

INNOVATIONS & INCUBATION

College has constituted R & D cell, Start-up and Innovation Cell (in collaboration with Innovation, Incubation and Linkages Cell SPPU) and Industry-Institute Partnership cell for enhancing research activities.

INNOVATION AND START-UP CELL:

The college has constituted Innovation and Start-up Cell as per the norms of Centre for Innovation, Incubation and Linkages at Savitribai Phule Pune University, Pune for enhancing research activities. Under Innovation and Start up cell, students are motivated for entrepreneurship. Identification of problem and idea creation for business models are initiated through cell by conducting visits to Industry, NGO and organizing Idea creation competition.

Aims and objectives of Innovation and Start-up Cell:

- ✓ To inculcate the spirit of entrepreneurship among faculty and students.
- ✓ To establish links with various R&D organizations and funding agencies for the project ideas of students and faculty.
- ✓ To explore and identify the opportunities of interaction with industry.
- ✓ To motivate Students and faculty to start their own ventures as start-ups.

The constitution of Innovation and Start-up Cell

Sr. No	Name of Staff	Designation	Contact Number
1	Dr. R. T. Dolas	HOD	9657720340
2	Dr. S. B. Somwanshi	coordinator	9975101498
3	Ms. J. M. Padol	Member	9823880224
4	Ms. S. B. Govardhane	Member	9841912514
5	Ms. V. B. Bodke	Member	9420364103
6	Ms. A. S. Bootwala	Member	8329552856
7	Ms. N. N. Bhandare	Member	9518558823
8	Mr. Someshwar Navhat	Invitee member	8888049995
9	Mr. Sharad Dubay	Invitee member	9860552078





RESEARCH AND DEVELOPMENT CELL

Through the Research and Development Cell, the research activities of the under graduate, post graduate and staffs in pharmacy are monitored and addressed.

The constitution of Research and Development Cell

Sr. No	Name of faculty	Designation
1.	Dr. Charushila J. Bhangale	Principal and Chairman
2.	Dr. Sachin B. Somwanshi	Academic Research Co-ordinator
3.	Dr. Ramdas T. Dolas	Member
4.	Dr. Kiran B. Kotade	Member
5.	Mr. Kiran B. Dhamak	Member

Objectives of Research and Development Cell:

- To promote and facilitate research activities amongst the teachers and students.
- > To foster an environment conducive for research.
- ➤ To encourage teachers and students to participate in research projects to improve their technical skills and knowledge.
- To assist teachers in obtaining research and other grants from various funding bodies.
- ➤ Guidance for publication of papers in reputed journals.

Recommendations:

- > Recommend the teachers and students to increase their number of research publications.
- ➤ Recommend to undertake minor and major research projects from various funding agencies.
- ➤ Recommend funds for research from various funding agencies.
- > Recommend to organize more number of guest lectures, seminar and conferences.

Impact of Recommendations:

- As a result of recommendations from R&D Cell, the number of projects suited up. The teachers and students started minor research projects so there is increase in the publication by the teachers.
- > Students participated in different seminars and conferences and presenting their work.
- ➤ Teachers and students took initiation to enroll themselves in more number of professional societies.

THE CONSTITUTION OF DIFFERENT COMMITTEES

Sr. No	Name of Staff	Designation			
	Training and Placement cell				
1	1 Mr.V.D.Kunde Coordinator				
2	Mr.K.B.Dhamak	Member			
3	Mr.S.G.Laware	Member			
4	Ms.Roma Sharma	Member			
	Industry Institution inter	raction cell			
1	Mr. S. B. Somwanshi	Coordinator			
2	Mr. K. B. Kotade	Member			
3	Mr. V. M. Gaware	Member			
4	Mr. V. D. Kunde	Member			
	Entrepreneur Developm	nent Cell			
1	Mr. R. T. Dolas	Coordinator			
2	Ms. K. T. Vaditake	Member			
3	Mrs. S. N. Bhandare	Member			
4	Mr. K. B. Kotade	Member			
	Career Guidance Cell				
1	Mr.V.M.Dhamak	Coordinator			
2	Mr.S.B.Somwanshi	Member			
3	Dr.A.V.Baviskar	Member			
4	Mr.R.D.Khaire	Member			



SUMMARY OF ACTIVITIES UNDER INNOVATIONS & INCUBATION:

- 1. Facilities available: Infrastructure
- 2. Subscription of Journal/Library Membership
- 3. Animal House Facility
- 4. Funding Projects
- 5. Assistance for PhD Research Work
- 6. Research Publications by teachers
- 7. Total Number of Seminar/ Workshop/ Conference Attended By Teachers
- 8. Seminars/Workshop organized on Research methodology, Intellectual Property Rights (IPR) and Entrepreneurship
- 9. Guest lecture organized
- 10. MOU's/Collaboration
- 11. Training on Sophisticated Instruments/ Equipments
- 12. Industrial Visit

1. FACILITIES AVAILABLE: INFRASTRUCTURE

List of Sophisticated Instruments/ Equipments Available

Sr. No.	Name of Instrument
1	High performance liquid chromatography
2	UV visible spectrophotometer
3	FTIR
4	Rotary tablet compression machine
5	Dissolution test apparatus
6	Sonicator
7	BOD incubator
8	Stability chamber
9	Rheometer
10	Centrifuge



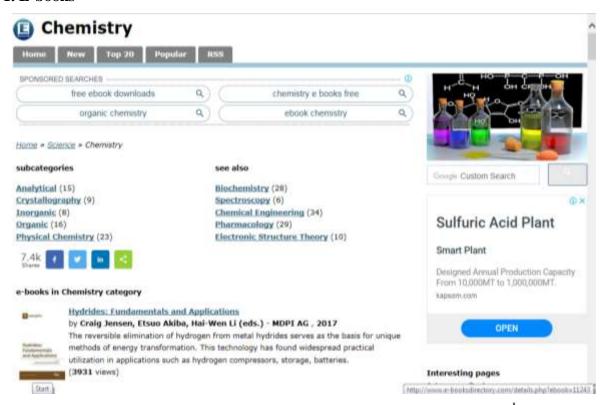
2. SUBSCRIPTION OF JOURNAL/ LIBRARY MEMBERSHIP:

Online National/International Journals are subscribed for promoting research activities. College has subscribed for membership of British Library, and Jaykar Library SPPU giving access to knowledge resource.

The college has an E-Library with membership/registration for Following:

- 1. E-books
- 2. E-journals
- 3. e-PG Pathshala
- 4. Jaykar library, SPPU, Pune
- 5. DELNET
- 6. Swayam
- 7. National Digital Library of India
- 8. E-shodhsindhu
- 9. Nptel

1. E-books



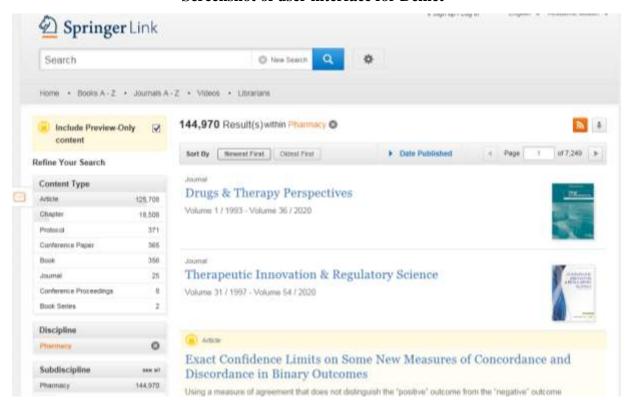
Screenshot of User Interface of e-books

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2. E-Journals



Screenshot of user interface for Delnet



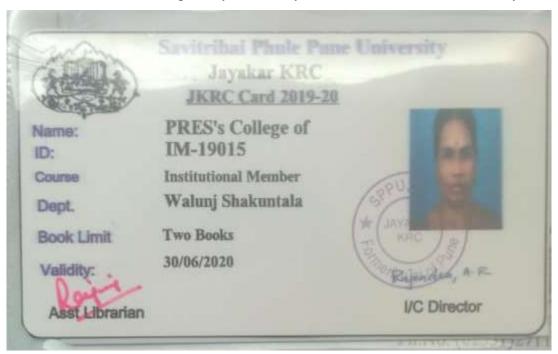
Screenshot of user interface for Springer Link

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3. Jaykar library, SPPU, Pune

Institute has membership of Jaykar Library, Savitribai Phule Pune University, Pune.



4. Pg Pathshala



Screenshot of User Interface of Pg-Pathshala

Principal
Cellege of Pharmacy, Chincholi
Tal. Sharar, Dist. Nashik 422102

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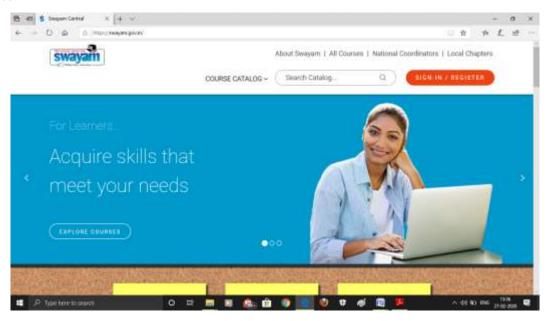
5. DELNET

DELNET has been established with the prime objective of promoting resource sharing among the libraries through the development of a network of libraries.



Screenshot of User Interface of Delnet

6. SWAYAM

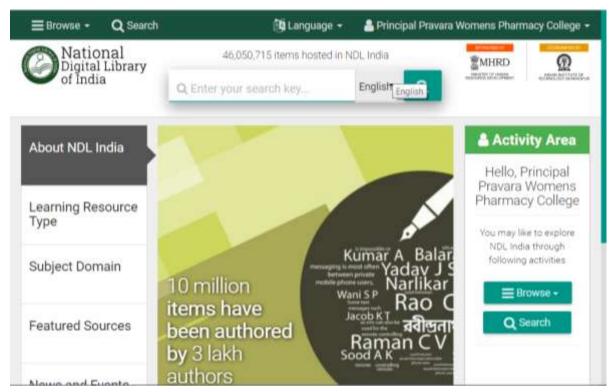


Screenshot of User Interface of Swayam



7. NATIONAL DIGITAL LIBRARY OF INDIA

Ministry of Human Resource Development (MHRD) under its National Mission on Education through Information and Communication Technology (NMEICT) has initiated the National Digital Library of India (NDL India) pilot project to develop a framework of virtual repository of learning resources with a single-window search facility.



Screenshot of User Interface of NDL

8. E-Shodhsindhu

The main objective of the e-ShodhSindu: Consortia for Higher Education E-Resources is to provide access to qualitative electronic resources including full-text, bibliographic and factual databases to academic institutions at a lower rates of subscription.



9. NPTEL

Discipline requirement

Inbox 8

shakuntala pangavhane shodsvitlibrary@gmail.com-

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Dear Madam,

Our College discipline requirement for notel is 9 so check the same and guide the next proces-

Thanks

Librarian ,Copc

- 1-Chemistry
- 2-Biochemistry
- 3-Biotechnology
- 4-Chemical Engineering
- 5 Environmental Sc
- 6 Humanity & Social Sc
- 7-Management
- g-Mathematics .
- 9 Computer sc& Engineering

3. ANIMAL HOUSE FACILITY

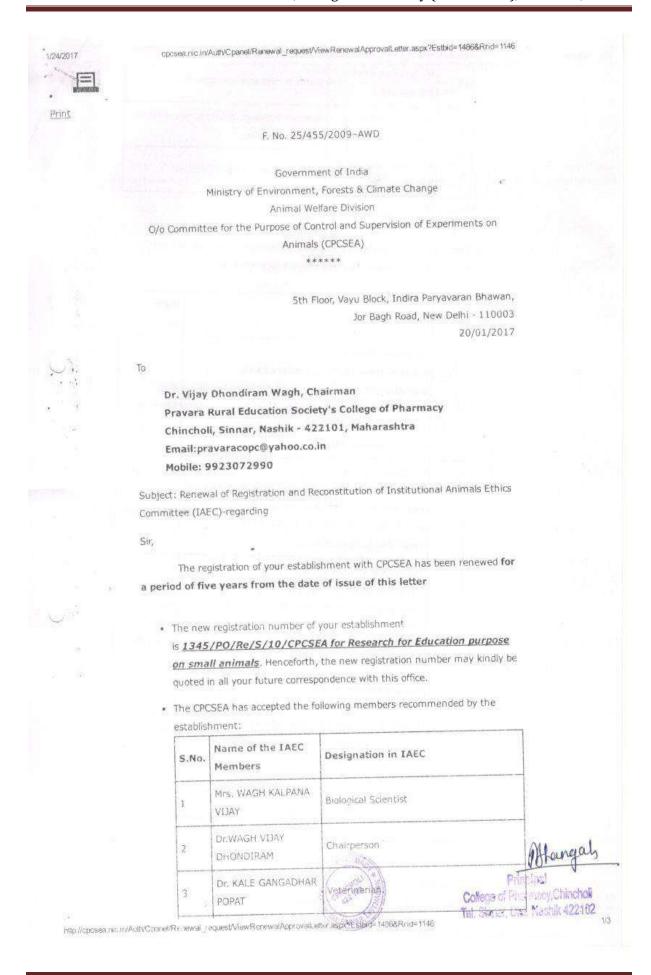
The college has an Institutional Animal Ethics Committee to monitor matters related to the ethics of inclusion of animals in research. The committee has been constituted as per the norms of CPCSEA and IAEC guidelines. The details of which are given below:

CPCSEA Registration No.: 1345/PO/Re/S/10/CPCSEA

COMPOSITION OF IAEC

Sr. No.	Name of the member	Designation
1.	Dr. Charushila J. Bhangale	Chairman, Biological Scientist
2.	Dr. Mrunal Ghag Sawant	CPCSEA nominee
3.	Dr. Gajanan Sanap	Link Nominee
4.	Dr. Santosh Pandurang Salvi	Scientist from outside the institute
5.	Mr. Swapnil Balwant Deshmukh	CPCSEA socially aware nominee
6.	Dr. Kiran Babasaheb Kotade	Member Secretary & In charge of Animal House
7.	Dr. Sanjay Balasaheb Bhawar	Scientist from different discipline
9.	Dr. Ramdas Tukaram Dolas	Scientist from different discipline
10.	Dr. Popat Gangadhar Kale	Veterinarian





1/24/2017

cocsea	nic.in/Auth/Cpanel/Renewal_requ	iest/ViewRenewalApprovalLetter.aspx?Estbid=1486&Rrid=11
4	Mr. BHAWAR SANJAY BALASAHEB	Scientist from different discipline
5	Mr. KOTADE KIRAN BABASAHEB	Scientist Incharge of Animal House Facility, Member Secretary
6	Mr. Dolas Tukaram Ramdas	Scientist from different discipline

 CPCSEA hereby nominates the following members to the Institutional Animals Ethics Committee (IAEC) of your establishment:

S.No.	Name	Nominated as
1	Dr. Mrunal Ghag Sawant Scientific Officer, Haffkine Institute Campus, Bungalow NO. 4, Near Sal Mandir, Aacharya Donde Marg, Parel – 400 012, Maharashtra Contact No :9820729696 Email :drmrunal14@gmail.com	Main Nominee
2	Dr. Gajanan Sanap A-6, F.No. 302, Krishna Paradise, Near Gopal Krishna Park, Kalyan (E) – 421306, Maharashtra Contact No :9930297070, 9822750111 Email _fourh29@rediffmail.com	Link Nominee
3	Dr. Santosh Pandurang Salvi 05/Nav-Visawachs Namdeo Path, Vasantwadi Near Rokel Depot, Dombivli – East Pin – 421 201, Maharashtra Contact No :9324976280 Email :vetcare.24@gmail.com	Scientist from outside the Institute
4	Swapnil Balwant Deshmukh C/o Amit Dashrath Deshmukh, 1372 'Deshmukh Niwas', Behind State Bank of India, Old Agra Road, C.B.V. S 422001, Nashik, Maharashtra Contact No:07588015561 Email:swapnildeshmukh1122@rediffmail.com	Socially Aware Nominee

(Please note that any change in IAEC members can be made only with prior approval of CPCSEA:)

 The IAEC is valid for a period of five years and is coterminous with renewed period of registration. IAEC is required to be reconstituted at the time of

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cpcsea.nic.in/Auth/Cpanel/Renewal_request/ViewReriewalApprovalLetter.aspx?Estbid=1486&Rrid=1146 renewal of registration as per CPCSEA guidelines.

- You are requested to convene the meeting of the re-constituted IAEC within a period of 30 days and upload the same on the website of the CPCSEA.
- It is stated that only above approved IAEC members shall sign, with date, on the attendance sheet of the IAEC meetings, and decisions will be taken only in meetings where quorum is complete. The quorum for holding IAEC meeting is six (6), and CPCSEA Nominees must be present in such meetings. Link Nominee can attend in case main nominee conveys his unavailability in writing to the chairman IAEC. Socially aware member's presence is compulsory in cases referred to CPCSEA and atleast in one meeting in a calendar year. Any decision taken in the meetings of IAEC without quorum shall be considered invalid.).

Yours faithfully,

CONT CONTRACT

Deputy Secretary (AW) & Member Secretary (CPCSEA)

Copy for necessary action to: Nominees of CPCSEA.

The Main Nominee is requested to ensure that the IAEC meetings are held regularly as stipulated in the SOP of CPCSEA and submit the Annual Inspection Reports of the Animal House Facility regularly on the Website of CPCSEA.

The Main Nominee*is requested to conduct the Inspection of Animal House Facility within a period of 30 days and submit the Inspection Report on the Website of CPCSEA.



Principal

College of Pharmacy Chirchell
Tell Somer Unit Machik 422192

4. FUNDING PROJECTS

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year;

Name of the Project/ Endowments	Name of the Principal Investigator/ Co- investivator	Duration of the project	Name of the Funding Agency
Validated stability indicating RP-HPLC method for the determination of phenozone and lidocaine HCL in bulk and dosage form	Dr. Charushila J. Bhangale	Six Months	Vidisha Analytical Research and Training Center, Nashik
Formulation and Evaluation of Pesticide Residue Solution to Detoxify the Vegetable and Fruits	Mr. Vikas D. Kunde	Six Months	Phoenix Pharma, Aurangabad



Summary of the Grant

Name of the Funding Agency	Vidisha Analytical Research and Training Center, Nashik
Type of Funding Agency	Non- government
Name of the Proposal Received the Grant	Validated stability indicating RP-HPLC method for the determination of phenozone and lidocaine HCL in bulk and dosage form
Faculty Details	Dr. Charushila J. Bhangale
Academic Year	2020-21
About the Proposal	This project focuses on analytical method validation of drug by new technique to improve the accuracy and strength of formulation aspects.





VIDISHA ANALYTICAL

To

The Principal,

PRES's, College of Pharmacy (For Women),

Chincholi, Nashik

Subject: Sanctioning of Sponsored Minor Research Project

Reference:

Dear Sir/ Madam

With reference to your letter for Minor Research Project dated on 23/05/2020 with reference number COPC/Research/2020-21/9A. We are hereby glad to inform you that your research project has been accepted by our research committee.

The details of the sanctioned minor research project are as follows;

Sr. No	Name of the Project	Coordinator	Sanctioned Amount
l.	Validated stability indicating RP-HPLC method for the determination of phenozone and lidocaine HCL in bulk and dosage form	Dr. Charushila J. Bhangale	20,000/-

We expect your cooperation and timely completion of the project.

Further we assure you that Vidisha Analytical Research and Training Center, Nashik, will provide all facilities required for the successful completion of project.

Regards

Director

Vidisha Analytical Research and Training Center,

Nashik

Flat No.1, Datar apartment, first floor, Behind swaraj tractor centre, off NH-03, Dwarka, Nashik-422011 Contact no. +91-9763483903 / 8888068444 Email id: vidisha.analytical@gmail.com

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Name of the Funding Agency	Phoenix Pharma, Aurangabad
Type of Funding Agency	Non- government
Name of the Proposal Received the Grant	Formulation and Evaluation of Pesticide Residue Solution to Detoxify the Vegetable and Fruits
Faculty Details	Mr. Kunde Vikas D
Academic Year	2020-21
About the Proposal	This project focuses on to develop the new technology to detoxify the vegetables and fruits.





PHOENIX PHARMA

To
The Principal,
PRES's, College of Pharmacy (For Women),
Chincholi, Nashik

Subject: Sanctioning of Sponsored Minor Research Project

Reference:

Dear Sir/ Madam
With reference to your letter for Minor Research Project dated on 23/05/2020 with reference number COPC/Research/202021/98. We are hereby glad to inform you that your research project has been accepted by our research committee.

Fine details of the sanctioned minor research project are as follows;

Sr. No Name of the Project Coordinator Sanctioned Amount

Formulation and Evaluation of Pesticide
Residue Solution to Detoxify the Vegetable and Vikas D

We expect your cooperation and timely completion of the project.

-urther we assure you that <u>Phoenix</u> Pharma, Aurangabad will provide all facilities required for the successful completion of

Phoenix Pharma, Aurangabad

Regards

SHOP NO. L-8 GROUND FLOOR KASLIWAL PUSHP NAGESHWARWADI AURANGABAD MOBILE NO. 8275945050 EMAIL ID: poenixpharma2020@gmail.com



5. ASSISTANCE FOR PHD RESEARCH WORK

The Teachers pursuing PhD are allowed to use the instrumentation facilities and chemical/glassware required for PhD dissertation is provided. Total 06 teachers are doctorate & 08 teachers are registered for PhD.

List of Teachers who have completed PhD

Sr. No	Name of Teachers	Title of Project	Year	Name of University
1.	Dr. Charushila J. Bhangale	Development and Validation of Few Antiviral Drugs in Bulk and Pharmaceutical Dosage Form	2018	PIMS, Loni
2.	Dr. Anagha V. Baviskar	Antifungal Drug Delivery Based on Solid Lipid Nanoparticles for Skin Targeting	2018	JNTU, Anantpuram
3.	Dr. Ramdas T. Dolas	Design, Development and Evaluation of Gastro Retentive Dosage Form	2018	JNU, Jodhpur
4.	Dr. Sachin B. Somwanshi	Development and Evaluation of Novel Polyherbal Vesicular Drug Delivery System of Sesamum Indicum L.	2019	Shri JJTU, Jhunjhunu
5.	Dr. Kiran B. Kotade	Studies on the evaluation of Antiulcer Potential of Gymnosporia Montana Fruit in Albino Rats	2019	Shri JJTU, Jhunjhunu
6.	Dr. Viviekanand A. Kashid	Amorphous Solid Dispersion for poorly water soluble drug delivery	2020	Bundelkhand University, Jhansi



List of Faculty Members Registered for PhD

Sr. No	Name of Teacher	Title of Project Ye		Name of University
1.	Mr. Kiran B. Dhamak	and Biological evaluation of 2017		Shri JJTU, Jhunjhunu
2.	Mr. Vinayak G. Gaware	Biological Active Scaffolds for 20		Shri JJTU, Jhunjhunu
3.	Mr. Rahul D. Khaire	Development of Stability Indicating Analytical Methods for the some APIS and their Dosage Forms	2018	SPPU, Pune
4.	Ms. Kaveri T. Vaditake	Analytical and Bioanalytical Methods for Assay of selected Beta Blockers and its Combination from Pharmaceutical Formulations	2019	NMU, Jalgaon
5.	Mr. Sandip G. Laware Polyherbal formulation and evaluation for anti-inflammatory activity of some endogenous plants		2019	NMU, Jalgaon
6.	Mr. Mayur T. Gaikar	Evaluation of Synergistic effect of Camelia Sinesis and Trachyspermum Ammi for antioxidant, anti inflammatory and anti bacterial activity	2019	PIMS, Loni
7.	Mr. Vikas D. Kunde Formulation and Evaluation of Pesticide Residue Solution to Detoxify the Vegetable and Fruits		2020	NMU, Jalgaon
8.	Mrs. Sangita N. Bhandare	Pharmacological Screening		NMU, Jalgaon





6. RESEARCH PUBLICATIONS

Faculty members published research papers in UGC, Scopus, Pubmed and Web of science indexed journals.

LIST OF JOURNALS NOTIFIED ON UGC WEBSITE					
Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	
Research of Herbal Capsule for Diabetes Type-2	Charushila J.Bhangale, Anagha V.Baviskar, Jyoti B. Chavan, Mayuri K. Lonare	International Journal of Creative Research Thoughts	2020; 8(10): 371-378	ISSN: 2320-2882	
Ultra Performance Liquid Chromatography An Advanced Analytical Tool	Charushila J.Bhangale, Pooja Sangale	International Journal of Creative Research Thoughts	2020; 9(5): d76-d88	ISSN: 2320-2882	
Corona Virus a Dread to the World	Charushila J.Bhangale, Rekha Shivaji Darade	International Journal of Creative Research Thoughts	2020; 9(5): c988-c996	ISSN: 2320-2882	
Analytical Method Validation of Vitamin-A Acetate In Sunflower by Liquid Chromatography Method (RP- HPLC)	V A Kashid, S N Bhandare, Chavanke Priyanka	International Journal of Creative Research Thoughts	2020; 8(10): 2571-2581	ISSN: 2320-2882	
A review on tablet splitting/ scoring/breakline or breakmarks: Compiled information on patients need, splitting techniques & Regulatory requirements	Vivekanand Kashid	Kala Sarovar	2020; 23(1): 15-22	ISSN: 0975-4520	

Development and Validation of HPLC Method To Estimate Glimepiride And Uv Spectrophotometric Method To Estimate Teepol For Cleaning Validation Study	Ramdas Dolas, Priya Patil, Rahul Khaire, Pradip Patil,	The International journal of analytical and experimental modal analysis	2020; XII(X): 338-346	ISSN NO: 0886-9367
Microwave assisted synthesis and in-vitro anticancer activity of Some novel pyrimidine derivatives	Vinayak M.Gaware	The International journal of analytical and experimental modal analysis	2020; XII(VIII): 2348- 2360	ISSN NO: 0886-9367
Microwave assisted synthesis and anti- depressant activity of Substituted indole derivatives	Vinayak M.Gaware	The International journal of analytical and experimental modal analysis	2020; XII(VIII): 2361- 2372	ISSN NO: 0886-9367

LIST OF SCOPUS, WEB OF SCIENCE, PUBMED & RESEARCH GATE INDEXED JOURNALS

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
Valiated stability indicating RP-HPLC method for the determination of phenozone and lidocaine HCL in bulk and dosage form	Charushila J Bhangale, Shivanand Hiremath	International Journal Pharmaceutical Chemistry and Analysis	2020; 7(4): 172-178	Print ISSN:- 2394- 2789, Online ISSN:- 2394-2797
Development of HPLC method for the estimation of Andrgrapholide from Arjuna Tablet	Ramdas Dolas, Vanana Aher, Priyanka Ghumare	Aisan Journal of Pharaceutical Analysis	2021; 11(2): 1-3	ISSN 2231– 5667 (Print), 2231– 5675 (Online)

To Develop and Validate RP-HPLC Method for Dabigatran Etexilate Mesylate in Bulk and Tablet Form	Kiran B. Dhamak, Pranali P. Kalyankar, Mayur T. Gaikar, Charushila J. Bhangale,	International Journal of Pharmacy and Pharmaceutical Research	2020; 19(1): 429-452	ISSN: 2349-7203
Herbal Medicines Useful In Treatment Of Covid-19	Somwanshi S. B., Pranali Awhad, Dr. Bhangale C. J. and Dr. Kashid V. A.	World Journal of Pharmaceutical Research	2020; 9(7): 653-661	ISSN 2277– 7105
LIST OF OTHER IN	DEXED JOURNAL	S		
Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
A review on Process Validation	Ramdas Dolas, Shilpa Sahane	Inter. J. Pharma O2	2020; 2(6): 0368-0376	ISSN: 2582-4708
An Ayurvedic Outlook to "Activated Charcoal Mukha Lepa" (Face Pack) for Beauty care	Sachin B. Somwanshi, Ashwini S, Nagare,	Int. J. Pharm. Natural Med.,	2020, 8(1): 25-30	ISSN: 2321-6743
Research of Herbal Drug for Covid-19 (Corona)	Sachin B. Somwanshi, Anagha Baviskar, Mayuri Lonare, Jyoti Chavan,	International Journal of Medicne Research	2020; 5(4): 27-31	ISSN: 2455-7404
A study on Evaluation of Anthelmintic Activity of Canavalia Ensiformis (Jack bean) pods	Kaveri Vaditke, Ankita Anna kotkar	International Journal of Progressive Research in Science and Engineering	2020; 1(5): 128-132	ISSN: 258 2-7898
Herbal Plants Mentioned In Ayurveda And Traditional Systems Of Medicine For Bruise Treatment: A Review	Roma Mridul Sharma	Panacea Journal of Pharmacy and Pharmaceutical Sciences	2021; 10(1): 47-64	ISSN: 2349-7025



Sample paper published by Teachers

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INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

RESEARCH OF HERBAL CAPSULE FOR DIABETES TYPE-2

Jyoti B. Chavan, Mayuri K. Lonare , Dr. Charushila J.Bhangale, Anagha V.Baviskar

Department of Quality Assurance, Pravara Rural College of Pharmacy (For Women) Chincholi, Nashik 422 103, (MS)
 India - 414111

ABSTRACT:-

A research work of herbal medicines viz. Neem leaf extract (Azadirachtaondica), Nayantara leaf extract (cathantharoseas) and Bitter Melon fruit (monodica charantia)) powder dry and Syzygium Cumini dry powder with the patent dry gliciazide were studied on blood glucose level, hematological parameters heathy adult rats were randomly divided into 5 equal groups namely A,B,C,D and E. One group (groupA) was kept as control. The rest four groups (B,C,D,andE) of rats were treated with gliclazide 4.5mg/kg.bd.wt/day. Neem leaf extract (NtLE)1gm/kg.bd.wt/day. Nayantara leaf (NtLE)1gm/kg.bd.wt/day.bitter melon fruit dry powder (NtLE) 1gm/kg.bd.wt/day. Syzygium cumini (NtLE)1gm/kg.bd.wt/day. The herbal drugs used in the study bitter melon fruit powder was more effective in increasing the body Wt. in comparison with other herbal preparation (NtLE) and (NLE) and Syzygium Cumini from the present study it may be further revealed that although the patent drug. Gliclazide was found to be highly effective, as blood glucose agent, but the efficacy of their different combined.

- KEY WORD :- Herbal medicine, diabetic patients "neem leaf "nayantara leaf "momordica charantia, syzygium cumini.
- <u>INTRODUCTION:</u> Diabetes is a metabolic disorder of carbohydrate fat and protein metabolism which
 is considered as one of the major health problem in the world today. In the year 2000 about 17% million
 people had diabetes and it is estimated that it will increasing up to 366 million. Bitter melon (momordica
 charantia)is a common plant known for its medicinal properties such as anti –inflammatory antidiabetic.
 Cantharanthus roseas linn.is a species of the genus catharanthus in the family Apocynaceae that is used in
 many herbal medicine preparations. Neem is widely used as amdicinal plant for thousand of years. Different
 parts for neem (Azadirachta indica) like neem leaf extract have been shown to posses hypoglycemic effect.

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INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY AN ADVANCED ANALYTICAL TOOL

Pooja Sangale*1 and Dr. Charushila Bhangale1

 Department of quality assurance techniques, Pravara College of Pharmacy, (FOR WOMEN). Chincholi, Nashik, MS, India-422102

Abstract

Ultra Performance Liquid Chromatography (UPLC) takes the advantage of technological strides made in particle chemistry performance, system optimization, detector design and data processing and control. Using sub 2 mm particles and mobile phases at higher linear velocities and instrumentation that operates at higher pressures than those used in HPLC, dramatic increases in resolution, sensitivity and speed of analysis can be obtained. This new category of analytical separation science retains the practicality and principles of HPLC while creating a step function improvement in chromatographic performance. This review introduces the theory of UPLC and summarizes some of the most recent work in the field

Key words: Modern analytical techniques, UPLC, sensitivity



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CORONA VIRUS A DREAD TO THE WORLD

Rekha Shivaji Darade*1. Dr.charushila .J.Bhangale 2

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ABSTRACT

COVID-19 is a biggest threat world is facing now days from its emergence to reappearance of new strains of COVID-19. The viral disease though dreadful vaccine hope and its effectiveness is also a topic of research. Various vaccines are available in market for the treatment of COVID-19. In this article the summary of COVID-19 had been reported with WHO vaccine development and its optimistic use in treatment of COVID-19. Corona viruses (CoVs), enveloped positive-sense RNA viruses, are characterized by club-like spikes that project from their surface, an unusually large RNA genome, and a unique replication strategy. Corona viruses cause a variety of diseases in mammals and birds ranging from enteritis in cows and pigs and upper respiratory disease in chickens to potentially lethal human respiratory infections. Here we provide a brief introduction to corona viruses discussing their replication and pathogen city, and current prevention and treatment strategies. In the context of rapidly increasing outbreaks of COVID-19, proactive steps by long-term care facilities are required to recognize and eliminate potentially infected staff and visitors, actively track potentially infected patients and enforce effective infection prevention and control measures to prevent COVID-19. Scientific researchers conduct numerous clinical trials related to drugs that can be an important strategy because they promote the development of new classes of medicines and I hope these repositioning trials will help to identify alternatives for COVID-19 treatment.

Key words: COVID-19, Treatment, Prevention, Vaccines

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"ANALYTICAL METHOD VALIDATION OF VITAMIN-A ACETATE IN SUNFLOWER BY LIQUID CHROMATOGRAPHY METHOD (RP-HPLC)"

Author - Chavanke Priyanka*, Dr. V A Kashid, Prof S N Bhandare.

PRES'S College Of Pharmacy (For Women), Chincholi Tal: Sinnar, Dist: Nashik

ABSTRACT

A simple, efficient and reproducible RP-HPLC method for the determination of Vitamin A acetate in sunflower oil has been developed and validated. The Chromatographic Separation was carried out on C18 Column (inertsil ODS) column using the mobile phase consists of Methanol: Acetonitrile (70:30). The mobile phase was flowed at the rate of 1.0 ml/min and effluent was detected at 325 mm. The retention times of Vitamin A acetate was 2.928 min. The method was validated according to ICH guidelings of the secretaria for system suitability, specificity, linearity, precision, robustness and ruggedness were not in all cases. The method was linear in the range of 0.05-10 ppm of the operating concentration of Vitamin A acetate (r22 10298). The percentage relative standard deviation for Intermediate precision was found to be less than 2.0 acceptable of the percentage relative standard deviation for Intermediate Vitamin A acetate from Sunflower oil.

Introduction:

Vitamin A Acetate or Retinol and derivatives of retinol that play an essential role in metabolic functioning of the retina, the growth of and differentiation of epithelial tissue, the growth of bone, reproduction, and the immune response. Dietary vitamin A is derived from a variety of carotenoids found in plants. It is enriched in the liver, egg yolks, and the fat component of dairy products. Retinyl acetate (retinol acetate, vitamin A acetate) is a natural form of vitamin A which is the acetate ester of retinol. Vitamin A is critical for vision as an essential component of rhodopsin, a protein that absorbs light in the retinal receptors, and because it supports the normal differentiation and functioning of the conjunctival membranes and comea. Vitamin A also supports cell growth and differentiation, playing a critical role in the normal formation and maintenance of the heart, lungs, kidneys, and other organs. It has potential

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A REVIEW ON TABLET SPLITTING/ SCORING/BREAKLINE OR BREAKMARKS:

COMPILED INFORMATION ON PATIENTS NEED, SPLITTING TECHNIQUES & REGULATORY REQUIREMENTS

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ABSTRACT

Tablets intended for oral administration are the most common pharmaceutical dosage form. Tablet splitting is often used in pharmacy practice in regulated and emerging markets like Europe, United States. To split tablets for a variety of reasons, includes adjusting the dose, ease of swallowing (for paediatrics and geriatrics) and to save money. There are possible safety issues, especially when tablets are not scored or evaluated for splitting. Regulatory authorities and Pharmacopoeial standards providing recommendations for functional scoring on solid oral dosage form products to ensure the quality scored tablet to developed criteria by which scored tablets can be evaluated. A tablet included variations in the tablet content, weight, disintegration or dissolution, which can affect how much drug is present in a split tablet and available for absorption. In addition, there may be stability issues with splitting tablets. Keywords: tablet splitting, split methods, WHO regulatory requirements scored tablet

INTRODUCTION

Tablets are uncoated or coated solid dosage forms prepared by single or multiple compression of powders or granules. Tablets are normally rigid circular solid cylinders, the end surfaces of which are flat or convex and the edges of which may be bevelled may have lines or break marks (scoring). The practice of tablet splitting is a way to reduce prescription medication costs has become increasingly prevalent. The European Pharmacopoeia (EP), The International Pharmacopoeia, World Health Organization (WHO) and US Food and Drugs Administration (FDA) provides requirements for subdivision accuracy of scored tablets.

The score line or break line can be used to facilitate the splitting of the tablet into fractions when less than a full tablet is desired for a dose. Although there are EU, USFDA, WHO standards or regulatory requirements that specifically address scoring of tablets. Presence of score line or break line ensures that the patient is able to adjust the dose, by breaking the tablet. The European Pharmacopoeia (EP), The International Pharmacopoeia, World Health Organization (WHO) and US Food and Drugs Administration (FDA) set the requirements on scored tablets by which a scored tablet's characteristics will be evaluated for dosage amount, safe to handle, adequate stability, should meet the same finished-product testing requirements as for a whole-tablet.

It is not recommended to break non scored tablets.

LITERATURE REVIEW/ GUIDANCE REVIEW:

PATIENTS NEED:

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DEVELOPMENT AND VALIDATION OF HPLC METHOD TO ESTIMATE GLIMEPIRIDE AND UV SPECTROPHOTOMETRIC METHOD TO ESTIMATE TEEPOL FOR CLEANING VALIDATION STUDY

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APIs / cleaning agents / micro-organisms / other material (e.g. air-borne particles, dust, lubricants, raw materials, intermediates, auxiliaries). In many cases, the same equipment may be used for processing different products. To avoid contamination adequate cleaning procedures are essential. This is an accurate method for the potent drugs which may contaminate the other product / material by improper cleaning method. This method is developed and validated by using HPLC and UV spectrophotometer for determination of traces of API (Glimepiride IP) that is one of the potent drugs and Cleaning agent (Teepol) in Swab samples. Texwipe TX714A Swab Stick is used for development and validation. For Glimepiride Mixture of Acetonitrile: 0.1 % w/v Monobasic Sodium Phosphate buffer of pH 2.1 with OPA (50:50, w/v) is used as mobile phase. By using 10 ppm glimepiride solution as standard and different concentrations of sample is used to determine linearity, accuracy by recovery, method precision on HPLC. For Teepol, water is used as blank and different concentrations of sample is used to determine Linearity, accuracy by recovery, method precision on UV. This method is simple, precise, accurate, less time and less solvent consuming.

Key Words -Cleaning Method Validation, Glimepiride, Teepol, HPLC, UV, Linearity, Accuracy by recovery, Method Precision.

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MICROWAVE ASSISTED SYNTHESIS AND IN-VITRO ANTICANCER ACTIVITY OF SOME NOVEL PYRIMIDINE DERIVATIVES

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ABSTRACT

The concept of research involved in this is directed towards the development of novel heterocyclic compounds for their anti-cancer activity. A series of some new pyrimidine derivatives were synthesized via the reaction of acetophenone with substituted aldehydes in presence of ethanol and potassium hydroxide further treated with guanidine hydrochloride by using microwave assisted technique. All these compounds were characterized by means of their IR, ¹H-NMR spectra, TLC, physical constants and elemental analysis. The pyrimidine derivatives were evaluated for their in-vitro anticancer activity by onion root tip assay, potato disc assay and Tryphan blue assay. The cyclophosphamide used as standard drug. When these synthesized compounds were evaluated for their potent anticancer activity some of them were found to possess significant anticancer activity.

Keywords: Pyrimidines, cyclophosphamide, in-vitro anticancer activity.

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MICROWAVE ASSISTED SYNTHESIS AND ANTI-DEPRESSANT ACTIVITY OF SUBSTITUTED INDOLE DERIVATIVES

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ABSTRACT

Indole represents one of the most important heterocyclic rings which provide privileged scaffolds in drug discovery. Indole derivatives and its pharmacological significance provide tremendous opportunities to discover novel drugs with different modes of action. Lots of synthetic drugs have been synthesized and found to be promising antimicrobial, anticonvulsant, anticancer, and anti-diabetic agents. Indoles are both naturally occurring and synthetic exhibit wide ranging biological activity. Unusual and complex molecular architecture occur among their natural derivatives. Thus for this we have tried to synthesize some novel indole derivatives by using microwave technique and screened for antidepressant activity.

Key words: Indole, antidepressant, antimicrobial, anticancer, anti-diabetic

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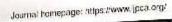


International Journal of Pharmacoutical Chemistry and Analysis, 2020;7(4):172-178

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International Journal of Pharmaceutical Chemistry and Analysis





Original Research Article

Validated stability indicating RP-HPLC method for the determination of phenazone and lidocaine hydrochloride in bulk and dosage form

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PRES' S College of Prormacy(For Bonnen), Chincholi, Fashik, Maharushtra, Irolia



ARTICLE INFO

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Keywords: Phonozone Lidocaine hydrochloride Lidophen ear drop Method development and validation Stability indicating

ABSTRACT

The objective of the present work is to develop a simple, precise, accurate, validated stability indicating RP-HPLC method for the determination of Phenazone and Lideonine hydrochloride in bulk and tablet dosage form The HPLC superation was soldered on Agilent TC C18 (2) 250 x 4.6 mm, 5 μ column using mahile phase composition of phosphate huffer pH 2.5, acctonizable, Methanol 50:20:10 (V/V/V). Flow rate was meintained at 1.5 mbm nat an ambient temperature. Quantification was achieved with ultraviolet detection at 230 mm. The retention time obtained for Lidecaine hydrochloride was at 7.2 mm of and Phenazone was at 10.1 min. The result obtained with the detector response was found to be ligear in the concentration range of 50-150 µg/ml for Prenazons and 10-70 µg/ml for Lidocaine Hydrochloride. The reliability and analytical performance of the proposed methods, including finearity, range, precision, accuracy, detection and quantitation limits, were statistically validated. When of Pheonzone and Lidocaine hydrochloride was subjected to a fferent stress conditions; the proposed methods could effectively separate the drug from its degradation products, text were thus considered as good stability-indicating procedures. It is concluded that this method can be applied for routine quality control of Phonagone and Lidocaine Hydrochloride in dasage forms as well as in bulk drug.

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1. Introduction

Phenazone (INN; also known as phenazon, antipyrine (USAN), or analgesine) is an analgesic, a non-steroidal anti-inflammatory drug and an antipyretic.1 It is formed by reducing diortho-dinitrodiphenyl with sodium amalgam and methyl alcohol, or by heating diphenylene-orthodihydrazine with hydrochloric acid to 150 °C. Phenazone contains not less than 99.0 per cent and not more than the equivalent of 100.5 per cent of 1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one calculated with reference to the dried substance.2 Antipyrine is an analgesic and antipyretic that has been given by mouth and as ear drops. Antipyrine is often used in testing the effects of other drugs or diseases on drug-metabolizing

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enzymes in the liver.3 Lidocaine is an amine-amide local anosthetic, chemically known as 2-(diethyl-amino)-N-(2,6dimethylphenyl)-acetamide(Figure 1). 4 Lidocaine stabilizes the neuronal membrane by inhibiting the ionic fluxes required for the initiation and conduction of impulses, thereby effecting local anesthetic action.5

Literature survey revealed, few analytical methods which include UV-spectrophotometric methods, 6-10 liquid chromatographic methods 11-16 have been reported for estimation of PNZ. However, to our knowledge, no information related to the stability-indicating HPLC determination of PNZ in pharmaceutical dosage forms has ever been mentioned in literature. According to the stability test guidelines issued by ICH, 17,18 in the present study the stress induced stability studies were carried out for PNZ and LID to establish its stability characteristics. Hence, an attempt has been made to develop an accurate, specific

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RESEARCH ARTICLE

Development of HPTLC Method for the Estimation of Andrgrapholide from Arjuna Tablet

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ABSTRACT:

A simple, rapid, selective and quantitative HPTLC method has been developed for determination of Andrographolide in Arjuna extract and Arjuna tablet formulation. The alcoholic extract of Terminalia Arjuna and its ayurvedic formulation-Himalaya Arjuna tablet samples were applied on TLC Aluminium plate pre-coated with Silica gel60 GF254 and developed using Toluene: Methanol (4:3) v/v as a mobile phase. Quantification was carried out densitometrically using an UV detector at wavelength of 254 mm. The results obtained complies the limit of assay as per LP.

KEYWORDS: Arjuna, Arjuna tablet, Andrographolide, TLC, HPTLC.

INTRODUCTION:

Terminalia arjuna is a tree of the genus Terminalia. It is commonly known as Arjuna [1] or arjuna tree. The arjuna grows to about 20-25metres tall; usually has a buttressed trunk, and forms a wide canopy at the crown, from which branches drop downwards. It has oblong, conical leaves which are green on the top and brown below; smooth, grey bark; it has pale yellow flowers which appear between March and June; its glabrous, 2.5 to 5cm fibrous woody fruit, divided into five wings, appears between September and November. 1.3 The arjuna vas introduced into siddha by saint Agastiyar through his prose Gunavakatam and in Ayurveda as a treatment for heart disease by Vagbhata (c. 7th century CE).3 It is traditionally prepared as a milk decoction.4

In the Ashtānea Hridayam, but was also mentioned in many ancient Hindu vedas, and was a known practice for thousands of years, passed down by tradition, before vagbhata mentioned it in his writings. Vagbhata mentions arjuna in the treatment of wounds, hemorrhages and ulcers, applied topically as a powder. The plant contains various Phytoconstituent like tannins. cardenolide, triterpenoid saponins (arjunic acid, arjunolic acid, arjungenin, arjun glycosides), flavonoids (arjunone, arjunolone, luteolin), gallic acid, ellagic acid, oligomeric proanthocyanidins (OPCs), phytosterols, magnesium, zinc, and copper.

With increasing demand for herbal products in medicines and cosmetics there is an urgent need for standardization. So the aim of the work is to develop a simple, rapid, selective and cost effective HPTLC method for the quality evaluation of herbal products containing Andrographolide in tablet formulation.





Human Journals

Research Article

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To Develop and Validate RP-HPLC Method for Dabigatran Etexilate Mesylate in Bulk and Tablet Form



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Keywords: HPLC, Dabigatran Etexilate Mesylate, validation, stability studies

ABSTRACT

A simple, precise, accurate, economical and reproducible RP-HPLC method for estimation of Dabigatran Etexilate Mesylate in capsule dosage form has been developed. Quantitative HPLC was performed with HPLC Binary Gradient System using software HPLC workstation, model no. HPLC 3000 series, and company Analytical Technologies Ltd. with UV-Visible -3000m detector using column Grace C31×4.6ID, particle size: 5 micron. The mobile phase used in study was methanol: water (90:10). The condition optimized were flow rate of 0.8ml/min, column temperature was maintained at room temperature. Retention time was found to be 4.8 min. The linearity was found to be in the concentration range of 10-50 µg/ml. The developed method was evaluated in the assay of commercially available capsules Paradaxa containing Dabigatran Etexilate Mesylate. The amount of drug in capsule was found to be 75mg. Results of analysis were validated statistically and by recovery studies. The recovery studies 96.67 % was indicative of the accuracy of proposed method. The precision studies were carried out the Interday precision and intraday precision was found to be 0.08% and 0.07%. The Limit of detection and limit of quantitation was found to be 0.51 µg/ml and 1.54µg/ml. The robustness of the method was studied. The stability studies of drug was also been carried out.





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Review Article

HERBAL MEDICINES USEFUL IN TREATMENT OF COVID-19

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ABSTRACT

The novel corona viral infection is caused by severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2), It is a respiratory infection affects the functioning of lungs. It can be spread through physical contact between peoples. Proper care and social distancing are the most important parameter for controlling of COVID-19 infection. The symptomatic relief from cough, cold, fever and soar throat are the only way to treat patients with positive COVID-19. Herbal drugs originated from natural origin having less side effects can prove to be effective in treatment of COVID-19 infections. Immunomodulatory drugs, antioxidants can be proved effective for the treatment of COVID-19.



1.0 INTRODUCTION

The novel coronavirus disease 2019 (COVID-19), caused by the Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2), is in the midst of world wide panic and global health concern since December 2019. As of March 26th, 2020, the World Health Organization (WHO) has reported that 416,686 and 18,589 death cases have been confirmed worldwide, and it has spread to 197 countries.[1] With this emerging battle against this deadly virus, the WHO has strategized to interrupt human-human contact, isolate patients at early stages, identify and reduce transmission from the animal source, address crucial mysteries about the virus and accelerate research minimize the social and economic impact. At this juncture, it is tremendously vital to understand the basic mechanism of the virus to develop specific drugs. Currently, it has been established that SARS-CoV-2 shares sequence homology with the SARS-CoV and a bat coronavirus. [2] Despite its similarity to SARS-CoV, its transmission efficiency and diagnostic

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7. TOTAL NUMBER OF SEMINAR/ WORKSHOP/ CONFERENCE ATTENDED BY TEACHERS:

A. ATTENDED INTERNATIONAL LEVEL CONFERENCES/ SEMINAR/ WORKSHOP/ WEBINAR/ FDP 2020-2021

Sr. No	Name of Teacher	Name of Seminar/ Conference/ Workshop	Organized by	Place	Date
1.	Dr. Kiran B. Kotade, Dr. Sachin B. Somwanshi and Ms. Kaveri. T. Vaditake	International FDP on Digital tools for Researchers	Hindustan College of Arts and Science, Coimbatore, TM	Online	20/07/202 0 to 24/07/202 0
2.	Dr. Sachin B. Somwanshi	International Conference on Current Trends in Pharm Industry	MM University, Ambala in Association with IPA, HP Branch and Society of Pharmaceutical Science and Research	Online	11/07/202 0 to 12/07/202 0
3.	Dr. Kiran B. Kotade and Dr. Sachin B. Somwanshi	IPA sponsored International Online conference on Pharmacovigilance and Clinical Research	Ashokrao Mane college of Pharmacy, Pethvadgaon	Online	01/08/202 0 & 02/08/202 0
4.	Dr. Sachin B. Somwanshi	International Webinar under FDP on Stability testing for Drug Substances and Drug Products	Rajarambapu College of Pharmacy, Kasegaon, Sangali	Online	06/08/202 0 & 08/08/202 0
5.	Dr. Charushila J. Bhangale, Dr. Ramdas Dolas, Dr. V.A. Kashid, Dr. Sachin B. Somwanshi, Ms Kaveri T. Vaditake	International FDP n Evolution in Teaching, guiding values in learning and social Understanding through research	Dr.M.S. Gosavi college of Pharmaceutical Research-IPA Nashik branched sponsored	Online	15/09/ 2020 to19/9/20 20

B. ATTENDED NATIONAL LEVEL CONFERENCES/ SEMINAR/ WORKSHOP/ WEBINAR/ FDP 2020-2021

Sr. No	Name of Teacher	Name of Seminar/ Conference/ Workshop	Organized by	Place	Date
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1	Dr. S.B. Somwanshi	One week FDP on "Problem Based Learning"	JSPM's Rajarshi Shahu College of Engineering, Pune	Online	1 st to 5 th June 2020
2	Dr. S.B. Somwanshi	One week FDP on Modern Teaching and Evaluation and Research Methods	Under UGC Scheme STRIDE by Vinayakrao Patil Mahavidyalay, Vaijapur	Online	2 nd to 7 th June 2020
3	Dr. S.B. Somwanshi	one day orientation programme on "student and Teacher relations: a online paradigm"	A.P.A. College of Arts and Culture, Palani & Unnat Bharat Abhiyan	Online	5 th June 2020
4	Dr. S.B. Somwanshi	Four Week Online FDP (MOOC) on effective use of ICT tools in Teaching-Learning	Modern College of Pharmacy, Pune and APTI, New Delhi	Online	8 th June to 7 th July 2020
5	Dr. C. J. Bhangale Dr. V. A. Kashid Dr. K. B. Kotade Dr. R. T. Dolas	One Week e-FDP on Pharmaceutical Product Development: Challenges and Opportunities	Dr. H.L. Hiranandani COP, Ulhasnagar, Kokan Gyanpeeth Rahul Dharkar COP and Research Institute, Karjat in collaboration with IPA & APTI	Online	15 th to 19 th June 2020
	Dr. S.B. Somwanshi Dr. K. B. Kotade	Seven days FDP on Institutional Benchmark on Best Practices	Shree Mallikarjun & Shri Chetan Manju Desai College, Canacona	Online	8 th to 14 th June 2020
6	Dr. S.B. Somwanshi	Online Workshop and One Week National Faculty Development Programme on "Moodle Learning Management System"	Spoken Tutorial, IIT Bombay, remotely at Hindusthan College of Arts and Science, Coimbatore, Tamilnadu	Online	10 th to 16 th June 2020
7	Dr. S.B. Somwanshi	"Two Days National Level Webinar - Share Trading Techniques and Opportunities in Covid - 19 Situation"	Terf's Academy, College of Arts and Science, Koduvai, Titapur	Online	17th & 18th June, 2020
8	Dr. S.B. Somwanshi	Intellectual Property Rights	SVNHT's, COP, Rahuri	Online	19 th to 20 th June 2020

		and Innovation			
		Management			
9	Dr. S.B. Somwanshi	Two days Workshop on ICT & LMS Tools	Odd-Partikle, Inquire Hub	Online	27 th to 28 th June 2020
10	All Teaching faculty	one week e-FDP on Pharmaceutical Product Development organized by IPA and APTI and hosted by	Dr. L.M. Hiranandani College of Pharmacy, Mumbai and Kokan Gyanpeeth, Karjat	Online	15/06/2020 to 19/06/2020
11	Dr. Sachin B. Somwanshi	One week National Level FDP on E- Contents and ICT Tools	KS Jain Institute of Engineering and Technology, Ghaziabaad	Online	15/07/2020 to 21/07/2020
12	Dr. Sachin B. Somwanshi	One week AICTE Sponsored STTP on "Orientation and Pedagogy for Curriculum:	SKB College of Pharmacy, New Kamptee, Nagpur	Online	13/07/2020 to 18/07/2020
13	Dr. Sachin B. Somwanshi	APTI sponsored Four Week FDP (MOOC) on Effective use of ICT tools in teaching-Learning	Modern College of Pharmacy, Pune	Online	08/06/2020 to 07/07/2020
14	Dr. Sachin B. Somwanshi	AICTE sponsored E-conference on Quality Analysis in Herbal Drug Research	Rajarambapu College of Pharmacy, Kasegaon, Sangali	Online	03/08/2020 & 04/08/2020
15	Dr. Sachin B. Somwanshi	UGC Stride sponsored National level Entrepreneurship Development Programme on Starting a business in India		Online	05/08/2020 & 06/08/2020
16	Dr. Charushila Bhangale and Dr. Vivekanand A. Kashid	One week AICTE Sponsored STTP on "Orientation and Pedagogy for Curriculum: Good Teaching Practices" Batch C	SKB College of Pharmacy, New Kamptee, Nagpur	Online	03/08/2020 to 08/08/2020
17	Dr. Sachin B. Somwanshi	ATAL-AICTE Academy sponsored online	SVNIT, Surat	Online	10/08/2020 to 14/08/2020

		FDP on "Blended Learning and Flipped Classroom"			
18	Dr. Sachin B. Somwanshi	Attended GUJCOST and DST Sponsored National e- Seminar on The Herbal drugs approach to Covid-	School of Pharmacy, ITM Baroda University, Vadodara	Online	04/11/2020
19	Dr. Sachin B. Somwanshi	AICTE_One week online_STTP	Gurunanak College of Pharmacy, Nagpur	Online	14/12/2020 to 19/12/2020

C. ATTENDED STATE LEVEL CONFERENCES/ SEMINAR/ WORKSHOP/FDP 2020-2021

2020	2020-2021						
Sr. No	Name of Teacher	Name of Seminar/ Conference/ Workshop	Organized by	Place	Date		
1	Dr. C. J. Bhangale Dr. V. A. Kashid Dr. K. B. Kotade Dr. R. T. Dolas Mr. K.B. Dhamak Dr. S.B. Somwanshi Mrs. S.N. Bhandare Mr. M. T. Gaikar Mr. S. G. Laware	Webinar on Topic: "Scope Of Clinical Research And Associated Domains"	PRES's, College of Pharmacy (For Women), Chincholi, Nashik in Association with CLINI INDIA	Online	12/06/2020		
2	Dr. C. J. Bhangale Dr. V. A. Kashid Dr. K. B. Kotade Dr. R. T. Dolas Mr. K.B. Dhamak Dr. S.B. Somwanshi Mrs. S.N. Bhandare Mr. M. T. Gaikar Mr. S. G. Laware	LIVE WEBINAR on "STRATEGY FOR GPAT AND NIPER PREPARATION"	PRES's, College of Pharmacy (For Women), Chincholi, Nashik in Association with PHARMA ELITE	Online	13/06/2020		

D. ATTENDED UNIVERSITY LEVEL CONFERENCES/ SEMINAR/ WORKSHOP 2020-2021

Sr. No	Name of Teacher	Name of Seminar/ Conference/ Workshop	Organized by	Place	Date
1	Dr. Vivekanand A.	Syllabus Orientation	Modern	Online	10/07/2020

	Kashid,	Programme_Pharmace	College of		
	Dr. Ramdas T.	utics Department	Pharmacy,		
	Dolas,		Pune		
	Dr. Sachin B.				
	Somwanshi,				
	Dr. Anagha V.				
	baviskar,				
	Mr. Vikas D. Kunde				
2	Mr. Sandip G. Laware	Syllabus Orientation Programme_Pharmaco gnosy Department	SPPU, Pune	Online	02/07/2020



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8. SEMINAR/WORKSHOP/CONFERENCE ORGANIZED AT COLLEGE:

College has organized workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR) and Entrepreneurship which helps teachers as well as students to interact with industrial experts, get current upgrades of pharmacy in industry.

X 7	N	Number of	Date:
Year	Name of the Workshop/ Seminar	participants	From – To
	National level webinar on "Scope of Clinical Research and associated Domains"	132	12/06/2020
	Webinar on "Current Industrial Perspectives for B Pharm students in Production Area"	100	07/07/2020
	Workshop on "Entrepreneurship Development"	100	13/07/2020
	Webinar on "Career insights on Drug Regulatory Affairs"	66	25/07/2020
	Webinar on "Research Methodology"	64	27/07/2020
	Webinar on "Overview session on Campus to Corporate"	100	08/08/2020
2020-21	Webinar on "Entrepreneurship And Innovation"	100	25/08/2020
	National level webinar on "HPTLC: Technique and Pharma application"	242	08/09/2020
	National level webinar on "Demonstration of Minitab and Design Expert software for optimization using case study"	75	17/09/2020 to 18/09/2020
	National level webinar on "Career in competitive exam for graduate students"	315	23/09/2020
	National level webinar on "Life style with and after Covid 19"	426	25/09/2020
	Webinar on "Career Trends in Clinical Research and Clinical Data Analytics"	89	09/10/2020

Workshop on "Skill, Entrepreneurship Development and Employability"	90	09/12/2020
Workshop on "Clinical Trials and Data analytics Conducted"	94	04/01/2021 to 07/01/2021
Training Session on "Career and employability skill enhancement programme"	60	28/01/2021 to 06/02/2021
Webinar on "Importance of Profession Ready Training And Placement Program"	73	05/04/2021



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9. GUEST LECTURE ORGANIZED:

Guest lecture on various topics were organized for students as well as faculties.

GUEST LECTURES 2020-2021

Sr. No	Date	Class	Name of Lecturer	Topic covered
1.	13/06/2020	B. Pharm	In association with	Live webinar on "strategy
		and M.	Pharma Elite	for GPAT and NIPER
		Pharm		preparation"
2.	09/07/2020	B. Pharm	Ms. Jignesha Mhatre,	Preparation of GPAT
3.	09/07/2020	B. Pharm	Ms. Suvarna Gite,	Opportunities in R&D
				department
4.	13/07/2020	B. Pharm	Ms. Manisha Bhadange,	Opportunities for B. Pharm
			Health Officer,	Students in Foreign
			Department of	
			Pharmacy, Dubai	
5.	27/07/2020	B. Pharm	Ms. Sharayu Jadhav, RJ,	Personality Development
			Akashvani Kendra,	and Motivation through
			Nashik	Different Theory
6.	12/08/2020	B. Pharm	Ms Dishanti Shah	Opportunities for B. Pharm
		Vth & VII		Students in Foreign
		Sem		
7.	19/10/2020	B. Pharm	Dr. Nilofer Sayyad,	Webinar on "Tips of
		and M.	Director, Rehoboth	Manuscript Writing"
		Pharm	Health Solution,	
			Mumbai	



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10. MOU'S/ COLLABORATION:

College have 15 functional MoUs with industry/institute to promote research culture in the college.

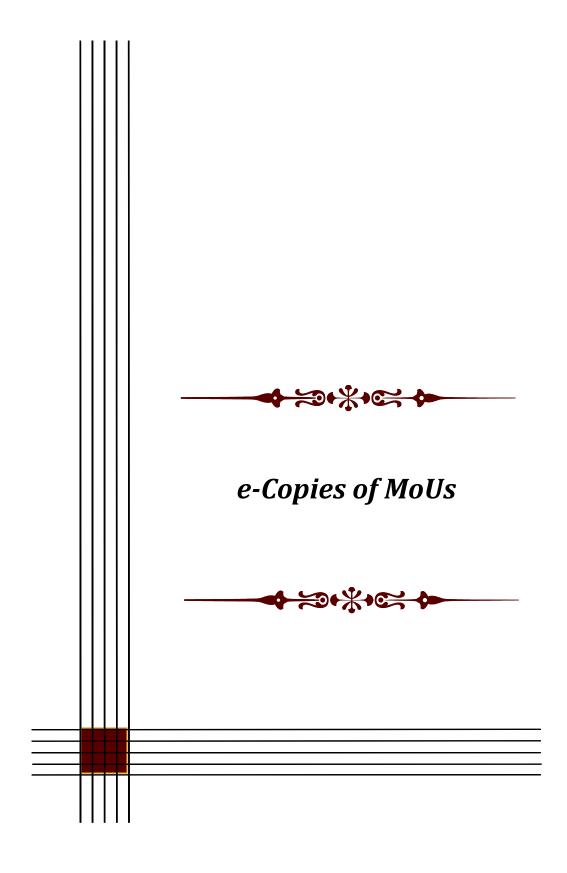
LIST OF FUNCTIONAL MOUS WITH CONTACT DETAILS (2020-21)

Sr. No	List of Partnering Agency	Contact Details
1.	Adora Products Pvt. Ltd, Waluj, Aurangabad	Adora Products Pvt. Ltd, Waluj, Aurangabad Contact Person: Mr. Anand Nagapurkar Contact No. 0240-2556650 www.adorapharma.co.in
2.	Glenmark Pharmaceutical Ltd., Satpur, Nashik	Glenmrk Pharmaceutical Ltd., Malegaon, Nashik Contact Person: Mr. Prashant Samnekar Contact No. 02551-660222/260 www.glenmarkpharma.com
3.	Genom Biotech Pvt. Ltd., Sinnar, Nashik	Genom Biotech Pvt. Ltd., Sinnar, Nashik Contact Person: Mrs Arati Joshi Contact No. 02551-230461/2 www.genomworld.com
4.	Gokhale's, Advanced Traing Institute, Jalgaon	Gokhale's, Advanced Traing Institute, Jalgaon Contact Person: Mr. Devdatta C. Gokhale Contact No. 9822770904 devdatta.gokhale@gmail.com
5.	Kite Ai Technology Pvt. Ltd, Pune	Kite Ai Technology Pvt. Ltd, Pune Contact Person: Mr. Piyush Rajput Contact No. 7385 518324 www.kite-ai.com/
6.	Kunde Dairy Farms Pvt. Ltd, Sinnar	Kunde Dairy Farms Pvt. Ltd, Sinnar Contact Person: Mr. Janak Kunde Contact No. 7057060250 kundedairyfarm@gmail.com
7.	N V Pharma, Sinnar, Nashik	N V Pharma, Sinnar, Nashik Contact Person: Mr. Narendra Hegde Contact No. 02551 230248 www.nvpharma.net
8.	RAP Analytical Research and Training Center, Nashik	RAP Analytical Research and Training Center, Nashik Contact Person: Mr. Rohan Pawar Contact No. 7666406674 www.rapanalytical.com
9.	Rubicon Training Center, Pune	Rubicon Training Center, Pune Contact Person: Mr. Pravin Kumar <u>www.my-rubicon.com/</u>
10.	Rural Hospital Dodi, Sinnar, Nashik	Rural Hospital Dodi, Sinnar, Nashik Contact Person: Mr. V. S. Bodke

11.	Sanpras Healthcare Pvt.Ltd, Sinnar	Sanpras Healthcare Pvt.Ltd, Sinnar Contact Person: Mr. Santosh Mutkule Contact No. 9420483533 www.sanpras.in
12.	SHODH Advantech LLP, Aurangabad	SHODH Advantech LLP, Aurangabad Contact Person: Mrs. Rajani Mudkavi Contact No. 7447245691 www.shodhlearning.co.in
13.	Smart Chem Plus, Nashik	Smart Chem Plus, Nashik Contact Person: Mr. Santosh Mutkule Contact No. 9420483533
14.	Sir Dr. M. S. Gosavi's College of Pharmaceutical Sciences, Nashik	Sir Dr. M. S. Gosavi's College of Pharmaceutical Sciences, Nashik Contact Person: Dr. Sunil V. Amrutkar Contact No. 9423958076 www.msgpharma.org
15.	Vidisha Analytical, Dwarka, Nashik	Vidisha Analytical, Dwarka, Nashik Contact Person: Mr. Digambar More Contact No. 9763483903 www.vymaps.com/IN/Vidisha-Analytical-Research-And-Training-Center-107086707565016/



Principal
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Tal. Signar, Dist. Nashik 422102







MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Loknete Dr. Balasaheb Vikhe Patil
(Padma Bhushan Awardee)
Pravara Rural Education Society's, College Of Pharmacy (For Women),
Nashik.

&

KITE Ai Technologies Pvt. Ltd. Pune.



MEMORANDUM OF UNDERSTANDING

This Memorandinii of Understanding theremalier called as the 'MOLF') is enleted into on this

BETWEEN

Loknete Dr.Balasaheb Vikhe Patil (Padma Bhushan Awarder) Pravara Rural Education Society's, College Of Pharmacy (For Women), Nashik.

represented herein by its Dr.Charushila Jayant Bhangale, Principal (here in after referred as 'First Purty', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – m-office, administrators and assigns).

AND

KITE As Technologies Pvt. Ltd. (here in after referred to as "Second Party", KITE As Technologies Pvt. Ltd. (www.Lite/ass/mt) company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

1. Industry Update

- · Career webinar / Workshops/ Events / Seminar on trending Industry topics
- · Engaging with Industry Expert virtually or as decided and agreed upon

2. Individual Training -Candidates can join Industry oriented programs which are exclusively offered by KITE-Ai Learning

(A Training initiative of KITE-A: Technologies Pvt. Ltd.)

- Expert in Digital Marketing and Analytics
- Expert in Data Analytics -Clinical Trial Data Analytics
- Expert in Clinical Research Operations/ Clinical data management/ Pharmacovigilance/Medical Coding/Writing
- · Expert in Business Analytics and CRM
- Data Visualization
- · Big data and Hadoop.
- Contract management and IPR

Yorky Lyons,

2.1 Industry Enablement

- Professional Skills and Interview Techniques
- . TTP Tacoby Training Programs (TTT- train the trainer)
- Limid Westing and Business Communication Training
- · Domain and Technical skills Training
- Placement Support and Recruitment.
- Conducting reconstruent drives for internal requirement or client requirement
- Exclusive Placement Support for the candidates opting for KHE-As Learning Programs
- Free profile creation for the students on our K11†.1. IN portal

4. Connect and Networking

- · Conducting Industrial visits in association with our partners
- · Planned I ducational event conferences

5. Strategic Initiatives

 Jointly developing certificate and diploma programs and curriculum review for enhanced learning experience of the students.

First Party and Second Party co-operation will facilitate effective oblization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party also utilizes the infrastructure of the first party for conducting above mention activities.

The terms of such cooperation shall be discussed and agreed upon in writing in an annex to the present agreement by both parties prior to the initiation of any particular program or activity. This agreement shall be effective upon approval by both parties and remain effective for five academic years. (2020-21 to 2024-25) It can be extended by mutual agreement expressed by a written memorandum of understanding. Either party may terminate this agreement by written notice to the other. Such termination will come into effect six mands from the date of the written notice.

LOKNETE DR BAJASAHEB
VIKHEPATIL(PADMA BHUSHAN
AWARDEE) PRAVARA RURAL
EDUCATION SOCIETY'S COLLEGE
OF PHARMACY (FOR
WOMEN) NASHIK.
AT-CHINCHOLI, TAL-SINNAR

NASHIK

KITE-At Technologies Pst. Ltd. AWFIS 3rd Floor, ABIL Square, Amar Atrium, PAN Card Club Road, Baner, Pone, Maharashira - 411045

Aprile & past

assommer.

Dr CJ Bhangale

Principal

Centact Details-9011140176

Mr. Pcyush Rajput CLO & MD

Contact Details - +91-7185 518324

L-Signoture:

Dr. Ramdas Dolas IQAC Coordinator

Contact Details-9657720340

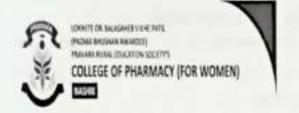
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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

LOKNENTE DR.BAJASAHEB VIKHEPATIL

(PADMA BHUSHAN AWARDEE)

PRAVARA RURAL EDUCATION SOCIETY'S,

COLLEGE OF PHARMACY (FOR WOMEN), NASHIK.

8

KUNDE DAIRY FARMS PRIVATE LIMITED
PL.NO.6+7, S.N.985/1, SAI NAGAR NAYGAON
ROAD, SINNAR,
TAL-SINNAR NASHIK
NASHIK-422103

MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MoU') is entered into on this the 27th of, June, Two Thousand Twenty. (27-06-2020),

BETWEEN

LOKNENTE DR.BAJASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK.

Represented herein by its **DR.MRS.C.J.BHANGALE** (here in after referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

KUNDE DAIRY FARMS PRIVATE LIMITED

PL.NO.6+7, S.N.985/1, SAI NAGAR NAYGAON ROAD, SINNAR, TAL-SINNAR NASHIK NASHIK-422103 ,and represented herein by its Head, Mr. JANAK A KUNDE, (Director) (here in after referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

- A) First Party is a Higher Educational Institution named: LOKNENTE DR.BALASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK.
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;

- E) KUNDE DAIRY FARMS PRIVATE LIMITED, the Second Party is engaged in Business, of milk production & milk products in the fields of agriculture & biotechnology and related fields since 2017.
- F) KUNDE DAIRY FARMS PRIVATE LIMITED, the Second Party is promoted by Mr. JANAK ANIL KUNDE.
- G) Give related information, its branches, and dimensional information about the industry concerned with which the MoU is sworn.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one a not.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive

Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2: SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 Curriculum Design: Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- 2.3 Industrial Training & Visits: Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 Internships and Placement of Students: Second Party will actively engage to help the delivery of the Internship and placement of students

- of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 Enterprunership Development: Both Parties have agreed to carry out the joint enterprunershipguidance camp activities in the fields of agriculture & biotechnology, related activities and services.
- 2.6 Skill Development Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.7 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.8 Faculty Development Programs: Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.10 There is no financial commitment on the part of the LOKNENTE DR.BALASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK. and the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3: INTELLECTUAL PROPERTY

3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4: VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period KUNDE DAIRY FARMS PRIVATE LIMITED, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Training Partner or DMIC Pharma, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party

AGREED:

First Party

LOKNENTE DR.BALASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK

Authorized Signately CIPAL
PRESS Coffege of Pharmacy (For Women)
Chinchol, Sinnar, Nasha-422102.

Thangale

Second Party

KUNDE DAIRY FARMS PRIVATE LIMITED,

Authorized Signatory



LOKNENTE DR.BA&ASAHEI VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURA EDUCATION SOCIETY'S,COLLEGE OF PHARMACY (FOR WOMEN),NASHIK.	LIMITED,
AT-CHINCHOLI, TAL-SINNAR NASHIK.	PLNO.6+7, S.N.985/1, SAI NAGAR NAYGAON ROAD, SINNAR, TAL-SINNAR NASHIK NASHIK-422103
Contact Details-9011140176	Contact Details - 70570 60250
E-mails- pravaracopc@yahoo.co.in	E-mails – Kundedairyfarm@gmail.com
Web - www.wcopcpravara.in	

Witness 1:

Witness 3:

W. S.B. Somondh.

Witness 4:

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



&



N V Pharma, Sinner

2020-21

Date :-15/09/2020

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 15th of September ,Two Thousand Twenty. (15-09-2020).

BETWEEN

Pravara Rural Education Societys, College of Pharmacy Chincholi, (For Women), Nashik..

represented herein by its Dr.Charushila Jayant Bhangale (Principal) here in after referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

N V Pharma Sinner represented herein by its Head,Mr Narendra Hedge (Director) (here in after referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

- A) First Party is a Higher Educational Institution named: Pravara Rural Education Societys , College of Pharmacy Chincholi ,(For Women), Nashik...
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;
- E) N V Pharma Sinner the Second Party is engaged in Production in the fields of Pharmaceutical and related fields.
- F) NV Pharma Sinner the Second Party is promoted by





Mr. Narendra Hedge .

Give related information, its branches, and dimensional information about the industry concerned with which the MoU is sworn

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

- Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one all.
- First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2: SCOPE OF THE Mot-

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 Curriculum Design: Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.





- 2.3 Industrial Training & Visits: Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs/production area// / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 Internships and Placement of Students: Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 Research and Development: Both Parties have agreed to carry out the joint research activities in the fields of Pharmaceuticals related activities and services.
- 2.6 Skill Development Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.7 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.8 Faculty Development Programs: Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.10 There is no financial commitment on the part of the, Pravara Rural Education Society's, College of Pharmacy (For Women), Nashik and the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt





CLAUSE 3: INTELLECTUAL PROPERTY

3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4: VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period NV Pharma Sinner the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Training Partner the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kindin the name of or binding upon the other Party, to pledge the other Party's credit, orto extend credit on behalf of the other Party.





Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party.

Authorized Signatory

Dr.Charushila Jayant Bhangale	Mr.Narendra Hegde (Director)
Pravara hard Sin Ruraly (For Women Educa	ationN V Pharma Sinner.
Society's, College of Pharmacy	Plot No. B - 234, Malegaon MIDC, Tal Sinnar
(For Women), Nashik	Nashik - 422113, Maharashtra, India
A/p-Chincholi,Tal Sinnar ,Nashik.	Plot No. B - 234, Malegaon MIDC, Tal Sinnar Nashik - 422113, Maharashtra, India
Contact Details-9011140176	Contact Details-9227533994





MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



LOKNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S

COLLEGE OF PHARMACY (FOR WOMEN)

NASHIK.

&



Second Floor, Circle Plaza, Sarda Cir, Shingada Talav, Renuka Nagar, Nashik, Maharashtra 422001.



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 15 th of, October, Two Thousand Twenty. (15-10-2020).

BETWEEN

LOKNENTE DR.BAJASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK. represented herein by its DR.MRS.C.J.BHANGALE (here in after referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

RAP Analytical Research and Training Center. Second Floor, Circle Plaza, Sarda Cir, Shingada Talav, Renuka Nagar, Nashik, Maharashtra 422001, and represented herein by its Head, Mr.Rohan Pawar, (Director) (here in after referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

A) First Party is a Higher Educational Institution named:

LOKNENTE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK.

- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for



- advancing their mutual interest;
- E) RAP Analytical, the Second Party is engaged in Business, Skill Development, Education and R&D Services in the fields of Pharmaceutical Validation and related fields.
- F) RAP Analytical, the Second Party is promoted by Mr. Rohan Pawar.
- Give related information, its branches, and dimensional information about the industry concerned with which the MoU is sworn.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one a not.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter





CLAUSE 2: SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 Curriculum Design: Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- 2.3 Industrial Training & Visits: Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 Internships and Placement of Students: Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 Research and Development: Both Parties have agreed to carry out the joint research activities in the fields of Pharmaceuticals related activities and services.
- 2.6 Skill Development Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.7 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house



requirements.

- 2.8 Faculty Development Programs: Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.10 There is no financial commitment on the part of the, Loknete Dr.Balasaheb Vikhe Patil (Padma Bhushan Awardee), Pravara Rural Education Society's, College of Pharmacy (For Women), Nashik and the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3: INTELLECTUAL PROPERTY

3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4: VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period RAP Analytical, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Training Partner the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations



CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party. Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party.



AGREED:

LOKNENTE DR.BAJASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK.

PRINCIPAL

PRES's College of Pharmacy (For Women), Chineholi, Sinner/Nashis-122102

Authorized Signatory

RAP Analytical, Nashik

Analytical Research & Training Center

Authorized Signatory

Loknete Dr.Balasaheb Vikhe Patil

(Padma Bhushan Awardee), Pravara Rural Education Society's, College of Pharmacy (For Women), Nashik .

A/p-Chincholi, Tal Sinnar , Nashik.

e-mails- pravaracope@yahoo.co.in

Contact Details-9011140176

Web - www.wcopeprayara.in

Sarda Circle, Nashik

er	50 MB : 10 MB :		
B	econd Floor, Circle Plaza, Sarda Cir hingada Talav, Renuka Nagar, Nashik		
E	Asharashtra 422001.		
100	IOI		

Contact Details-8888829788

Web-www.rapanalytical.com

e-mails- rapanalytical@gmail.com

NASHI

Muste VD

Witness1:

support Tolows

:Kalada K.S.

Witness4:



Memorandum of Understanding

Mr. Amol A. Gavande

Smartchem Plus,

Address: 405, Business Court, Opp. Indigo Park,

CCM Link Road, Govind Nagar, Nashik (422 001), Maharashtra

Mob. No. :- 9930339388/ 8080955180 Email ID :- amol@smartchemplus.com

hr@smartchemplus.com

Website: - www.smartchemplus.com

To.

Dr. Charushila Bhangale

Principal.

Pravara Rural Education Society,

College of pharmacy for women,

Chincholi, Sinnar,

Nashik.

Maharashtra.

Dear Mam.

We are dealing with customized value added various certification courses under Training and Placement program for fresher looking to introduce themselves in reputed pharmaceutical companies as well as experience persons which are interested for smart shift.

Our Smartchem plus provides Pharmaceutical industrial training on following topics like cGMP, GLP, GDP, Data integrity, 21 CFR Part 11, Analytical method development, Analytical method Validation.

- Smartchem plus shall provide the analytical method development training, trouble shooting of HPLC instrument and industrial application of HPLC instrument.
- 2) We shall provide 6 hrs. Seminar and practical training on HPLC.
- We shall introduce cGMP, GLP, data integrity practices.
- We will train to candidates for interview by arranging mock interviews.
- 5) We will provide training for solution preparation and instrument handling.
- We will help to candidate to create effective profiles on 'Linked in' and 'Naukri.com'.
- 7) We have designed our programs against guidance of reputed pharmaceutical industries. Advance digital theoretical trainings from industry experts, professional soft skill enhancement workshops, working /Laboratory skill developments against current trends, Mock interviews as per industry protocols, launching in reputed industries are some of our key performance indicators.



Memorandum of Understanding

Notes -

- Sample, Standard, chemicals, glasswares and instrument shall be procured by college.
- 2. Training shall be imparted on 1st and 3rd Saturday of month.

Commercial terms and conditions:-

Training fees shall be 6,000 /- Rs. per candidate.

Objectives -

- To provide pharmaceutical industrial knowledge to pharmacy candidates.
- 2. Candidates will know the importance of analysis and analytical method development in pharmaceutical industries.
- 3. Our training and seminar session is beneficial for candidates which result enhance the placement of college.
- 4. 'Industrial training certificate' shall be given to candidates.

5. If there is any kind of queries to candidates during their project it will be solved and our expert team will guide them.

Proposed by

20/06/2020

Accepted by: 1
Date: 20/6/2020

Chinchell Sinnar Nashik 422102

Memorandum of Understanding (MOU)

Between

Loknete Dr. Balasaheb Vikhe Patil Pravara Rural Education Society's College pf Pharmacy, (For Women) Nashik.

8

Rubicon Skill Development Pvt. Ltd.

For Training students on Rubicon's Campus to Corporate Program

This Memorandum of Understanding is made at Pune on 23rd day of December 2019.

Loknete Dr. Balasaheb Vikhe Patil Pravara Rural Education Society's College pf Pharmacy, Nashik, Maharashtra in after referred to as "THE COLLEGE" (Which term shall so far as the context admits be deemed to mean and include its successors and assigns) of the First Part,

AND

Rubicon Skill Development Private Limited a Company incorporated and registered under the Companies Act, 2013, having its Corporate office at 801, 8th Floor, Tower 1, World Trade Centre, Pune 411014, Maharashtra, hereinafter referred to as "Rubicon" (which term shall so far as the context admits be deemed to mean and include its successors, administrators, executors and assignees) of the Second Part.

1. Introduction

THE COLLEGE has decided to partner with RUBICON for the conduct of Tomorrow's Foundation

Connect with Work Program (hereinafter referred to as "Training Program") at THE COLLEGE.

THE COLLEGE Responsibilities:

- 2.1. Shall nominate one person with adequate accountability and responsibility to coordinate the Training Program. He / She would act as the single point of contact for the proposed Programme.
- 2.2. Shall make available the infrastructure (including IT infrastructure, applications and connectivity) required to conduct the Training Program.

- 2.3. Shall provide all the support services and facilities to RUBICON during the conduct of the said Training Program. Adequate power backup through UPS and DG supplies during the training sessions
- 2.4. Shall coordinate with RUBICON and facilitate conduct of all the assessments including the assessment to be conducted by the external agency (if any) identified by RUBICON, as per schedule communicated by RUBICON.
- 2.5. Provide lodging, wherever available, as per the standards of RUBICON for faculty conducting the Training Programme for the total duration of the Training Programme plus two days (one day prior and one day after closure). The lodging so planned to be provided should be with independent room (with attached toilet), regular water supply, clean, with access to boarding facilities, should have well lit approach and surroundings, have adequate safety & protection and peaceful environment.
- 2.6. Shall share the details of students in a prescribed format to ensure that there is no duplication of beneficiaries
- 2.7. This is a multi-year program to create social impact. The college shall share few details to assess the impact of the program. For e.g. Placement details of trained students will be required to assess the impact of the program from one year to another year.

3. Rubicon Responsibilities:

- Will provide necessary training as per Training Programme requirements and curriculum for delivery as per Annexure I to this MOU
- 3.2. Will provide suitable faculties for the training exclusive for classroom training
- Will conduct assessment of its own and also arrange external assessment as required.

4. Other Terms & Conditions:

The following are other terms and conditions of engagement:

- 4.1. Batch Size: The batch size would need to be a min/ max of 35-40.
- 4.2. Each student would be made available for the Training Program for specified number of hours per day for the duration of the Training Program
- 4.3. Pre-assessment & Selection: RUBICON may carry out pre-assessment of the students who have applied for the course and shortlist the select candidates to undergo the Training Program. The final decision on selection of candidates eligible to take the Training Program shall be with RUBICON.

4.4. Programme schedule:

- 4.4.1. Training Program scheduled commencement date 29/01/2020
- 4.4.2. Scheduled Completion Date: 31/01/2020

4.5. Commercials:

4.5.1 Training Fees: The training Fees is as follows,

Since this is a CSR funded Program there is no fee payable by THE COLLEGE for this Training Program

4-5.2. Payment Terms Not Applicable

4.6 Certification:

Students who are successful in the assessment conducted by RUBICON shall be awarded a certificate post completion of the training program.

4.7. Term of engagement:

This MoU is valid from the date of sign off by both parties for a period of Two years, however both parties agree that based on mutual agreement, the terms may be extended. Both parties also agree that terms may be renegotiated.

4.8. Limitations and Warranties :

Both parties agree that it would be their endeavour to prevent any liability arising out of default or non-compliance of the MoU terms by the other party.

4.9. Termination:

- 4.9.1. Both parties can terminate the MoU with a prior written thirty (30) day notice on default of terms of non-adherence to any condition or responsibilities by the other party as outlined in this MoU in case such default is not rectified within such 30 days.
- 4.9.2. Both parties also agree that it would be their professional endeavour that despite any termination of the MOU, progress would continue, without any prejudice to the ongoing Training Programmes, which would be without any hindrance and would be progressed for completion.

General Terms:

- 5.1. Both the parties may receive information proprietary to other party (the Confidential Information) in the course of performance of their obligations under this MOU. Confidential Information is not meant to include any information which (a) is publicly available (b) is rightfully received by the parties from third parties without accompanying secrecy obligations; (c) is already in either party's possession and was lawfully received from sources other than the parties or (d) is independently developed by the parties. The two bodies understand and acknowledge that the Confidential Information is valuable and confidential and agrees that it will at all times be kept in trust to be disclosed only to such persons as have a "need to know" the same for the effective implementation of this MOU and that it will only be used by the parties for the benefit of others.
- 5.2. Both the parties understand and agree that all written or other tangible data and documentation developed or procured by the other party in performing its obligations under this MOU, whether in printed or electronic form, belongs to other party and that other party will have all rights, titles and interests therein.

- 5-3 Both parties shall not use the name and brand of other party in any advertisement or make any public announcement without the prior written approval of the other.
- 5.4. Each party shall be at liberty to terminate this MOU with a written notice period of three (3) month to the other party without any compensation and seeking legal redress.

6. Jurisdiction:

In the event of any litigation, the court of jurisdiction shall be Pune.

7. Indemnification

Both parties agree to indemnify each other and hold the other party harmless from and against any claim, loss, liability, or expense, including, but not limited to, damages, patent, and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees, as related to the terms of this MoU.

Any claim, compensation, case initiated by any student against Aricent in relation to the Training Program due to any acts or omissions of COLLEGE and/or RUBICON shall be defended and contested by the COLLEGE and RUBICON at their sole expenses and cost keeping Aricent indemnified from the same.

8. Limitation of Liability:

Except for the indemnification obligations, both parties agree that the liability would be limited to the amount of actual transactions between the two parties

g. Notices:

Any notices under this MOU will be sent by certified or registered mail, return receipt requested, to the respective address of Parties as contained in this MOU. Such notice will be effective upon its mailing as specified.

10. Intellectual Property Rights

- 10.1. RUBICON explicitly warrants that it owns all the intellectual properties related to content in all formats, the technology framework and all other related objects and the THE COLLEGE has no rights to use the content and mode of delivery for any other purpose.
- 10.2. Each party hereby undertakes to inform the other party of any violation of Intellectual Property Rights or its unlawful use, under prevalent laws of India Further, each of the party herein, agrees to co-operate with the other to the extent possible in the process of investigating such cases of any violation of Intellectual Property Rights or its unlawful use and taking legal action against the said infringement.
- 10.3. Upon expiration of this MoU, or two years period of time from the date of completion of the courses, whichever is later, each party hereby agrees that it shall not make any claim on the Trade Name or the copyrights of the other, which belongs exclusively to the other party, nor shall either party use any trade name which is deceptively or confusingly similar to the trade name of the other.

11. Force Majeure:

- 11.1. Neither party to this MOU shall be liable for any failure or delay on its part in performing any of its obligations under this MOU, if such failure or delay shall be result of or arising out of Force Majeure conditions and, provided that the party claiming Force Majeure shall use its best efforts to avoid or remove such cause of non-performance and shall fulfil and continue performance hereunder with the utmost dispatch whenever and to the extent such cause or causes are removed.
- 11.2. Any extraordinary event, which cannot be controlled by the parties, shall for the purpose of this MOU be considered as a Force Majeure event. Such events include acts of God, acts or omissions of any Government or agency thereof, compliance with rules, regulations or order of any Government Authority. Provided however, if either party claims that existence of any of the aforesaid conditions is delaying or disabling the performance by said party of its obligations under this MOU, such party shall give immediate notice to the other party of

the existence of such conditions whose existence are claimed to delay or disable the performance of obligations as aforesaid.

IN WITNESS WHEREOF, to show their assent, the duly authorized representative of the parties hereto have signed the MoU and set their seals as below:-

Party of the First Part

CHENCHOLL & AZZ TEZ BE

Stamp of the Party

Pravara Rural Education Society's College of Pharmacy, (For women) Nashik.

Loknete Dr. Balasaheb Vikhe Patil

Signature of Authorised Signatory : Name of Authorised Signatory

Dr.Mrs.C. J. Bhangale

Phangale

Designation :

Witness Signature of Witness Director(Principal)
PRINCIPAL
PRES College of Pharmacy
Chincholi, Sinnar, Nashik-422102.

Name of Witness

Party of the Second Part

Stamp of the Party:

Signature of Authorised Signatory :

Name of Authorised Signatory

Designation

For Rubicon Skill Development Pvt. Ltd.

Pravir Kumar

Chief Executive Officer

Witness

Name & Signature of Witness

Name of the Witness:-

1)Prof.Mrs.V.H.Barve---

2)Prof.Mr.V. D.Kunde-

3)Prof Mr.K.B.Dhamak-

4)Prof.Mr.S.G.Laware---



Memorandum of Understanding

[MoU]

Between

Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee) Pravara Rural Education Society College of Pharmacy (For Women), Chincholi, Sinnar, Nashik.

&

Rural Hospital Dodi(Bk.)Sinnar, Nashik.

FOR PROVIDING HOSPITALISATION AND/OR OUT PATIENT CARE TO STUDENTS AND STAFF OF

Loknete Dr. Balasaheb Vikhe Patil(Padmabhushan Awaredee), Pravara Rural Education Society, College of Pharmacy (For Women), Chincholi, Sinnar, Nashik.

This memorandum of understanding (MoU) is executed on the 3 Day of Sept. 2019 ,

TANK

Rural Hospital , Dodi(Bk.), Sinnar FIRST PARTY

AND

Dr. Balasaheb Vikhe Patil(Padmabhushan Awardee),Pravara Rural Lokaete Education Society, College of Pharmacy (For Women), Chincholi, Sinnar, Nashik., Nashik 4221C2 established on 2006 and represented through its PRINCIPAL which expression shall include its successors in the office and permitted assignees of the SECOND PARTY

The First Party, represented by Shri, V. S. Bodke, Counsellor Rural Hospital ,Dodi(Br.),Sinnar,Nashik

AND

The second party represented by Dr. C.J. Bhangale, Principal, Loknete Dr. Balasaheb Vikhe Patil(Padmabhushan Awardee), Prayara Rural Education Society, College of Pharmacy (For Women), Chincholi, Sinnar, Nashik. The First and Second Party have intended, agreed and consented to the following

terms and deeds in pursuance of the common intent:

1. Party one declares that Rural Hospital, Dodi (Bk.), Sinnar is a 30 bedded hospital, with a minimum of 10 beds for General Medicine Department.

2. Party one agrees that, it will provide hospitalization and or outpatient care to students and

staff of party two.

3. Party one agrees that, it will provide Medical service to students and staff of Party two

4. This agreement is to be in effect at least for Three years from the time of its endorsement

by both the parties.

5. Free health advise

6. Free health checkup and treatment

Public and student health awareness 8. Awareness of National AIDS Control program & all national control program.

Dr. Balasaheb Vikhe Patil(Padmabhushan Awardee). Pravara Rural Signed of behalf of: Education Society, College of Pharmacy (For Women), Chincholi, Sinnar, Nashik.

Dr. C. J. Bhangale Mhangale

Signed of behalf of: The Hospital

Name

Medical Superintendent CLI Rural Hospital Dudy #1 Tal, Sinnar, Dist. Nushik

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



LORNETE DR. BALASAHEB VIKHE PATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S

COLLEGE OF PHARMACY (FOR WOMEN)

&



Sanpras Lealthcare Pvt Ltd.

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 5th of, July, Two Thousand Nineteen. (05-08-2020),

BETWEEN

Loknete Dr.Balasaheb Vikhe Patil (PadmaBhushan Awardee) Pravara Rural Education Societys, College of Pharmacy Chincholi ,(For Women), Nashik.

represented herein by its Dr.Charushila Jayant Bhangale (Principal) here in after referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

ANE

Sanpras Healthcare Pvt. Ltd. Factory 81, S.T.I.C.E., Musalgaon, Sinnar, Tal. Sinnar, Dist., NASHIK, Maharashtra, India, and represented herein by its Head, Mr. Santosh Mutkule, (Director) (here in after referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

- First Party is a Higher Educational Institution named:
 Loknete Dr. Balasaheb Vikhe Patil (PadmaBhushan Awardee) Prayara Rural Education
 Societys , College of Pharmacy Chincholi ,(For Women),Nashik...
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;
- E) Sanpras Healthcare Pvt. Ltd. Factory 81, S.T.I.C.E., Musalgaon, Sinnar, Tal.

- Sinnar, Dist., NASHIK, Maharashtra, India, the Second Party is engaged in Production and R&D Services in the fields of Pharmaceutical.
- Sanpras Healthcare Pvt. Ltd., the Second Party is promoted by Mr. Santosh Mutkule.
- Give related information, its branches, and dimensional information about the industry concerned with which the MoU is sworn.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

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- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one a not.
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- 2.2 Curriculum Design: Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- 2.3 Industrial Training & Visits: Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 Internships and Placement of Students: Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 Research and Development: Both Parties have agreed to carry out the joint research activities in the fields of Pharmaceuticals related activities and services.
- 2.6 Skill Development Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
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- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.10 There is no financial commitment on the part of the college and the First Party to

take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3: INTELLECTUAL PROPERTY

3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party

CLAUSE 4: VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period Sanpras Healthcare Pvt. Ltd., the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Training Partner, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996.

Authorized Signatory

SANPRAS HEALTHCARE PVT. LTD. Principal
College of Phomocy Chinchell
Tal. Stores, Chil. Hopids 42210. Dr.C.J.Bhangale (Principal) Mr.Santosh Mutkule (Director) Loknete Dr. Balasaheb Vikhe Patil Sanpras Healthcare Pvt. Ltd. Factory 81, (PadmaBhushan Awardee) Pravara Rural S.T.I.C.E., Musalgaon, Sinnar, Tal. Sinnar, Education Societys , College of Pharmacy Dist , NASHIK, Maharashtra, India, Chincholi (For Women), Nashik... At post -Chincholi, Tai-Sinner, Dist-FactoryNo-81,STICE,Musalgoan,Sinner,Dist-Nashik . Nashik.Maharashtra Contact Details-9011140176 Contact Details - 9420483533 E-mails- pravaracope@yahoo.co.in Web - www.wcopcpravara.in

Witness 1: (John)
Witness 3:
Witness 3:

Witness4: SUNA 5'B

MEMORANDUM OF UNDERSTANDING

THIS AGREEMENT, entered into this 16th Day of August, 2019, by and between PRAVARA RURAL EDUCATION SOCIETY, PRAVARANAGAR, MAHARASHTRA and its institutions therein (as per list mentioned in Annexure 1), and SHODH ADVANCED TECHNOLOGIES (company registered as SHODH Advantech LLP under the LLP Act, 2008).

WITNESSETH THAT:

WHEREAS, PRAVARA RURAL EDUCATION SOCIETY and SHODH ADVANCED TECHNOLOGIES, desire to promote the enrichment of their teaching and learning. Research and discovery and engagement missions; and

WHEREAS, PRAVARA RURAL EDUCATION SOCIETY and SHODH ADVANCED TECHNOLOGIES, desire to strengthen and expand the mutual contacts between the two organizations; and

WHEREAS, PRAVARA RURAL EDUCATION SOCIETY and SHODH ADVANCED TECHNOLOGIES, desire to provide for a vibrant collaboration between the two organizations on the terms and conditions hereinafter set forth;

NOW THEREFORE, it is mutually agreed as follows:

- Scope of Agreement The Agreement, shall include, but not be limited to, the following types of collaboration:
 - A. Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of research and education.
 - B. Assist in Student, Teacher Training.
 - Placement assistance.
 - D. Collaborative Research and Discovery, Learning and Teaching, and Engagement.
 - E. Encourage the faculty members and scientist of either institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.
 - F. Share the library and scientific literature facilities mutually by giving access to library and other resources of either institute to the scientist/students/research personnel of other institute.
 - Other mutually agreed educational programs.

- II. Definitions As used herein the terms "host organization" and "home organization" shall have the following meanings
 - A. Host organization the organization accepting the faculty member/scientist or student.
 - Home organization the organization providing the faculty member/scientist or student.

Period of Agreement – This MOU shall remain in force for **three years** from the date of the last signature. Prior to the expiration date, this agreement may be reviewed for possible renewal for a further three-year period. Either party may terminate this MOU by providing 60 days advance written notice to the other party.

- III. In this case. Personnel already participating in the exchange shall serve out their terms under the conditions specified at the time of their appointment.
- IV. Activities Under This Agreement It is expected that activities taking place under this agreement will be initiated primarily in coordination with their respective administrative units concerned with such activities. All activities undertaken must conform to the policies and procedures in place at each institution.
- V. Planning and Management of Activities Each distinct collaboration program or activity will be described in separate Activity Agreement drawn up jointly by the collaborating units, and signed by the heads of these units. Such agreements will specify the names of those individuals on each institution responsible for the implementation of the program.
- 71. Funding of Activities Activity Agreement's should make financial costs and obligations explicit. Collaborating units are encouraged to work together to identify and secure any outside funding which may be needed. Projects requiring funding must be approved by both institutions.

I. Limitation and Warranties:

- Each party shall ensure that the other is not put to any liability for any act of the respective party under this MoU.
- Each party represents that they have full power and authority to enter into this MOU in general.

patent and trademark infringement, costs and attorneys' fees, arising out of or in connection with any acts or omissions of their agents or employees.

XI Nondiscrimination – PRAVARA RURAL EDUCATION SOCIETY and SHODH ADVANCED TECHNOLOGIES agree that no person shall on the grounds of race, color, national origin, gender, sexual orientation, or creed be excluded from participation under the terms of this Agreement.

XII Modification – The terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.

IN WITNESS THEREOF, PRAVARA RURAL EDUCATION SOCIETY and SHODH ADVANCED TECHNOLOGIES have executed this Agreement as of the date first above written.

FOR, PRAVARA RURAL EDUCATION SOCIETY

FOR SHODH ADVANCED TECHNOLOGIES, Aurangabad

AUTHORIZED SIGNATORY NAME:

Mrs. RAJANI MUDKAVI

DESIGNATION: Founder Partner & Technical Head

Date: 16:08:2019

AUTHORIZED SIGNATORY NAME:

PRINCIPAL
Percora Rural College of Pharmacy
Prayaganagan, Alp. Loni-413736

DESIGNATION:

Date: 16.08.2019

ANNEXURE 1

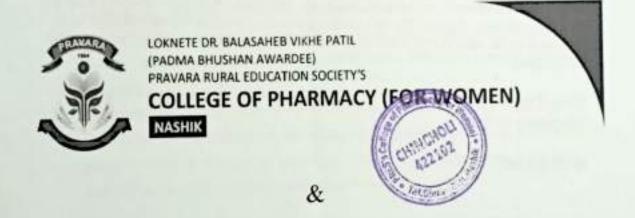
List of Institutions of Pravara Rural Education Society under the purview of this MOU:

Sr.No	the purview of this MOU:		
1	Pravara Rural Engineering C. III		
2	Pravara Rural Engineering College, Loni		
3	Sir Visvesvaraya Institute of Technology, Chincholi Dist. Nashik Padmashri Dr. Vitthalrao Vikhe Patil Instt. of Tech. & Engg. (Polytechnic		
4	Pravara Rural College of Pharmacy, Loni		
5	College of Pharmacy (For Way		
6	College of Pharmacy (For Women), Chincholi, Nashik		
7	Pravara Rural College of Pharmacy (Diploma), Loni Institute of Pharmacy, Loni Kd		
8	College of Pharmacy (Diploma), Chincholi, Nashik		
9	I.T.I, Loni		
10	College of Agriculture, Loni		
11	College of Agricultural Biotechnology, Loni		
12	College of Agriculture Business Management, Loni		
13	Padmashri Vikhe Patil College Of Arts, Science & Commerce, Pravaranagar		
14	Women's College of Homescience & BCA, Loni		
15	Arts, Commerce & Science College, Satral		
16	Arts, Commerce & Science College, Kolhar		
17	Arts, Commerce & Science College, Ashvi		
18	Arts, Commerce & Science College, Alkuti		
19	Inst. of Agri. & Dairy Sci., Loni		



MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



VIDISHA Analytical,
Apartment, Behind Tractor Center, Dwarka, Nashik - 422001

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 28th of, June, Two Thousand Nineteen. (28-06-2019).

BETWEEN

LOKNENTE DR.BAJASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK. represented herein by its DR.MRS.C.J.BHANGALE (here in after referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

VIDISHA Analytical, First floor, Datar Apartment, Behind Tractor Center, Dwarka, Nashik - 422001, and represented herein by its Head, Mr. Digambar P. More, (Director) (here in after referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

A) First Party is a Higher Educational Institution named:

LOKNENTE DR.BAJASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK.

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

The Parties intent to cooperate and focus their efforts on cooperation within area



- of Skill Based Training, Education and Research.
- Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;
- E) VIDISHA Analytical, the Second Party is engaged in Business, Skill Development, Education and R&D Services in the fields of Pharmaceutical Validation and related fields.
- F) VIDISHA Analytical, the Second Party is promoted by Mr. Digambar More.
- Give related information, its branches, and dimensional information about the industry concerned with which the MoU is sworn.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one a not.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU





shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2: SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 Curriculum Design: Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- 2.3 Industrial Training & Visits: Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 Internships and Placement of Students: Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 Research and Development: Both Parties have agreed to carry out the joint research activities in the fields of Pharmaceuticals related activities and services.
- 2.6 Skill Development Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them

- industry ready.
- 2.7 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.8 Faculty Development Programs: Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein
- 2.10 There is no financial commitment on the part of the Divine Collage of Pharmacy, Satana, and the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3: INTELLECTUAL PROPERTY

3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4: VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period VIDISHA Analytical, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Training Partner or DMIC Pharma, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing.
 In the event of Termination, both parties have to discharge their obligations





CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

First Party

Second Party

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Satana.

AGREED:

LOKNENTE DR. BAJASAHEB VIKHEPATIL (PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S, COLLEGE OF PHARMACY (FOR WOMEN), NASHIK.





VIDISHA Analytical, Nashik

Authorized Signatory

LOKNENTE DR.BAJASAHEB VIKHEPATIL(PADMA BHUSHAN AWARDEE) PRAVARA RURAL EDUCATION SOCIETY'S,COLLEGE OF PHARMACY (FOR WOMEN),NASHIK.	VIDISHA Analytical, Nashik
AT-CHINCHOLI,TAL-SINNAR NASHIK.	Address: First floor, Datar Apartment, Behind Tractor Center, Dwarka, Nashik - 422001
Contact Details-9011140176	Contact Details - 9763483903
E-mails- pravaracopc@yahoo.co.in	E-mails - vidisha.analytical@gmail.com
Web - www.wcopcpravara.in	Web - www.vidishaanalytical.com

Witness3:

Witness2:

Witness4:

MA

Memorandum of Understanding

This Memorandum of Understanding ("MoU") is signed on the 24th day of September 2018 BY AND BETWEEN:

Pravara Rural Education Society's College Of Pharmacy (For Women)Chincholi.

(An institute which runs B.Pharmacy and M.Pharmacy courses, which are affiliated to SPPU Pune; hereinafter referred to as "COPC")

AND

Gokhale's Advanced Training Institute, Jalgaon

a training service provider in the field of Industrial Automation, personality development and stress management and authorised training partner of TAACT, Nashik for all types of Industrial Automation courses; hereinafter referred to as "GATI")

This Memorandum of Understanding is proposed in order to bridge the gap between the academia and industries. The MoU aims at skills development by providing various trainings to the students and faculty members of

Pravara Rural Education Society's College Of Pharmacy
(For Women)Chincholi.

Through this Memorandum of Understanding, the two parties agree to the following:

- (a) A steering committee will be set up to monitor the activities of the MoU. The committee will consist of Devdatta C, Gokhale (Director, GATI, Jalgaon) and Dr.S.A.Nirmal (Principal, PRES'S College Of Pharmacy,Chincholl.)
- (b) With mutual consent, the steering committee can be expanded to include more members from the two institutions. The steering committee will be the supreme body as far the implementation of the activities of the MoU, the continuation of the MoU, and termination of the MoU are concerned.
- (c) COPC and GATI will jointly conduct short-term training programs & workshops in following areas:
 - i. Employability Enhancement and Assessment
 - ii. Business English Communication
 - iii. Confidence Building, Soft skills and Personality Development Workshops
 - iv. Entrepreneurship Awareness and Development Workshops
 - v. Faculty Development Workshops
- vi. Any other training areas, as may be deemed fit for both the parties.

- e) COPC will organize training programs for its students and faculties, on the above-mentioned areas
 [c(i) to b(vi)] and GATI will conduct / co-ordinate these trainings.
- f) COPC and GATI will jointly conduct the Employability Assessment activity for students. The objective of this activity is to analyse the behavioral skills of the students w.r.t. communication, presentation, body language, confidence and overall impact, the students are able to create during the interview. Batch size, payment terms, assessment parameters and all other relevant details will be as per the proposal of GATI submitted with COPC from time to time.
- g) COPC will provide necessary infrastructure such as training hall, projector, PA system, computer lab, etc as will be required for training workshops and assessment from time to time.
- h) GATI will provide all necessary training material as applicable, which will be mentioned in the training and assessment proposals submitted with COPC from time to time.
- Batch size, payment terms, award of certification and all other relevant details will be as per the training proposals of GATI submitted with COPC from time to time.
- Course dates and timings will be decided on the mutual convenience of both the parties.
- Expert lectures / Workshops / Events: If CCPC wishes to organize lecture series / national events, GATI will assist in providing speakers.
- Industrial Visits: GATI will assist COPC in arranging industrial visits of its final year students.
- m) Validity: This MoU is valid for a term of three year(s) from the date of signing, unless terminated earlier or extended by mutual agreement of both the parties at latest thirty days prior to the expiry.
- n) Miscellaneous:
- All conditions, changes, erasures, amendments, waivers, etc. shall only be in writing, duly executed by both the parties.
- This MoU and any amendment thereof are limited to the purpose of MoU only.
- This MoU sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof and merges all discussions and negotiations between them, prior to such execution.
- This MoU shall be governed by the laws of Republic of India.

IN WITNESS WHEREOF the parties have executed this Memorandum of Understanding (MoU) on the date and the year first hereinabove written.

For and on behalf of

Gokhale's Advanced Training Institute (GATI)

Jalgaon

Name: Devdatta Charudatta Gokhale

Designation: Proprietor, GATI

Date:

Place:

For and on behalf of

PRES'S College Of Pharmacy, Chibcholi

College of Pharactcy, Chincholi Name: Dr.S.A.Nirmal'al, Sinnar Dist, Nashti-422102

Designation: Principal, COPC



MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN



Pravara Rural Education Society's

COLLEGE OF PHARMACY (FOR WOMEN)



Chincholi, Tal. Sinnar, Dist. Nashik 422103, Maharashtra, India Ph. No. (02551)271178, Fax No.: (02551)271178

Website: www.pravarapharmacy.in

Email ID: pravaracopc@yahoo.co.in

Approved by A.I.C.T.E., Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra

AND

Gokhale Education Society's

Sir Dr. M.S. Gosavi College of Pharmaceutical Education & Research

Prin. T.A. Kulkarni Vidyanagar, College Road, Nashik - 422005 Email: prin@msgpharma.org @: 0253-2232799

ISO 9001:2015 Certified Institute Permanently Affiliated to Savitribai Phule Pune University (ID: CPHN019840)

Approved by AICTE (Permanant ID: 1-728030324), PCI-New Delhi, DTE and MSBTE- Govt. of Maharashtra

Date: 01/08/2017, Tuesday



Memorandum of Understanding

This Memorandum of Understanding ("MoU") is signed on the 1st day of August 2017 BY AND BETWEEN:

Pravara Rural Education Society's College of Pharmacy, Chincholi (An institute which runs B. Pharmacy and M. Pharmacy programs, affiliated to SNDT University, Mumbai hereinafter referred to as "COPC")

AND

Gokhale Education Society's Sir Dr. M. S. Gosavi College of Pharmaceutical Education & Research, College Road, Nashik (MH)

(An institute which runs B. Pharmacy program, which is affiliated to Savitribai Phule Pune University, Pune hereinafter referred to as "MSGCOPERN")

This Memorandum of Understanding is proposed in order to exchange of faculties as resource person for an expert talk and examination, facilities, Exchange of students and faculty for seminars / conference / workshop and FDP organized at both the institutions.

Between both the institution.

Through this Memorandum of Understanding, the two parties agree to the following:

- A. A steering committee will be set up to monitor the activities of the MoU. The committee will consist of
 - Dr. Sunil V. Amrutkar Principal, Gokhale Education Society's Sir Dr. M. S. Gosavi College of Pharmaceutical Education & Research, College Road Nashik- 422005
 - Dr. Prashant L. Pingale (Associate Professor in Pharmaceutics, Gokhale Education Society's Sir Dr. M. S. Gosavi College of Pharmaceutical Education & Research, College Road Nashik- 422005
 - Dr. Rupali A. Patil (Associate Professor in Pharmacology, Gokhale Education Society's Sir Dr. M. S. Gosavi College of Pharmaceutical Education & Research, College Road Nashik- 422005
 - Dr. Shilpa S. Harak (Assistant Professor in Pharmaceutical Chemistry, Gokhale Education Society's Sir Dr. M. S. Gosavi College of Pharmaceutical Education & Research, College Road Nashik- 422005
 - Mr. Raosaheb Y. Ghegade (Assistant Professor in Pharmacognosy, Gokhale Education Society's Sir Dr. M. S. Gosavi College of Pharmaceutical Education & Research, College Road Nashik- 422005
 - Mr. Sahebrao S. Boraste (Assistant Professor in Pharmaceutics, Gokhale Education Society's Sir Dr. M. S. Gosavi College of Pharmaceutical Education & Research, College Road Nashik- 422005

and

- Dr. Charushila J. Bhangale (Principal, PRES'S College of Pharmacy, Chincholi)
- Mr. Vivek A. Kashid (Assistant Professor in Pharmaceutics, PRES'S College of Pharmacy, Chincholi)

- Mrs. Vandana H. Barve, (Assistant Professor in Pharmacognosy, PRES'S College Pharmacy, Chincholi)
- Mr. Kiran B. Dhamak (Assistant Professor in Pharmaceutical Chemistry, PRES'S College of Pharmacy, Chincholi)
- Mr. Kiran B. Kotade (Assistant Professor in Pharmacology, PRES'S College of Pharmacy, Chincholi)
- Mr. Vikas D. Kunde (Assistant Professor in Pharmaceutics, PRES'S College of Pharmacy, Chincholi)
- B. With mutual consent, the steering committee can be expanded to include more members from the two institutions. The steering committee Will be the supreme body as tar the implementation of the activities of the MoU, the continuation of the MoU, and termination of the MoU are concerned.
- C. COPC and MSGCOPERN will jointly conduct programs & in following areas:
 - Exchange of faculties as resource person for an expert talk and examination,
 - ✓ Exchange of Facilities,
 - Exchange of students and faculty for seminars / conference / workshop and FDP organized at both the colleges
 - ✓ Research & development
 - ✓ Guest lectures in the field of pharmaceutical science any other training areas, as may be deemed fit for both the parties.
- D. COPC and MSGCOPERN will organize training programs for its students and faculties, on the above-mentioned areas.
- E. COPC and MSGCOPERN will jointly conduct the research project activity for students & staff.
- F. COPC & MSGCOPERN will provide necessary infrastructure such as training hall, projector, PA System, computer lab, etc. as will be required for training workshops and assessment from time to time.
- G. COPC & MSGCOPERN will assist in providing speakers.
- H. Medicinal Garden Visits: COPC & MSGCOPERN will assist each other in arranging medicinal garden visits for students.
- I. Validity: This MoU is valid for a term of five year(s) from the date of signing, unless terminated earlier or extended by mutual agreement of both the parties at latest thirty days prior to the expiry.
- J. Miscellaneous:

All conditions, changes, erasures, amendments, waivers, etc. shall only be in writing, duly executed by both the parties.

This MoU and any amendment thereof are limited to the purpose of MoU only.

This MoU sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof and merges all discussions and negotiations between them, prior to such execution.

This MoU shall be governed by the laws of Republic of India.

IN WITNESS WHEREOF the parties have executed this Memorandum of Understanding (MoU) on the date and the year first here in above written.

Witness 1

Witness 2

Witness 3 Pur West

Witness 4 Moralla

For and on behalf of First party

Mangale

Dr. Charushila J. Bhangale
Principal,
Pravara Rural Education Society's, College
of Pharmacy (For Women Mitheholi,
Color Nashik 1856 422102

For and on behalf of Second party

Dr. Sunil V. Amrutkar

M.Pharm. Ph. D. (Pharmaceutical Chemistry)
Principal, Gokhale Education Society's Sir
Dr. M. S. Gosavi College of Pharmaceutical v
Education & Research, College Road

Nashik- 422005

Sir Dr. M. C. Gosavi C. mos Pharmaceur cal Cult cr resec Nasluk - 5



Principal
College of Phermacy, Chincholi
Tal. Simnar, Diet. Nashik 422102



Pravara Rural Education Society's

COLLEGE OF PHARAMCY, CHINCHOLI



Tal. Sinnar, Dist. Nashik. (Maharashtra State).
Ph.No.: (02551) 271178, Fax No.: (02551) 271178
Web site: http://pravaracopc.org in Email ID: pravaracopc@yehoo.co.in

Approved by A.I.C.T.E., New Delhi, Recognised by Govt. of Maharashtra & Affiliated to S.N.D.T. Women's University, Mumbai

Ref.: COPC/

Date

Ref No.: COPC/TPC/2012-13/007

Date: 09th April 2013

Title: Memorandum of Understanding between College Of

Pharmacy, Chincholi and Adora Products Pvt.Ltd. MIDC Area,

Waluj, Aurungabad 431 113.

Date: 09.04.2013

MEMORANDUM OF UNDERSTANDING

Between

Pravara Rural Education Society's College of Pharmacy (For Women) Chincholi.Tal:Sinnar,Dist: Nashik (COPC)

And

Adora Products Pvt.Ltd. Plot No.H 23/1/6,MIDC Area, Waluj, Aurungabad 431 113.

Preamble:

The Industry Institute Partnership Cell of College Of Pharmacy, Chincholi, Nashik established with a primary focus on the following domains, namely Campus Placement for Students, Interaction between Institute and Industry, Faculty Empowerment programmes, Training programmes for students on core competency development and action research programmes in pharmacy and technology. Recognizing the necessity of mutual cooperation in the field of pharmacy education and training, PRES's College Of Pharmacy, [For Women] Chincholi, represented by its Principal Dr.S.N.Hiremath and Vice-Principal & Training and Placement Officer Ms.V.H.Barve and Adora Products Pvt.Ltd.MIDC, Waluj, Aurungabad, represented by its Managing Director—Mr.Anand Nagapurkar, have agreed to pursue joint efforts that will mutually benefit the two organizations in fulfilling their mandate.

Contd.....



Prayara Rural Education Society's

COLLEGE OF PHARAMCY, CHINCHOLI

S

Tal. Sinnar, Dist. Nashik. (Maharashtra State) Ph No.: (02551) 271178, Fax No.: (02551) 271178

Approved by A.I.C.T.E., New Delhi, Recognised by Govt. of Maharashtra & Affiliated to S.N.D.T. Women's University, Mumbai

Ref.: COPC/

Date:

The areas of possible cooperation are as follows:

- Introduction of Academic Industrial Cooperation in the technical education and one month
 mid term/summer vacation training program which will contribute to the expansion of cooperation
 between the two institutes, addition to the development of knowledge of pharmaceutical
 technology and improving technical competencies of students
- To have an association with the institute to deliver lectures by managerial staff for the up gradation of knowledge of recent and modern techniques in pharmaceutical systems.
- To have an assistance in guiding projects of UG/PG students as per the schedule given by university.
- Development of curricula in the colleges in order to provide the skilled workforce needed for the transitional process of economic industrialization as well as specifying measures for the phases of implementing the curricula."
- To have in/off campus interviews for the placement of students.

6. To have industrial visits of students to overview the pharmaceutical processes and equipment.

Dr.S.N.Hiremth

Principal

College Of Pharmacy

Chincholi.

Ms.V.H.Barve

Vice Principal & Placement Officer

College Of Pharmacy,

Chincholi

Mr. Anand Nagapurkar

Managing Director

Adora Products Pvt. Ltd.

Waluj, MIDC, Ambad, Nashik

Page 2

Prayara Rural Education Society's



COLLEGE OF PHARMACY (FOR WOMEN)





Approved by A.I.C.T.E., Pharmacy Council of India, New Delhi and recognized by Govt of Maharashtra, Affiliated to S.N.D.T. Women's University, Mumbai

Ref. COPC/

Date:

Ref No.: COPC/TPC/2012-13/003

Date: 02nd DEC:2012

Title: Memorandum of Understanding between College Of

Pharmacy, Chincholi [For Women] and Glenmark Pharmaceuticals Ltd.

E 37/38 ,M.I.D.C., Satpur, Nashik-422007

Date: 02.12.2012

MEMORANDUM OF UNDERSTANDING

Between

Pravara Rural Education Society's College of Pharmacy (For Women) Chincholi, Tal: Sinnar, Dist; Nashik (COPC)

And

Glenmark Pharmaceuticals Ltd,E 37/38,M.I.D.C.Satpur,Nashik

Preamble:

The Industry Institute Partnership Cell of College Of Pharmacy. Chinchcli, Nashik established with a primary focus on the following domains, namely Campus Placement for Students, Interaction between Institute and Industry. Faculty Empowerment programmes, Training programmes for students on core competency development and action research programmes in pharmacy and technology.

Recognizing the necessity of mutual cooperation in the field of pharmacy education and training, PRES's College Of Pharmacy. [For Women] Chincholi, represented by its Principal, Dr.S.N. Hiremath and Vice-Principal & Training and Placement Officer Ms.V.H. Barve and Glenmark Pharmaceuticals Ltd, E. 37/38, M.I.D.C. Satpur, Nashik represented by its HR Manager Mr. Prashant Samnerkar have agreed to pursue joint efforts that will mutually benefit the two organizations in fulfilling their mandate.

Contd.....

The areas of possible cooperation are as follows:

- Introduction of Academic Industrial Cooperation in the technical education and one month mid term/summer vacation training program which will contribute to the expansion of cooperation between the two institutes, addition to the development of knowledge of pharmaceutical technology and improving technical competencies of students
- To have an association with the institute to deliver lectures by managerial staff for the up gradation of knowledge of recent and modern techniques in pharmaceutical systems.
- To have an assistance in guiding projects of UG /PG students as per the schedule given by university.
- Development of curricula in the colleges in order to provide the skilled workforce needed for the transitional process of economic industrialization as well as specifying measures for the phases of implementing the curricula.
- To have in/off campus interviews for the placement of students.
- To have industrial visits of students to overview the pharmaceutical processes and equipment.

Ms.V.A.Barve

Vice Principal & Placement Officer

College Of Pharmacy,

Chincholi.

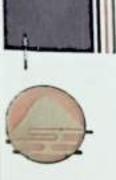
For Glenmark Pharmaceuticals Ltd.

Mr.Prashant Samnerkar

HR Manager

Glenmark Pharmaceuticals Ltd.

M.I.D.C., Satpur, Nashik



GENOM

"dedicated to excellence"

Ref No.: GEN/HR/2010-11/ 822

Date: 07th Feb.2011

Title: Memorandum of Understanding between College Of

Pharmacy, Chincholi and Genom Biotech Pvt,Ltd.

D-121/123, M.I.D.C. Sinnar, Nashik 422 103

Date: 07.02.2011

MEMORANDUM OF UNDERSTANDING

Between

(For Women) Chincholi.Tal:Sinnar,Dist: Nashik (COPC)

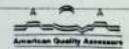
Genom Biotech Pvt,Ltd. D-121/123,M.I.D.C. Sinnar,Nashik

Preamble:

The Industry Institute Partnership Cell of College Of Pharmacy, Chincholi, Nashik established with a primary focus on the following domains namely Campus Placement for Students, Interaction between Institute Industry, Faculty Empowerment Programmes, Training Programmes for students on core competency development and action research programmes in pharmacy and technology.

Recognizing the necessity of mutual cooperation in the field of pharmacy education and training, PRES's College Of Pharmacy.[For Women] Chincholi, represented by its Principal, Dr.S.N. Hiremath and Genom Biotech Pvt, Ltd. D-121/123, M.I.D.C. Sinnar, Nashik, represented by Senior Manager-HR. Ms Aarti Joshi have agreed to pursue joint efforts that will mutually benefit the two organizations in fulfilling their mandate.





Genom Biotech Pvt. Ltd. INDIA A-504, Delphi, Orchard Avence, Hiranandars Business Port, Hiranandars Gardens, Powes, Municial -400 075. Tel: +91-22 5508 9000

s-mail genom@genomwork.com

Factory: Genom Biotech Pvt. Lts. D-121/123. M.I.D.C. Malegarin, Sirvnar, Nask 422 103 The areas of possible cooperation for the year 2010-11 are as follows:

- Introduction of Academic Industrial Cooperation in the technical education and one month mid term/summer vacation training program which will contribute to the expansion of cooperation between the two institutes, addition to the development of knowledge of pharmaceutical technology and improving technical competencies of students
- To have an association with the institute to deliver lectures by managerial staff for the up gradation of recent and modern techniques in pharmaceutical systems.
- To have an assistance in guiding projects of UG students as per the schedule given by university.
- 4. Development of curricula in the colleges in order to provide the skilled workforce needed for the transitional process of economic industrialization as well as specifying measures for the phases of implementing the curricula.

To have in/off campus interviews for the placement of students.

Dr.S.N.Hiremath

Principal

College Of Pharmacy, Chincholi,

Ms.Aarti S.Joshi

Senior Manager- HR

Genom Biotech Pvt,Ltd

Summary of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

Organisation with which MoU is signed	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Kite Ai Technology Pvt. Ltd, Pune	Knowledge Sharing Session_National level Webinar on "Career Trends in Clinical Research"	Number of Students= 100
	Online Workshop on "Clinical Trials and Data analytics"	Number of Students= 94
Kunde Dairy Farms Pvt. Ltd, Sinnar	Knowledge Sharing SessionOnline workshop on "Entrepreneurship Development"	Number of Students= 100
N V Pharma, Sinnar, Nashik	Industrial Visit (2020-21)	Number of Students = 72 Number of teachers = 02
RAP Analytical Research and Training Center, Nashik	Training Programme	Number of Students= 17
Smart Chem Plus, Nashik	Knowledge Sharing Session_Webinar on "Entrepreneurship And Innovation"	Number of Students= 100
Rubicon Training Center, Pune	Training Session on "Career and employability skill enhancement programme"	Number of Students= 60
Rural Hospital Dodi, Sinnar, Nashik	Hospital Visit (2020-21)	Number of Students = 95 Number of teachers = 03
Sanpras Healthcare Pvt.Ltd, Sinnar	Industrial Training (2020-21)	Number of Students= 02
SHODH Advantech LLP, Aurangabad	Industrial Training (2020-21)	Number of Students= 01
Vidisha Analytical,	Traininig Programme (2020-21)	Number of Students= 14
Dwarka, Nashik	Industrial Visit (2020-21)	Number of Students = 65 Number of teachers = 02
Gokhale's, Advanced Traing Institute, Jalgaon	Skill, Entrepreneurship Development and Employability	Number of Students= 90
Sir Dr. M. S. Gosavi's College of Pharmaceutical Sciences, Nashik	Knowledge Sharing Session_GPAT Lecture	Number of Participants= 69
Adora Products Pvt. Ltd, Waluj, Aurangabad	Industrial Training (2020-21)	Number of Students= 01

Glenmrk Pharmaceutical Ltd., Satpur, Nashik	Industrial Training (2020-21)	Number of Students= 01
Genom Biotech Pvt. Ltd., Sinnar, Nashik	Placements of the Students (2020-21)	Number of Students= 01



Principal
Cellege of Pharmacy, Chincholi
Tal. Stanar, Dist. Nashik 422102

LIST OF COLLABORATING AGENCIES WITH CONTACT DETAILS (2020-21)

Sr. No	List of Partnering Agency	Contact Details
1.	Ajanta Pharma Ltd.,	Ajanta Pharma Ltd., Aurangabad
1.	Aurangabad	Contact Number: 0240 26170000
	Turunguoud	www.ajantapharma.com
2.	Bora Pharma Pvt ltd.,	Bora Pharma Pvt ltd., Ahmednagar
	Ahmednagar	Contact Person: Bora Ajay V.
	5	Contact No. 0241-2418100
		borapharma@gmail.com
3.	Holden Medical Laboratories	Holden Medical Laboratories Pvt Ltd., Malegaon
	Pvt Ltd., Malegaon MIDC,	MIDC, Sinnar, Nashik
	Sinnar, Nashik	Contact Peron: Mr. J. P. Kanawade
		Contact No. 02551-230590
		www.holdenlabindia.com
4.	Koral Pharma, Satpur	Koral Pharma, Satpur, Nashik
	Nashik	Contact Person: Mr. Aniruddha M. Rajpathak
		Contact No. 02532352523
	D 101 I 11 C	koralpharma@gmail.com
5.	Pacific Institute of	Pacific Institute of Pharmaceutical Management
	Pharmaceutical Management	(PIPM), Nashik
	(PIPM), Nashik	Contact Person: Mrs. Vandana Aher
		Contact No. 9225190058
6.	Dava Dharma Musalgaan	www.pipmindia.in
0.	Reve Pharma, Musalgaon MIDC, Sinner	Reve Pharma, Musalgaon MIDC, Sinner Contact Person: Mr. Gholap
	WIDC, Sinner	Contact Person: Wif. Ghotap
		sales@revepharma.com
7.	Sahyadri Farm, Mohadi	Sahyadri Farm, Mohadi
. •	2 441 4 441 1 4111, 112011441	Contact Person: Mr. Vikas Shinde
		Contact No. 9850507937
8.	Scitech Specialities Pvt. Ltd.	Scitech Specialities Pvt. Ltd. Musalgaon, Sinnar
	Musalgaon, Sinnar	Contact Person: Col Pravin Gadre,
	,	Contact No.2551240045



Principal
College of Pharmacy, Chincholi
Tal. Stanar, Dist. Nashik 422102

Summary of Collaborative activities for research, Faculty exchange, Student exchange/internship during the year

Sr. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity
1	Internship	Ajanta Pharma Ltd., Aurangabad Contact Number: 0240 26170000 www.ajantapharma.com	Number of students = 2	Industrial Training
2	Internship	Bora Pharma Pvt ltd., Ahmednagar Contact Person: Mr. Bora Ajay V. Contact No. 0241-2418100 borapharma@gmail.com	Number of students = 1	Industrial Training
3	Internship	Holden Medical Laboratories Pvt Ltd., Malegaon MIDC, Sinnar, Nashik Contact Peron: Mr. J. P. Kanawade Contact No. 02551-230590 www.holdenlabindia.com	Number of Students= 08	Industrial Training
4	Internship	Koral Pharma, Satpur, Nashik Contact Person: Mr. Aniruddha M. Rajpathak Contact No. 02532352523 koralpharma@gmail.com	Number of students = 3	Industrial Training
5	Faculty Exchange	Pacific Institute of Pharmaceutical Management	Number of Students= 100	Knowledge Sharing
6	Internship	(PIPM), Nashik	Number of Students= 04	Training Programme
7	Internship	Reve Pharma, Musalgaon MIDC, Sinner Contact Person: Mr. Gholap Contact No. 9822391013 sales@revepharma.com	Number of students=3	Industrial Training
8	Field Visit	Sahyadri Farm, Mohadi Contact Person: Mr. Mayur Bhor Contact No. 9850507937	Number of Students = 69 Number of teachers = 03	Industrial Visit
9	Internship	Scitech Specialities Pvt. Ltd. Musalgaon, Sinnar	Number of students = 3	Industrial Training
10	Field Visit	Contact Person: Col Pravin Gadre, Contact No.2551240045	Number of Students = 65 Number of teachers = 02	Industrial Visit

11. TRAINING ON SOPHISTICATED INSTRUMENTS/ EQUIPMENTS:

Certificate programs on sophisticated instruments offered during the year to improve analytical and instrumental knowledge for the students

Academic Year	Name of Workshop
2020-21	Certificate course on Handling of sophisticated Instrument
2020 21	Certificate course on Clinical Research



Principal
College of Pharmacy, Chincholi
Tal. Stanar, Dist. Nashik 422102



Pravara Rural Education Society's COLLEGE OF PHARMACY (FOR WOMEN) Chincholi, Nashik



Brochure for

Certificate Course in

"Handling of Sophisticated Instruments"

2020-21

Course Contents

Module	Content	Duration
1	General Introduction to "Pharma Instruments"	6 Hrs
2	Hands on Training on HPLC	6 Hrs
3	Hands on Training on IR Spectrophotometer	6 Hrs
4	Hands on Training on Dissolution Testing Apparatus	6 Hrs
5	Hands on Training on UV Visible Spectrophometer	6 Hrs
6	Hands on Training on Brookfield Viscometer	6 Hrs

Note-1. Course will be of 36 Hrs.

- 2. Minimum 80 % Attendance is compulsory.
- 3. Assessment will be of 50 marks (multiple choice question for 25 marks & viva voice for 25 marks) & student should score minimum 25 (50%) marks for completion of course..
- 4. No registration fees for our college students.

Contact us for more information PH:02551-271178, Mob No:9422935587, Email:pravaracopc@yahoo.co.in



Pravara Rural Education Society's COLLEGE OF PHARMACY (FOR WOMEN) Chincholi, Nashik



Brochure for

Certificate Course in

"Clinical Research"

2020-21

Course Contents

Module	Content	Module	Content
1	General Introduction	10	Clinical Trials Monitoring
2	Epidemiology & Evidence Based	11	Compliance And Audits
3	Medicine Pharmaceutical Medicine	12	Data Management And Biostatistics
4	Therapeutic Areas	13	Regulatory Affairs In Clinical Research
5	Ethics In Clinical Research	14	Medical Device Trials
6	Roles And Responsibilities	15	Project And Vendor Management
7	Clinical Trial Preparation	16	Financial Management Of Clinical Trials
8	Essential Documents And Regulatory Submission	17	Personality Development And Communication Skills
9	Study Start-Up		

Note-1. Course will be of 30 Hrs.

- 2. Minimum 80 % Attendance is compulsory.
- 3. Assessment will be of 50 marks (multiple choice question for 25 marks & viva voice for 25 marks) & student should score minimum 25 (50%) marks for completion of course..
 - 4. No registration fees for our college students.

Contact us for more information PH:02551-271178, Mob No:9422935587, Email:pravaracopc@yahoo.co.in

12. INDUSTRIAL VISIT:

Industrial visits are organized for students & faculty giving them exposure to latest technology used in manufacturing and quality control of pharmaceuticals, research trends in pharmaceutical industry, as well as updates on regulations followed by the industry.

INDUSTRIAL VISIT REPORT

Sr. No.	Date	Class	Industry Details		
	2020-21				
1.	26/03/2021 &	F. Y. B. Pharm	Sci-Tech Pharma		
	27/03/2021 12/03/2021				
2.	& 13/03/2021	S. Y. B. Pharm	Sahyadri Farm, Mohadi		
3.	26/02/2021 & 27/02/2021	T. Y. B. Pharm	N. V. Pharma		
4.	05/04/2021 & 06/04/2021	Final Yr. B. Pharm	Vidisha Analytical Research and Training Center		
5.	12/03/2021	F. Y. B. Pharm & T. Y. B. Pharm	Rural Hospital, Dodi		



Principal
Cellege of Pharmacy, Chincheli
Tal. Sharar, Dist. Nashik 422102



Industrial Visit Report – First year B. Pharmacy

N 6D 4 4/0 34	T : O DI (D) (T O D D)	
Name of Department/Committee	Training & Placement Department (T. & P. Dept.)	
Name of event organized	Industrial Visit	
Title of the event	SCI-TECH PHARMA	
Date of event organized	26/03/2021 & 27/03/2021	
Name of the coordinator of event	Mr. Vikas Kunde	
Class of the Participant	First year B. Pharm 2020-21	
No. of Participant (Student+ Staff)	69 (65 + 04)	
Name of the Expert with designation	Ganesh Sir, Production Officer	
-		
Contact Number & Address of the expert	8999879163	
Contact Number & Address of the expert Objective of the event	8999879163 As a part of academic curriculum, students of B.	
	0,,,,,,,,,	
	As a part of academic curriculum, students of B.	
	As a part of academic curriculum, students of B. Pharm have schedule of industrial visit to	
	As a part of academic curriculum, students of B. Pharm have schedule of industrial visit to pharmaceutical production facilities to upgrade	
	As a part of academic curriculum, students of B. Pharm have schedule of industrial visit to pharmaceutical production facilities to upgrade their knowledge of pharmacy.	
	As a part of academic curriculum, students of B. Pharm have schedule of industrial visit to pharmaceutical production facilities to upgrade their knowledge of pharmacy. To fulfill and to reduce the gap between the	
	As a part of academic curriculum, students of B. Pharm have schedule of industrial visit to pharmaceutical production facilities to upgrade their knowledge of pharmacy. To fulfill and to reduce the gap between the academic knowledge and practical aspects of the	

Photo gallery







Photo with Directors of the company



Principal
College of Pharmacy, Chincholi
Tel. Sinnar, Dict. Nashik 422102

Ref: Date: 22/03/2021

To,

Campus Director,

Pravara Technical Education Campus,

Chincholi, Nashik.

Subject: Bus transportation required for Industrial visit on 26th & 27th Mar. 2021.

Respected sir,

We are informed to you about industrial visit is planned on 26th & 27th Mar. 2021, so we require the bus transportation facility to the 69 students. We require one bus for Industrial visit @ Sci-tech Pharma, Sinnar

Kindly arrange the bus for Sci-tech Pharma visit.

Kindly do the needful.

Thanking you

CHINCHOLI A 422 102

Principal Principal College of Pharmacy, Chincholi Tal. Signar, Dict. Nashik 422102

Date	e:				
			-		
IVO.	of Students Present:				
C.,		Attenda	ince Sh	icet	
Sr. No.	Name of Students	Remark	-	Name of Students	Rema
			No.		Rema
1	Thete Sakshi	&DThe+	32	Shelke Nikita	Sit
2	Sangwe Kavita	Kluing	33		-
3	Sangale coma	Taful	34	Except mayates	4toka
4	Ugale Bhavana	Propole	35	Sangale Bhanshree	Lumb
5	Katore Prafixsha	Latter 9	36	Turkane Harshada	H. V. Ter
6	Matale Gauri	Con	37	Akshata Bhalerger	ex roa
7	Mansi Patil	Maryer	22/11/2	minay shairh	O Wal
8	sujata kshirsagar	Sole)	39	Apulva woje	
9	Craze Anushka	Bare-	40	Madhura Bhargve	MINGham
10	sonawane Varsha	V G Sonaw	41	Tanaya J. Bhowate	Jonath
11	Sharvari Gosqui	& RGOSWI	42	Khule Kasturi	The state of
12	Nikita Rhairnaa	-14 To	43	Unde Dipika.s.	Rande
13	Haishala Grite	an	44	Anushka Malvade	Sec. 4
	thrutika Ranade	Prode	45	Paulbudhe Mrunal	100
6	Pangar Aishwantel		46	Sakshi Ghapmode	GENER
6	Dhanashrer Bairadi	Francist.	47		
7	Laibhari Raut	Graduit	48		
0	Jayuri Dawore	Daware	49		
9 1	conom Chuge	ange-	50		
0 5	hraddha Kandekor	Skandeka	7.050		
	Roshani Ghuge	alux.	52		
2 6	hinde Bhagyashri	Brinde	53		
-	agt ap Akanksha	Fram.	54		
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- k	lakehaure suchita	Suchita	56		
	raigre Sonali Novath	Chance	57		
	agare Pratiksha Prashant				
	lunke Rutyja Sharad	The A	58		
	wale Akshada shivaji	Ateuse	59	[92]	
Sk	mayani Sonowane	Storavori	60		
Ka	vita Dazgude	Kaudy	61		
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Principal
College of Pharmacy, Chinoholi
Tal. Signar, Diot. Nashik 422102



Industrial Visit Report – Second Year B. Pharm

Name of Department/Committee	Training & Placement Department (T. & P. Dept.)	
Name of event organized	Industrial Visit	
Title of the event	SAHYADRI FARM, MOHADI	
	,	
Date of event organized	12/03/2021 & 13/03/2021	
Name of the coordinator of event	Mr. Vikas Kunde	
Class of the Participant	Second year B. Pharm 2020-21	
No. of Participant (Student+ Staff)	72 (69 + 03)	
Name of the Expert with designation	Mr. Vilas Shinde	
Contact Number & Address of the expert	9850507937, Mohadi village, Nashik	
Objective of the event	As a part of academic curriculum, students of B.	
	Pharm have schedule of industrial visit to	
	pharmaceutical production facilities or food	
	processing unit or cultivating farm to upgrade	
	their knowledge of pharmacy.	
	To fulfill and to reduce the gap between the	
	academic knowledge and practical aspects of	
	the syllabi.	
Outcome of the event	Explore & understand food processing unit &	
	processes. An understanding of professional,	
	ethical, legal, security and social issues and	
	responsibilities.	

Photo gallery



Marketing executive guiding to students



Marketing executive guiding to students



Principal
Cellege of Pharmacy, Chincholi
Tel. Sinnar, Dict. Nashik 422102



Ref: Date: 08/03/2021

To,

Campus Director,

Pravara Technical Education Campus,

Chincholi, Nashik.

Subject: Bus transportation required for Industrial visit on 12th &13th Mar. 2021.

Respected sir,

We are informed to you about industrial visit is planned on 12th &13th Mar. 2021, so we require the bus transportation facility to the 72 students. We require one bus for Industrial visit @ Sahyadri farm, Sinnar

Kindly arrange the bus for Sahyadri farm.

Kindly do the needful.

Thanking you

CHINCHOLI CHINCH

Principal
Principal
College of Pharmacy, Chincholi
Tal. Shrnar, Dict. Nashik 422102

Roll No	Student Name(Full)	Signature
1	Ashwini babasaheb Avhad	Ad
2	Avhad bhagyashree balu	(DAM)
3	AVHAD CHAITALI MARUTI	C.N. Dulon
4	Bhangre Samrudhi Anil	119-10
5	Chaure Gauri Somnath	
6	Chavan Gayatri Sheshrao	CONOR
7	Priti Subhash chavanke	Phila
8	Dandwate Shreya Subhash	Ehul On
9	Madhuri Sanjay Darade	Destroi
10	Annie Dehraj	Maries
	Kartiki Yogendra Dokhe	SPOKE
12	Madhuri arjun Domade	A Call
13	Sneha Rajendra Fatangare	Charles
- 14	Gaikwad Pradnya Suryabhan	P.S. Gaikwad.
15	Gangurde rajeshwari rajiv	Regional
16	Ghule trupti navnath	anthus .
17	Godase Vaishnavi Balu	Shades-
18	Godse sheetal suresh	Godse 11
19	Pooja vijay gore	60
20	Nilambari kailas gosavi	(Besavi
21	Nilima Dnyaneshwar Gurule	BL. D. Gunde
22	Samruddhi Manoj Jagdale	the Cont.
23	kandalkar seema tukaram	agar Jam >
24	Dhanashree Santosh Kankarej	
25	Kedar Sneha Sanjay	I I I
26	Kiran dilip Kekane	-
27	Khade Shital Shivaji	Made
28	Khapare Nikita Suresh	TOLE
29	Sejal Sunil Kharat.	JNA -
30	Ojasvita anil khole	
31	Labhade Gauri Pravin	N/
32	Sayali Sanjay Londhe	5.5. Landho
33	Sonal Ramesh Madake	Brightle
	Nikita Babasaheb Mahapure	Nikita -
34	Mundhe shruti sudam	March
36	Narode Sakshi Narode	Inout
37	Harshada Sampat Nawale	H.G. Nawale
38	Aakanksha valmik nikam	A MANUE
39		1
40	Patil Harshada Kiran	
41	Pawar Priyanka Dnyaneshwar	o Contattat Bot
42	Rutuja Dharmraj pomnar	Colored.
43	pranali Hirasing Rathod	TENDANTE
44	Akanksha Shankar Rayate	ASSESSED

45	Salunke Pratiksha	
46	Salunke Vaishnavi Nandkishor	
47	Sangale Sarita Laxman	Moder
48	Rani Govind Sangale	South
49	Sayed Nida Mohammed Yusuf	Pleangula
50	Shejul Tejal Shirish	May
51	SHELAR KOMAL SOMNATH	Sur-
52	SAKSHI BHARAT SHELKE	Korol . ·
53	Ankita sudam shinde	Shire,
54	Sonavale vrushali sakharam	Senate e
55	Sonawane kaveri hansraj	KINS
56	Suryawanshi Shubhangi Bajirao	Turble.
57	Tarmale namita kamalakar	-011101
58	TARU AISHWARYA SANDIP	- Cattail
59	UGALE NEHA ARUN	N.A. 19918
60	Vishe Tejal Jaywant	- Flower
61	Sanap Punam Eknath	Tanal



Industrial Visit Report – Third Year B. Pharmacy

Name of Department/Committee	Training & Placement Department (T. & P.
	Dept.)
Name of event organized	Industrial Visit
Title of the event	N. V. PHARMA
Date of event organized	26/02/2021 & 27/02/2021
Name of the coordinator of event	Mr. Vikas Kunde
Class of the Participant	Third year B. Pharm 2020-21
No. of Participant (Student+ Staff)	74 (72 + 02)
Name of the Expert with designation	Mr. Narendra Hegde, Director
Contact Number & Address of the expert	9227533994
Objective of the event	As a part of academic curriculum, students of B. Pharm have schedule of industrial visit to pharmaceutical production facilities to upgrade their knowledge of pharmacy. To fulfill and to reduce the gap between the academic knowledge and practical aspects of the syllabi.
Outcome of the event	Explore & understand pharmaceutical production & processes.

Photo gallery







N.V. Pharmaghangale.

Principal
College of Pharmacy, Chincholi
Tal. Signar, Dict. Nashik 422102

Ref: Date: 22/02/2021

To,

Campus Director,

Pravara Technical Education Campus,

Chincholi, Nashik.

Subject: Bus transportation required for Industrial visit on 26th & 27th Feb. 2021.

Respected sir,

We are informed to you about industrial visit is planned on 26^{th} & 27^{th} Feb. 2021, so we require the bus transportation facility to the 74 students. We require one bus for Industrial visit @ N. V. Pharma, Sinnar

Kindly arrange the bus for N. V. Pharma.

Kindly do the needful.

Thanking you

CHINCHOLI CHINCH

Principal Principal Cellege of Pharmacy, Chincholi Tal. Siznar, Dict. Nashik 422102

List of students for the visit- Second year B. Pharm

Sr. No	Name of Student	Contact No	Sign.
1	Ambekar Ruchika Vilas	9860296418	Que.
2	Aulade Nikita sambhaji	9343753304	(NK1)19
3	Burragi Scholi Babardas	9309154498	90
4	Bhadare Branali Boun	9405875663	averelas.
5	Bhosale kaver Ganpat	7666180042	Pelesche,
6	Bobade Priyanka Asnok	9689331615	Priya
7	Bodlee Shital Rajan	9172646836	Strodle
8	Chowan Ambika Jaywant	8441667946	Rehomores
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68	Khule Ashvini shivaii	7719837319	Abus.
69	Londhe Meunal Vijay	7038322321	Mult.
70	Shivde Homrato Sanjay.	9767178186	Harmata
100	Sillor Harriage		

Name of Staff

St. No.	Name of Staff	Designation	Sign
	Mr. Vikas Kunde	Assist, Prof.	
	Ms. Kaveri Vaditake	Assist, Prof.	Mark



PRINCIPAL
PRESS College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102.



Industrial Visit Report – Final Year B. Pharmacy

Name of Department/Committee	Training & Placement Department (T. & P. Dept.)
Name of event organized	Industrial Visit
Title of the event	Vidisha Analytical Research and Training Center
Date of event organized	05/04/2021 & 06/04/2021
Name of the coordinator of event	Mr. Vikas Kunde
Class of the Participant	Final Year B. Pharm 2020-21
No. of Participant (Student+ Staff)	67 (65 + 02)
Name of the Expert with designation	Pravin Sir
Contact Number & Address of the expert	8888068444
Contact Number & Address of the expert Objective of the event	As a part of academic curriculum, students of B. Pharm have schedule of industrial visit to pharmaceutical production facilities to upgrade their knowledge of pharmacy. To fulfill and to reduce the gap between the academic knowledge and practical aspects of the syllabi.

Photo gallery







Principal
Cellege of Pharmacy, Chincholi
Tal. Sinnar, Dict. Nashik 422102

Ref: Date: 01/04/2021

To,

Campus Director,

Pravara Technical Education Campus,

Chincholi, Nashik.

Subject: Bus transportation required for Industrial visit on 5th & 6th April 2021.

Respected sir,

We are informed to you about industrial visit is planned on 5th & 6th April 2021, so we require the bus transportation facility to the 65 students. We require one bus for Industrial visit @ Vidisha Analytical lab, Nashik.

Kindly arrange the bus for Vidisha Analytical lab, Nashik.

Kindly do the needful.

Thanking you

Principal
Principal
College of Pharmacy, Chincholi
Tel. Sinnar, Dict. Neshik 422102

List of students for the visit-

Sr. No	Name of Student	Contact No	Sign.
1	Agrawal Shweta Rajanikant	7822007647	Agrasa
2	Ahire Kartika Shantaram		0.01
3	Amrutkar Ashwini	9420830702	AME
4	Avhad Rutuja	9309000000	1 design
5	Avhad Sonal Shivaji	8668638393	Olomina Olomina
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7	Bhabad Sonali	7385467932	FV / I
8	Bhamre Ashwini	7410597072	Shake
9	Bidkar Mayuri	9730599346	11
10	Bochare Puja Vinayak	9096003567	MeBiat
11	Bodke Aishwarya	7350285808	Pochs.
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13	Borade Vaishnavi Sopan	9420364103	VILLA .
14	Borse Swati	9730644648_	Kron
15	Choudhari Dariyakumari M	9168280426	0-01 10-
16	Donde Harsha Kailas	9600549829	D'Chouds
17	Gaikwad Neha Balasaheb	9834726635	Honck
18	Gajare Swapnali Vikram	9075699233	sais
19	Gavhane Komal	9730564941	A
20	Ghagadmal Shivani	9766871449	Gromato
21	Ghogare Rutuja	0501025116	0.1.0
22	Govardhane Sakshi Balu	9561375116	Ata bo
23	Handore Avantika	7841912514	
	Jadhav Komal Vasantrao	8668521066	Mandare
24	Jadhay Puja Satish	9552602847	Sunke_
25	Janmali Shweta	7887934102	-
26	Kadam Pranali	7499212171	Sanmali.
27	Kadre Yogita Jitendra	8888866017	Madher Wadher
28	Kakade Aditi Sakharam	9329237199	1/1
29	Kale Komal Namdeo	7030622037	Adul
30	Kale Shivani	9011662243	Kkalf
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32	Kangane Namrata Sudam	9552955949	97/1
33	Katore Varsha Sunil	9922237886	. 1
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35	Khanal Vaishnavi Malhari	9284947057	Sallen,
36	Khule Vidya Govind	930977 9069	Police

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43	Pardeshi Jagruti Chhagan	8766530398	Varnole.
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46	Rajad Shital Shamu	9527822411	22)
47	Rathod Divya Ravindranath	9682207811	Techoo
48	Sadgir Urmila Rambhau	9970549489	Godgre
49	Saindre Mayuri	7066071500	SICK
50	Salve Tejal Sanjay	9923219520	Store Store
51	Sanap Sonali Dagadu		00
52	Sangale Vidhya	9850417212	
53	Sangale Yogita	7499536495	Jagal .
54	Sarde Bhakti Gahininath	8380819276	And I
55	Shinde Kanchan Bhimrao	9518310161	Ghalari Di Da
56	Shinde Pratibha Sanjay	3689138917	- Hourse
57	Shinde Sakshi Mangesh		11-
58	Somwanshi Gayatri Sanjay	8669983444	Outal
59	Tajanpure Harshali	7744964676	Sorter
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65	Jondhale Mayuri Ravi	8459427755	Hagur,

Name of Staff:

Sr. No.	Name of Staff	Designation	Sign
1	Dr. Ramdas Dolas	Assist. Prof.	applica :
2	Mr. Sandip Laware	Assist, Prof.	Downe
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PRINCIPAL
PRES's College of Pharmacy (For Women),
Chincholi, Sinnar, Nashik-422102.

Pravara Rural Education Society's



COLLEGE OF PHARMACY (FOR WOMEN)



Chincholi, Tal. Sinnar, Dist. Nashik 422103, Maharashtra, India Ph.No. (02551)271178, Fax No. : (02551)271178

Website: www.pravarapharmacy.in Email ID: pravaracopc@yahoo.co.in

Approved by A.I.C.T.E., Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra
Affiliated to Savitribai Phule Pune University, Pune

HOSPITAL VISIT REPORT

2020-21

Venue : Rural Hospital, Dodi

Date : 12/03/2021

Duration : 10. 00 AM

Students visited : First Year B. Pharm and Third Students for Clinical Exposure

(95)

Accompanying Person : Miss. K. T. Vaditake.

Mrs. S. N. Bhandare,

Dr. S. B. Somwanshi

OBJECTIVES OF HOSPITAL VISIT:

- As per the syllabus of Savitribai Phule Pune University students of first year should have a hospital or blood bank visit to enrich their practical knowledge.
- To know the Pharmacy Practices in hospital.



DETAILS OF HOSPITAL VISIT

According to World Health Organisation (WHO), a hospital is defined as an integral part of social and medical organization, the function of which is to provide for the population a complete healthcare, both preventive and curative.

- ▶ PRES'S College of pharmacy organized the Hospital visit to Rural Hospital, Dodi. on 12/03/2021.
- > Students departed from PRES's College of pharmacy at 9.00am and reached to Hospital at 10.00 am.
- Primary functioning of different department of hospital were explained to students in brief by Mr. Rajkumar Anerao.
- > Students were divided in two groups and lead by nursing superintendents **Mrs. V. S. Bodke** and **Mr. Vilas Bodke**, Counsellor.



Students were asked to observe the following aspects of their curriculum:

Healthcare setup: Healthcare services are the services designed to fulfil health-based needs of people / community / population, through various resources available. These are delivered by healthcare system that includes the management of health sector and its organizational structure. Students were explained that majority healthcare services in India are provided by the private sector. The government and the private sector are helping in making healthcare accessible in all areas of India; both rural and urban.



The healthcare system/models in India can be categorized under the following

- Primary Health center
- Community Health Centers. Rural Hospital. District Hospital/ Health Centers, Specialty Hospitals
- Universal Health Insurance programmes
- Private Hospitals, Polyclinics, Nursing Homes and Dispensaries

The hospitals play a major role in maintaining and restoring the health of the community. The main functions of the hospitals can be listed as follows:

- Restorative Functions Under this the students visited different sections to understand the various activities carried out in the hospital:
 - a) Out-Patient Department: here patients were seen taking a token mentioning the doctor name and room number where patient would be treated or sent referral. Here a chart mentioning the rights of the patients was displayed along with other charts giving information about various health schemes and disease.



b) Diagnostic Activity: It includes the inpatient services involving medical, surgical and other specialties and specific diagnostic procedures. In the Rural hospital, students visited X-ray department, Pathological lab etc.







Students observed sophisticated machine used for sample analysis in civil hospital

c) Rehabilitative Activities: Those activities include physical, mental and social rehabilitation. In the civil hospital, students were taken to those wards where patients are given counselling regarding HIV, hygiene practices.





d) Emergency Services: It includes emergency services required for dealing with accidents, natural disasters, epidemics, etc. students observed the casualty ward where the emergency patients were treated by the doctors. Student took a tour of a well-equipped ambulance which reaches the patient on dialling 108.



Preventive Functions

The Rural hospital also carries out various preventive functions which include the following: a. Supervision of normal pregnancies and childbirth

- b. Supervision of normal growth and development of children
- c. Control of communicable diseases
- d. Prevention of prolonged illness
- e. Provision of health education services
- f. Preventive health check-up



Intensive care unit was visited at the last. Here various protocols were displayed to stabilise patients of respiratory problems, seizures and snake bite etc. Biomedical waste management protocols along with coloured bins were places in every ward.

Outcome of the visit:

Students could learn about set up of the hospital in government sector. Various healths related protocols were explained. Ward setup for patients was observed and how the nurses were taking details of the patient was also understood. Students could understand various manpower required in the hospital and their roles and responsibilities at various levels.



Dr. C. J. Bhangale Principal Principal

College of Pharmacy, Chincholi Tal, Sinner, Dist, Nashik 422102

	of Event	Hos	pital V	isit	at Rural Hospita	1 Podi
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Coordinator

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PRES's College of Pharmacy (For Women).
Chincholi, Sinner was lik-422102.

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	Coordinator			1707	Principal Principal	ejale

PRES's College of Pharmacy (For Women). Chincholl, Sinnar, Nashik-422102.