



VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
Principal

Ale, Tal. Junnar, Dist. Pune-412411 | Contact No. : 9892376014 | E-mail : vism.principal@gmail.com | Website: www.viperale.com

P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)



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1. List of Students Completed
Project Work in Institute



B. PHARM 2021-22

Sr. No.	Name of Students	Title Of Project
1.	AHER SANKET DILIP	Herbal Antidandruff Dry Shampoo
2.	AHER SUVARNA PIRAJI	
3.	AHER PRANJAL NIVRUTTI	
4.	ARGADE DIVYA KAILAS	
5.	BHADRIGEANKITA KIRAN	
6.	BHANDARI SHUBHAM BALU	In vitro evaluation of anti-inflammatory activity of Celosia Argentina
7.	BHELAKE RUPALI SHARAD	
8.	BOMBE MAYURI VILAS	
9.	CHAUDHARI SONAL NAVNATH	
10.	CHAVAN SOHAM ASHOK	
11.	CHAVAN YUKTA DNYANESHWAR	Method development and validation of pharmaceutical dosage form by using UV visible spectrophotometry of Moxifloxacin Hydrochloride
12.	DABHADE MOHAN DNYANADEV	
13.	DAWKHAR SONAM RAJARAM	
14.	DESHMUKHPRATIKSHA SUNIL	
15.	DESHMUKH RAJASHREE VILAS	
16.	DHOBAL SANKET SANDIP	Analytical method development and estimation of Valsartan in bulk and pharmaceutical dosage form by using uv visible spectrophotometry method
17.	DOKHE SAURABH BAPUSAHEB	
18.	GAIKWAD OMKAR DATTATRAY	
19.	GALANDE SWAPNIL RAMDAS	
20.	GALANDE APARNA SANTOSH	
21.	GAVIT SANIKA YASHAVANT	Comparative study of HPTLC fingerprinting profile and
22.	GHONE VAISHNAVI	

	RAMKRUSHNA	
23.	HINDURAOPRATIKSHA DEEPAK	
24.	JADHAV RAVI MANOJ	
25.	JADHAV RAJU BALASAHEB	
26.	KADAMDIPAK DNYANOBA	Isolated marker compounds from Cucumis dipsaceus and Momordica dioica
27.	KADAM SHIVAM RAMDAS	
28.	KAHANE BHAKTI CHAITANYA	
29.	KAKADE ASMITA BHAUSAHEB	
30.	KAKADE RUSHIKESH BALASAHEB	
31.	KANAWADE SAURABH SUNIL	Evaluation of antidiabetic Activity of Celasia Argentica by In vitro method
32.	KHADSARE JAYESH NALESH	
33.	KHOLLAM OMKAR DILIP	
34.	KORADE PRATIKSHA SUBHASH	
35.	KORADE TEJAS VILAS	
36.	LAD AKANKSHA SUNIL	Analytical Method development of Ambroxol Hydrochloride by UV spectroscopy and forced degradation studies and detection of stability.
37.	MAGAR ASHWINI ARJUN	
38.	MAHALE ANKITA LAXMAN	
39.	MALI MANSI MADHUKAR	
40.	MANDLIK SHWETA RAJESH	
41.	MANKAR SUCHETA DHONDIBHAU	The spectrophotometric RP-HPLC method development and validation for the determination of Rosuvastatin in bulk drug and pharmaceutical dosage form
42.	NIGHOT SHAILESH ANIL	
43.	NILAKH SHRUTI PARSHURAM	
44.	PANSARE SAYLI AJIT	
45.	PATADE ASHWINI MOHAN	
46.	PATIL GITANJALI DATTATRAY	Evaluation of antidiabetic activity of Saraca asoca by in vitro method
47.	PAWAR SHRADDHA SHRIMANT	

48.	PAWAR GOKUL ASHOK	
49.	PUKALE PRIYANKA DHONDIRAM	
50.	ROKADE HRITIK VITTHAL	
51.	SABLE AKASH MARUTI	Formulation of herbal onintment and evaluation of physicochemical and phytochemical activity of TinosporaCardifolia
52.	SABaLE KIRAN DEVIDAS	
53.	SAID RUSHIKESH PANDURANG	
54.	SANGALE ROHINI JAGAN	
55.	SAYYAD SAMEER LATIB	
56.	SHINDE SHRADDHA DINESH	Formulation, Development and Characteization of Esomeprazole containing Mucoadhsive Wafers by Fast Melt Away Method.
57.	SHINDE SHWETA CHANDRASHEKHAR	
58.	TATTU TANUJA BHAGWAN	
59.	THORAT RUTUJA SANDIP	
60.	THUBE ANKITA SANTOSH	
61.	VARHADI NIKITA MADHUKAR	Comparative study of HPTLC fingerprinting profile and Isolated marker compounds from Cucumisdiapsaceus and Momordicadiocia
62.	VETAL VIKAS UDDHAV	
63.	WAYKAR DIVYA RAMDAS	
64.	YERANDE ASHWIN DAYANAND	
65.	ZINJAD SHUBHAM DATTATRAY	





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2. Sample Certificates of Project Work

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CERTIFICATE BY GUIDE

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*METHOD DEVELOPMENT AND VALIDATION OF PHARMACEUTICAL
DOSAGE FORM BY USING UV - VISIBLE SPECTROPHOTOMETRY OF
MOXIFLOXACIN HYDROCHLORIDE"*

*submitted to the Savitribai Phule Pune University, in partial fulfillment of
the requirements for the award of a record of bonafide research work
done by Sonam R.Dawkhar , Yukta D.Chavan of her/his study under
my supervision and guidance and the thesis hasnot formed the basis for the
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Mr.Hote Mangesh B.

Designation

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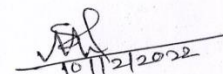
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10/11/2022

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Place: Ale (Pune)

Date: 10 / 12 / 2022



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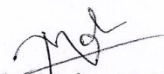
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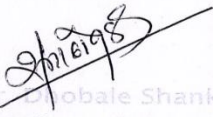
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Associate Professor

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CERTIFICATE BY GUIDE

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*"METHOD DEVELOPMENT AND VALIDATION OF PITAVASTATIN FORMULATION
BY RP-HPLC METHOD"*

*submitted to the Savitribai Phule Pune University, in partial fulfillment
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done by Miss.Rajashree Vilas Deshmukh, Miss.Pratiksha Sunil
Deshmukh, Mr.Mohan Dnyandev Dabhade. of her/his study under
my supervision and guidance and the thesis has not formed the basis for
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Mr. Mangesh B. Hole
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Place: Ale (Pune)

Date:

30/05/2022





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P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

3. Sample Project

**"PRELIMINARY CHARACTERIZATION AND
FORMULATION OF MUCOADHESIVE MICROSPHERE
CONTAINING ONDENSETRON HYDROCHLORIDE BY
USING NATURAL POLYMER"**

Practice School Report Submitted

By

*Miss. Gopale Rutuja Dipak,
Miss. Hadawale Pranita Pandurang*

Under the guidance of

Prof. Dr. Dhobale Shankar M.

(M Pharm, PhD)



SAVITRIBAI PHULE PUNE UNIVERSITY

Department of Pharmaceutics

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION

AND RESEARCH, ALE

2022-2023



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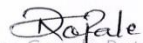


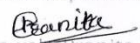
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DECLARATION BY CANDIDATE

*We hereby declare that the report entitled
"PRELIMINARY CHARACTERIZATION AND FORMULATION OF MUCOADHESIVE
MICROSPHERE CONTAINING ONDENSETRON HYDROCHLORIDE BY USING NATURAL
POLYMER"*

*Submitted to the institute done by us under the supervision and guidance of
Prof. Dr. Dhobale Shankar M. Department of Pharmaceutics and it has not
formed the basis for the award of any Degree / Diploma / Associateship /
Fellowship or other similar titles to any candidate in any University so far.*


Miss. Gopale Rutuja Dipak


Miss. Hadawate Pranita Pandurang

Place: Ale(Pune)

Date: 14/12/2022

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And Research, Ale 412411



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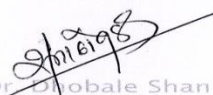


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Ale 412411

Place: Ale(Pune)

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ENDORSEMENT BY THE PRINCIPAL

*This is to certify that the practice
School Report entitled
"PRELIMINARY CHARACTERIZATION AND FORMULATION OF MUCOADHESIVE
MICROSPHERE CONTAINING ONDENSETRON HYDROCHLORIDE BY USING NATURAL
POLYMER"*

*This work was carried out by them in the Computer Lab, laboratory and library
of Vishal Institute of Pharmaceutical Education and Research, Ale under the guidance
of Prof.Dr. Dhobale Shankar M.*

Dr. Suresh L. Jadhav

(M. Pharm.PhD)

Principal,

VJSM's Vishal Institute of Pharmaceutical Education and Research,
Ale 412411

Place: Ale(Pune)

Date:



Acknowledgement

Its great pleasure for me to acknowledge all those who have contributed towards the conceptions origin and nurturing of this project the person whose picture comes first in my mind is that of my estimated guide **Dr. Dhobale Shankar M.** for this valuable guidance, timely advice, kind cooperation, understanding and constant inspiration throughout the course of the study. It is with affections and reverence that I dedicate often beyond the call of duty. It was pleasure of working under his guidance.

I would like to express my obligation to our **Principal Dr. Jadhav. Suresh L.** for providing excellent facility for study and parental attitude and constant encouragement.

I would like to express my sincere thanks to all the faculty members of pharmaceutics department and there best wishes and guidance during my entire course of study.

I would like to extend my sincere thank to all the non teaching staff of my department especially to Mr. Kale G. for there valuable cooperation.



Preliminary Characterization & Formulation of Mucoadhesive Microsphere Containing Ondansetron Hydrochloride by Using
Natural Polymer

INDEX

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**PRELIMINARY CHARACTERIZATION AND FORMULATION OF
MUCOADHESIVE MICROSPHERE CONTAINING ONDANSETRON
HYDROCHLORIDE BY USING NATURAL POLYMER**

ABSTRACT

The present study was aimed to prepared mucoadhesive microsphere for sustained release of Ondansetron hydrochloride using natural polymer. Mucoadhesive Microspheres are an integral component of this multi-particle drug delivery system and play an important function in the delivery of a novel drug. Mucoadhesive microsphere have a longer duration of resistance at the absorption site and improves the therapeutic efficacy of the Ondansetron hydrochloride and also enhancing patient compliance by reducing done frequency. Preformulation characterization such as UV spectroscopy, physicochemical characteristics, solubility etc. has been studied. FTIR study recommends that the Compatibility study was carried out by following ICH guidelines.

Key words: FTIR, Mucoadhesion, ICH guideline, Ondansetron HCL



1. INTRODUCTION: [1]

Orally controlled release systems remain the most prominent among all drug delivery systems. This has many advantages compared to conventional systems, such as better plasma level profile, lower dosing, and toxicity, etc. Microspheres are a type of novel drug delivery system comprised of different polymers and also have a variety of applications. Ondansetron is a novel and specific antagonist of the 5-HT receptor indicated for chemotherapy-induced nausea and vomiting in cancer patients. The half-life in plasma has been reported to be 4-5 hours. The shorter biological half-life and frequent dosing in chemotherapy-induced nausea and vomiting make it as an ideal candidate for sustained release drug delivery system. Therefore, the objective of the work is to provide a sustained action pharmaceutical composition containing ondansetron in a modified release formulation, to maintain the blood level of active ingredient for a prolonged period of time. Microencapsulation is of the technique to sustain the rate release of the drug. Microencapsulation can improve the absorption of a drug and reduce side effects such as irritation of the gastrointestinal mucosa. Only limited studied on ondansetron extended-release formulation has been carried out using cellulose derivatives.

1.1. ADVANTAGES OF MUCOADHESIVE DRUG DELIVERY SYSTEM: [1]

- The formulation at the delivery site stays longer, due to the adhesion and intimate contact, improving the bioavailability of the API using a lower API concentration in the treatment of disease.
- Better compliance with patients and convenience because of lower doses of drugs.
- It offers an excellent route for the systemic delivery of drug with a high level of first pass metabolism by offering higher bioavailability.
- Significant cost reduction achieved and dose related side effects may be reduced due to the localization of the API at the diseased site.
- Approximately the morphology of microsphere allows for controlled variability in degradation and release of drug.
- Sufficient and prolonged therapeutic effect.

The use of Mucoadhesive microspheres in the development of Oral controlled drug delivery



systems for effective gastro-intestinal retention and sustained action. The Mucoadhesive system has proven to be very effective.

Due to their high Mucoadhesive functions and low toxicity, anionic polymers are the most often used as Mucoadhesive polymers in pharmaceutical formulations. These include alginates, carrageenan, and polyacrylic acid (PAA) and are weakly cross-linked with sodium-carboxymethylcellulose derivatives (NaCMC). Because of the high hydrogen-bonding interactions with mucin, PAA and NaCMC have excellent Mucoadhesive characteristics. The derivatives of polycarbophil and carbomers (Carbopol and PAA), as a Mucoadhesive platform for drug delivery to the GI system, were extensively studied.

1.3. CLASSIFICATION OF MUCOADHESIVE POLYMERS [1]

There are various mucoadhesive polymers of synthetic and natural origin, which are classified in the Table 1 below:

Table 1: A shortlist of Mucoadhesive Polymers

Sr. No	Synthetic Polymer	Natural Polymer
1	Hydroxypropyl methylcellulose (HPMC)	Chitosan
2	Poly (acrylic acid) polymers (carbomers, polycarbophil)	Sodium alginate
3	Polyvinyl pyrrolidone (PVP)	Pectin
4	Polyvinyl alcohol (PVA)	Locut bean gum
5	Polyhydroxyethyl methylacrylate	Guar gum
6	Polyethylene oxide	Xanthum gum
7	Sodium carboxy methyl cellulose (Na CMC)	Karaya gum
8	Hydroxyl ethyl cellulose (HEC)	Gelatin
9	Hydroxypropyl cellulose (HPC)	Tragacanth
10	Ethyl cellulose (EC)	Soluble starch
11	Methylcellulose (MC)	Lecithin

1.4. MECHANISM OF MUCOADHESION: [1-2]

It includes 2 steps: A. The Contact stage B. Consolidation Stage

A. The Contact Stage

The first phase of the Mucoadhesive Mechanism is the contact stage. This stage is marked by the



association of the Mucoadhesive material with the mucosal surface, as well as by the swelling and spread of the formulation, which generates a deep contact with the mucosal surface.

B. Consolidation Stage

Mucoadhesive materials are activated in this process by the presence of moisture. The system is plasticized by humidity which allows the Mucoadhesive molecules to break free and link with weak hydrogen bonds.

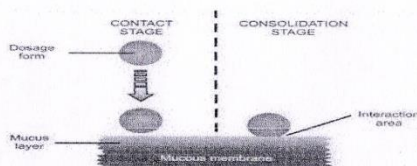


Fig.1. Mechanism of Mucoadhesion

1.5. THEORIES OF MUCOADHESION: [3]

Several theories have been proposed to explain the fundamental mechanisms of adhesion. In a particular system, one or more theories can equally well explain or contribute to the formation of bioadhesive bonds

1. Electronic theory

According to this theory, electron transfer occurs upon contact of an adhesive polymer with a mucus glycoprotein network because of differences in their electronic structures. This results in the formation of an electrical double layer at the interface. Adhesion occurs due to attractive forces across the double layer.

2. Absorption theory

According to this theory, after an initial contact between two surfaces, the material adheres because of surface forces acting between the atoms in the two surfaces. Two types of chemical bonds resulting from these forces can be distinguished:

- (i) Primary chemical bonds of covalent nature, which are undesirable in bio adhesion because their high strength may result in permanent bonds.



- (ii) Secondary chemical bonds having many different forces of attraction, including electrostatic forces, Vander Waals forces and hydrogen and hydrophobic bonds.

3. Wetting theory

Wetting theory is predominantly applicable to liquid bio adhesive systems and analyse adhesive and contact behavior in terms of the ability of a liquid or a paste to spread over a biological system. The work of adhesion (expressed in terms of surface and interfacial tension, γ being defined as the energy per cm^2 released when an interface is formed. The work of adhesion is given by

$$W_a = \gamma_A + \gamma_B - \gamma_{AB} \quad \dots 1 \text{ where 'A' and 'B' refer to the biological membrane and the}$$

bioadhesive formulation respectively. work of cohesion is given by

$$W_c = 2\gamma_A \text{ or } \gamma_B \quad \dots 2 \text{ For a bio adhesive material B spreading on a biological}$$

substrate A, the spreading coefficient is given by

$$S_{B/A} = \gamma_A - (\gamma_B + \gamma_{AB}) \quad \dots 3 \text{ } S_{B/A} \text{ should be positive for a bioadhesive material to adhere}$$

to a biological membrane.

4. Diffusion theory

According to this theory, the polymer chains and the mucus mix to a sufficient depth to create a semi- permanent adhesive bond. The exact depth to which the polymer chains penetrate the mucus depends on the diffusion coefficient and the time of contact. This diffusion coefficient, in turn, depends on the value of molecular weight between crosslinks and decreases significantly as the cross-linking density increases

5. Fracture theory

This theory attempts to relate the difficulty of separation of two surfaces after adhesion.

Fracture theory equivalent to adhesive strength is given by:

$G = (E_e / L)^{1/2}$ Where, E - Young's modulus of elasticity; e - fracture energy, and L - critical crack length when two surfaces are separated.

1.6. Ondansetron Hydrochloride: [4]

Ondansetron, commonly referred to by its brand name Zofran, is a drug that was first develop and studied in the 1980s and is now widely approved for prevention and treatment of nausea and vomiting associated with chemotherapy, radiation, and surgery.



*Preliminary Characterization & Formulation of Mucoadhesive Microsphere Containing Ondansetron Hydrochloride by Using
Natural Polymer*

Ondansetron and other members of the steron drug family are serotonin antagonist. This means these drugs blocks the serotonin receptor in the chemoreceptor trigger zone (CTZ) with in the medulla oblongata. The CTZ communicates with the vomiting centre to the initiate vomiting. By blocking the serotonin receptor, there less serotonin that enters the CTZ, with decreases communication with vomiting centre. Ultimtely, the patient experience reduced nausea and vomiting.

1.7. Methods Of Preparation of Mucoadhesive Microspheres: [1,5]

Mucoadhesive microspheres can be prepared by using different techniques like:

1. Complex Coacervation

The theory of this approach is that when two hydrophilic colloids solutions are combined under appropriate conditions, the liquid precipitate separates. The coating material process, made by dissolving an immiscible polymer in a suitable vehicle, and the core material are dispersed in a coating polymer solution under constant stirring in this system. Changing the temperature of the polymer solution; changing the pH of the medium; applying salt or an incompatible polymer or a non-solvent to the polymer solution; inducing a polymer-polymer interaction were all used to achieve microencapsulation. To shape a self-sustaining microsphere, the coating is typically hardened using thermal cross-linking or desolation techniques.

2. Hot Melt Microencapsulation

This method was used to create microspheres of Polyanhydride copolymer of poly bis (p-carboxyl phenoxy) propane anhydride with sebacic acid. The polymer is melted first, and then the solid drug particles are added in a continuous mixing process. To obtain a stabilized emulsion, the prepared mixture is suspended in a non-miscible solvent such as silicone oil and heated at a temperature above the melting point of the polymer with continuous stirring. After cooling the emulsion to solidify the polymer particles, the microspheres are filtered and washed with petroleum ether.

3. Single emulsion technique

There are several Proteins and carbohydrates, which are prepared by this technique. In which the natural polymers are dissolved in aqueous medium and the followed by dispersion in oil phase i.e., non-aqueous medium. That is the first step in Next step cross linking is carried out by two methods.



(1) **Cross linking by heat:** by adding the dispersion into heated oil, but it is unsuitable for the Thermo labile drugs.

2. **Chemical cross-linking agents:** by using agents i.e., formaldehyde, di acid chloride, glutaraldehyde etc. but it is having a disadvantage of excessive exposure of active ingredient to chemicals if added at the time of preparation and then subjected to centrifugation, washing and separation. Chitosan solution (in acetic acid) by adding to Liquid paraffin containing a surfactant resulting formation of w/o emulsion. Metformin hydrochloride microspheres are preparing by using glutaraldehyde 25% solution as a cross linking agent.

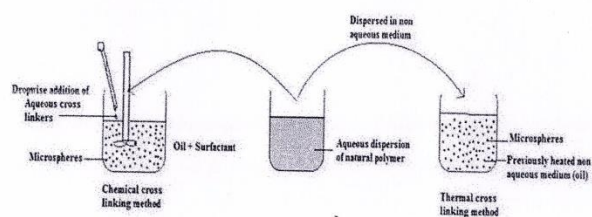


Fig. 2. Chemical cross-linking agent

4. Double Emulsion Method

A two-stage emulsification process is used to generate transient W1/O/W2 emulsions. The principle of encapsulation is based upon inducing phase separation of the polymer dissolved in an organic solvent due to partial extraction of the solvent in a large volume of an external water phase and evaporation of the volatile solvent. The polymer then forms a coacervate enclosing the internal aqueous phase (W) containing the active compound and microparticles are hardened under removal of residual solvent. A limited solubility of the solvent in the external water phase is beneficial. Dichloro- methane was frequently employed because of its low boiling point, which facilitates the removal of residual solvent from the finished product. The hydrophilic drug substance is dissolved either in water or buffer and represents the internal water phase (W). Stabilizing excipients can be added to protect the drug in the core of the microspheres. This W, phase is homogenized with the O phase yielding a W/O emulsion. Homogenization is carried out by using high-speed or high-pressure mixers, ultrasonication, or static mixers.



Preliminary Characterization & Formulation of Mucoadhesive Microsphere Containing Ondansetron Hydrochloride by Using Natural Polymer

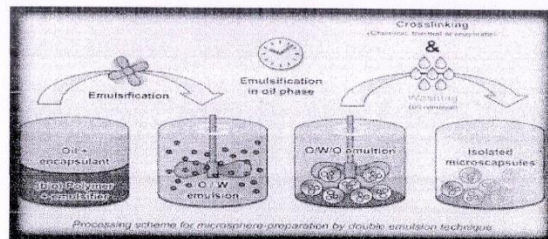


Fig. 3. Double emulsion method

5. Solvent Evaporation

This is done in a liquid production vehicle. The microcapsule coating is dispersed in a volatile solvent that is incompatible with the liquid manufacturing vehicle phase of the process. In the coating polymer solution, a central substance to be microencapsulated is dissolved or dispersed. The core material mixture is distributed in the liquid manufacturing vehicle process with agitation to achieve the desired microcapsule size. If required, the mixture is heated to evaporate the solvent from the core material's polymer, after which the polymer shrinks around the core. Matrix-microcapsules are created when the core material is dissolved in the coating polymer solution.

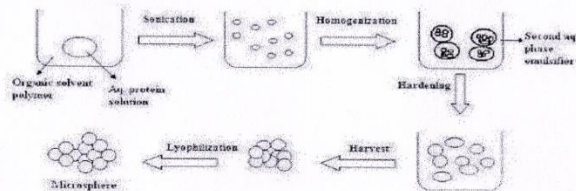


fig.4. Solvent Evaporation

6. Ionotropic Gelation Method

The drug is added to the aqueous sodium alginate solution by this method. To obtain a complete solution, the stirring continues and, after that, the solution containing $\text{Ca}^{2+}/\text{Al}^{3+}$ is added drop-



wise. The microspheres formed were kept in the original solution for 24 hours for internal gellification followed by filtration for separation. The total release is achieved at pH 6.4-7.4, but the drug will not release at acidic PH. There are two methods by which microspheres can be generated using the ionotropic gelation technique, the external ionotropic gelation/cross-linking method, and the internal ionotropic gelation/emulsification method.

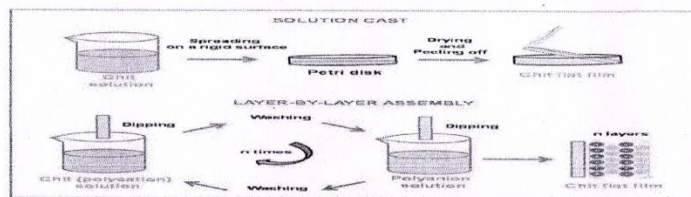


Fig.5. Ionotropic gelation method

6. Phase separation and coacervation Method

These phase separation processes can be used to encapsulate solid or liquid drug particles which are dispersed in the polymer solution. The encapsulation process involves three main stages,

1. Phase separation of the primary wall polymer solution is induced by one of the above mentioned methods. This leads to a three-phase system consisting of a polymer-rich liquid phase (coacervate phase), a polymer-lean liquid phase, and a solid or liquid phase made up of the drug particles. This suspension or emulsion is usually maintained by continuous agitation.
 2. The polymer-rich phase deposits as micro droplets on the interface of the dispersed drug particles. The micro droplets then start to spread leading to fusion into a membrane
 3. The polymer membrane is hardened through thermal, desolation, or chemical methods.
- A simple coacervation process can easily be demonstrated in an aqueous gelatin solution in which the solid or liquid drug is dispersed.

Spray Drying Method

Spray drying is traditionally used in the chemical, pharmaceutical, biochemical, and food industries for the drying of substances. For example, it is commonly used to process milk, ceramics, and various chemicals into a dry powder form. Therefore, information from food processing and chemical engineering is particularly relevant to pharmaceutical problems. The spray drying technique can be



used to encapsulate sensitive substances such as fragrances, essential oils, or vitamins. The internal structure of the microparticles depends on the solubility of the drug in the polymer leading to monolithic microspheres with dispersed or dissolved drug substance. True microcapsules can be obtained by spraying a suspension of a drug in an organic solution of the polymer. By contrast, microspheres of solid solution or solid dispersion morphology, are obtained by selection of appropriate process conditions and solvents. In the following sections, the different principles of the spray drying process, equipment, and pharmaceutical applications will be discussed.

1.8. FACTORS AFFECTING MUCOADHESION [1]

The Mucoadesion of a drug carrier system to the mucous membrane depends on the below-mentioned factors:

- | | |
|-----------------------------------|------------------------------------|
| 1. The molecular weight | 6. Concentration of the polymer |
| 2. Stereochemistry of the polymer | 7. The chain length of the polymer |
| 3. Hydration of the polymer | 8. pH at the polymer |
| 4. substrate interface | 9. Swelling of the polymer |
| 5. Applied strength | |



2. LITERATURE SURVEY:

Salvucci AA, Squire B, Burdick M, et al. Ondansetron is safe and effective for prehospital treatment of nausea and vomiting by paramedics. *Prehosp Emerg Care* 15(1): 34-8, Jan 2011.

Ondansetron, an antiemetic, as a single dose reduced vomiting and facilitated oral rehydration in a study of children in an emergency department in the United States.

From: Feigin and Cherry's Textbook of Pediatric Infectious Diseases (Sixth Edition), 2009

Alginate aerogel beads doped with a polymeric deep eutectic solvent for green solid-phase micro extraction of 5-hydroxymethylfurfural in coffee samples

2022, *Micro chemical Journal*

Development of novel Co-MOF loaded sodium alginate-based packaging films with antimicrobial and ammonia-sensitive functions for shrimp freshness monitoring

2023, *Food Hydrocolloids*

Comparison of ondansetron HCl, granisetron HCl and palonosetron HCl for prevention of postoperative nausea and vomiting following gynaecological surgery under general anesthesia, Nita D Gosai, Rekha N Solanki*, Bhavna C Shah, Pooja Kumar, Rajdip Kubavat, 2019 102-106

Sodium alginate: the wonder polymer for controlled drug delivery

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A Brief Review on Chitosan and Application in Biomedical Field. *American Journal of PharmTech Research* 2016. A Brief Review on Chitosan and Application in Biomedical Field

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The first reference to chitin in scientific literature was in 1811 when Henri Braconnot, a professor of natural history in France, separated chitin from a fungus (Khor, 2001). Odier in 1823 (Odier, 1823) managed to isolate the same material from the exoskeleton of a beetle and named this substance chitin from Greek meaning tunic or envelope.



*Preliminary Characterization & Formulation of Mucoadhesive Microsphere Containing Ondansetron Hydrochloride by Using
Natural Polymer*

In 1859, chitosan was discovered by a French scientist Rouget (Rouget, 1859), who boiled chitin in potassium hydroxide rendering a new substance soluble in organic acids. He named it modified chitin. However, 35 years later, this modified chitin was named 'chitosan' by Hoppe-Seyler in 1894 (Hoppe-Seyler, 1894).

The structure of chitosan was not resolved until 1950 (Khor, 2001). The first books on chitin were published in 1951 (Muzzarelli, 1977). In 1963, K.M. Rudall described the crystallographic structure of chitin for the first time (Rudall, 1963).

Due to recent increased understanding of its functionality and tremendous potential applications in several fields, chitosan has received increased attention over the last three decades as one of the promising renewable polymeric materials (Majeti & Kumar, 2000, Sinha et al, 2004).



3. AIM AND OBJECTIVES OF THE STUDY

AIM:

In this study the mucoadhesive microsphere of Ondansetron hydrochloride were prepared by single emulsion technique with an aim to avoid first pass effect and to improve therapeutic efficacy of Ondansetron in treatment of nausea and vomiting.

OBJECTIVE:

The objective of this study way to develop a mucoadhesive microsphere using natural polymer such as sodium alginate and chitosan. The formaldehyde is used as cross-linking agent. A total no. of 5 formulation was prepared by single emulsion technique. By this study it is possible to increase patient compliance, to increase bioavailability of drug, to act drug at targeted site, to decrease dose frequency and increase drug efficacy.



4. PLAN OF WORK:

The present work was carried out preliminary characterization of mucoadhesive microsphere containing Ondansetron HCL by using natural polymer.

The study was purpose to carry out in the following stages,

Phase-1

- Preformulation study of Ondansetron HCL
- Preparation of standard curve of Ondansetron HCL.

Phase-2

- Formulation and preparation of mucoadhesive microsphere containing Ondansetron HCL.
- Evaluation of mucoadhesive microsphere
- Angle of repose
- Mocoadhesion test
- Drug release study



5. LIST OF MATERIALS AND EQUIPMENTS:

Table 3: List of Materials

SR. No	Name of Material	Mfg. BY	Use
1.	Ondansetron HCL	Dr. Reddy's Laboratories	Anti emetics
2.	Sodium Alginate	Hilab Chemicals	Polymer
3.	Chitosan	Research lab fine chem. Industry	polymer
4.	Formaldehyde	Research lab fine chem. Industry	Cross linking agent

Table 4: List of Instrument/Equipment

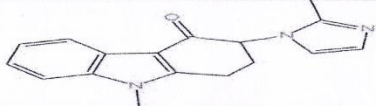
S. NO	Name of Instrument/Equipment	Model	Mfg By
1.	UV spectrophotometer	UV1800	Shimadzu
2.	Single panel electronic balance	AY220	Shimadzu
3.	FTIR Spectrometer	Spectrum 65	Perkin Elmer



5. 1. DRUG/EXCIPENTS PROFILE: -

5.1.1. Ondansetron Hydrochloride [6]

4.1. Ondansetron Hydrochloride:

Molecular formula	C ₁₈ H ₂₀ Cl ₃ O
Structure	
IUPAC Name	9-methyl-3-[(2-methylimidazol-1-yl) methyl]-2,3-dihydro-1H-carbazol-4-one; hydrochloride
Molecular weight	365.9
Schedule	Schedule H
Indication	Vomiting
Class	Anti-emetics drug, Selective 5-HT ₃ Antagonis
Bioavailability	similar to 60%
Protein Binding	70-60%
Metabolism	liver
Half life	5.7 hours
Excretion	kidney
Synonyms	Ondansetron hydrochloride, Zofan ondemet, Emeset, zuplenz,
Indication	To prevent nausea and vomiting caused by cancer chemotherapy, radiation therapy and surgery
Description	Blocking the action of serotonin, a natural substance that may cause nausea and vomiting
Safety	Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment.



5.1.2. SODIUM ALGINATES: [6,7]

Molecular formula	(C ₆ H ₇ NaO ₆) _n
Synonyms	Alginato sodico, algin; alginic acid, sodium salt; E401; Kelcosol alginate Keltone; natrii alginas; Protanal; sodium polymannuronate.
Molecular weight	1.93x10 ⁵ g/mol.
Indication	Thickening agent, gelling agent, emulsifier
Description	Sodium alginate occur as an odorless and tasteless, white to pale yellowish brown colored powder.
Safety	Formulations, such as tablets and topical products, including wound dressings. It is generally regarded as a nontoxic and nonirritant material, although excessive oral consumption may be harmful.

5.1.3. Chitosan: [6]

Molecular Formula	C ₁₈ H ₃₅ N ₃ O ₁₃
Synonyms	chitosan
Molecular Weight	501.5
IUPAC name	2-amino-2-deoxy-beta-D-gluco-hexopyranosyl-(1->4)-2-deoxy-hexopyranosyl-(1->4)-2-deoxy-hexopyranose
Melting point	216.69



6. EXPERIMENTAL

6.1. PREFORMULATION STUDIES:

6.1.1. Organoleptic Properties: [8]

This includes recording of color, odor and taste of the drug using descriptive terminology:

Color- stability problems, improve appearance by including dye in body or coating.

Taste - palatability problems, flavor and excipients may be added.

Odor- degradation products, stable form of drug to be used, flavors and excipients may be used.

6.1.2. Solubility Study: [8]

The solubility test is an important parameter before formulation development. The solubility of solute means the maximum quantity of solute that can be dissolved in certain quantity of solvent or quantity of solution at a specified temperature. Solubility is usually determined in variety of commonly used solvents. The solubility of material is usually determined by the equilibrium solubility method.

6.1.3. Melting Point: [8]

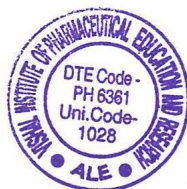
Melting point is the temperature at which the solid phase is at equilibrium with the liquid Phase. It was determined by using the digital melting point instrument. Melting point of Ondansetron 230.6°C.

6.1.4. UV-Visible Spectroscopic Analysis of Ondansetron Hydrochloride:

Procedure [8,9]:

10 mg of ODN was accurately weighed and transferred to 100 ml of volumetric flask. The drug was dissolved in 100 ml distilled water to obtain a stock solution 100 µg/ml. One ml of this stock solution was again diluted with distilled water up to 10 ml to obtain a solution of 10 µg/ml. The resulting solution was scanned between 200 nm to 350 nm using Systronics 2205 double beam UV/visible spectrophotometer.

The solutions were scanned in the range of 400-200 nm against 0.1N HCL as reference, and the peaks were observed in the spectra at 310nm. The wavelength selected for analysis of drug was 310nm. The drug obeys the lamberts law in the range of 4-24 µg/ml. By using linearity plot the quantification was carried out.



Calibration Curve:

Accurately weighed 10 mg of ODN was transferred to 10 ml volumetric flask. The drug was dissolved in 10 ml distilled water (stock solution-I) to make a solution 1000 ug/ml. 5 ml of stock solutions-I diluted to 100 ml with distilled water to give a stock solution of concentration 50 ug/ml (Stock solution-II). From stock solution II aliquots of 1, 2, 3, 4, 5, & 6 ml were transferred to a series of 10 ml volumetric flasks and the volume was made up to the mark with 0.1 N hydrochloric acid to prepare the concentration from 5 to 30 ug/ml.

Assay of ondansetron hydrochloride [8]:

To determine the total drug content of the microspheres 100mg of microspheres was ground to a fine powder and dissolved in 5ml (water and methanol) and diluted with phosphate buffer pH 6.8 to 100ml. the drug content was determined spectrophotometrically at 248 nm. Three determinations of the microspheres content from the same batch for each ratio and method was performed.

Area under curve

Area under curve method involves the calculation of integrated value of absorbance with respect to the wavelength between two selected wavelengths such as λ_1 and λ_2 representing start and end point of curve region. The area under curve between λ_1 and λ_2 was calculated using UV probe software. In this study area was integrated between wavelength ranges from 248 to 254 nm. Where, α is area of portion bounded by curve data and a straight line connecting the start and end point, β is the area of portion bounded by a straight line connecting the start and end point on curve data and horizontal axis, λ_1 and λ_2 are wavelength range start and end point of curve region.

6.1.5. Compatibility Study by Using FTIR.

Fourier transform infrared spectroscopy (FTIR)[8]

The FTIR spectra acquired were taken from dried samples. FTIR (Thermo Nicolet 670) spectrometer was used for the analysis in the frequency range between 4000cm^{-1} and 400cm^{-1} .

6.1.6. Physical Stability Studies [8]

Physical stability study was performed at room temperature for one month. Stability of the prepared vesicles showed that drug leakage after one month. Vesicles also were found to be reasonably stable in terms of aggregation and fusion. In accordance with the results, it can be concluded that at room



Preliminary Characterization & Formulation of Mucoadhesive Microsphere Containing Ondansetron Hydrochloride by Using Natural Polymer

temperature, there were slightly but insignificantly increase in the particle size. Results suggest that keeping the vesicular product at room temperature minimizes the stability of vesicles, but vesicular product may be stable in refrigerated condition.

6.2. FORMULATION AND PREPARATION OF MUCOADHESIVE MICROSPHERE CONTAINING ONDANSETRONE HYDROCHLORIDE BY USING NATURAL POLYMER

5.2.1. Formulation table for Ondansetron Microspheres

Code	Drug: Polymer:	Drug (mg)	Sodium alginate	Chitosan	Formaldehyde
F1	1:1	4	4	-	Q. S
F2	1:2	4	8	-	Q. S
F3	1:3	4	12	-	Q. S
F4	1:1:1	4	-	4	Q. S
F5	1:1:2	4	-	8	Q. S

Table 1. Formulation Table

6.2.2: Method of Preparation Single emulsion technique

Description:

By this technique the macro particulate of the natural polymer i.e., carbohydrate and protein are prepared. The natural polymer are dissolved in aq. Medium which is followed by dispersion in the non aq. Medium like oil. The cross linking of the disperse globule is carried out in second step by heat or by using the chemical cross linkers, the cross linking can be achieved by using formaldehyde. For the thermolabile substance the heat denaturation is not suitable. The chemical cross linking having the drawback of excessive exposure of the active ingredient to the chemical, if added at the time of preparation. Then subjected to the centrifugation, separation, washing, nature of the surfactant used to stabilize the emulsion phase influenced by size distribution loading drug release, surface morphology and bio performance of the final multiparticulate product.



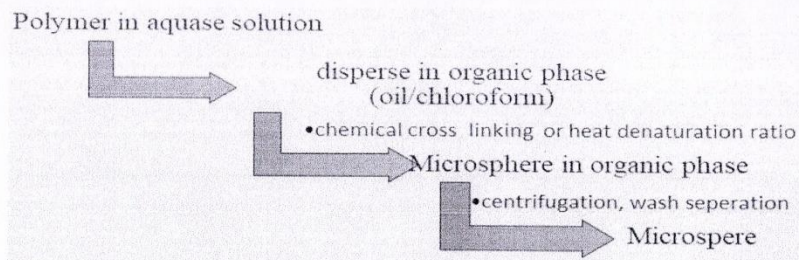


Fig.6. Single emulsion technique

6.3. Evaluation of Mucoadhesive Microsphere:

1. Particle Size and Shape [1]

Particle Size and Shape Microspheres' size, shape, and outer structure can be determined using light microscopy (LM) and scanning electron microscopy (SEM).

2. Micromeritics Properties [8]

A) Angle of Repose

Angle of repose of different formulations was measured according to the fixed funnel standing cone method. The angle of repose is designated by θ and given by equation

$$\tan \theta = \frac{h}{r}$$

Where,

h- Height of pile

r- Radius of the base of the pile

B) Mucohesion test [11]:

The mucoadhesive properties of various formulations of Ondansetron hcl loaded sodium alginate/chitosan beads were evaluated by the in vitro wash-off method. The adherence of beads was regularly observed. The beads that remained adhered to the mucosa were counted at regular intervals for up to 10 hours.

$$\% \text{ of mucoadhesion} = \frac{\text{No. of adhered microbeads}}{\text{Total no. of applied microbeads}} \times 100$$

C) Drug Release Study [11]:

The release of Ondansetron hydrochloride was studied in 900 ml phosphate buffer saline as



dissolution media using USP 2nd dissolution apparatus. The sample were withdrawn at an interval of 0,15,30,45,60,120,240,360,480 min and replaced simultaneously with fresh buffer. The collected sample were assayed with the help of UV spectrophotometer at 250nm. All measurement were carried out in triplicate and average values plotted.

D) Bulk Density and Tapped Density [8]

The density was measured by tapping method. The bulk density, and tapped density were calculated using the following formula

$$\text{Bulk density} = \frac{\text{Weight of the powder}}{\text{Bulk Volume of the powder}}$$

$$\text{Tapped density} = \frac{\text{Weight of the powder}}{\text{Volume of liquid it displaces the powder}}$$

E) Swelling index [8]

The following equation can be used to calculate the percent swelling value,

$$\text{Percent swelling} = \frac{D_T - D_0}{D_0} \times 100$$

F) Encapsulation efficacy [8]

Drug entrapment efficiency of the formed microspheres was evaluated by using cooling ultracentrifuge (Remi) at 4000 rpm in 3 subsequent rounds. The clear supernatant separated the un-entrapped drug and the absorbance taken at A_{max} at 248 nm using UV spectrophotometer (Shimadzu UV 1800).

$$\text{Encapsulation Efficacy} = \frac{\text{Actual drug content}}{\text{Theoretical drug content}} \times 100$$

G) Entrapment Efficacy [8]

Entrapment Efficiency Allowing washed microspheres to lyse can be used to calculate the microspheres' entrapment efficiency or percent entrapment. The lysate is then filtered or centrifuged, and the active constituents are determined according to the monograph's standards

$$\% \text{ Entrapment} = \frac{\text{Amount in supernatant} - \text{Amount in sediment}}{\text{Amount in supernatant}} \times 100$$



7. RESULTS AND DISCUSSION

7.1. Identification test of Ondansetron

Test	Ondansetron	
	Specification	Observation
Physical appearance	White to off-white powder	White powder
Taste	Tasteless	Tasteless
Odor	Odorless	Odorless
Melting Point	231 - 232°C	230.6 °C

Table 1. Identification test of Ondansetron

7.2 Solubility test

Table 2. Solubility test

Sr. No	Solvent	Solubility
1	Water	Sparingly soluble
2	Methanol	Soluble
3	Chloroform	Slightly soluble
4	Dichloromethane	Sparingly soluble
5	Methylene chloride	Slightly soluble

7.3. UV Determination

The UV visible spectroscopic method for the Ondansetron Hydrochloride by Second order derivative Area under Curve was found to be simple, accurate, economical and reproducible. The drug concentrations were found to be linear in the range of 04-24 µg/ml. The result of the analysis for pharmaceutical formulation by the development method was consistent with the label claim, highly reproducible and reliable. The method can be used for routine quality control analysis of Ondansetron Hydrochloride in bulk and pharmaceutical formulations.



Table 3. Linearity of ondansetron

Sr. No.	Concentration in µg/ml	Absorbance UV method
1	4	0.176
2	8	0.337
3	12	0.512
4	16	0.665
5	20	0.832
6	24	0.980

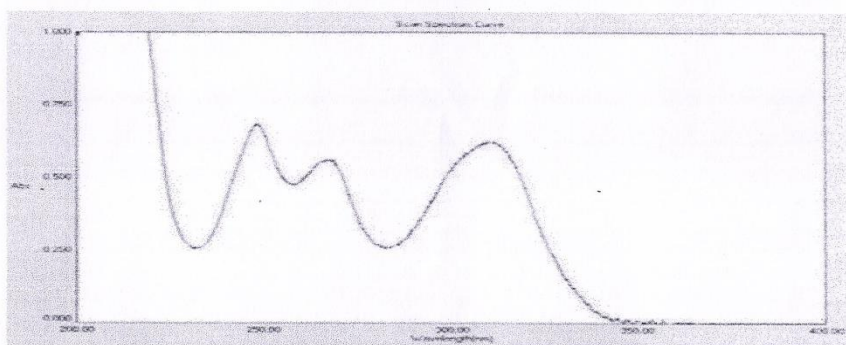


Fig. 6. Absorption maxima spectrum of Ondansetron

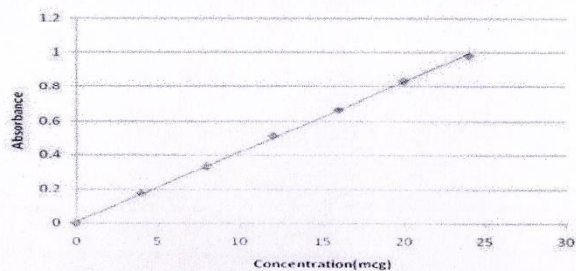


Fig. 7. Calibration curve of Ondansetron at 310nm



Identification by FTIR study of pure drug and polymer

FTIR study of pure drug sample was carried out. This identification was done by measuring the wave number of particular functional group to characterize the pure drug. FTIR (Fourier Transform Infra-Red Spectroscopy) spectrum of pure Ondansetron (Fig 2) showed the characteristic peak at 1734.27cm^{-1} which can be assigned to the C-O stretching in the aromatic ring and a peak at 1637.07cm^{-1} which can be assigned to the C-N in the aromatic ring, a peak at 1529.82cm^{-1} which can be assigned to the N-H stretching and a peak at 1279.87cm^{-1} which can be assigned to the stretching of C-C in the aromatic ring.

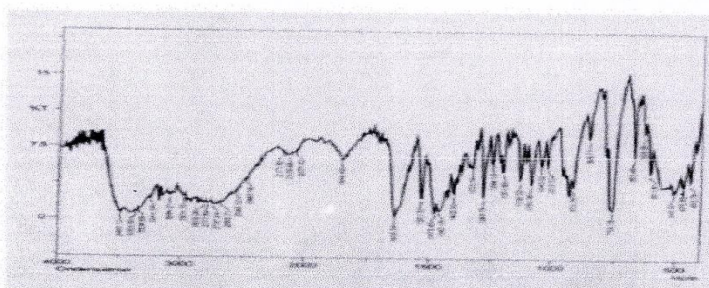


Fig 8. IR Spectrum of Pure Drug Ondansetron



8. CONCLUSION

The ondansetron hydrochloride microspheres sustained drug release for longer thereby it could be capable of reducing the frequency of administration and the dose-dependent side effects with the repeated administration of conventional ondansetron tablets. This type of sustained formulation will be better suitable for the cancer patients. No drug polymer interaction was found and formulations remained stable over a long period of time. The Mucoadhesive microsphere's promising goal is to achieve controlled release with increased bioavailability and drug targeting to specific body sites. The production method was optimized for particle size and production yield. The volume of internal phase, rate of agitation and concentration of emulsifying agent significantly influence the particle size and production yield of ODN microspheres. The prepared ODN microspheres exhibits good flow.

The proposed methods are simple, sensitive, and cost-effective. Validated in terms of precision, linearity and accuracy. The results are reproducible, and can be used successfully for the estimation of Ondansetron in bulk and its pharmaceutical formulations.



9. REFERENCE:

1. Hans Raj, Ankita Sharma, Shagun Sharma, Kapil Kumar Verma, Amit Chaudhary: Mucoadhesive Microspheres: A Targeted Drug Delivery System, Journal of Drug Delivery and Therapeutics:151,152,153.
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VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
Principal

Ale, Tal. Junnar, Dist. Pune-412411 | Contact No. : 9892376014 | E-mail : vjsm.principal@gmail.com | Website: www.viperale.com

P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

4. Specimen Copy of Industrial Training Letter



VISHAL JUNNAR SEVA MANDAL'S
**VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH**

I. Ale, Tal.- Junnar, Dist.- Pune-412411 | Contact No. : 9892376014 | E-mail :
vjsm.principal@gmail.com | Website: www.vjsmale.com |
| PCI Inst. Code : PCI-2620 | DTE. Inst. Code : PH6361, MP6361 | University ID. No.:
CPHP012670 |

Ref. No. : VJSM/VIPER/2022-23/TPCELL- IND. TRAINING - 177

Date : 08-08-2022

TO WHOMSOEVER IT MAY CONCERN

Sub: Industrial Training for B. Pharm. Students..

This is to bring to your attention that, V.J.S.M.'s Vishal Institute of Pharmaceutical Education and Research, Ale is an PCI, New Delhi and University of Pune approved Institute for Pharmacy Degree Course in Dist-Pune.

You may be aware that each undergraduate B.Pharm Student is required to undertake one month Industrial Practical Training for the partial fulfillment of his/her Pharmacy Degree Course.

Hence, we request you to kindly accommodate our Mr. / Miss. PRANJAL SHIVAJI SARODE T.Y.B. PHARM student, for Industrial Training in your Esteemed Organization and oblige.

Thanking you in anticipation.

Yours Faithfully,

Dr. Suresh Laxman Jadhav





VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
Principal

Ale, Tal. Junnar, Dist. Pune-412411 | Contact No. : 9892376014 | E-mail : vism.principal@gmail.com | Website: www.viperale.com

P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

5. List of Students Completed Industrial Training



**Vishal Institute of pharmaceutical Education & Research ale,
Tal. Junnar Dist. Pune, 412411.
Student List for Industrial Training**

Students Training 2021-22

Class: Third Year B Pharm

SR. NO	First Name	Middle Name	Last Name	Training Duration	Industry Details
1	SAKSHI	SABAJI	KARDILE	1 Month	SAMRUDH PHARMACEUTICAL PVT LTD
2	PRASHANT	SAHEBRAO	KAPASE	1 Month	PREMIUM SERUM PVT LTD
3	DIVYA	DATTA	MALUSKAR	1 Month	MCCOY PHARMA PVT LTD
4	PRATHAMESH	SURESH	ALHAT	1 Month	KIND HEALTH AND HYGIENE PVT LTD
5	SHRADDHA	LAXMAN	KHOKRALE	1 Month	MCCOY PHARMA PVT LTD
6	SHRADDHA	SHARAD	KHOKRALE	1 Month	MCCOY PHARMA PVT LTD
7	TEJASHREE	SURESH	DEOKAR	1 Month	HOLDEN MEDICAL LABORATORIES PVT LTD
8	ADITI	MADHUKAR	BODKE	1 Month	HOLDEN MEDICAL LABORATORIES PVT LTD
9	SHUBHAM	SURESH	LAMKHADE	1 Month	HOLDEN MEDICAL LABORATORIES PVT LTD
10	AKSHAY	YASHWANT	MENGAL	1 Month	PREMIUM SERUM PVT LTD
11	MRUNAL	SAMBHAJI	DESHMUKH	1 Month	KIND HEALTH AND HYGIENE PVT LTD
12	SURAJ	PANDIT	KOTKAR	1 Month	PREMIUM SERUM PVT LTD
13	PRATIKSHA	SUNIL	KALE	1 Month	AARTI INDUSTRIES LTD
14	PRAJAKTA	BALU	KURKUTE	1 Month	GALENTIC PHARMA PVT LTD
15	PRAPTI	ASHOK	KHEMNAR	1 Month	KIND HEALTH AND HYGIENE PVT LTD
16	HARSHADA	HANMANT	VHANANAVAR	1 Month	KIND HEALTH AND HYGIENE PVT LTD
17	ARTI	TUKARAM	HOLKAR	1 Month	KIND HEALTH AND HYGIENE PVT LTD
18	AISHWARYA	MUKUND	JADHAV	1 Month	KIND HEALTH AND HYGIENE PVT LTD
19	KOMAL	RAMESH	BHUJBAL	1 Month	AARTI INDUSTRIES LTD
20	SIDDHI	SUNIL	PATIL	1 Month	DORTMUND LABORATORIES PVT LTD
21	ARATI	JALINDAR	GADGE	1 Month	KIND HEALTH AND HYGIENE PVT LTD
22	SAKSHI	BALAJIRAO	MUKHADE	1 Month	KIND HEALTH AND HYGIENE PVT LTD

23	DEEPTI	SUDHIR	RAYAT	1 Month	KAMLA LIFE SCIENCE LTD
24	SHRADDHA	POPAT	TONPE	1 Month	GALENTIC PHARMA PVT LTD
25	PAYAL	SANTOSH	BATWAL	1 Month	GALENTIC PHARMA PVT LTD
26	ANUJA	GOVIND	SASANE	1 Month	KIND HEALTH AND HYGIENE PVT LTD
27	PRANALI	KRUSHNA	ABHANG	1 Month	PREMIUM SERUM PVT LTD
28	KIRTI	RAJENDRA	FULSUNDAR	1 Month	PREMIUM SERUM PVT LTD
29	VRUSHALI	NAVNATH	AHER	1 Month	CHAITANYA BIOLOGICAL PVT LTD
30	RUTUJA	DIPAK	GOPALE	1 Month	PREMIUM SERUM PVT LTD
31	VIKRAM	ARJUN	PAWAR	1 Month	PREMIUM SERUM PVT LTD
32	SHUBHAM	GORAKSHANATH	BANGAR	1 Month	PREMIUM SERUM PVT LTD
33	PRATIK	SANTOSH	SHELKE	1 Month	PREMIUM SERUM PVT LTD
34	DARSHAN	DIGAMBAR	ADAKI	1 Month	PREMIUM SERUM PVT LTD
35	DEVYANI	BHASKAR	BHOR	1 Month	KIND HEALTH AND HYGIENE PVT LTD
36	ANJALI	VILAS	DONGRE	1 Month	PHARMALINK LABORATORIES PVT LTD
37	MADHURI	SAMBHAJI	KURHADE	1 Month	KIND HEALTH AND HYGIENE PVT LTD
38	RANI	GANESH	NEHARKAR	1 Month	PREMIUM SERUM PVT LTD
39	POOJA	JAGANNATH	LOKHANDE	1 Month	PREMIUM SERUM PVT LTD
40	TRUPTI	KISAN	JADHAV	1 Month	KIND HEALTH AND HYGIENE PVT LTD
41	DEEPALI	SANDEEP	PATADE	1 Month	KIND HEALTH AND HYGIENE PVT LTD
42	AISHWARYA	CHANDRAKANT	KURHADE	1 Month	KIND HEALTH AND HYGIENE PVT LTD





VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
Principal

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P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

6. Industrial Training Certificates



samrudh

SAMRUDH PHARMACEUTICALS PRIVATE LIMITED

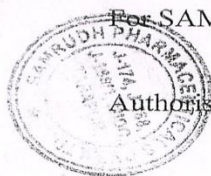
Regd. Off. : A/101, Prarthana Apartments, Plot No. 15, Jawahar Nagar, S. V. Road,
Goregaon (W), Mumbai - 400 062. • Tel. : 2873 8643, 6123 0300, 6123 0301 • Fax : 6123 0310

13 August 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sakshi Sabaji Kardile, student of Vishal Institute of Pharmaceuticals, Ale Tal. Junnar, Dist. Pune 412411 has undergone one month practical training in our various departments of Production, Quality Control, Quality Assurance and Stores from 18th July 2022 to 13th August 2022. During the period of this training, she was observant, sincere & regular.

For SAMRUDH PHARMACEUTICALS PVT. LTD.



Authorised Signatory

Factory : J-174, J-168, J-168/1, M.I.D.C. Tarapur, Boisar, Tal & Dist. Palghar, Maharashtra - 401 506 • Tel. : 02525 - 661018, 661019
E-mail : info@samrudhpharma.com • Website : www.samrudhpharma.com
CIN : U24239MH1991PTC061667



18/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Prashant Sahebrao Kapase, B.Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune. He has successfully completed his internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 19/07/2022 to 18/08/2022 during the internship period, he was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.

Authorized signatory



Regd. Office - 406, B wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn. Vile Parle (E), Mumbai 400 057, Maharashtra, India
Factory - S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch - 11/132/1/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone - 8821273400, 882122872 E-mail - premiumserums@gmail.com Web - www.premiumserums.com



McCoy

McCoy Pharma Pvt. Ltd.

S-12, MIDC, Tarapur, Boisar-401506 Tal & Dist Palghar, (MS)
Tel 8433936701/02/03 E-mail id E-mail mccoypharma2005@gmail.com
website-www.mccoypharma.com CIN U30007MH1994PTC079810

Date: 26nd AUGUST, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. DIVYA DATTA MALUSKAR**, Student of **T. Y. B.Pharm.** from "**VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH ALE Tal JUNNAR Dist -Pune Letter REF No. VJSM/VIPER/2021-22/TPCEL-IND. TRAINING -99** underwent practical training at our Tarapur plant **S-12/13, MIDC Tarapur Boisar** from **10.07.2022** to **10.08.2022** for the period of Weeks.

During the period of training, **Ms. DIVYA DATTA MALUSKAR** worked in the Quality Assurance Dept., Quality Control Laboratory, and also was trained and explained about the production processes in pharmaceuticals formulations such as Granulation, Tablet mfg., Capsule mfg., coating, primary and secondary packaging dept.

Ms. DIVYA DATTA MALUSKAR performance during training was very good and attendance was regular.

We wish all success in her future career.

For McCoy Pharma Pvt. Ltd


RAKHEE B. SHAH
HR Manager
DT: - 26/08/2022



McCoy

McCoy Pharma Pvt. Ltd.

S-12, MIDC, Tarapur, Boisar-401506 Tal & Dist : Palghar, (MS)
Tel. 8433936701/02/03 E-mail id : E-mail: mccoypharma2005@gmail.com.
website-www.mccoypharma.com CIN : U30007MH1994PTC079810

Date: 26nd AUGUST, 2022

TO WHOMSOEVER IT MAY CONCERN

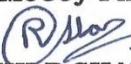
This is to certify that **Ms. SHRADDHA LAXMAN KHOKRALE**, Student of **T. Y. B.Pharm.** From "**VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH ALE** Tal JUNNAR Dist -Pune Letter REF No. **VJSM/VIPER/2021-22/TPCELL-IND. TRAINING -102** underwent practical training at our Tarapur plant **S-12/13**, MIDC Tarapur Boisar from **10.07.2022** to **10.08.2022** for the period of Weeks.

During the period of training, **Ms. SHRADDHA LAXMAN KHOKRALE** worked in the Quality Assurance Dept., Quality Control Laboratory, and also was trained and explained about the production processes in pharmaceuticals formulations such as Granulation, Tablet mfg., Capsule mfg., coating, primary and secondary packaging dept.

Ms. SHRADDHA LAXMAN KHOKRALE performance during training was very good and attendance was regular.

We wish all success in her future career.

For McCoy Pharma Pvt. Ltd


RAKHI B SHAH
HR Manager
DT: - 26/08/2022



McCoy

McCoy Pharma Pvt. Ltd.

S-12, MIDC, Tarapur, Boisar-401506 Tal & Dist. Palghar, (MS)
Tel. 8433936701/02/03 E-mail id : E-mail: mccoypharma2005@gmail.com
website-www.mccoypharma.com CIN U30007MH1994PTC079810

Date: 26nd AUGUST, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SHRADDHA SHARAD KHOKRALE**, Student of **T. Y. B.Pharm.** from "**VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH ALE Tal JUNNAR Dist -Pune** Letter REF No. **VJSM/VIPER/2021-22/TPCELL-IND. TRAINING -101** underwent practical training at our Tarapur plant **S-12/13, MIDC Tarapur Boisar** from **10.07.2022** to **10.08.2022** for the period of Weeks.

During the period of training, Ms. **SHRADDHA SHARAD KHOKRALE** worked in the Quality Assurance Dept., Quality Control Laboratory, and also was trained and explained about the production processes in pharmaceuticals formulations such as Granulation, Tablet mfg., Capsule mfg., coating, primary and secondary packaging dept.

Ms. **SHRADDHA SHARAD KHOKRALE** performance during training was very good and attendance was regular.

We wish all success in her future career.

For McCoy Pharma Pvt. Ltd


RAKHI B SHAH
HR Manager
DT: - 26/08/2022





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 08.08.2022

CERTIFICATE

This is to Certify that **Mr. Prathmesh Suresh Alhat** Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 08.07.2022 to 08.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





Your Choice For Better Health

Holden Medical Laboratories Pvt. Ltd.

Administrative Office :

Unit No. 601- A & B, Wi-Fi Park, 6th Floor, Wagle Estate, Thane-400 604
Tel. : 022 2582 8764 / 2582 8815 / 2582 8847 / 2582 8076
Fax : 022 2582 8034 • E-mail : office@holdenlabindia.com, hml@mtnl.net.in
CIN Number : - U24239MH1995PTC085628.

Date: - 29th Sep.2022

TO WHOM SO-EVER IT MAY CONCERN

This is to certify that "**Ms.Suchita Anand Shirole** student of **V.J.S.M.'s Vishal Institute of Pharmaceutical Education and Research , Ale, Junnar,Pune** has completed her 1 month Industrial training from 26th July.2022 to 25th August.2022.

We found her sincere in taking training with interest & enthusiasm.

We wish her good luck for her future studies & career.

For **Holden Medical Laboratories Pvt. Ltd.**

J.P. Kanawade
(Plant Manager)

Regd. Office & Factory :

C-35, 36, 37, MIDC, Malegaon, Sinnar, Nashik-422 113, INDIA
Tel. : 0091-2551 230590/92/95 • Fax : 2291-2551 230593 • E-mail : factory@holdenlabindia.com • Website : www.holdenlabindia.com

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Holden Medical Laboratories Pvt. Ltd.

Administrative Office :

Unit No. 601- A & B, Wi-Fi Park, 6th Floor, Wagle Estate, Thane-400 604
Tel. : 022 2582 8764 / 2582 8815 / 2582 8847 / 2582 8076
Fax : 022 2582 8034 • E-mail : office@holdenlabindia.com, hml@mtnl.net.in
CIN Number : - U24239MH1995PTC085628.

Date: - 29th Sep.2022

TO WHOM SO-EVER IT MAY CONCERN

This is to certify that "Ms.Tejashree Suresh Deokar student of V.J.S.M.'s Vishal Institute of Pharmaceutical Education and Research , Ale, Junnar,Pune has completed her 1 month Industrial training from 26th July.2022 to 25th August.2022.

We found her sincere in taking training with interest & enthusiasm.

We wish her good luck for her future studies & career.

For Holden Medical Laboratories Pvt. Ltd.

J.P. Kanawade
(Plant Manager)

Regd. Office & Factory :

C-35, 36, 37, MIDC, Malegaon, Sinnar, Nashik-422 113, INDIA
Tel. : 0091-2551 230590/92/95 • Fax. : 2291-2551 230593 • E-mail : factory@holdenlabindia.com • Website : www.holdenlabindia.com





Holden Medical Laboratories Pvt. Ltd.

Administrative Office:

Unit No. 601- A & B, W-Fl Park, 6th Floor, Waghe Estate, Thane-400 604

Tel : 022 2582 8764 / 2582 8815 / 2582 8047 / 2582 8076

Fax : 022 2582 8034 • E-mail : office@holdenlabindia.com, hml@intrnl.net.in

CIN Number : U24239MH1997P1C085628

Your Choice For Better Health

Date: - 29th Sep. 2022

TO WHOM SO-EVER IT MAY CONCERN

This is to certify that "Ms. Aditi Madhukar Bodke student of V.J.S.M.'s Vishal Institute of Pharmaceutical Education and Research , Ale, Junnar, Pune has completed her 1 month Industrial training from 26th July. 2022 to 25th August. 2022.

We found her sincere in taking training with interest & enthusiasm.

We wish her good luck for her future studies & career.

For Holden Medical Laboratories Pvt. Ltd.

J.P. Kanawade
(Plant Manager)





Your Choice For Better Health

Holden Medical Laboratories Pvt. Ltd.

Administrative Office :

Unit No. 601- A & B, Wi-Fi Park, 6th Floor, Wagle Estate, Thane-400 604
Tel. : 022 2582 8764 / 2582 8815 / 2582 8847 / 2582 8076
Fax : 022 2582 8034 • E-mail : office@holdenlabindia.com, hml@mtnl.net.in
CIN Number : - U24239MH1995PTC085628.

Date: -29th September.2022

TO WHOM SO-EVER IT MAY CONCERN

This is to certify that "Mr.Shubham Suresh Lamkhede Student of V.J.S.M.'s Vishal Institute of Pharmaceutical Education and Research , Ale, Junnar,Pune has completed his 1 month Industrial training from 26th July.2022 to 25th August.2022.

We found him sincere in taking training with interest & enthusiasm.

We wish him good luck for his future studies & career.

For Holden Medical Laboratories Pvt. Ltd.

J.P. Kanawade
(Plant Manager)

Regd. Office & Factory :

C-35, 36, 37, MIDC, Malegaon, Sinnar, Nashik-422 113, INDIA
Tel. : 0091-2551 230590/92/95 • Fax. : 2291-2551 230593 • E-mail : factory@holdenlabindia.com • Website : www.holdenlabindia.com



Date: 18/08/2022

TO WHOM SO EVER IT MAY CONCERN

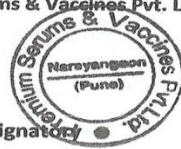
This is to certify that **Mr. Akshay Yashwant Mengal**, a Pharm student from **Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune**. He has successfully completed his internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 19/07/2022 to 18/08/2022 during the internship period, he was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.



Authorized signatory

Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2. 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, 09421229972 **E-mail** - premiumserums@gmail.com. **Web**:- www.premiumserums.com





Kind Health & Hygiene Pvt. Ltd.

81-25, 39, Junnar Taluka Co-op Industrial Estate, Kandale, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob. : +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that Ms. Mrunal Sambhaji Deshmukh Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University* Has undergone Industrial Training in our organization from 10.07.2022 to 10.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Kaushal

Mr. Kaushal S. Varhadi
DIRECTOR





Date: 18/08/2022

TO WHOM SO EVER IT MAY CONCERN

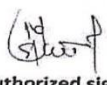
This is to certify that Mr. Suraj Pandit Kotkar, B.Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune. He has successfully completed his internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 19/07/2022 to 18/08/2022 during the internship period, he was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.


Authorized signatory



Regd. Office :- 406, B' wing, Highway Rose Co-op, HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2, 132/A/1, Engineers Enclave, Gangeram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, 09421229972 **E-mail :-** premiumserums@gmail.com. **Web:-** www.premiumserums.com





EXPERIENCE CERTIFICATE

This is to certify that, Ms. Pratiksha Sunil Kale (Roll No. 31 Vishal Institute of Pharmaceutical Education and research, Ale) has successfully completed her apprenticeship in our organization Aarti Industries Ltd. (ADL Department) from date 18th July to 06th August, 2022.

During her tenure we found her hard working and sincere. She has very good job knowledge. She fulfilled all the work responsibilities on time.

She is professionally sound and hard working whose dedication is taking contribution and initiative for the organization has proven helpful in the establishment repeatedly.

We wish her good luck in her future endeavour.

For AARTI INDUSTRIES LIMITED
(API Division)

Mr. Mahav Rane
(Manager - CSD ADL)

Unit-I, Plot No. 54,
MIDC Phase-II, Kalyan Shil road Dombivli (E)-421 204,
Maharashtra, INDIA

www.aarti-industries.com | CIN: L24110GJ1984PLC007301

Regd. Office : Plot No. 801, 801/23, Ilird Phase, GIDC Vapi-396195, Dist- Valsad, INDIA. T : 0260-2400366.

Factory : Plot No. D- 53, 54, 55, 56, 57, 59, 60, MIDC Phase II, Kalyan Shil Road, Dombivli (East),
Dist. Thane - 421204, INDIA. T: 0251 2870710 / 2871851.

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA
T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com




Galentic Pharma (India) Private Limited

R-673, Rabale, T.T.C., MIDC,
Thane Belapur Road,
Navi Mumbai - 400 701, India
Phone : +91 22 6154 9400 / 6154 9401
+91 22 2087 1396 / 2087 5921
Fax : +91 22 2087 5912
E-mail : info@galentic.com
CIN : U24230MH1992PTC065825

Date: 27th August, 2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss. Prajakta B. Kurkute, a student of Vishal Institute of Pharmaceutical Education and Research, Ale, Junnar, Pune, Maharashtra - 412 411 has undergone for a One Month's Industrial Training at our Rabale Plant, during 23th July, 2022 to 23th August, 2022.

During the period Miss. Prajakta B. Kurkute was given training in the Quality Operations, Production Processes and related activities in a Pharmaceutical Industry.

Her performance during the period was found to be good and attendance was regular.

We wish her all the success in her future endeavors.

For Galentic Pharma (India) Pvt. Ltd.

Authorized Signatory



Corporate Office : Plot No.24-25, 1st Floor, MIDC Street No. 9, Behind Tunga Paradise Hotel, Andheri (East),
Mumbai - 400 093, India • Phone : +91 22 6904 2400 / 6904 2401 / 2838 2233
Fax No. : +91 22 2838 2238 • E-mail : info@galentic.com
Regd. Office : 4th Floor, Samruddhi Venture Park, MIDC Central Road, Andheri (East), Mumbai - 400 093, India





Kind Health & Hygiene Pvt. Ltd.

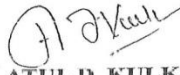
B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91 -9890939761 Email : contact@kindhealth.in

Date: 09.08.2022

CERTIFICATE

This is to Certify that Miss. PRAPTI ASHOK KHEMNAR, studying third Year B. Pharmacy in *VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH, ALE Affiliated to Savitribai Phule Pune University* has undergone **Industrial Training** in our organization from 08.07.2022 to 07.08.2022 (Both days inclusive).




Mr. ATUL D. KULKARNI
DIRECTOR
(Kind Health & Hygiene Pvt. Ltd)





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 09.08.2022

CERTIFICATE

This is to Certify that **Ms. Harshada Hanumant Vhananavar** Studying final Year B.Pharm.
In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule*
Pune University. Has undergone **Industrial Training** in our organization from 09.07.2022 to
09.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 09.08.2022

CERTIFICATE

This is to Certify that **Ms. Arti Tukaram Holkar** Studying final Year B.Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 09.07.2022 to 09.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





Kind Health & Hygiene Pvt. Ltd.

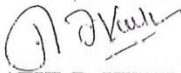
B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91 -9890939761 Email : contact@kindhealth.in

Date: 09.08.2022

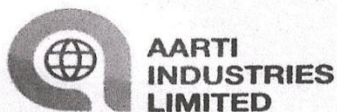
CERTIFICATE

This is to Certify that Miss. AISHWARYA MUKUND JADHAV, studying third Year B. Pharmacy in *VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH, ALE Affiliated to Savitribai Phule Pune University* has undergone **Industrial Training** in our organization from 08.07.2022 to 07.08.2022 (Both days inclusive).




Mr. ATUL D. KULKARNI.
DIRECTOR
(Kind Health & Hygiene Pvt. Ltd)





EXPERIENCE CERTIFICATE

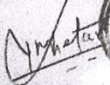
This is to certify that, Ms. Komal Ramesh Bhujbal (Roll No. 10, Vishal-Institute of Pharmaceutical Education and Research, Ale) has successfully completed her apprenticeship in our organization AARTI INDUSTRIES LIMITED (QC Dept.) from dated 18th July to 06th August 2022.

During her tenure, we found her hardworking and sincere. She has very good job knowledge. She fulfilled all the work responsibilities on time.

She is professionally sound and hardworking whose dedication is taking contribution and initiative for the organization has proven helpful in the establishment repeatedly.

We wish her good luck in her future endeavour.

For AARTI INDUSTRIES LIMITED
(API Division)


Dr. Jayanta G. Mhetar
(Sr. Manager - QC)



Unit-I, Plot no. D-56,
MIDC Phase-II, Kalyan Shil road Dombivli (E)-421 204,
Maharashtra, INDIA
E-mail: jay.mhetar@aarti-industries.com

www.aarti-industries.com | CIN: L24110GJ1984PLC007301

Regd. Office : Plot No. 801, 801/23, IIrd Phase, GIDC Vapi-396195, Dist- Valsad, INDIA. T : 0260-2400366.

Factory : Plot No. D- 53, 54, 55, 56, 57, 59, 60, MIDC Phase II, Kalyan Shil Road, Dombivli (East),

Dist. Thane - 421204, INDIA. T: 0251 2870710 / 2871851.

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Siddhi Sunil Patil has completed the Industrial Training in our Organization from 12th July, 2022 to 11th August, 2022. She was trained in the Departments like Production, Quality Control, Quality Assurance & Regulatory Affairs and Packing.

During this period her performance was found to be a satisfactory.

We wish her the very best in all her future endeavours.

For Dortmund Laboratories Pvt. Ltd


Authorised Signatory



Date : 12th August, 2022





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that **Ms. Aarti Jalindar Gadge** Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pure University*. Has undergone **Industrial Training** in our organization from 10.07.2022 to 10.08.2022 (Both days inclusive)

Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





Kind Health & Hygiene Pvt. Ltd.

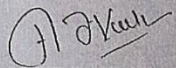
B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91 -9890939761 Email : contact@kindhealth.in

Date: 09.08.2022

CERTIFICATE

This is to Certify that Miss. SAKSHI BALAJIRAO MUKHADE, studying third Year B. Pharmacy
in *VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH, ALE Affiliated*
to Savitribai Phule Pune University has undergone **Industrial Training** in our organization from
08.07.2022 to 07.08.2022 (Both days inclusive).




Mr. ATUL D. KULKARNI
DIRECTOR
(Kind Health & Hygiene Pvt. Ltd)



Date: 09th August 2022

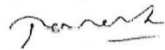
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Deepti Rayat a student of 3rd year B. Pharm from Vishal Institute of Pharmaceutical Education & Research has undergone Industrial training for the period of 10th July 2022 to 09th August 2022 at our plant.

During the tenure of her Internship training we found that she was disciplined, sincere and hard working.

We wish her success in all the future endeavors.

For Kamla Lifesciences Ltd.



Authorised Signatory

+91 96079 47794 | 95 info@kamlagroup.co.in www.kamlagroup.co.in

Plot No. G-84/1, Tarapur MIDC, Boisar - 401 506, Tal. & Dist. Palghar, Maharashtra, India.



Date: 10th August, 2022

TO WHOM SO EVER IT MAY CONCERN

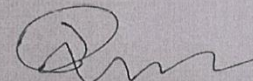
This is to certify that **Miss. Shraddha P. Tonpe**, a student of **Vishal Institute of Pharmaceutical Education and Research, Ale, Junnar, Pune, Maharashtra – 412 411** has undergone for a 30 days **Industrial Training** at our Rabale Plant, from 11th July, 2022 to 10th August, 2022.

During the period **Miss. Shraddha P. Tonpe** was given training in the Quality Operations, Production Processes and related activities in a Pharmaceutical Industry.

Her performance during the period was found to be good and attendance was regular.

We wish her all the success in her future endeavors.

For Galentic Pharma (India) Pvt. Ltd.


Authorized Signatory



Corporate Office : Plot No.24-25, 1st Floor, MIDC Street No. 9, Behind Tunga Paradise Hotel, Andheri (East),
Mumbai - 400 093, India • Phone : +91 22 6904 2400 / 6904 2401 / 2838 2233
Fax No.: +91 22 2838 2238 • E-mail : info@galentic.com
Regd. Office : 4th Floor, Samruddhi Venture Park, MIDC Central Road, Andheri (East), Mumbai - 400 093, India



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Date: 10th August, 2022

TO WHOM SO EVER IT MAY CONCERN

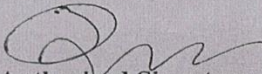
This is to certify that **Miss. Payal S. Batwal**, a student of **Vishal Institute of Pharmaceutical Education and Research, Ale, Junnar, Pune, Maharashtra – 412 411** has undergone for a 30 days **Industrial Training** at our Rabale Plant, from 11th July, 2022 to 10th August, 2022.

During the period **Miss. Payal S. Batwal** was given training in the Quality Operations, Production Processes and related activities in a Pharmaceutical Industry.

Her performance during the period was found to be good and attendance was regular.

We wish her all the success in her future endeavors.

For Galentic Pharma (India) Pvt. Ltd.


Authorized Signatory



Corporate Office : Plot No.24-25, 1st Floor, MIDC Street No. 9, Behind Tunga Paradise Hotel, Andheri (East),
Mumbai - 400 093, India • Phone : +91 22 6904 2400 / 6904 2401 / 2838 2233
Fax No.: +91 22 2838 2238 • E-mail : info@galentic.com

Regd. Office : 4th Floor, Samruddhi Venture Park, MIDC Central Road, Andheri (East), Mumbai - 400 093, India



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Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that **Mr. Saurabh Balasaheb Raut** Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 10.07.2022 to 10.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 09.08.2022

CERTIFICATE

This is to Certify that Ms. Anuja Govind Sasane Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 09.07.2022 to 09.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR



Date: 11/08/2022

TO WHOM SO EVER IT MAY CONCERN

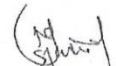
This is to certify that **Ms. Pranali Krushna Abhang**, B. Pharm student from **Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune**. She has successfully completed her internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 09/07/2022 to 08/08/2022. During the internship period, she was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.


Authorized signatory



Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2. 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, 09421229972 E-mail - premiumserums@gmail.com. Web:- www.premiumserums.com



Date: 11/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Kirti Rajendra Fulsunder**, B. Pharm student from **Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune**. She has successfully completed her internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 09/07/2022 to 08/08/2022 during the internship period, she was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

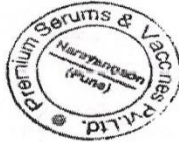
Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.



Authorized signatory



Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2. 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050



CHAITANYA BIOLOGICALS PVT. LTD.

AN ISO 9001 : 2015 CERTIFIED COMPANY

DATE: 10/08/2022
REF: CBPL/1028/IND TRAINING

TO
THE PRINCIPAL
VISAHL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
ALETAH, JUNNAR DIST PUNE

Subject: Completion of successful "INDUSTRIAL TRAINING"

Ref: Your letter Ref No: VJSM/VIPER/2021-22/TPCELL-IND. TRAINING -133
DATED 07/07/2022

Dear Sir

We Chaitanya Biologicals Pvt Ltd. WHO GMP/WC certified company engaged in manufacturing and exporting our various quality Active Pharmaceutical Products to more than 46 countries since last 20 years.

Your student Miss VRUSHALI NAVNATH AHER approached us for one-month active Industrial Training and we imparted her training at our factory which is situated at Malkapur Dist. Buldana from 10 Th July 9 th Aug 2022 as per per our laid down procedures and protocol.

We imparted training to her in below section :

1. At production plant where complete process of API done
- 2.
3. Quality control department where testing has been done
- 4.
5. Q.A : Where quality has been approved.

We found her very sincere and hardworking during her training period.

We wish her all the best for future endeavors

Regards

SUDHIR TAPI
GENERAL MANAGER

PH 89992 59082



75/2 Malkapur By-Pass, N.H. No. 6, Malkapur - 443101 Dist. Buldana (M.S.)

Tel - 223230 224088 225570 224105 225495 225435 Fax - (07267) 223570-223433

E-mail - chaitanya@rediffmail.com Web site - www.chaitanyabiologics.com



Date: 11/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Rutuja Dipak Gopale , B. Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale , Pune. She has successfully completed her internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 09/07/2022 to 08/08/2022. During the internship period, she was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.



Authorized signatory



Regd. Office :- 400, B' wing, Highway Rose Co-op. HSG. Society 92, Dxtt Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2, 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754903, 09421229972 E-mail - premiumserums@gmail.com Web - www.premiumserums.com



Date: 18/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Vikram Arjun Pawar, B.Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune. He has successfully completed him internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 19/07/2022 to 18/08/2022 during the internship period, he was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.



Authorized signatory



Date: 18/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Shubham Gorakshanath Bangar, B.Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune, He has successfully completed him internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 19/07/2022 to 18/08/2022 during the internship period, he was found punctual, hardworking and inquisitive.

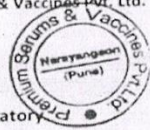
Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.

Authorized signatory



Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2, 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050



Date: 18/08/2022

TO WHOM SO EVER IT MAY CONCERN

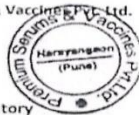
This is to certify that Mr. Pratik Santosh Shelke , B.Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune. He has successfully completed him internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 19/07/2022 to 18/08/2022 during the internship period, he was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.



Authorized signatory

Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 657, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2, 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, 09421229972 E-mail - premiumserums@gmail.com, Web - www.premiumserums.com



Date: 18/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Darshan Digambar Adaki, B.Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune. He has successfully completed him internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 19/07/2022 to 18/08/2022 during the internship period, he was found punctual, hardworking and inquisitive.

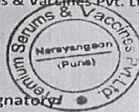
Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.


Authorized signatory



Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India.
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India.
Branch :- 2, 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, 09421229972 E-mail - premiumserums@gmail.com. Web - www.premiumserums.com





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that **Ms. Devyani Bhaskar Bhor** Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 10.07.2022 to 10.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Kaushal S. Varhadi

Mr. Kaushal S. Varhadi
DIRECTOR





PHARMALINK LABORATORIES

(ISO CERTIFIED COMPANY)

Fact. & Off.: 15, 16, 17A, Mitul Ind. Estate, Sativali Road, Village Valiy, Vasal Road (East), Dist. Palghar - 401 208 (India) Telephone No. : 8624843491
E-mail: info@pharmalink.in Website : www.pharmalinklaboratories.com



Date: 10th Aug 2022

To Whomsoever It May Concern

This is to certify that **Ms.Anjali V.Dongre** , a **B Pharm** student of Vishal Institute of Pharmaceutical Education and Research Ale , Tal.Junnar, Dist.Pune-412411 has undergone in Plant Training from **10th June 2022 to 10th Aug 2022.**

She has done training in Production, Quality Control, Stores & Packing departments.

During this period she has worked efficiently, accurately and has gained sufficient knowledge and bears good moral conduct.

We wish all the best wishes to her in future endeavors.

Thanking You.

For **PHARMALINK LABORATORIES**

Authorized Signatory



Scanned with CamScanner





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that **Ms. Madhuri Sambhaji Kurhade** Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 10.07.2022 to 10.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR



Date: 11/08/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Rani Ganesh Neharkar, B. Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune.** She has successfully completed her internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 09/07/2022 to 08/08/2022. During the internship period, she was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.



Authorized signatory



Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
Farm / Factory :- S. No. 354-1, 354-2 A/1, At & post - Narayangaon, Near 'Champagne India', Tal. Junnar, Dist-Pune 410 504, Maharashtra, India
Branch :- 2. 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, 09421229972 E-mail - premiumserums@gmail.com. Web:- www.premiumserums.com



TO WHOM SO EVER IT MAY CONCERN

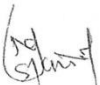
This is to certify that **Ms. Pooja Jagannath Lokhande , B. Pharm student from Vishal Institute Of Pharmaceutical Education And Research Collage Of Pharmacy, Ale, Pune.** She has successfully completed her internship of Premium Serums and Vaccines pvt ltd, Narayangaon, from 09/07/2022 to 08/08/2022. During the internship period, she was found punctual, hardworking and inquisitive.

Wish you all the best for your future endeavors.

Thanking You,

Yours sincerely,

Premium Serums & Vaccines Pvt. Ltd.


Authorized signatory



Regd. Office :- 406, B' wing, Highway Rose Co-op. HSG. Society 92, Dixit Road Extn, Vile Parle (E), Mumbai 400 057, Maharashtra, India
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Branch :- 2. 132/4/1, Engineers Enclave, Gangaram, Chanda Nagar, Hyderabad, (Telangana) 500 050
Phone :- 08275754803, 09421229972 **E-mail** - premiumserums@gmail.com. **Web**:- www.premiumserums.com





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B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that **Ms. Trupti Kisan Jadhav** Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 10.07.2022 to 10.08.2022 (Both days inclusive)

Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that **Ms. Deepali Sandeep Patade** Studying B. Pharm. In *Vishal Institute of Pharmaceutical Education & Research*. Affiliated to *Savitribhai Phule Pune University*. Has undergone **Industrial Training** in our organization from 10.07.2022 to 10.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





Kind Health & Hygiene Pvt. Ltd.

B1-35, 39, Junnar Taluka Co-op. Industrial Estate, Kandali, Tal. Junnar, Dist. Pune- 412 412, Maharashtra
CIN No. : U24301PN2013PTC149527 Mob.: +91-9890939761 Email : contact@kindhealth.in

Date: - 10.08.2022

CERTIFICATE

This is to Certify that Ms. Aishwarya Chandrakant Kurhade Studying B. Pharm. In *Vishal*
Institute of Pharmaceutical Education & Research. Affiliated to Savitribhai Phule Pune
University. Has undergone Industrial Training in our organization from 10.07.2022 to
10.08.2022 (Both days inclusive)



Kind Health & Hygiene Pvt. Ltd.

Mr. Kaushal S. Varhadi
DIRECTOR





VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

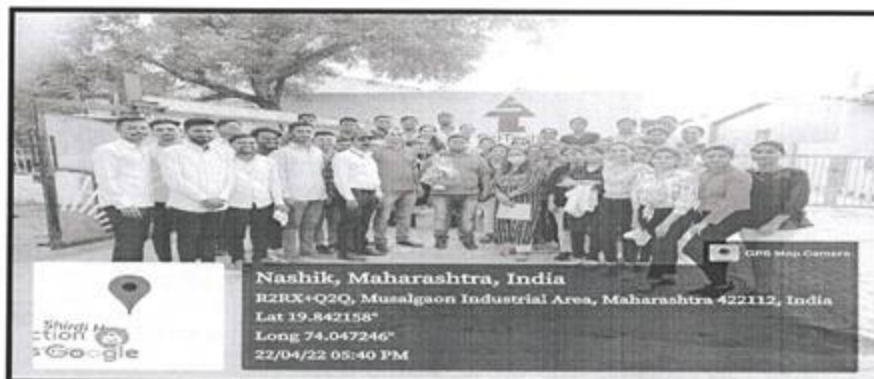
Dr. S. L. Jadhav
Principal

Ale, Tal. Junnar, Dist. Pune-412411 | Contact No. : 9892376014 | E-mail : vjsm.principal@gmail.com | Website: www.viperale.com

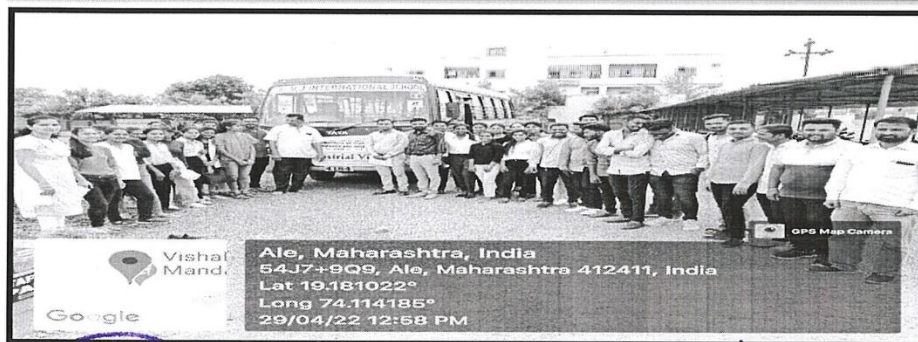
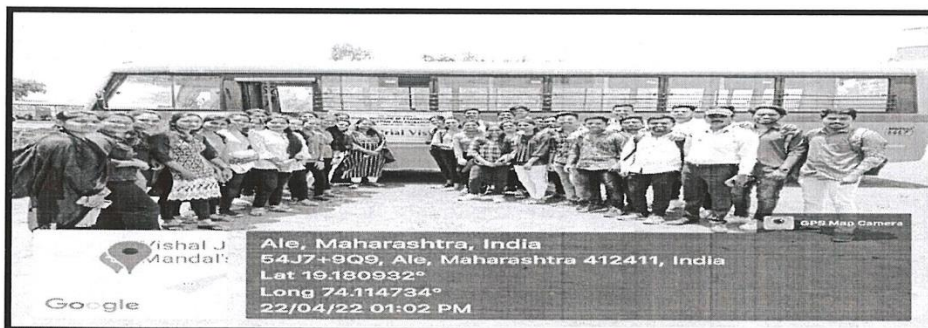
P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

Industrial Visit Report

Industrial visit- Sci Tech Specialties Pvt. Ltd, Musalgaon, Sinnar, Nashik.	
Date	22/04/2022 & 29/04/2022
Year	2021-22
Name Of Industry	SciTech Specialties' Pvt. Ltd, Musalgaon, Sinnar, Nashik.
Number Of Students Participated	76



Industrial visit was carried out for Final year B.Pharm & M.pharm students at **SciTech Specialities Pvt. Ltd., Sinnar Nashik**. Total 76 students along with four faculty members Dr. Ashwini Bansode, Dr. Shankar Dhobale, Mr. Sachin Kadam and Ms Sonali Pawar in two batches were visited to plant number two on 22nd and 29th April 2022. Training Manager and the officials of the industry of the particular unit explained our students about the various Compounding, Dispensing, and packaging department. The students had good interaction with them. They also briefed the students about the process flow and Quality assurance Dept. It was very informative and learning experience for students and faculty members. After reached at *industry*, all students were divided in to two groups along with staff members and each group was headed by one representative of company who helped them to understand how operations are carried out in company. **Mr. Satish Nandgude sir, Mr Chaitanya Borawake sir and Ganesh Sir** employ of the industry has guided us during visit.



[Signature]

PRINCIPAL

VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
ALE TAL-JUNNAR DIST-PUNE 412411

Industrial Visit at SuTech Specialties Pvt Ltd Sinnar
Nashik. Date - 22/04/2022, class:- final yr. B.Pharm
& M. Pharm.



Industrial visit @ SciTech Specialities Pvt Ltd Sinnar
Nashik. Date - 29/04/2022 class :- final year
B.pharm



4/21/22, 10:30 AM

Gmail - Request for arranging Industrial Visit for final year B.pharm students



VJSM VIPER <viper.tpcell@gmail.com>

Request for arranging Industrial Visit for final year B.pharm students

3 messages

VJSM VIPER <viper.tpcell@gmail.com>
To: stsp.admin@stsp.in
Cc: satishnangude4017@gmail.com
Bcc: vjasm.principal@gmail.com

14 March 2022 at 15:03

Dear sir,

Greetings from V.I.P.E.R Group (Vishal Institute of Pharmaceutical Education & Research, Ale, Junnar, Dist: Pune) Maharashtra

This is to request you to kindly arrange a one day plant visit to our B. pharm final year students (Male & Female) from Vishal Institute of Pharmaceutical Education & Research ale, Tal. Junnar Dist. Pune, on any suitable day.

Total 65 Number of students & our two assistant professors shall accompany the students for the plant visit.

Thanking you in anticipation.

DR. S. L. JADHAV
PRINCIPAL
VISHAL JUNNAR SEVA MANDALS
VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH,
ALE, TAL. JUNNAR DIST PUNE 412411.

MISS. A. S. BANSODE
TRAINING AND PLACEMENT CELL INCHARGE

SciTech Specialities Pvt.Ltd.(STSP) <stsp@stsp.in>

21 March 2022 at 12:28

Reply-To: stsp@stsp.in
To: VJSM VIPER <viper.tpcell@gmail.com>
Cc: satishnangude4017@gmail.com, stsp.admin@stsp.in, gadrepravin@gmail.com, SUNITA -STLB <sunita.vyas0@gmail.com>, mukulagashe1@gmail.com, ameyamulay@yahoo.com

Dear Ms. A.S. Bansode,

Kindly refer to your mail of 14 March appended below.

We would like to confirm 22 April 2022 & 29 April 2022 (Batchwise) as dates for the visit at our Plant 2.

The visit is scheduled from 3.30 pm to 5.30 pm.

Students to get the following:-

- (a) Apron.
- (b) Cap.

<https://mail.google.com/mail/u/1/?ik=84dedb6555&view=pt&search=all&permthid=thread-a%3Ar-3551927966297435103&simpl=msg-a%3Ar1939...> 1/2





SciTech Specialities Pvt. Ltd.

Office: 501 DLH Park, S.V. Road, Goregaon (West), Mumbai 400 062. India • Tel: 22 417 50000
E-mail: scitech@scitech.net.in • CIN: U85190MH2007PTC175484
Factory: A-3/12/13, STICE Musalgaon, Tal: Sinnar, Dist: Nashik 422112.
Tel: +91 (2551) 240045 / 46 / 49 / 240244 Fax: +91 (2551) 240201 • E-mail: stsp@stsp.in

29/04/2022

To,
The principal,
Vishal Institute of Pharmaceutical Education & Research, Ale, Tal - Junnar,
Dist- Pune, 412411.

Subject: - Industrial Visit of B. Pharmacy (Final Year) Students & Staff.

Dear Sir,

1. We thank you for giving us an opportunity to conduct the students & staff for industrial visit on 29th April 2022.
2. Manager HR/Admin, Officer Production & Executive QA of our unit imparted training during the visit, and various queries and questions of the students have been answered.
3. We are glad to place on record the visit of Prof. Dr. Ashwini S. Bansode (Assistant Prof.) & Mr. Sachin Kadam (Assistant Prof.) with 37 students of B. Pharmacy (Final Year) on 29th April 2022, during which they actively interacted with our Manager HR/Admin, Office Production & Executive QA.
4. We are sure the above visit must have benefited your students in the ways of how industry works practically as against the theory which your students learned in their classrooms.
5. We thank you once again for the visit.

Yours Sincerely,

Mr. Chaitanya Borawake
Manager HR & Admin
SciTech Specialities Pvt. Ltd.



ADMN/GEN/DI/28	DEPARTMENT: TRAINING AND PLACEMENT	A.Y. : 2021-22
RIV :00	Industrial Visit Student List	

Industrial Visit Student List

Date: 22/04/2022

Company name: SciTech specialities Pvt Ltd, sinnar, Nashik

Roll No	Name	Signature	Signature
1.	Sanket Dilip	Aher	
2.	Suvarna Piraji	Aher	
3.	Pranjal Nivrutti	Aher	
4.	Divya Kailas	Argade	
5.	Ankita Kiran	Bhadrige	
6.	Shubham Balu	Bhandari	
7.	Rupali Sharad	Bhelake	
8.	Mayuri Vilas	Bombe	
9.	Sonal Navnath	Chaudhari	
10.	Soham Ashok	Chavan	
11.	Yukta Dnyaneshwar	Chavan	
12.	Mohan Dnyanadev	Dabhade	
13.	Sonam Rajaram	Dawkhar	
14.	Pratiksha Sunil	Deshmukh	
15.	Rajashree Vilas	Deshmukh	
16.	Sanket Sandip	Dhobale	
17.	Saurabh Bapusaheb	Dokhe	
18.	Omkar Dattatray	Gaikwad	
19.	Swapnil Ramdas	Galande	
20.	Aparna Santosh	Galande	
21.	Sanika Yashavant	Gavit	
22.	Vaishnavi Ramkrushna	Ghone	
23.	Pratiksha Deepak	Hindurao	
24.	Ravi Manoj	Jadhav	
25.	Raju Balasaheb	Jadhav	
26.	Dipak Dnyanoba	Kadam	
27.	Shivam Ramdas	Kadam	





VISHAL JUNNAR SEVA MANDALS
VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
 AT- ALE, TAL- JUNNAR, DIST - PUNE MAHARASHTRA - 412411

ADMN/GEN/DI/28	DEPARTMENT: TRAINING AND PLACEMENT	A.Y. : 2021-22
RIV :00	Industrial Visit Student List	

Industrial Visit Student List

Date: 29/04/2022

Company name: SciTech specialities Pvt Ltd, sinnar, Nashik

Roll No	Name	Signature	Signature
28	Bhakti Chaitanya	Kahane	
29	Asmita Bhausaheb	Kakade	
30	Rushikesh Balasaheb	Kakade	
31	Saurabh Sunil	Kanawade	
32	Jayesh Nalash	Khadsare	
33	Omkar Dilip	Khollam	
34	Pratiksha Subhash	Korade	
35	Tejas Vilas	Korade	
36	Akanksha Sunil	Lad	
37	Ashwini Arjun	Magar	
38	Ankita Laxman	Mahale	
39	Mansi Madhukar	Mali	
40	Shweta Rajesh	Mandlik	
41	Sucheta Dhondibhau	Mankar	
42	Shailesh Anil	Nighot	
43	Shruti Parshuram	Nilakh	
44	Sayli Ajit	Pansare	
45	Ashwini Mohan	Patade	
46	Gitanjali Dattatray	Patil	
47	Shraddha Shrimant	Pawar	
48	Gokul Ashok	Pawar	
49	Priyanka Dhondiram	Pukale	
50	Hritik Vitthal	Rokade	
51	Akash Maruti	Sable	
52	Kiran Devidas	Sabale	
53	Rushikesh Pandurang	Said	
54	Rohini Jagan	Sangale	





VISHAL JUNNAR SEVA MANDALS
**VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH**
AT- ALE, TAL - JUNNAR, DIST - PUNE MAHARASHTRA - 412411

ADMN/GEN/DI/28	DEPARTMENT: TRAINING AND PLACEMENT	A.Y. : 2021-22
RIV :00	Industrial Visit Student List	

55	Sameer Latib	Sayyad	<i>Sameer Latib</i>
56	Shraddha Dinesh	Shinde	<i>Shinde</i>
	Shweta		
57	Chandrashekhar	Shinde	<i>Shinde</i>
58	Tanuja Bhagwan	Tattu	<i>Tattu</i>
59	Rutuja Sandip	Thorat	<i>Rutuja</i>
60	Ankita Santosh	Thube	<i>Ankita</i>
61	Nikita Madhukar	Varhadi	<i>Nikita</i>
62	Vikas Uddhav	Vetal	<i>Vikas</i>
63	Divya Ramdas	Waykar	<i>Divya</i>
64	Ashwin Dayanand	Yerande	<i>Ashwin</i>
65	Shubham Dattatray	Zinjad	<i>Shubham</i>





VISHAL JUNNAR SEVA MANDALS
**VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH**
AT- ALE, TAL - JUNNAR, DIST - PUNE MAHARASHTRA - 412411

ADMN/GEN/DI/28	DEPARTMENT: TRAINING AND PLACEMENT	A.Y. : 2021-22
RIV :00	Industrial Visit Student List	

Industrial Visit Student List

Date: 22/04/2022

Company name: SciTech specialities Pvt Ltd, sinnar, Nashik

Roll No	Name	Class	Signature
1.	SABIYA SADIK ATTAR	M.pharm (QAT)	
2.	KADAMBARI VILASBHUIBAL	M.pharm (QAT)	
3.	SHUBHAM SHIVHARI CHANGAN	M.pharm (QAT)	
4.	SAKSHI SUNIL KHAIRE	M.pharm (QAT)	
5.	RESHMA ARUN LONDHE	M.pharm (QAT)	
6.	MADHURI VIJAY SUPEKAR	M.pharm (QAT)	
7.	KOMAL SANTOH THUBE	M.pharm (QAT)	

Roll No	Name	Class	Signature
1.	KUNAL RAJENDRA BAHIRAT	M.pharm (Pharmaceutics)	
2.	NIKHIL BHAGWAT JADHAV	M.pharm (Pharmaceutics)	
3.	SNEHA PAPPU KHILLARE	M.pharm (Pharmaceutics)	
4.	PRIYANK BALASAHEB RANDHAVAN	M.pharm (Pharmaceutics)	
5.	TANAYA PRAKASHI WAKCHIAURE	M.pharm (Pharmaceutics)	





VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH

Dr. S. L. Jadhav
I/C Principal

Ale, Tal - Junnar, Dist - Pune, 412411. Contact No. 9730003179 E-mail : vjrm.principal@gmail.com Website : www.vjrmale.com
A.I.C.T.E. Inst. I.D. : 1-4428021 D.T.E. Inst. Code. : PH-6361,MP-6361 University ID No. : CPHIP012670 P.C.I. Inst. Code : 32/610, 60/610

Ref No. : VJSM / VIPER / 2021-22/770000-57

Date : 22/04/2022

To,
HR Manager
SciTech Specialities Pvt Ltd.
Sinnar, Nashik.

Thank You Letter

Dear Sir,

With Reference to Communication Email dated 21st March 2022 Our College Students of Final Year B.Pharm & M.Pharm Visited your Plant on 22/04/2022.

We Appreciate Your Kind Gesture, permitting us to visit your Plant. We would also like to thank you for creating positive environment for nourishing our Students to understanding working of pharma industry.

Again, thank you for making our plant visit memorable and encouraging experience for all of us.

Thanking You.

Regards,


PRINCIPAL

VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
ALE TAL-JUNNAR DIST-PUNE 412411



Received
Pravah
22/04/2022



VISHAL JUNNIAR SEVA MANDALS
**VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH**

Dr. S. L. Jadhav
VC Principal

Ale, Tal - Junnar, Dist - Pune, 412411. | Contact No. 9730003179 | E-mail : vjsm.principal@gmail.com | Website : www.vjsmale.com
A.I.C.T.E. Inst. ID. : 1-4428021 | D.T.E. Inst. Code. : PH 6361, MP 6361 | University ID No. : CPHF012670 | P.C.I. Inst. Code : 32/610, 60/610

Ref No. : VJSM / VIPER / 2021-24 TPCELL - 60

Date : 29/04/2022

To,
HR Manager
Scitech Specialities Pvt Ltd.
Sinnar, Nashik.

Thaak You Letter

Dear Sir,

With Reference to Communication Email dated 21st March 2022 Our College Students of Final Year B.pharm Visited your Plant on 29/04/2022.

We Appreciate Your Kind Gesture, permitting us to visit your Plant. We would also like to thank you for creating positive environment for nourishing our Students to understanding working of pharma industry.

Again, thank you for making our plant visit memorable and encouraging experience for all of us.

Thanking You.

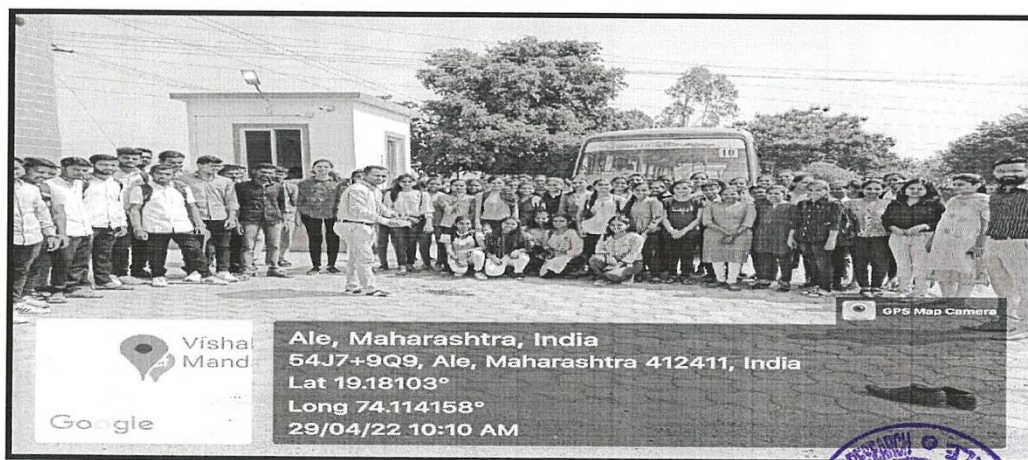
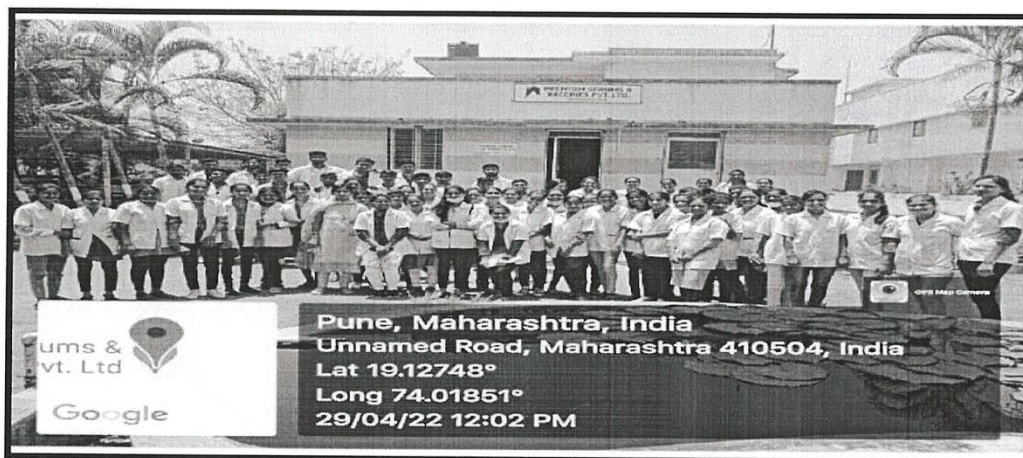
Regards,

PRINCIPAL
VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
ALE TAL JUNNAR DIST-PUNE 412411

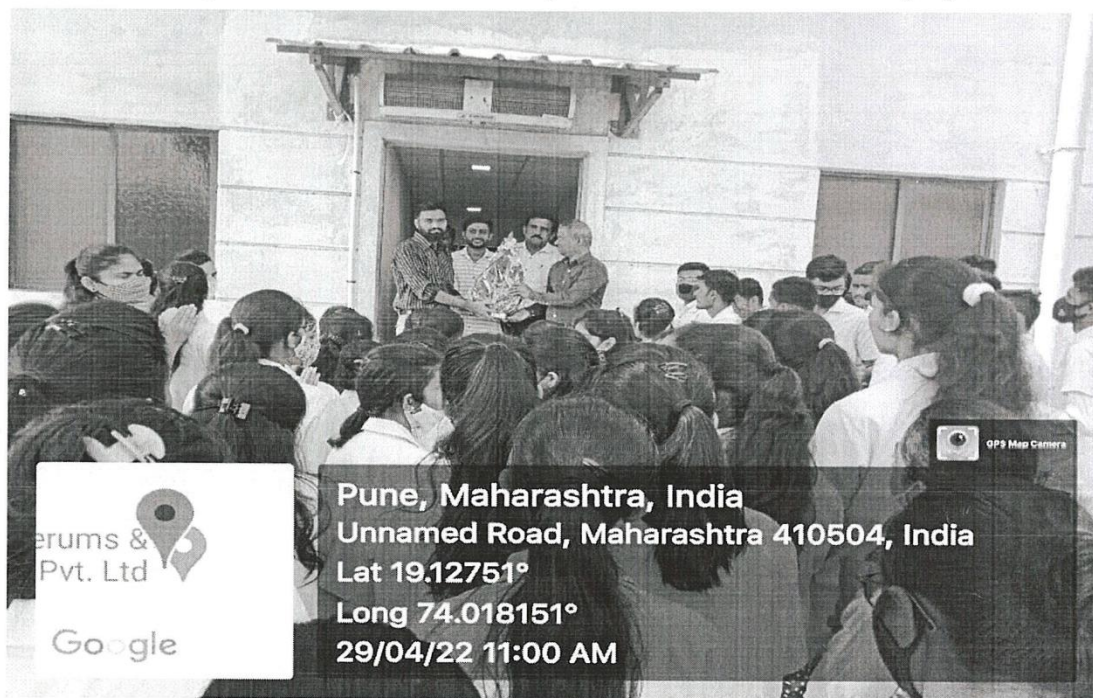


Received
Gail
29/04/2022

Industrial visit- Premium Serum & Vaccines Pvt. Ltd,Kandali,Kandali, Narayangaon.	
Date	29/04/2022
Year	2021-22
Name Of Industry	Premium Serum & Vaccines Pvt. Ltd,Kandali,Kandali, Narayangaon.
Number Of Students Participated	68



Industrial visit was carried out for Third year B.Pharm students at **Premium Serum & Vaccines Pvt. Ltd, Kandali, Kandali, Narayangaon**. Total 68 students along with two faculty members Dr. shilpa Kolhe and Mr. Magesh Hole were visited to plant 29th April 2022. Training Manager and the officials of the industry of the particular unit explained our students about the manufacturing of vaccines from serum. They also explain that how antibodies are prepared and collected and utilized for poison treatment. The students had good interaction with them. They also briefed the students about the process flow and Quality assurance Dept. It was very informative and learning experience for students and faculty members. After reached at *industry*, all students were divided in to two groups along with staff members and each group was headed by one representative of company who helped them to understand how operations are carried out in company.




PRINCIPAL
 VISHAL INSTITUTE OF PHARMACEUTICAL
 EDUCATION AND RESEARCH
 ALE TAL-JUNNAR DIST-PUNE 412411

Industrial Visit @ Premium Serum & Vaccines
Pvt Ltd, Narayangaon.
Date: - 29/04/2022.
class. T.Y. B.pharm.







VISHAL JUNNAR SEVA MANDAL'S
**VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH**

Dr. S. L. Jadhav
I/C Principal

Ale, Tal - Junnar, Dist - Pune, 412411. | Contact No. 9730003179 | E-mail : vjasm.principal@gmail.com | Website : www.vjasmale.com
A.I.C.T.E. Inst. I.D. : 1-4428021 | D.T.E. Inst. Code. : PH-6361, MP-6361 | University ID No. : CPHP012670 | P.C.I. Inst. Code : 32/610, 60/610

Ref No. : VJSM / VIPER / 2022-23 / TPCEU - 61

Date : 28 / 04 / 2022

To,
HR Manager
Premium Serum & vaccines Pvt. Ltd,
Kandali, Narayangaon.

Sub: Request for arranging one day Plant Visit for our Third year B.Pharm student on 29th April 2022.

Dear Sir,

This is to request you to kindly permit one day Plant visit for our ~~Third~~ year B.Pharm students (Male & Female) from Vishal Institute of pharmaceutical Education & Research ale, Tal. Junnar Dist. Pune, On 22/04/2022.

Total 75 Number of students & our two assistant professors shall accompany the students for the plant visit.

Thanking you in anticipation,

Yours sincerely

PRINCIPAL
VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
ALE TAL-JUNNAR DIST-PUNE 412411



Recd
29/04/2022

To,
The Principal,
VJSM, Vishal Institute of Pharmaceutical Education & Research,
Ale, Tal. Junnar, Dist. Pune

Dear Sir,

We thank you for giving us an opportunity to conduct the industrial visit for Third year B.pharm students & staff on 29/04/2022.

QC Head & QA Head of our plant imparted training during the visit, and various queries, questions of the students have been answered. We are glad to place on record the visit of the two assistant professor & 68 students of final year B.Pharm on 29/04/2022, during which they actively interacted with QC Head & QA Head.

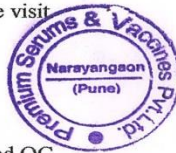
We are sure the above visit must have benefited your students in the ways of how industry works practically as against the theory which your students learned in their classrooms.

We thank you once again for the visit

Best Regards,



Dr. Nitin Salvi
Deputy General Manager & Head QC
Premium Serums & Vaccines Pvt. Ltd.





VISHAL JUNNAR SEVA MANDALS
VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
AT- ALE, TAL - JUNNAR, DIST - PUNE MAHARASHTRA - 412411

ADMN/GEN/DI/28	DEPARTMENT: TRAINING AND PLACEMENT	A.Y. : 2021-22
RIV :00	Industrial Visit Student List	

Industrial Visit Student List

Date: 29/04/2022

Company name: Premium Serum & Vaccines Pvt Ltd, kandali Narayangaon.

Roll No	Name	Signature
1.	PRANALI KRUSHNA ABHANG	<i>Bhargava</i>
2.	DARSHAN DIGAMBAR ADAKI	<i>Adi</i>
3.	SANKET SUBHASH AHER	<i>Sanket</i>
4.	VRUSHALI NAVNATH AHER	<i>Vrushali</i>
5.	PRATHAMESH SURESH ALHAT	<i>Prathamesh</i>
6.	SHUBHAM GORAKSHANATH BANGAR	<i>Shubham</i>
7.	PAYAL SANTOSH BATWAL	<i>Payal</i>
8.	PUNAM DHONDIBHAU BHANDARI	<i>Punam</i>
9.	DEVYANI BHASKAR BHOR	<i>Devi</i>
10.	KOMAL RAMESH BHUJBAL	<i>Komal</i>
11.	ADITI MADHUKAR BODKE	<i>Aditi</i>
12.	RUTUJA PRADIP DEOKAR	<i>Rutuja</i>
13.	TEJASHREE SURESH DEOKAR	<i>Tejashree</i>
14.	MRUNAL SAMBHAJI DESHMUKH	<i>Mrunal</i>
15.	AKASH MANGESH DHANGARMALI	<i>Akash</i>
16.	ANKUSH PARMESHWAR DHAWALE	<i>Ankush</i>
17.	ANJALI VILAS DONGRE	<i>Anjali</i>
18.	SHUBHANGI VITTHAL DUMBRE	<i>Shubhangi</i>
19.	KIRTI RAJENDRA FULSUNDAR	<i>Kirti</i>
20.	ARATI JALINDAR GADGE	<i>Arati</i>
21.	SAGAR SANTOSH GAIKWAD	<i>Sagar</i>
22.	RUTUJA DIPAK GOPALE	<i>Rutuja</i>
23.	PRATIBHA BABAN GUNJAL	<i>Pratibha</i>
24.	PRANITA PANDURANG HADAWALE	<i>Pranita</i>
25.	ANKITA MAHESH HANDE	<i>Ankita</i>
26.	APURVA RAJENDRA HANDE	<i>Apurva</i>
27.	ARTI TUKARAM HOLKAR	<i>Arti</i>

06-Ab.





VISHAL JUNNAR SEVA MANDALS
VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
 AT- ALE, TAL - JUNNAR, DIST - PUNE MAHARASHTRA - 412411

ADMN/GEN/DI/28	DEPARTMENT: TRAINING AND PLACEMENT	A.Y. : 2021-22
RIV :00	Industrial Visit Student List	

Industrial Visit Student List

Date: 29/04/2022

Company name: Premium Serum & Vaccines Pvt Ltd, kandali Narayangaon

Roll No	Name	Signature	Signature
28	SHUBHAM ANIL	JADHAV	
29	TRUPTI KISAN	JADHAV	
30	AISHWARYA MUKUND	JADHAV	
31	PRATIKSHA SUNIL	KALE	
32	PRASHANT SAHEBRAO	KAPASE	
33	SAKSHI SABAJI	KARDILE	
34	PRAPTI ASHOK	KHEMNAR	
35	SAKSHI SANTOSH	KHILARI	
36	SHRADDHA LAXMAN	KHOKRALE	
37	SHRADDHA SHARAD	KHOKRALE	
38	PRANITA RAMBHAU	KHOSE	
39	DHANESH MAHADEV	KOKATE	
40	SURAJ PANDIT	KOTKAR	
41	AISHWARYA CHANDRAKANT	KURHADE	
42	MADHURI SAMBHAJI	KURHADE	
43	Prajakta Balu	Kurkute	
44	SHUBHAM SURESH	LAMKHADE	
45	RUTIKA DASHRATH	LANDE	
46	SHIVANI SHIVAJI	LOHATE	
47	POOJA JAGANNATH	LOKHANDE	
48	DIVYA DATTA	MALUSKAR	
49	AKSHAY YASHWANT	MENGAL	
50	SAKSHI BALAJIRAO	MUKHADE	
51	GAURAV VINOD	MUNDHE	





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**VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH**
AT- ALE, TAL - JUNNAR, DIST - PUNE MAHARASHTRA - 412411

ADMN/GEN/DI/28	DEPARTMENT: TRAINING AND PLACEMENT	A.Y. : 2021-22
RIV :00	Industrial Visit Student List	

52	VAIBHAV BABASAHEB	NAGARGOJE	<i>[Signature]</i>
53	JAYASHRI RAJARAM	NARAWADE	<i>[Signature]</i>
54	RANI GANESH	NEHARKAR	<i>[Signature]</i> Neharkar...
55	DEEPALI SANDEEP	PATADE	<i>[Signature]</i>
56	SIDDHI SUNIL	PATIL	<i>[Signature]</i>
57	VIKRAM ARJUN	PAWAR	<i>[Signature]</i>
58	VAISHNAVI AVINASH	PHALKE	<i>[Signature]</i>
59	VAISHNAVI VITTHAL	POKHARKAR	<i>[Signature]</i>
60	SAURABH BALASAHEB	RAUT	<i>[Signature]</i>
61	DEEPTI SUDHIR	RAYAT	<i>[Signature]</i>
62	SONAL GANGADHAR	SAHANE	<i>[Signature]</i>
63	PRANJAL SHIVAJI	SARODE	<i>[Signature]</i>
64	ANUJA GOVIND	SASANE	<i>[Signature]</i>
65	PRATIK SANTOSH	SHELKE	<i>[Signature]</i>
66	GANESH VIJAY	SHEVKAR	<i>[Signature]</i>
67	SHRADDHA GABAJI	SHINDE	<i>[Signature]</i>
68	SUCHITA ANAND	SHIROLE	<i>[Signature]</i>
69	KASHINATHAPPA	SWAMI	<i>[Signature]</i>
70	SHRADDHA POPAT	TONPE	<i>[Signature]</i>
71	HARSHADA HANMANT	VHANANAVAR	<i>[Signature]</i>
72	PRADNYA PRAKASH	WAKCHAURE	<i>[Signature]</i>
73	PRANAV SHANKAR	WALUNJ	<i>[Signature]</i>
74	RASIKA ARVIND	WAYKAR	<i>[Signature]</i>





VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Dr. S. L. Fadnis
Principal

Alc, Tal - Junnar, Dist - Pune, 412411. | Contact No. 9730003179 | E-mail : vjism.principal@gmail.com | Website : www.vjsmale.com
A.I.C.T.E. Inst. I.D. : 1-4428021 | D.T.E. Inst. Code. : PH-6361, MP-6361 | University ID No. : CPHP012670 | P.C.I. Inst. Code : 32/610, 60/610

Ref No. : VJSM / VIPER / 2021-24 TPCEL - 62

Date : 29/04/2022

To,

HR Manager

Premium Serum & vaccines Pvt. Ltd,

Kandali, Narayangaon.

Thank You Letter

Dear Sir,

With Reference to Communication with the Mr. Sandip Patil Sir Our College Students of third Year B.pharm Visited your Plant on 29/04/2022.

We Appreciate Your Kind Gesture, permitting us to visit your Plant. We would also like to thank you for creating positive environment for nourishing our Students to understanding working of pharma industry.

Again, thank you for making our plant visit memorable and encouraging experience for all of us.

Thanking You.

Regards,

PRINCIPAL

VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
ALE TAL-JUNNAR DIST-PUNE 412411



Recd
29/04/2022



VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
Principal

Ale, Tal. Junnar, Dist. Pune-412411 | Contact No. : 9892376014 | E-mail : vism.principal@gmail.com | Website: www.viperale.com

P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

Industrial Project

M. Pharm Students

Sr. No.	Name of Student	Period	Name of Company
1.	Agasti Dongare	2 Sep. 2021- 1 March 2022	Enaltech
2.	Kurkute Aishwarya	27 July 2021- 27 Jan. 2022	Zenvision Pharma
3.	Shingote Pratik	2 Sep. 2021- 1 March 2022	Enaltech
4.	Shelke Snehal	27 July 2021- 27 Jan. 2022	Zenvision Pharma
5.	Naykodi Vrushali	27 July 2021- 27 Jan. 2022	Zenvision Pharma
6.	Thombare Vaibhav	2 Sep. 2021- 28 Feb. 2022	Enaltech
7.	Vidhate Pooja	2 Sep. 2021- 28 Feb. 2022	Enaltech
8.	Malwadkar Satyam	2 Sep. 2021- 1 March 2022	Enaltech
9.	Deokar Vrushali	27 Sep. 2021- 30 March 2022	SciTech Spacialities Pvt. Ltd.
10.	Inamdar Muskan	27 July 2021- 27 Jan. 2022	Zenvision Pharma
11.	Sahane Priya	27 July 2021- 27 Jan. 2022	Zenvision Pharma
12.	Bhalerao Vibhati	Six Month	Bidwai Chemicals Pvt. Ltd.
13.	Bhutambare Vaishali	27 Sep. 2021- 18 Feb. 2022	SciTech Spacialities Pvt. Ltd.
14.	Sarang Vaibhav	2 Sep. 2021- 28 Feb. 2022	Enaltech
15.	Mirza Nurain	7 Feb. 2022 – 3 June 2022	SciTech Spacialities Pvt. Ltd.





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VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
Principal

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P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

Industrial Project Certificates

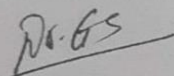
March 1, 2022

TRAINING CERTIFICATE

This is to certify that **Mr. Agasti Dongare**, a student of **Vishal Institute of Pharmaceutical Education and Research Ale, Tal - Junnar, Dist. - Pune - 412411**. Has successfully completed his **M. Pharm** Industrial training from **September 02, 2021 to March 1, 2022 in Analytical Department**.

His Performance during the training period was found satisfactory. We wish him a great Success in future.

For Enaltec Pharma Research Pvt. Ltd.



Dr. Gurpreet Saini
Sr. Manager- Human Resource

(I, Dongare Agasti M accept that all information provided along with this report (like Manufacturing Process/ Technology, Composition, Molecule Name & Salt.) will not be published/ presented/ reported in any seminar/ journal/ research article or conference. If found so, organization can take necessary legal action on me)

Enaltec Pharma Research Pvt. Ltd.: Plot No. PL - 11, Addl. Ambarnath MIDC, Anand Nagar, Ambarnath (E), Dist : Thane - 421 506, India
(Formerly known as Getz Pharma Research Pvt. Ltd.) T : +91 9223687800 • E : info@enaltecpharmaresearch.com • CIN : U24230MH2005PTC153404

www.enaltec.com

Scanned with CamScanner



Date: 03rd February 2022

To,
Ms. Aishwarya Santosh Kurkute
Kurkutwadi, Bota, Bota, Ahmadnagar,
Maharashtra 422602.

Subject – Completion of Internship period as a Project Trainee.

Project Title: - Formulation, Development and evaluation of film coated tablet containing Anti-Epileptic Drug.

This is to certify that **Ms. Aishwarya Santosh Kurkute**, a student of M. Pharmacy (Pharmaceutics), Vishal Institute of Pharmaceutical Education and Research, has successfully completed project internship from 27th July 2021 to 27th January 2022 at our Organization in Formulation Research & Development Department.

During the period of her internship with us, she was found to be punctual, hardworking & inquisitive.

We wish her every success in her life.

Thanks,

For Zenvision Pharma LLP

Haris
Authorized Signatory



ZENVISION PHARMA LLP

Regd. Office: First Floor, K. K. Chambers, Sir P. T. Road, Fort, Mumbai - 400001, Maharashtra, India.

Corp. Office and R & D Centre : Plot No. A-310, MIDC TTC Industrial Area, Mahape, Navi Mumbai-400709, Maharashtra, India.



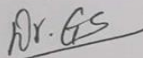
March 1, 2022

TRAINING CERTIFICATE

This is to certify that **Mr. Pratik Shingote**, a student of Vishal Institute of Pharmaceutical Education and Research Ale, Tal - Junnar, Dist. - Pune - 412411. Has successfully completed his **M. Pharm** Industrial training **September 02, 2021 to March 1, 2022** in **Formulation Department**.

His Performance during the training period was found satisfactory. We wish him a great Success in future.

For Enaltec Pharma Research Pvt. Ltd.



Dr. Gurpreet Saini
Sr. Manager- Human Resource

(I, Mr. Pratik R. Shingote accept that all information provided along with this report (like Manufacturing Process/ Technology, Composition, Molecule Name & Salt.) will not be published/ presented/ reported in any seminar/journal/research article or conference. If found so, organization can take necessary legal action on me)





ZENVISION PHARMA

9

Date: 03rd February 2022

To,
Ms. Snehal Shivaji Shelke
Bota, Ahmadnagar, Maharashtra 422602.

Subject – Completion of Internship period as a Project Trainee.

Project Title: - Formulation, Development and Evaluation of Dispersible Tablet containing Hyperamonemia Drug.

This is to certify that **Ms. Snehal Shivaji Shelke**, a student of M. Pharmacy (Quality Assurance), Vishal Institute of Pharmaceutical Education and Research, has successfully completed project internship from 27th July 2021 to 27th January 2022 at our Organization in Formulation Research & Development Department.

During the period of her internship with us, she was found to be punctual, hardworking & inquisitive.

We wish her every success in her life.

Thanks,

For Zenvision Pharma LLP

Plavla
Authorized Signatory



ZENVISION PHARMA LLP

Regd. Office: First Floor, K. K. Chambers, Sir P.T. Road, Fort, Mumbai - 400001, Maharashtra, India.

Branch Office: Plot No. 2, MIDC, TTC Industrial Area, Mahape, Near Mumbai - 400706, Maharashtra, India.





ZENVISION PHARMA

Date: 03rd February 2022

To,
Ms. Vrushali Khandu Naykodi
Patil Mala, Tejewadi, Pune,
Maharashtra 410511.

Subject – Completion of Internship period as a Project Trainee.

Project Title: - Formulation, Development and Evaluation of delayed release tablet containing Anti-Inflammatory Drug.

This is to certify that **Ms. Vrushali Khandu Naykodi**, a student of M. Pharmacy (Quality Assurance), Vishal Institute of Pharmaceutical Education and Research, has successfully completed project internship from **27th July 2021 to 27th January 2022** at our Organization in Formulation Research & Development Department.

During the period of her internship with us, she was found to be punctual, hardworking & inquisitive.

We wish her every success in her life.

Thanks,

For Zenvision Pharma LLP

Plania..
Authorized Signatory



ZENVISION PHARMA LLP

Regd. Office: First Floor, K. K. Chambers, Sir P. T. Road, Fort, Mumbai - 400001, Maharashtra, India.
Corp. Office and R & D Centre : Plot No. A-310, MIDC TTC Industrial Area, Mahape, Navi Mumbai-400709, Maharashtra, India.
www.zenvisionpharma.com



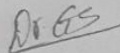
February 28, 2022

TRAINING CERTIFICATE

This is to certify that **Mr. Vaibhav Thombre**, a student of **Vishal Institute of Pharmaceutical Education and Research Ale, Tal - Junnar, Dist. - Pune - 412411**. Has successfully completed his **M. Pharm Industrial training September 02, 2021 to February 28, 2022 in Formulation Department.**

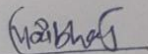
His Performance during the training period was found satisfactory. We wish him a great Success in future.

For Enaltec Pharma Research Pvt. Ltd.



Dr. Gurpreet Saini
Sr. Manager- Human Resource

(I, Vaibhav Thombre accept that all information provided along with this report (like Manufacturing Process/ Technology, Composition, Molecule Name & Salt.) will not be published/ presented/ reported in any seminar/journal/research article or conference. If found so, organization can take necessary legal action on me)



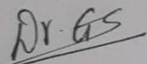
February 28, 2022

TRAINING CERTIFICATE

This is to certify that **Ms. Pooja Vidhate** a student of **Vishal Institute of Pharmaceutical Education and Research Ale, Tal - Junnar, Dist. - Pune- 412411**. Has successfully completed her **M. Pharm Industrial** training from **September 02, 2021 to February 28, 2022** in **Analytical Department**.

Her Performance during the training period was found satisfactory. We wish her a great Success in future.

For **Enaltec Pharma Research Pvt. Ltd.**



Dr. Gurpreet Saini
Sr. Manager- Human Resource

(I, _____ accept that all information provided along with this report (like Manufacturing Process/ Technology, Composition, Molecule Name & Salt.) will not be published/ presented/reported in any seminar/journal/research article or conference. If found so, organization can take necessary legal action on me)



③

ENALTEC
Chemistry Applied

March 1, 2022

TRAINING CERTIFICATE

This is to certify that **Mr. Satyam Malwadkar**, a student of **Vishal Institute of Pharmaceutical Education and Research Ale, Tal - Junnar, Dist. - Pune - 412411**. Has successfully completed his **M. Pharm. Industrial training from September 02, 2021 to March 1, 2022 in Analytical Department.**

His Performance during the training period was found satisfactory. We wish him a great Success in future.

For Enaltec Pharma Research Pvt. Ltd.

Dr. GS

Dr. Gurpreet Saini
Sr. Manager- Human Resource

(I, Satyam Malwadkar accept that all information provided along with this report (like Manufacturing Process/ Technology, Composition, Molecule Name & Salt.) will not be published/ presented/ reported in any seminar/journal/research article or conference. If found so, organization can take necessary legal action on me)

Satyam

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(Formerly known as Getz Pharma Research Pvt. Ltd.) T : +91 9223687800 • E : info@enaltecpharmaresearch.com • CIN : U24230MH2005PTC153404

www.enaltec.com





SciTech Specialities Pvt. Ltd.

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E-mail: scitech@scitech.net.in • CIN: U85190MH2007PTC175484
Factory: A-3/12/13, STICE Musalgaon, Tal: Sinnar, Dist: Nashik 422112.
Tel: +91 (2551) 240045 / 46 / 49 / 240244 Fax: +91 (2551) 240201 • E-mail: stsp@stsp.in

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Rushali Sanjay Deokar of Vishal Institute of Pharmaceutical Education and Research, Ale has undergone her project training at QC department from 27 Sep 2021 to 30 Mar 2022. She successfully completed her project **"Comparitive Dissolution Study of Glutathione OD Tablet vs. Effervescent Tablet vs. Capsule"**.

During her project training period we found her to be extremely hardworking, studious, honest and took keen interest in all activities of QC Department.

We wish her the very best for her future endeavours.

With best wishes,

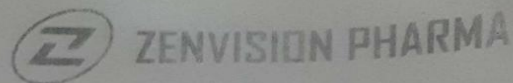
Dr. Ameya Mulay
VP Quality Services



Date : 03 Jun 2022
Place : Sinnar



Date: 03rd February 2022



To,
Ms. Muskan Jainuddin Inamdar
Gaon than, Pimpalwandi, Pune,
Maharashtra, 412412.

Subject – Completion of Internship period as a Project Trainee.

Project Title: - Formulation, Development and Evaluation of Topical Gel of Non-Steroidal Anti-Inflammatory agent for pain management.

This is to certify that **Ms. Muskan Jainuddin Inamdar**, a student of M. Pharmacy (Pharmaceutics), Vishal Institute of Pharmaceutical Education And Research, has successfully completed project internship from **27th July 2021 to 27th January 2022** at our Organization in Formulation Research & Development Department.

During the period of her internship with us, she was found to be punctual, hardworking & inquisitive.

We wish her every success in her life.

Thanks,

For Zenvision Pharma LLP

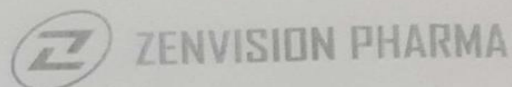
Planta
Authorized Signatory



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Corp. Office and R & D Centre : Plot No. A-310, MIDC TTC Industrial Area, Mahape, Navi Mumbai-400709, Maharashtra, India.
www.zenvisionpharma.com





Date: 03rd February 2022

To,
Ms. Priya Subhash Sahane
Kol Wadi, Ale, Ala, Pune,
Maharashtra 412411.

Subject – Completion of Internship period as a Project Trainee.

Project Title: - Formulation, Development and Evaluation of immediate release tablet containing Anti-Diabetic Drug.

This is to certify that **Ms. Priya Subhash Sahane**, a student of M. Pharmacy (Quality Assurance), Vishal Institute of Pharmaceutical Education and Research, has successfully completed project internship from **27th July 2021 to 27th January 2022** at our Organization in Formulation Research & Development Department.

During the period of her internship with us, she was found to be punctual, hardworking & inquisitive.

We wish her every success in her life.

Thanks,

For Zenvision Pharma LLP

Flavia
Authorized Signatory



ZENVISION PHARMA LLP

Regd. Office: First Floor, K. K. Chambers, Sir P.T. Road, Fort, Mumbai - 400001, Maharashtra, India.
Corp. Office and R & D Centre : Plot No. A-310, MIDC TTC Industrial Area, Mahape, Navi Mumbai-400709, Maharashtra, India.
www.zenvisionpharma.com



BCPL**Bidwai Chemicals Pvt.Ltd.**WORKS & OFFICE : Survey No 109 Nanded-Latur Road, Khapnerwadi, Post Vadepur, Tal Dist Nanded-431606
POSTAL ADDRESS : "KOSHISH" Plot No. 142 Vikas Nagar Old Kaulha, Nanded-431603 Mob. : 9423440826, 8889043444Date : 1

DATE:- 02/04/2022

INDUSTRIAL PROJECT AND TRAINING CERTIFICATE

This is to certify that **Miss. Bhalerao Vibhati Sangamnath.**

Of Vishal Institute of Pharmaceutical Education and Research Ta. Junnar
Dist. Pune.

Has completed Six Months Industrial Project, in our organization from 01 October 2021 to
01 April 2022. And She has taken training successfully on following topics.

Good Manufacturing Practices, Good Laboratory Practices, Good Housekeeping
Practices, Good Documentation Practices, Validation, Stability Study Testing, Change
Control, Process control, Deviations, SOP.

During the Training period, we found her to be sincere & punctual in attendance.

We wish him to success in her future.

Approved by



Manager Q.A.

Authorized By



Director





SciTech Specialities Pvt. Ltd.

Office: 501 DLH Park, S.V. Road, Goregaon (West), Mumbai 400 062, India • Tel: 22 417 50000
E-mail: scitech@scitech.net.in • CIN: U85190MH2007PTC175484
Factory: A-3/12/13, STICE Musalgaon, Tal: Sinnar, Dist: Nashik 422112.
Tel: +91 (2551) 240045 / 46 / 49 / 240244 Fax: +91 (2551) 240201 • E-mail: stsp@stsp.in

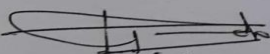
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Bhutambare Vaishali Anil of Vishal Institute of Pharmaceutical Education and Research, Ale has undergone her project training at R&D department from 27 Sep 2021 to 18 Feb 2022. She successfully completed her project **"Formulation Development and Evaluation of Multivitamin and Multi-Minerals Effervescent Tablet"**.

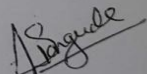
During her project training period we found her to be extremely hardworking, studious, honest and took keen interest in all activities of R&D Department.

We wish her the very best for her future endeavours.

With best wishes,


Col Pravin Gadre (Retd)
Director Operations




Mr. Satish Nangude
General Manager R&D

Date : 06 Jun 2022
Place : Sinnar



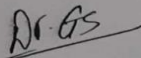
February 22, 2022

TRAINING CERTIFICATE

This is to certify that **Mr. Vaibhav Sarang**, a student of **Vishal Institute of Pharmaceutical Education and Research Ale, Tal - Junnar, Dist. - Pune- 412411**. Has successfully completed his **M. Pharm** Industrial training from **September 02, 2021 to February 28, 2022** in **Formulation Department**.

His Performance during the training period was found satisfactory. We wish him a great Success in future.

For Enaltec Pharma Research Pvt. Ltd.



Dr. Gurpreet Saini
Sr. Manager- Human Resource

(I, Vaibhav C. Sarang) accept that all information provided along with this report (like Manufacturing Process/ Technology, Composition, Molecule Name & Salt.) will not be published/ presented/reported in any seminar/journal/research article or conference. If found so, organization can take necessary legal action on me)





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E-mail: scitech@scitech.net.in • CIN: U85190MH2007PTC175484
Factory: A-3/12/13, STICE Musalgaon, Tal: Sinnar, Dist: Nashik 422112.
Tel: +91 (2551) 240045 / 46 / 49 / 240244 Fax: +91 (2551) 240201 • E-mail: stsp@stsp.in

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Mirza Nurain Munawwar of Vishal Institute of Pharmaceutical Education and Research, Ale has undergone her project training at R&D department from 07 Feb 2022 to 03 Jun 2022. She successfully completed her project **"Formulation, Development and Evaluation of Apple Cider Vinegar Effervescent Tablet"**.

During her project training period we found her to be extremely hardworking, studious, honest and took keen interest in all activities of R&D Department.

We wish her the very best for her future endeavours.

With best wishes,

Col Pravin Gadre (Retd)
Director Operations

Mr. Satish Nangude
General Manager R&D

Date : 14 Jun 2022
Place : Sinnar





VISHAL JUNNAR SEVA MANDAL'S

VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
Principal

Ale, Tal. Junnar, Dist. Pune-412411 | Contact No. : 9892376014 | E-mail : vism.principal@gmail.com | Website: www.viperale.com

P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

Medicinal Garden Visit

MEDICINAL GARDEN VISIT TO B. J. COLLEGE ALE

DATE	NO. OF PARTICIPANTS
09-03-2022	Two Staff and Students (40)



Brief Report of the Activity:

Third year B-Pharm students of VIPER visited to B. J. College medicinal garden as a part of practical syllabus in Pharmacognosy and Phytochemistry-II. Two faculty members Dr. Kolhe S. S. & Ms. Kamble S. of our college along with 40 students of second year B. Pharm have visited to B.J. College Medicinal Garden, Ale on date 09-03-2022. In that visit students are ware about botanical identification & medicinal uses of different plants along with their cultivation and collection parameters etc explained by Dr. Rahandagale madam from B. J. College.





VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
i/c Principal

Ale, Tal. Junnar, Dist. Pune-412411 Contact No. : 9892376014 E-mail : vjrm.principal@gmail.com Website: www.vjrmale.com

P.C.T. Inst. Code : PCI-2620 D.T.E. Inst. Code : 6361 University I.D. No. : CPHP012670

Date : 4 / 3 / 2022

Ref. No. : VJSM/VIPER/2022 - 177

Requesting Letter

To,
Botany Department,
The B. J. College, Ale
Tal. Junnar, Dist. Pune

Sub: Regarding the visit to Medicinal Garden, Ale

Respected Mam,

With reference to the above cited subject as per syllabus of Pharmacognosy & Phytochemistry- II practical Medicinal garden visit is mandatory.

So, co- operate for the same

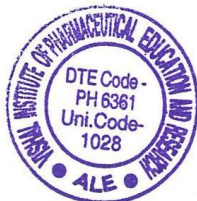
Thanking You

Received
[Signature]

Yours faithfully,

PRINCIPAL

VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
ALE TAL-JUNNAR DIST-PUNE 412411





प्रभारी प्राचार्य
डॉ. पी. जी. जाधव
M.Sc., NET, Ph.D.

ज्ञानेश्वर ग्रामोन्नती मंडळाचे,
मा. बालासाहेब जाधव
कला, वाणिज्य व विज्ञान महाविद्यालय, आळे
ता. जुन्नर, जि. पुणे ४१२ ४११.

पुणे विद्यापीठाशी संलग्न
आय डी.नं.: पी.यु./पीएन/एएससी/०९७/१९९३
(NAAC- Re Accredited 'B+' Grade)

मो. ९७६६६३८३४०/७५८८९८३५९०
ई-मेल- bjcollege_ale@yahoo.co.in
वेबसाईट- www.bjcollegeale.com

जावक क्र. : 270/2021-2022

दिनांक ०१/०३/२०२२

Certificate

To

The Principal,

Vishal Institute of Pharmaceutical Edu. & Res. Ale,

Tal-Junnar, Dist- Pune 412411

Sub: Regarding Medicinal Garden visit

This is to certify that the one faculty member Miss Shilpa Kolhe and Miss. Kamble Shubhangi of our college along with 40 third year B.Pharm have visited our B.J College Medicinal Garden, Ale on date 9/03/2022.

In that visit I explained to all students about botanical identification & medicinal uses of different plants along with their cultivation and collection parameters etc.


Offi. Principal

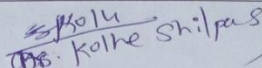
Dnyaneshwar Gramonnati Mandal's
Hon. Balasaheb Jadhav Arts, Commerce &
Science College, Ale, Tal. Junnar, Dist. Pune(412411)



* Medicinal Garden Visit. * Date - 09/03/22
T.Y. B. Pharm. (Prognosis & Phytochemistry. II)

Roll No.	First Name	Last Name	Attendance				
1	PRANALI	ABHANG	Pr.	42	MADHURI	KURHADE	P
2	DARSHAN	ADAKI	Pr.	43	PRAJAKTA	KURKUTE	P
3	SANKET	AHER	Pr.	44	SHUBHAM	LAMKHADE	Ab
4	VRUSHALI	AHER	Pr.	45	RUTIKA	LANDE	Ab
5	PRATHAMESH	ALHAT	Pr.	46	SHIVANI	LOHATE	Ab
6	SHUBHAM	BANGAR	Pr.	47	POOJA	LOKHANDE	P
7	PAYAL	BATWAL	Ab	48	DIVYA	MALUSKAR	P
8	PUNAM	BHANDARI	Pr.	49	AKSHAY	MENGAL	Ab
9	DEVYANI	BHOR	Ab	50	SAKSHI	MUKHADE	Ab
10	KOMAL	BHUJBAL	Pr.	51	GAURAV	MUNDHE	P
11	ADITI	BODKE	Pr.	52	VAIBHAV	NAGARGOJE	Ab
12	RUTUJA	DEOKAR	Pr.	53	JAYASHRI	NARAWADE	P
13	TEJASHREE	DEOKAR	Pr.	54	RANI	NEHARKAR	Ab
14	MRUNAL	DESHMUKH	Pr.	55	DEEPAI	PATADE	P
15	AKASH	DHANGARMALI	Pr.	56	SIDDHI	PATIL	Ab
16	ANKUSH	DHAWALE	Pr.	57	VIKRAM	PAWAR	P
17	ANJALI	DONGRE	Pr.	58	VAISHNAVI	PHALKE	P
18	SHUBHANGI	DUMBRE	Ab	59	VAISHNAVI	POKHARKAR	P
19	KIRTI	FULSUNDAR	Ab	60	SAURABH	RAUT	Ab
20	ARATI	GADGE	P	61	DEEPTI	RAYAT	Ab
21	SAGAR	GAIKWAD	Ab	62	SONAL	SAHANE	P
22	RUTUJA	GOPALE	Ab	63	PRANJAL	SARODE	Ab
23	PRATIBHA	GUNJAL	Ab	64	ANUJA	SASANE	P
24	PRANITA	HADAWALE	Pr.	65	PRATIK	SHELKE	Ab
25	ANKITA	HANDE	Pr.	66	GANESH	SHEVKAR	P
26	APURVA	HANDE	Ab	67	SHRADDHA	SHINDE	Ab
27	ARTI	HOLKAR	Ab	68	SUCHITA	SHIROLE	P
28	SHUBHAM	JADHAV	P	69	SUNIL	SWAMI	Ab
29	TRUPTI	JADHAV	Ab	70	SHRADDHA	TONPE	P
30	AISHWARYA	JADHAV	Ab	71	HARSHADA	VHANANAVAR	P
31	PRATIKSHA	KALE	P	72	PRADNYA	WAKCHAURE	Ab
32	PRASHANT	KAPASE	Ab	73	PRANAV	WALUNJ	P
33	SAKSHI	KARDILE	Ab	74	RASIKA	WAYKAR	Ab
34	PRAPTI	KHEMNAR	P				
35	SAKSHI	KHILARI	Ab				
36	SHRADDHA	KHOKRALE	P				
37	SHRADDHA	KHOKRALE	P				
38	PRANITA	KHOSE	Ab				
39	DHANESH	KOKATE	Ab				
40	SURAJ	KOTKAR	P				
41	AISHWARYA	KURHADE	P				

Signature of Staff :



Signature of Staff :

Dr. Kolhe Shilpa S.





VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Dr. S. L. Jadhav
VC Principal

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Ref. No. : VJSMVIPER/2021-22-14

Date : 10/3/2022

Thanking Letter

To,
Botany Department,
The B. J. College, Ale
Tal. Junnar, Dist. Pune 412411

Sub: Regarding Thanking Letter

Respected Madam,

With respected to the above cited subject we would like to thank you and your staff for spending valuable time for demonstrating of identification of different medicinal plant by analyzing their parts [Botanica Identification], Ale dated on 09/03/2022 visit to medicinal garden is mandatory in Pharmacognosy & Phytochemistry- II Practical which enlighten of students confidence for their bright future.
Thank you for cooperation.

Thanking You

PRINCIPAL

VISHAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH
ALE TAL-JUNNAR DIST-PUNE 412411

Recived
mm EPHS/2

Warm Regards,

