transferred into each 100mm×15mm sterile Petri dish.

For counting of spore (fungi) were suspended in normal saline to make volume up to 1 ml and then counted with help of heamocytometer (neubar chamber). Once the agar was hardened, 6mm wells were bored using a sterile cork borer. Then concentration of 5mg and 10 mg was placed in each the well and the plates were incubated for 72 hour at 29°C. Two wells in each petri dish were supplemented with water and reference antifungal drug fluconazole (1mg/ml) dissolved in water serve as negative and positive control respectively. The antifungal activity





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was measured as the diameter (mm) of clear zone of growth inhibition. (Umadevi *et al.*, 2003).

**Ref:**

1. Hufford CD, Funderburk JM, Morgan JM, Robertson LW (1975). Two antimicrobial alkaloids from heartwood of *Liriodendron tulipifera*. *I.J.pharm. Sci.*, **64**:789-792.
2. Umadevi S, Mohanta G P, Chelladurai V, Manna PK, Manavalan R (2003). Antibacterial and antifungal activity of *Andrographis echinodes*. *J. Nat. Remedies.*, **3**:185-188.
3. Saifullah Khan and Gul Majid Khan, *In vitro Antifungal activity of Rhazya stricta*, *Pak. J. Pharm. Sci.*, 2007, Vol.20(4), 274-279

**Table No.: 01 Antifungal Activity of Sample Aq extract against candida *albicans***

SAMPLES	CONC. (mg/ml)	ZONE IN DIAMETER(mm) against <i>Candida albicans</i>
Control	-	00
Standard (fluconazole)	1	23
1 GR	5mg	-
2 GR	10mg	-

**Fig .No. 01 Antifungal Activity of Sample Aq extract against *candida albicans***



*Dr. Girish*  
**PRINCIPAL**  
 Ashokrao Mane College of Pharmac.  
 Peth-Vadgaon, Dist. Kolhapur.

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**Conclusion:** The antifungal activity of the Sample Aq extract studied on *Candida albicans*, in which Sample Aq extract showed no activity.

**Note:** The results included in this report are obtained from the activities performed at our laboratory.

This report can't be used for court purpose. We are not responsible for any legal matter.



*Dr. G. S. G. G.*  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

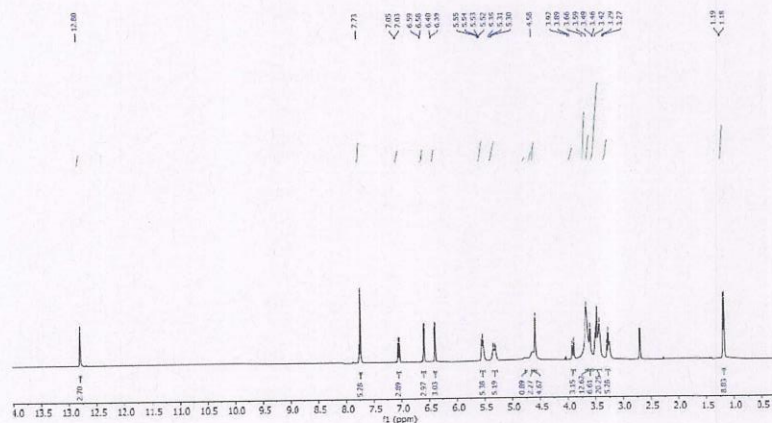
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Nitin mali -1-1H.




*D. S. ...*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Registered under Ministry of micro, small and medium enterprises (MSME) UAN-MH29D0010/40  
Registered under CPCSEA 2114/PO/Re/S/20/CPCSEA



**Bird**  
Let's Fly Ur ideas!

## BIOCYTE

### INSTITUTE OF RESEARCH&DEVELOPMENT

Flat No.11, Shri-Ram Residency, Near Bypass Road,  
Kalanagar, Sangli, Maharashtra – 416416

Mob.9595753875    www.biocyte.in    E-mail-biocytelabsangli@gmail.com

---

BiRD/28/04/2021-22

Date –22 April 2022


To,  
Principal,  
Ashokrao Mane College of Pharmacy, Peth Vadgaon

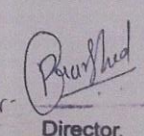
Subject – Completion of Biological Activity at Biocyte Institute of Research & Development (BIRD), Sangli

Respected Sir,

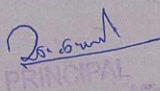
As per your letter, the Biological Activity for the anti-microbial activity, anti-inflammatory, anti-cancer activity of the listed students has completed properly. We are thanking you for your collaboration. Hopefully will be in future also.

Sr. No.	Name of the students	Year
1	Pranali Pradip Patil	2021-2022
2	Gauri Dandekar	2021-2022
3	Nitin Mali	2021-2022
4	Jeevak Naik	2021-2022
5	Monika Lad	2021-2022
6	Praiyanka Bhagwat	2021-2022



for 

**Director,**  
**Biocyte Institute of Research and Development, Sangli.**

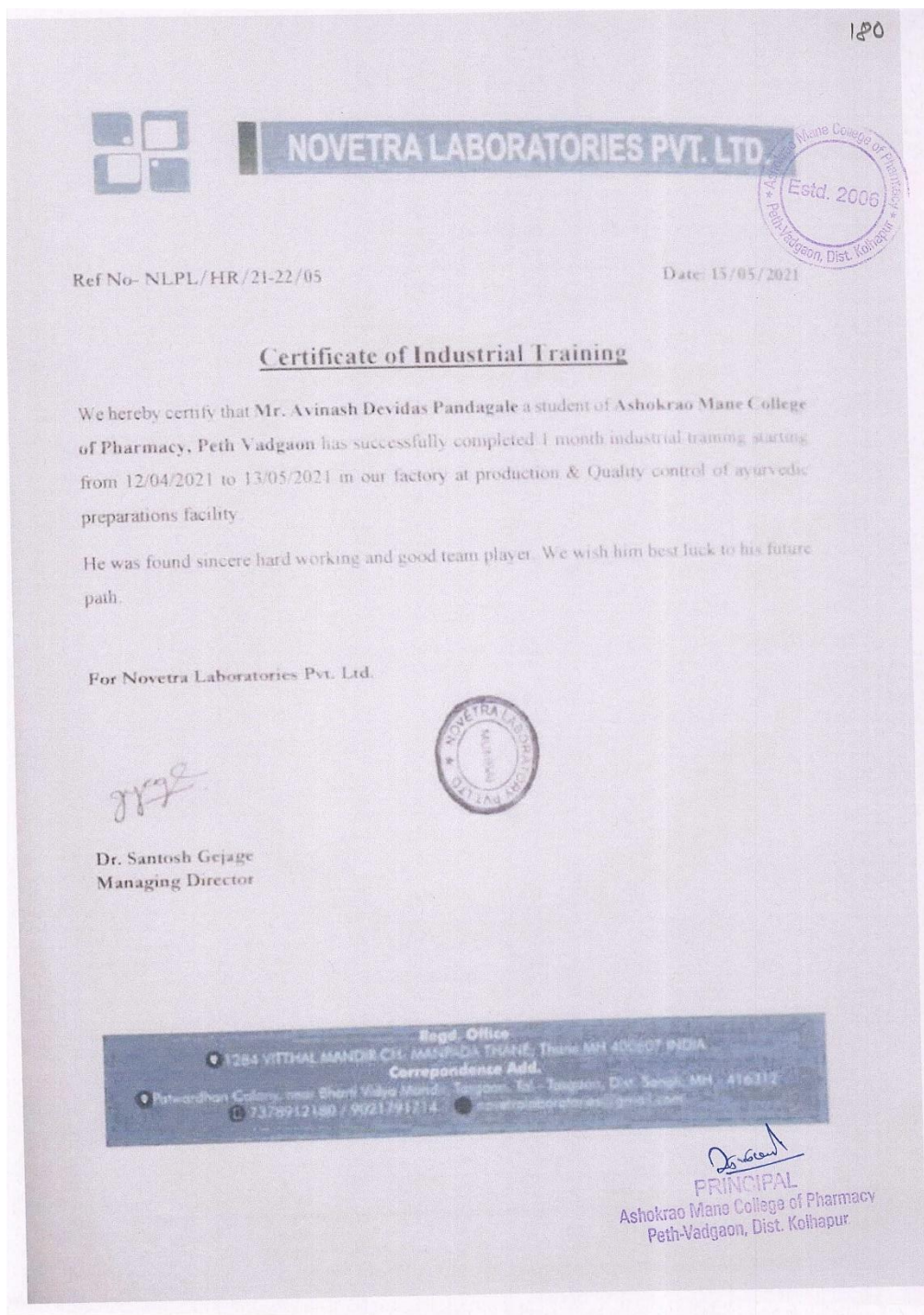


**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

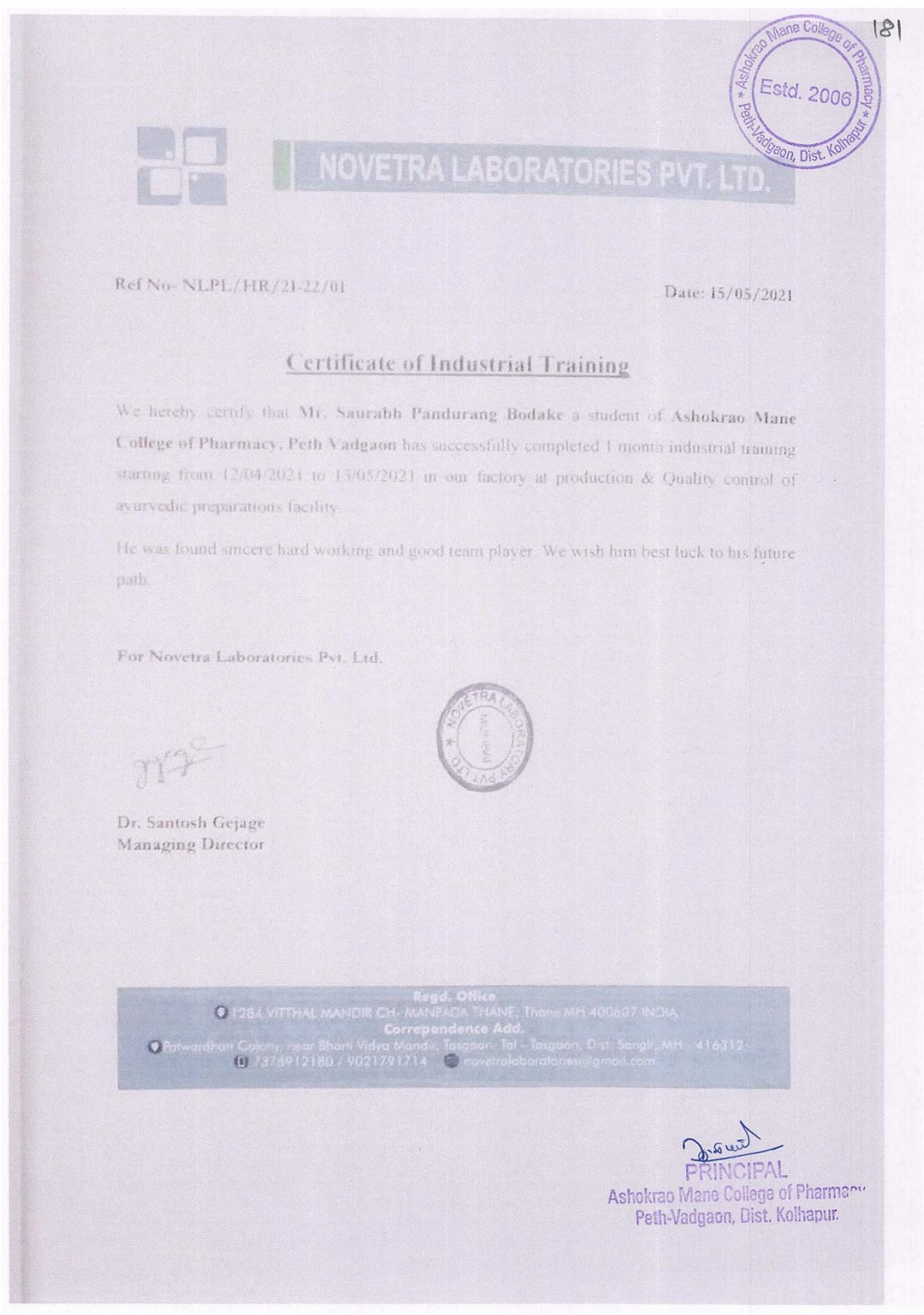
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Activities conducted under the MoU of Novetra Pharmaceuticals Pvt. Ltd. Sangli.



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**NOVETRA LABORATORIES PVT. LTD.**



Ref No- NLPL/HR/21-22/03

Date: 15/05/2021

**Certificate of Industrial Training**

We hereby certify that Mr. Siddharth Rajendra Patil a student of Ashokrao Mane College of Pharmacy, Peth Vadgaon has successfully completed 1 month industrial training starting from 12/04/2021 to 13/05/2021 in our factory at production & Quality control of ayurvedic preparations facility.

He was found sincere hard working and good team player. We wish him best luck to his future path.

For Novetra Laboratories Pvt. Ltd.



Dr. Santosh Gejage  
Managing Director

**Regd. Office**  
 1284 VITTHAL MANDIR CH- MANPADA THANE, Thane MH-400607 INDIA  
**Correspondence Add.**  
 Patwardhan Colony, near Bharti Vidya Mandir, Tasgaon, Tal - Tasgaon, Dist. Sangli, MH - 416312  
 7378912180 / 9021791714 novetralaboratories@gmail.com

PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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10.	Mr. Rushikesh Bharat Jadhav	M. Pharm Degree	Ashokrao Mane College of Pharmacy, Pethvadgaon	20/01/2022
11.	Miss. Monika Sanjay Lad	M. Pharm Degree	Ashokrao Mane College of Pharmacy, Pethvadgaon	21/01/2022
12.	Mr. Sudhir Sunil Kamble	Ph. D Degree	T. C. College Baramati, Dist. Pune	22/01/2022
13.	Mr. Ajay Mahadev Chavan	M. Pharm Degree	Ashokrao Mane College of Pharmacy, Pethvadgaon	27/01/2022
14.	Mr. Nitin Prakash Mali	Ph. D Degree	Ashokrao Mane College of Pharmacy, Pethvadgaon	23/02/2022
15-18.	Miss Sofiya Sanade Miss Pallavi Kumbhar Miss Sanyogita Sawant Miss Manasi Shinde	B. Pharm Degree	Women's College of Pharmacy, Pethvadgaon	20/06/2022
19-21.	Miss Supriya S. Mirajkar Mr. Yogesh Vaman Misal Miss Snehal Sanjay Name	B. Pharm Degree	Ashokrao Mane College of Pharmacy, Pethvadgaon	30/06/2022



Head  
Department of Botany  
Shri. Vijaysinha Yadav College  
Peth Vadgaon, Dist. Kolhapur.

Head  
Department of Botany  
Shri. Vijaysinha Yadav College  
Peth Vadgaon, Dist. Kolhapur

Principal  
Shri. Vijaysinha Yadav College  
Peth Vadgaon, Dist. Kolhapur.



Principal  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Activities conducted under the MoU of Ripcord Pharmaceuticals Pvt. Ltd., Kolhapur.

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**RIPCORD**<sup>®</sup>  
PHARMACEUTICALS PVT. LTD.

Address : Plot No. T-4/23A, MIDC Kagal,  
Kolhapur - 416236  
Phone : +91-9538636696, 9834959366  
Email : ripcordpharmaceuticalspvtltd@gmail.com  
Website : ripcordpharmaceuticals.com  
CIN : U74999PN2017PTC173517  
GST NO : 27AAICR6311A1ZR

Ashokrao Mane College of Pharmacy  
\* Estd. 2006 \*  
Peth-Vadgaon, Dist. Kolhapur \*

Date : 01 Oct. 2022

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Sanjana Sandesh Patil Studying in Ashokrao Mane College of Pharmacy , Peth Vadgaon . Has undergone Industrial Training at our plant . The candidate has taken specific training from 23/08/2022 to 23/09/2022 in following departments-

1. Warehouse
2. Tablet manufacturing and Packing
3. Capsule manufacturing and Packing
4. Quality Control
5. Quality Assurance

We have observed that the candidate is having hard working nature and sincere during the training period and wish her far better prospectus in studies as well as in career.

For Ripcord Pharmaceutical Pvt. Ltd.

(Signature)  
01/10/2022

(Signature)  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur

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Email : ripcordpharmaceuticalspvtltd@gmail.com  
Website : ripcordpharmaceuticals.com  
CIN : U74999PN2017PTC173517  
GST NO : 27AAICR6311A1ZR

  
Date : 18 Sep. 2022

**TO WHOMSOEVER IT MAY CONCERN**

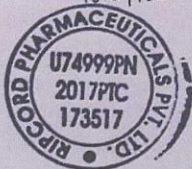
This is to certify that Miss. Gauri Vilas Bhosale Studying in Ashokrao Mane College of Pharmacy , Peth Vadgaon . Has undergone Industrial Training at our plant . The candidate has taken specific training from 16/08/2022 to 15/09/2022 in following departments-

1. Warehouse
2. Tablet manufacturing and Packing
3. Capsule manufacturing and Packing
4. Quality Control
5. Quality Assurance

We have observed that the candidate is having hard working nature and sincere during the training period and wish her far better prospectus in studies as well as in career.

For Ripcord Pharmaceutical Pvt. Ltd.

*Atahil*  
18/09/2022



*Dr. S. S. ...*  
PRINCIPAL  
Ashokrao Mane College of Pharma.  
Peth-Vadgaon, Dist. Kolhapur.

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Address : Plot No. T-4/23A, MIDC Kagal, Kolhapur - 416236  
 Phone : +91-9538636696, 9834959366  
 Email : ripcordpharmaceuticalspvtltd@gmail.com  
 Website : ripcordpharmaceuticals.com  
 CIN : U74999PN2017PTC173517  
 GST NO : 27AAICR6311A1ZR

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Date : 18 Sep. 2022

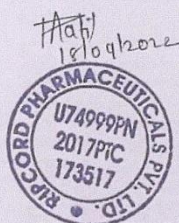
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Rutuja Gorakh Sagar Studying in Ashokrao Mane College of Pharmacy , Peth Vadgaon . Has undergone Industrial Training at our plant . The candidate has taken specific training from 16/08/2022 to 15/09/2022 in following departments-

1. Warehouse
2. Tablet manufacturing and Packing
3. Capsule manufacturing and Packing
4. Quality Control
5. Quality Assurance

We have observed that the candidate is having hard working nature and sincere during the training period and wish her far better prospectus in studies as well as in career.

For Ripcord Pharmaceutical Pvt. Ltd.

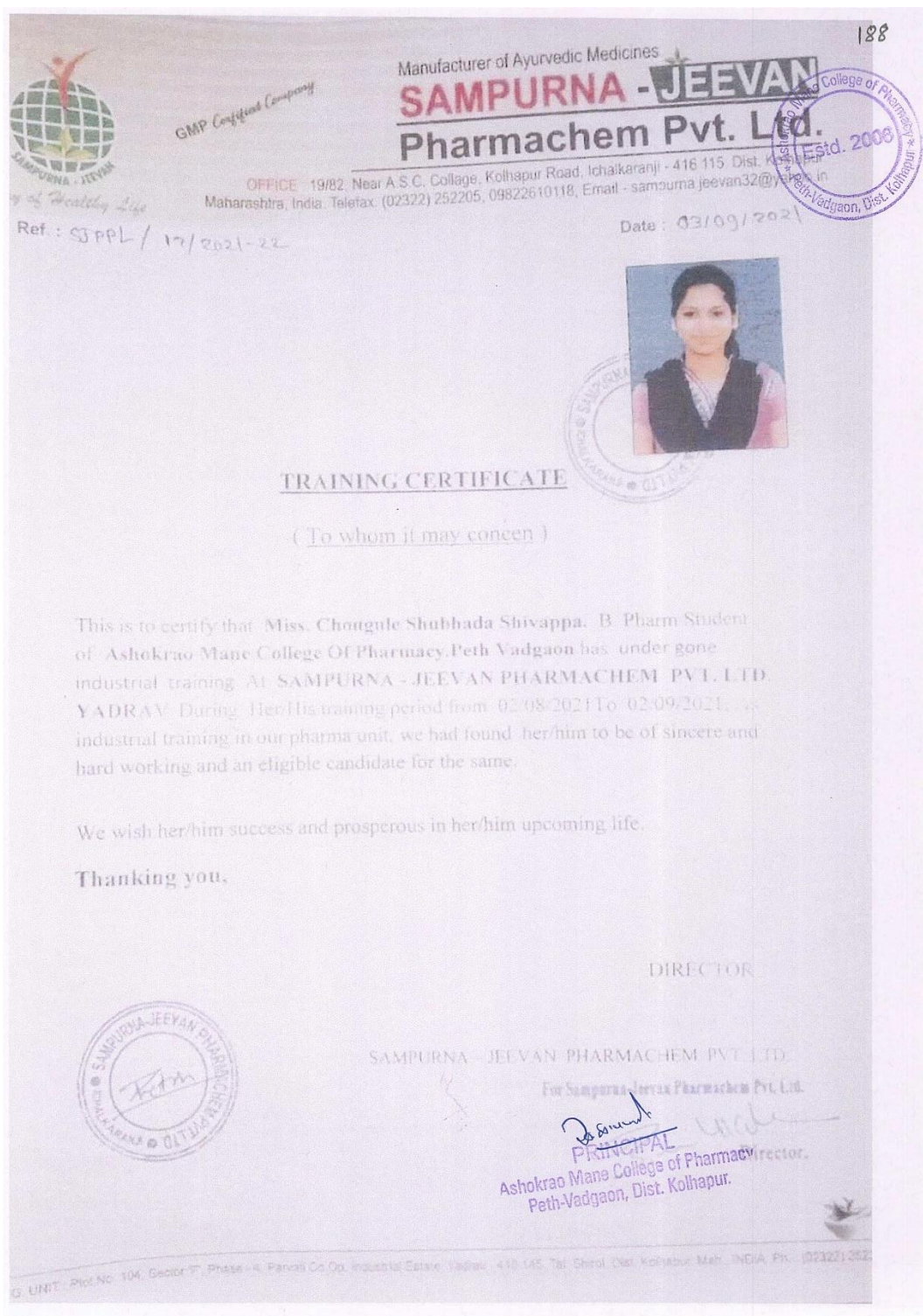


*[Signature]*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur

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**Activities conducted under the MoU of Sampurna- Jeevan Pharmachem Pvt. Ltd. Ichalkaranji.**



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Manufacturer of Ayurvedic Medicines  
**SAMPURNA - JEEVAN**  
**Pharmachem Pvt. Ltd.**

OFFICE: 19/82, Near A.S.C. Collage, Kolhapur Road, Ichalkaranji - 416 115, Dist. Kolhapur, Maharashtra, India. Telefax: (02322) 252205, 09822610118, Email - sampurna.jeevan32@yahoo.in

Ref.: SJPP/20/2021-22 Date: 03/09/2021


**TRAINING CERTIFICATE**  
(To whom it may concern)

This is to certify that Miss. Kumbhar Komal Prakash, B. Pharm Student of Ashokrao Mane College Of Pharmacy, Peth Vadgaon has under gone industrial training At SAMPURNA - JEEVAN PHARMACHEM PVT. LTD. YADRAV During Her/His training period from 02/08/2021 To 02/09/2021. As industrial training in our pharma unit, we had found her/him to be of sincere and hard working and an eligible candidate for the same.

We wish her/him success and prosperous in her/him upcoming life.

Thanking you,

  
  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

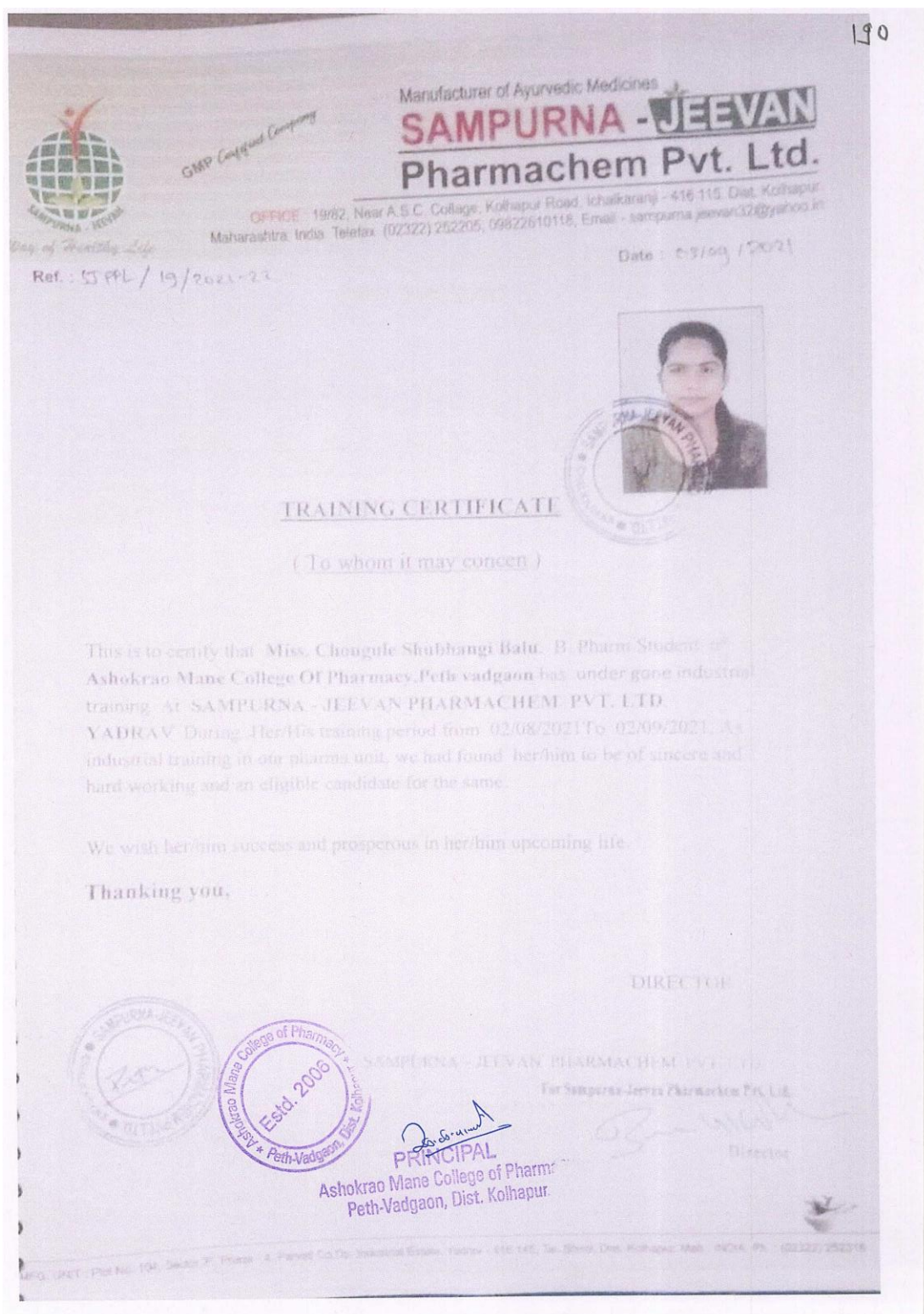
DIRECTOR

SAMPURNA - JEEVAN PHARMACHEM PVT. LTD.

  
**Director.**

UNIT - Plot No. 104, Sector 'F', Phase - 4, Parvati Co. Op. Industrial Estate, Yadrav - 416 145, Tal. Shrirot, Dist. Kolhapur, Mah. INDIA. Ph. (02322) 25231

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Activities conducted under the MoU of Varuneshwar Organic Pvt. Ltd., Karad.

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Work : B-48, MIDC, Tasawade, Karad, Dis.: Satara, Maharashtra (INDIA) •  
e-mail : varuneshwarorganic@gmail.com •  
www.varuneshwarorganic.com •  
Mob.: 9881376233 / 9922366994 •

**Varuneshwar ORGANICS**  
Manufacturer of Drug Intermediates & Fine Chemicals

Date: 17/05/2021.


**TO WHOMSOEVER IT MAY CONCERN**


This is to certify that Mr. Akash A. Desai student of Ashokrao Mane Institute of Pharmacy, Peth Vadgaon of Final year B. Pharmacy, has undergone industrial training, successfully as a part of Production and Analytical Division at the Varuneshwar Organics for the period from 03/05/2021 to 17/05/2021.


During this training period, Mr. Akash A. Desai was found very sincere, polite and hard working and was eager to learn new technologies and advancement in pharmaceutical analysis.

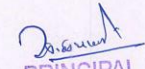
I wish Mr. Akash A. Desai great success in his future assignments.

**For Varuneshwar Organics**

  
(H R Office)





  
PRINCIPAL  
Ashokrao Mane College of Pharmac,  
Peth-Vadgaon, Dist. Kolhapur.

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Work : B-48, MIDC, Tasawade, Karad, Dis.: Satara, Maharashtra (INDIA) ■  
e-mail : varuneshwarorganic@gmail.com ■  
www.varuneshwarorganic.com ■  
Mob.: 9881376233 / 9922366994 ■



Date: 17/05/2021.

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Suraj K. Dongare student of Ashokrao Mane Institute of Pharmacy, Peth Vadgaon of Final year B. Pharmacy, has undergone industrial training, successfully as a part of Production and Analytical Division at the Varuneshwar Organics for the period from **03/05/2021 to 17/05/2021**.

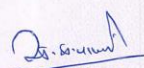
During this training period, Mr. Suraj K. Dongare was found very sincere, polite and hard working and was eager to learn new technologies and advancement in pharmaceutical analysis.

I wish Mr. Suraj K. Dongare great success in his future assignments.

**For Varuneshwar Organics**

(H R Office)



  
**PRINCIPAL**  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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## Activities conducted under the MoU of Kolhapur District Chemist Association, Kolhapur.

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Ashokrao Mane College of Pharmacy, Peth Vadgaon, Dist. Kolhapur  
 Estd. 2006

**TOPICS FOR POSTER PRESENTATION**

1. Online Education Boon & Bane.
2. Herb as immunobooster.
3. Role of Pharmacist in Communicable Diseases.

**INSTRUCTIONS FOR POSTER PRESENTATION**

1. No registration fees.
2. Language of presentation should be English.
3. The competition is only for D Pharmacy students of Maharashtra State only.
4. Last date of registration & submission of E-Poster & Video is 7<sup>th</sup> February 2022.
5. The video should be submitted in MP4 format with size of 40 MB of duration not exceed 5 minutes.
6. Maximum two entries will be accepted per institute.
7. Kindly fill & upload poster and video clip by using given registration link.
8. Decision given by judges will be final.
9. Presenters face and Poster should be visible clearly during Presentation.
10. E-certificate will be given to all participants after filling feedback form.
11. During presentation all students should wear their college ID card.

**PATRON**

**Hon. Shri. Vijaysinh A. Mane**  
President,  
Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap

**Hon. Mrs. Manisha V. Mane**  
Z. P. Member, Kolhapur

**ORGANIZING COMMITTEE**

**CONVENOR**

Dr. N. B. Chougule, Principal, AMIP, Ambap  
 Dr. D. R. Jadge, Principal, WCOP, Peth Vadgaon  
 Dr. S. V. Patil, Principal, AMCP, Peth Vadgaon  
 Dr. A. S. Kulkarni, Principal, AMPSR, Save


**CO-ORDINATORS**

Mr. G. S. Shelke (Mob. 9665512484)  
 Ms. S. S. Sarvagod (Mob. 8329855648)  
 Mr. S. S. Shelke (Mob. 9860601559)  
 Ms. N. K. Mujawar (Mob. 7709720763)

**Registration Link**  
<https://forms.gle/WBqm9qweFwHLb7zr9>

**PRIZES**

First Prize Rs. 3000/-  
 Second Prize Rs. 2000/-  
 Third Prize Rs. 1000/-



Late. Shri. Ashokrao Mane  
 Founder President,  
 Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap

**A STATE LEVEL E-POSTER COMPETITION FOR D. PHARM STUDENTS**

15<sup>th</sup> February 2022

**Organized By**

**ASHOKRAO MANE INSTITUTE OF PHARMACY, AMBAP**

---

**WOMENS COLLEGE OF PHARMACY, PETH VADGAON**

---

**ASHOKRAO MANE COLLEGE OF PHARMACY, PETH VADGAON**

---

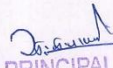
**ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, SAVE**

---

**SPONSORED BY**

Kolhapur District Chemist Association (KDCA)

Email: ephamiposter@gmail.com  
 Website: www.amgkolhapur.com



**PRINCIPAL**  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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*Dr. Anurag A*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy,  
Peth-Vadgaon, Dist. Kolhapur.

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Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Activities conducted under the MoU of Seema Biotech, Talsande, Hatkanangale, Kolhapur.

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Shri Balasaheb Mane Shikshan Prasarak Mandal's  
**ASHOKRAO MANE COLLEGE OF PHARMACY,**  
PETH VADGAON



# Intra Institutional Activities

Conducted under Institutional Innovation and Incubation Cell and Student Development cell

<b>Day 1</b> 19/11/2022  Ideation/innovative idea presentation, Hackathon/ Problem solving workshop	<b>Day 2</b> 21/11/2022  Demo day/Exhibition of models, Instruments of SAGLO Research Centre	<b>Day 3</b> 22/11/2022  My story/ Motivational session by successful Innovator/start up founder.
<b>Day 4</b> 23/11/2022  Expert/ Innovator's speech by SAGLO Director Prof. Sachin Lokapure.	<b>Day 5</b> 25/11/2022  Exposure/Field visit for problem identification at Seema Biotech Ltd. Talsande.	

Chief Coordinator  
Prof. Poonam N. Chougule  
Incharge-Innovation and Incubation Cell.

Coordinator  
Prof. Shailaja J. Kambale  
Incharge- Student Development cell

Convener  
Dr. Sachinkumar V. Patil  
Principal AMCP



**ASHOKRAO MANE GROUP**  
ENGINEERING PHARMACY BAMS MBA B.ED POLYTECHNIC ITI  
www.amgkolhapur.com



*Sachin Patil*  
PRINCIPAL  
Ashokrao Mane College of Pharmacy  
Peth-Vadgaon, Dist. Kolhapur.

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Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**

Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra,  
 Affiliated to Shivaji University, Kolhapur

Estd. 2006 | Founder President: LATE SHRI. ASHOKRAO MANE  
 Principal: DR. S.V. PATIL | President: SHRI. VIJAYSINH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112  
 Web: www.amcoph.org | Phone: 0230-2471360 / 61 | E mail: cobbpharm@gmail.com

Name of the Committee: IHC

Date: 24/11/2022

**CIRCULAR/NOTICE**

To	All Students of Third Year B. Pharm
Subject	Exposure/Field visit to SEEMA Biotech
<p>All the students of Third Year B. Pharm are hereby informed that, <b>Field Visit at SEEMA Biotech Pvt. Ltd, Talsande</b> is scheduled on <b>Friday, 25<sup>th</sup> November 2022</b>. All should present in college at 9.00am and also carry your College ID, Apron and Note pad.</p> <p><b>Day &amp; Date:</b> Friday, 25/11/2022  <b>Visit Time:</b> 10.00 am to 12.00 noon  <b>Venue:</b> Seema Biotech A/P-Talsande</p>	
Prepared By	Approved By
 Mrs. P. N. Chougule IHC Coordinator	 PRINCIPAL Ashokrao Mane College of Pharmacy, Peth-Vadgaon, Dist. Kolhapur.



PRINCIPAL  
 Ashokrao Mane College of Pharmacy,  
 Peth-Vadgaon, Dist. Kolhapur.

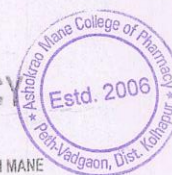
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Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE COLLEGE OF PHARMACY**



AICTE / Approval Letter No.: F-06 / 07 / MS / PHARW / 2005 / 003, Dt. 30 May 2006

Founder President : LATE SHRI. ASHOKRAO MANE

President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS) Phone: (0230)2471360 / Fax: 0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 295/2022-23

Date: 18/11/2022

To,  
 SEEMA Biotech, Pvt. Ltd.  
 Kodoli road, Talasande.  
 Kolhapur, Maharashtra.

Subject: Exposure/Field visit for Students.

Respected Sir,

As per subject cited above, we Ashokrao Mane of Pharmacy, Peth-Vadgaon, Kolhapur, is organizing a One day industrial tour for students, so we are writing this letter to you getting your permission to visit once your SEEMA Biotech, Pvt. Ltd. Talasande, to inspire and get knowledge. problem identification about tissue culture and microbiology.

Date and Time of Field visit: 25/11/2022, 10.00AM.

So, please allow us and we consider it will be a positive reply.

Thanking you,

Yours faithfully,

*Received*  
*Patil*  
 Training Coordinator  
 SEEMA BIOTECH PVT. LTD.  
 Talasande, Kolhapur - 416 112

*Dr. S. V. Patil*  
 Dr. S. V. Patil  
 Principal AMCP.  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

*Dr. S. V. Patil*  
 PRINCIPAL  
 Ashokrao Mane College of Pharmacy  
 Peth-Vadgaon, Dist. Kolhapur.

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Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
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Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra,  
Affiliated to Shivaji University, Kolhapur

Estd. 2006 | Founder President: LATE SHRI. ASHOKRAO MANE  
Principal: DR. S.V. PATIL | President: SHRI. VIJAYSINH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN-416 112  
Web: www.amcoph.org | Phone: 0230-2471360 61 | E mail: copbpharm@gmail.com

दि. २४.११.२०२२

प्रति,

मा. अध्यक्षसो,  
श्री. वाळासाहेव माने शिक्षण प्रसारक मंडळ,  
अंबप.

विषय - वस मिळणेबाबत.

महोदय,

उपरोक्त विषयास अनुसरून आपल्या अशोकराव माने कॉलेज ऑफ फार्मसी, पेट वडगांव  
महाविद्यालयामधील विद्यार्थ्यांना Seema Biotech, Talsande येथे Field Visit साठी शुक्रवार  
दि. २५.११.२०२२ रोजी सकाळी १०.०० वा. ते दुपारी १२.०० वाजेपर्यंत येण्या-जाण्याकरीता दोन वसेस

मिळव्यात ही विनंती.

कळावे,

आपला विश्वासू

डॉ. एस. व्ही. पाटील

प्रिन्सिपल

अशोकराव माने कॉलेज ऑफ फार्मसी  
पेट वडगांव, ता. हातकणंगले, जि. कोल्हापूर.



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