

3.5.1. Collaborative activities for research, Faculty exchange, Student exchange/ Internship, Field Trip

Academic Year-2019-20

3.5.1. Number of Collaborative activities for Research

- 1) M. Pharm Dissertation Research Project at Industry
- 2) Collaborative research by faculty with other institute resulted in publications

Academic Year-2019-20



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

Approved by AICTE & PCI, New Delhi

Recognized by Govt. of Maharashtra, DTE (MS)

Affiliated to Savitribai Phule Pune University, Pune (Permanently Affiliated – B. Pharm.)

& Maharashtra State Board of Technical Education, Mumbai

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/SS/2019/153

Date: 01/06/2019

To,
Dr. Snehal More
Scientist, CSIR-National Chemical Laboratory,
Dr. Homi Bhabha Road,
Pune- 411 008, India

Subject:- No Objection Certificate for M. Pharm Dissertation Work

Respected Sir/Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities. For M. Pharm Sem-III & IV, the student has to carry out dissertation work. The dissertation work may be carried out either in Industry or at Research Centre.

In this regard, the college has No Objection to carry out M. Pharm Dissertation Work of the following student in your esteemed organization. However due to change in syllabus by Pharmacy Council of India, student has to attend the Research Methodology course lectures at Institute on every Friday & Saturday till the University Examination for the subject Research Methodology is over (i.e. only for Sem-III), In the Semester-IV, the student can attend the Industry/ Research Organization for all days of work.

Sr. No.	Name of the Student	Branch	Name of the Institute Guide
1	Ms. Prachi Bhaskar Dighe	M. Pharm in Pharmacognosy	Mr. Prasad V. Kadam

The project for dissertation may be done on any topic of interest of the industry. The student will have two guides for his /her projects work i.e. one from industry as a co-guide and from the institution. The student will also report his work progress once in a week to institution.

In this regard we are looking forward to have your co-operation.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours Faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon, Pune – 411 033 (MS)
Ph. No. 8446060841, E – mail : mmcopharm@vsnl.com Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

NATIONAL CHEMICAL LABORATORY
PUNE-411008



1. Dighe Prachi Bhaskar _____ an a student/employee
Name of the Trainee

representative of Marathwada Mitra Mandal's College of
Name and address of the organization
Pharmacy, Thergaon, (Kalewadi), Pune

My permanent address is All Hanmantgaon Post-Patthare
Tal-Rahala Dist-Ahmednagar

2. National Chemical Laboratory
Name of the organization

National Chemical Laboratory, Pune has agreed to provide me training from 1/2009

to 1/2020 in Department of Biochemical Division

_____ give details of training

During this period I shall be working under the supervision of Dr. Snehal Y.

More Madam from 9.00 a.m. to 5.30 p.m.
Scientist/(s)

- I hereby agree to abide by the rules and regulations of NCL and will observe punctuality and discipline during the period of my training.
- ~~I/My organization~~ will meet any expenses (in advance) that may have to be borne if any special raw material/apparatus has to be procured for my training.
- ~~I/My organization~~ undertake to compensate NCL for any loss/ damage that may be caused by me
- NCL shall not be in anyway responsible and will not be liable to pay compensation for any accident that may lead to injury/ death during my training period.
- I hereby agree to execute a bond to complete the work before I submit my report/ thesis to the college/university as the college/university norms. I agree that the technology development by me at NCL will be the property of NCL.

Prachi
Signature of the trainee

Date 03/06/2019
Place Thergaon, Pune



[Signature]
Attested by Head of the
College/Institute/Organization
PRINCIPAL

Seal Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

CONFIDENTIALTY & IP AGREEMENT

Standard format, Form IP/TR-1



Home Institution (if applicable) of Transient Researcher takes note of this and agrees:

Home Institution: Marathwada Mitra Mandal's College of Pharmacy, Pune

Date: 17/06/2019

Signature: *[Handwritten Signature]*

Name: Prachi Bhaskar Dighe

Position: Research Trainee

Notes and instructions:

- "Transient Researcher" includes
 - Undergraduate & post graduate trainees, visiting or exchange students, visiting PhD students, post doctoral researchers, visiting scientists and company/contract personnel providing services within CSIR/NCL.
 - Project staff, PhD students/research fellows.
- All Transient researchers are to execute this agreement, get signature of authorized signatory at his/her Home Institution and submit to their hosts/ mentors at CSIR/NCL. The hosts/mentors should forward the same to Dr NS Tewari, IP Group, A207, PAML, NCL.
- Exceptions and deviations (if required/any) to this agreement may be referred to the IP Group.



[Handwritten Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

CONFIDENTIALTY & IP AGREEMENT

Standard format, Form IP/TR-1



This Confidentiality and Intellectual Property Agreement is made and entered into on 17th day of June, Two Thousand Nineteen ('Effective Date') between Council of Scientific & Industrial Research (CSIR), a Society registered under the Societies Registration Act (XXI of 1860), having its registered office at Anusandhan Bhavan, 2, Rafi Marg, New Delhi -110001 acting through its constituent National Chemical Laboratory (CSIR/NCL), located at Dr. Homi Bhabha Road, Pune-411008, and

Dr/Ms. Prachi Dighe (hereafter referred as "Transient Researcher" permanently residing at _____; who may have access to CSIR/NCL information that includes, but not limited to, data, samples, prototypes, specifications, software, processes, lab facilities, databases, and CSIR/NCL clients.

Agreement reference (to be filled by IP Group)	
IP no. in NCL	
Name of the "Transient Researcher"	Prachi Bhaskar Dighe
Father's name	Bhaskar Vishnu Dighe
Permanent contact information of "Transient Researcher"	At Hanmadgaon Post Pathar Tal. Rahata Dist. A. Nagar Email id - prachidighe@gmail.com
Current contact information of "Transient Researcher"	Contact No. - 7040596033 Kalewadi, Pune
Period of visit at CSIR/NCL from	June 2019 to Feb-2020
During the period of visit, the Transient Researcher is employed by / associated to other Institutions (Home Institution)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Please check one)
Name and Address of the Home Institution	Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune
Hosting division/unit at CSIR/NCL	Biochemical Division
Host/mentor at CSIR/NCL and contact info	Dr. Snehal. V. More contact - 64.more@ncl.res.in



Page 1 of 3
PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033

CONFIDENTIALTY & IP AGREEMENT

Standard format, Form IP/TR-1



Project topic	Formulation & Development Herbal Cosmeceuticals
---------------	--

During the period of visit, Transient Researcher may be involved in research activities of CSIR/NCL. In consideration of the participation in projects administered by CSIR/NCL, access to or use of facilities provided by CSIR/NCL and/or other confidential internal information it is hereby agreed as follows:

1. The Transient Researcher will disclose to the Hosting Division/Unit all his/her patentable inventions conceived or first reduced to practice in whole or in part in the course of his/her research activities at CSIR/NCL.
2. The Transient Researcher and his/her Home Institution will hold in strict confidence confidential information that the Transient Researcher gains access to during his/her stay at CSIR/NCL and will not make use of such confidential information other than for his/her research activities at CSIR/NCL. The obligation shall remain effective until three (3) years from termination of the visit. Publication of research results or any documents or information that is confidential needs written consent of CSIR/NCL in advance.
3. CSIR/NCL shall solely own all rights of the intellectual property generated during the visit.
4. In the event that research activities are subject to contractual obligations of CSIR/NCL with a third party, right, title and interest in any and all results (including but not limited to know-how, patentable inventions, copyrights, data etc.) shall be owned by CSIR/NCL only. In such an event, the Transient Researcher will assign to CSIR/NCL all his/her rights, title and interests to all such results and will execute and deliver all documents and do any and all things necessary and proper to effect such assignment.
5. The Transient Researcher shall maintain adequate and current written records of all inventions and creative works made by him/her (in the form of notes, sketches, drawings and as may be specified by CSIR/NCL), which records shall be available to and remain the sole property of the CSIR/NCL at all times. The transient researcher agrees that no claim can be made on the ownership of these records by him/her or by his/her representative during the course of assignment or in future.
6. The Transient Researcher recognizes and agrees that CSIR-NCL may suffer immediate and irreparable harm to its goodwill and business which will not be compensable by damages alone in the event that
• Transient Researcher breaches or threatens to breach its obligations hereunder in any material respect. Accordingly, in the event of any such breach or threatened breach, in addition and not in limitation of any other rights, remedies or damages available to CSIR-NCL, CSIR-NCL shall be entitled to obtain a temporary, preliminary and/or permanent injunction in order to prevent or restrain any such breach by Transient Researcher or by any his/her agent, representative.
7. This Agreement constitutes no employment contract with CSIR/NCL.
8. The Agreement shall become effective by the signature of the contracting parties.
9. The disputes if any arising in context to this Agreement shall be resolved as per the Arbitration and Conciliation Act, 1996. The place of arbitration shall be at Mumbai and be conducted in English language.

Host/ mentor at CSIR/NCL

Date: 17/06/2019

Signature:

Name: DR. SNEHAL MORE



Transient Researcher

Date: 17/06/2019

Signature:

Name: Praachi Bhaskar Digh

Page 2 of 3

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। देवे बहुकरे सिव ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

Approved by AICTE & PCI, New Delhi

Recognized by Govt. of Maharashtra, DTE (MS)

Affiliated to Savitribai Phule Pune University, Pune (Permanently Affiliated - B. Pharm.)

& Maharashtra State Board of Technical Education, Mumbai

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Boosting Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Accredited by National Board of Accreditation (NBA)

Ref: MM/COP/TS/P/2019/33

Date: 10/05/2019

To,
The HR Manager,
Alkem Laboratories Limited (Research & Development),
Taloja Police Station, C-6/1 C-6/2 C-17/7,
Dist, Industrial Estate, Taloja, Navi Mumbai, Maharashtra 410208

Subject:- No Objection Certificate for M. Pharm Dissertation Work

Respected Sir/Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities. For M. Pharm Sem-III & IV, the student has to carry out dissertation work. The dissertation work may be carried out either in Industry or at Research Centre.


In this regard, the college has No Objection to carry out M. Pharm Dissertation Work of the following student in your esteemed organization.

Sr. No.	Name of the Student	Branch	Name of the Institute Guide
1	Mr. Vaibhav Murlidhar Janjire	M. Pharm in Pharmaceutics	Dr. Avinash R. Tekade

The project for dissertation may be done on any topic of interest of the industry. The student will have two guides for his /her projects work i.e. one from industry as a co-guide and from the institution. The student will also report his work progress once is fortnight to institution.


In this regard we are looking forward to have your co-operation.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Yours Faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon, Pune - 411 033 (MS)
Ph. No. 8446060841, E-mail : mmcopharm@rediffmail.com Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon, Pune-411 033

ALKEM LABORATORIES LIMITED

C-6/1, C-6/2 & C-17/7, MIDC Industrial Estate, Talaja, Talaja Patani,
District Thane, Navi Mumbai - 410208, INDIA
Phone: +91-22-27412731/27412732 Tele Fax: +91-22-27412747



REF: ALKEM/R&D/PT/VJ/12062019/AG

DATE: 12.06.2019

To,
Dr. Manohar, J. Patil
Marathwada Mitra Mandal's College Of Pharmacy

Respected Sir,

This is in reference to your recommendation letter dated 01.06.2019 regarding Project Training of your M.Pharm student, **Mr. Valbhav Janjire** with us. In this connection, please note that your application has been accepted and we are pleased to offer him a learning opportunity with us.

His Project Training would be for 6 Month starting from 05.06.2019 to 05.12.2019.

You are kindly requested to advise him to meet the undersigned on 05.06.2019 at 10:00 am at Talaja in below mentioned address:-

**Alkem Laboratories Ltd., Plot No: C-17/7, Opp. Talaja Police station, Near Dena Bank Bus Stop,
MIDC Industrial Area
Talaja - 410208 Tel. 022-27412731/32 / 30076200**

He is also expected to act within the applicable laws and regulations and internal procedures both in letter and spirit.

This letter should be not construed as an offer for employment in Alkem Laboratories Ltd and at no point in time during the training period, the trainee shall represent to any person, firm or entity that He is an employee of the company.

Regards,

Yours' Sincerely

For, Alkem Laboratories Ltd.

Pawan Sharma
Manager- Human Resources



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

ALKEM LABORATORIES LIMITED

C-6/1, C-6/2 & C-177, MIDC Industrial Estate, Talaja, Taluka Panvel,
District Raigad, Navi Mumbai - 410208, INDIA
Phone : +91 - 22 - 2741 2731 / 2741 2732 Tele Fax : +91 - 22 - 2741 2547



Ref: ALKEM/R&D/PT/VJ/06122019/AG

Date: 06/12/2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Vaibhav Janjire, a student of Marathwada Mitra Mandal's College Of Pharmacy, Pune. has undergone Project training at our R&D Centre, Talaja from 05/06/2019 to 06/12/2019.

During the above training period, he has shown keen interest while carrying out the given job responsibilities and he has acquired adequate practical knowledge in the referred area.

We wish him very best in future endeavours.

for, Alkem Laboratories Ltd,

Ritwik Das

AGM – Human Resources



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Mr. Sarvesh Goel
General Manager,
R&D Formulation,
ALKEM Laboratories.Ltd,
Navi Mumbai

CERTIFICATE

*This is to certify that the thesis work entitled
"Formulation and Development of Delayed Release Pellets Containing
Proton Pump Inhibitor."*


*Was successfully completed by Mr. Vaibhav Murlidhar Janjire under my
guidance in the laboratories of Alkem laboratories ltd, Taloja, Navi Mumbai
for the partial fulfillment of the requirement for Master of Pharmacy
,affiliated to Savitribai Phule Pune University, Pune, Maharashtra.*

DATE: 05/12/2019

PLACE: NAVI MUMBAI


Mr. Sarvesh Goel
INDUSTRIAL GUIDE




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033





। देवे नृणां हि ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

Approved by AICTE & PCI, New Delhi

Recognized by Govt. of Maharashtra, DTE (MS)

Affiliated to Savitribai Phule Pune University, Pune (Permanently Affiliated – B. Pharm.)

& Maharashtra State Board of Technical Education, Mumbai

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP

Building Future & Hope

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

APPROVED FOR THE PURPOSE OF ACADEMIC AFFILIATION (MS)

Ref: MM/COP/T&P/2019/087

Date: 01/06/2019

To,
The HR Manager,
Lupin Ltd,
MIDC Industrial Area, Chilkalthana,
Aurangabad, Maharashtra 431006

Subject:- No Objection Certificate for M. Pharm Dissertation Work

Respected Sir/Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities. For M. Pharm Sem-III & IV, the student has to carry out dissertation work. The dissertation work may be carried out either in Industry or at Research Centre.


In this regard, the college has No Objection to carry out M. Pharm Dissertation Work of the following student in your esteemed organization. However due to change in syllabus by Pharmacy Council of India, student has to attend the Research Methodology course lectures at Institute on every Friday & Saturday till the University Examination for the subject Research Methodology is over (i.e. only for Sem-III). In the Semester-IV, the student can attend the Industry/ Research Organization for all days of work.

Sr. No.	Name of the Student	Branch	Name of the Institute Guide
1	Mr. Mahesh M. Nimnawad	M. Pharm in Pharmaceutics	Dr. Avinash R. Tekade

The project for dissertation may be done on any topic of interest of the industry. The student will have two guides for his /her projects work i.e. one from industry as a co-guide and from the institution. The student will also report his work progress once in a week to institution.

In this regard we are looking forward to have your co-operation.

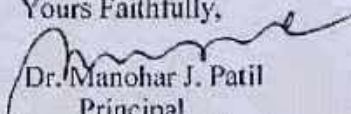
Thanking you,


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell



Yours Faithfully,


Dr. Manohar J. Patil
Principal

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pump Road, Thergaon, Pune – 411 033 (MS)

Ph. No. 8446060841, E – mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

COLLABORATIVE RESEARCH PROJECT AGREEMENT

The purpose of this agreement is to ensure that the research work experience is productive and beneficial to both parties. This agreement outlines the obligations of the M.Pharm research student and the organization hosting the M.Pharm research student.

This collaborative research work agreement is between Mr. Mahesh Madhav Nimmawad (Nandanvan Colony, Majoge Nagar, Latur) a student of Marathwada Mitra Mandal's College of Pharmacy, which has agreed to work as research student and Fusion Scientific Laboratories Pvt. Ltd. Plot No. R-656, TTC Industrial Area, Rabale, Navi Mumbai - 400 701

This collaborative research work will begin upon 24th June, 2019 and will be completed upon 30th April 2020.

The collaborative research work may be terminated at any time by either party by one month Notice.

I, Mr. Mahesh Madhav Nimmawad, acknowledge that I have been given a unique opportunity to gain valuable professional experience. I have reviewed the scope of research work and feel confident that I will be able to fulfill the collaborative research work responsibilities described in a timely and professional manner. I also acknowledge that this collaborative research work is to be considered as an academic experience and that my performance will be evaluated based upon the following criteria:

- ✗ my ability to perform in a professional manner, as indicated by my ability to arrive on time,
- ✗ my ability to meet deadlines, my ability to take initiative in learning, and my ability to interact with my supervisors and colleagues;
- ✗ my learning during the collaborative research work, as indicated by my ability to fulfill the scope of work and my development of the skills identified in the work plan;
- ✗ the evaluation of my supervisor;
- ✗ a report to be completed within two weeks of the end of the collaborative research work describing my learning experience.

I accept the collaborative research work, which has been awarded to me by the Fusion Scientific Laboratories Pvt. Ltd. and understand the following:

- a. **CONFIDENTIALITY** :- To keep confidential any and all unpublished information made known to me by the accepting office or department during the course of my collaborative research work that I know or ought to have known has not been made public, and except with the explicit authorization of the organization, not to publish any reports or papers on the basis of information obtained during the collaborative research work, both during and after the completion of my collaborative research work;



Contd..2/-

FUSION SCIENTIFIC LABORATORIES PVT. LTD

■ Formulation Development ■ Analytical Services ■ Instrumentation

Plot No. R-656, MIDC, TTC Industrial Area, Rabale, Navi Mumbai - 400 701, India.
Tel.: 022 - 2760 006 / 7 ■ Website : www.fstin.com ■ Email : info@fstin.com
CIN : U73100MH2011PTC219521

PRINCIPAL**Marathwada Mitra Mandal's
COLLEGE OF PHARMACY**

Therap... (Latur) Pune-411 033

NON DISCLOURE:- To keep Confidential details such as molecule name and other data or deemed critical by the company and not disclosed in the Project thesis or any other report generated by the Intern.

M.Pharm student should understand all data, report, design, bio-study results etc, relevant are the sole ownership of the company.

M.Pharm student will get the all the data pre-approved by the company before incorporating in the report/ Thesis.

- b. To provide the Research Guide with a copy of all materials prepared during my collaborative research work;
- c. To provide monthly attendance record of M.Pharm student in the first week of every month to Marathwada Mitra Mandal's College of Pharmacy
- d. To provide immediate written notice in case of illness or other circumstances which might prevent me from completing the internship;
- e. To complete the collaborative research work evaluation questionnaire at the end of my work tenure and to submit it to the research guide of the research work;
- f. The information provided in the attached M. Pharm Student Information is true to the best of my knowledge

Mentor Agreement

I, Ms. Rashmi Prasade agrees to mentor Mr. Mahesh Madhav Nimmawad as an intern at Fusion Scientific Laboratories Pvt. Ltd. I acknowledge that this will be an academic experience as well as a professional experience for the M. Pharm student, and agree to provide learning assistance and supervision throughout the collaborative research work.

Research student: - Mahesh Nimmawad

Sign & Date

Mahesh
04/07/2019

Research Guide: Dr. Avinash R. Tekade

Sign & Date

AVINASH
3/8/2019

Mentor's:

Rashmi Prasade

Sign & Date

Rashmi
04/07/2019



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

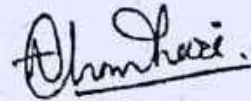
Mr. Abhishek V. Chaudhary
Research Scientist

Fusion Scientific Navi Mumbai
Pune400701


CERTIFICATE

This is to certify that the studies incorporated in the thesis entitled "Formulation and Development of Hard Gelatin Capsules for the Treatment of Wilson's Disease" for Degree of Master of Pharmacy in Pharmaceutics has been carried out by Mr. Mahesh M. Nimmawad, in the Laboratories of Fusion Scientific Pvt. Ltd., Navi Mumbai-400701, under my guidance and to my satisfaction. This report is now ready for examination. Such materials as obtained from other sources have been duly acknowledged in the thesis.

Date: 15 DEC 20
Place: Thergaon, Pune.



Mr. Abhishek V Chaudhary
(Industrial Guide)



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। शोधे महत्ताये हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

Approved by AICTE & PCI, New Delhi

Recognized by Govt. of Maharashtra, DTE (MS)

Affiliated to Savitribai Phule Pune University, Pune (Permanently Affiliated – B. Pharm.)

& Maharashtra State Board of Technical Education, Mumbai

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP

Building Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaleb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T & P / 2019 / 084

Date: 01/06/2019

To,
The HR Manager,
Emcure Pharmaceuticals Limited
T 184, Emcure House, Bhosari Telco Road, M.I.D.C.,
Bhosari, Pimpri-Chinchwad, Pune-Maharashtra 411026

Subject:- No Objection Certificate for M. Pharm Dissertation Work

Respected Sir/Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities. For M. Pharm Sem-III & IV, the student has to carry out dissertation work. The dissertation work may be carried out either in Industry or at Research Centre.

In this regard, the college has No Objection to carry out M. Pharm Dissertation Work of the following student in your esteemed organization. However due to change in syllabus by Pharmacy Council of India, student has to attend the Research Methodology course lectures at Institute on every Friday & Saturday till the University Examination for the subject Research Methodology is over (i.e. only for Sem-III). In the Semester-IV, the student can attend the Industry/ Research Organization for all days of work.

Sr. No.	Name of the Student	Branch	Name of the Institute Guide
1	Ms. Shweta Vilas Nagpurkar	M. Pharm in Pharmaceutics	Dr. Smitha Gandra

The project for dissertation may be done on any topic of interest of the industry. The student will have two guides for his /her projects work i.e. one from industry as a co-guide and from the institution. The student will also report his work progress once in a week to institution.

In this regard we are looking forward to have your co-operation.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours Faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon, Pune - 411 033 (MS)

Ph. No. 8446060841, E-mail : mmcopharm@yahoo.com Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure

Ref: Emc: HR: 2019
03.06.2019


Shweta Nagpurkar
Laxmi Society,
Nadhenagar,
Kalewadi, Pune-17.

Dear Ms. Shweta,

Sub: In-Plant Training

1. This has reference to your application for providing you training at our facility.
2. You will be imparted training for a period of **Six Months** .
3. You are not entitled for any transport facility and you will have to make your own arrangements of commutation.
4. You are allowed to use our canteen facility during your training period.
5. On the first day of the training you will be given training schedule by Head H R / Designate.
6. Head HR / Designate will explain you about practices to be followed such as entry and exit procedure, jewelry / ornament policy, personal hygiene, safety and protective clothing.
7. You are expected to observe all Safety rules, work practices and follow the instructions given to you from time to time in this regard.
8. You will strictly follow the schedule of training and after completion of the training in the concerned department you are required to obtain the signature of the concerned department Head / Executive on the training Schedule.
9. You will follow all the instructions of the department head / designated trainer.
10. You will be allotted a locker to keep your belongings. The same should be kept in the given locker only.
11. You are not allowed to use **cell phone** in the facility. In case of emergency you may use company land line with prior permission of the Department Head.
12. You will strictly adhere to your reporting timings, lunch breaks, tea breaks etc.
13. You are not allowed to visit areas other than your designated department.
14. In case you are required to take leave for emergent reasons, you should apply for the same and get it approved by the concerned Department Head / Trainer.
15. Please note that the leaves taken during the training period will be mentioned in the Certificate.




PRINCIPAL
Macathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

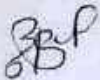
Emcure

16. You will not at all take copies of any document, formulae, processes, operating procedures, data or drawings for whatsoever.
17. All rules and regulations mentioned above should be followed strictly; failing which you are liable for strict action.
18. This arrangement of providing you training is strictly for your academic requirement and there will not be any employer-employee relationship between you and company.
19. Company is not responsible for any loss, damage, theft or injury to you.
20. Please sign the duplicate copy of this letter in acknowledgement of your acceptance of the above terms and conditions.
21. We welcome you to our Organization and are sure that you will enhance your learning and will be beneficial for your future profession.
22. We wish you a very happy association.

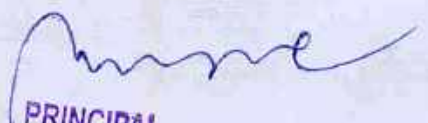
Thanking you,

Yours truly,

For **Emcure Pharmaceuticals Ltd.**



Authorized Signatory



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Taylor & Francis
Taylor & Francis Group

ISSN Print: 2229-7928
ISSN Online: 2230-7532

A State-of-the-art Review on Applications of Different Analytical Techniques for Some ACE Inhibitors

**Sandip D. Firke¹, Komal R. Bhoi¹, Kiran R. Patil¹, Shubham D. Jayswal¹,
Avinash R. Tekade², Shailesh S. Chalikwar^{1*}**

¹ Department of Pharmaceutical Quality Assurance and Pharmaceutical Chemistry,
R. C. Patel Institute of Pharmaceutical Education and Research,
Shirpur, Dist. Dhule 425 405 (MS), India

² Department of Pharmaceutics, Marathwada Mitramandal's College of Pharmacy,
Thergaon, Pune 411 033 (MS), India

Received 12 August 2019; accepted in revised form 08 January 2020

Abstract: Angiotensin converting enzyme inhibitors are being used for controlling acute and chronic high blood pressure which inhibits the angiotensin converting enzyme. The pharmaceutical analysis of drugs requires effective and efficient analytical methods for quality control, as well as pharmacodynamic and pharmacokinetic studies. In this review article, an extensive survey in analytical chemistry journals had been conducted and varied analytical methods developed so far and used for the estimation of some ACE inhibitors in bulk drugs, formulations, and biological fluids have been reviewed. This review covers over sixty reported analytical methods which embrace capillary electrophoresis, conductometry, HPLC, HPTLC, and electrochemical methods. Bestowed applications concern analysis of ACE inhibitors a single component or in multi-component from pharmaceutical formulations and biological samples. The article will help analysts while selecting the crucial parameters in the development of new method for the estimation of ACE inhibitors.

Key word: ACE inhibitors; capillary electrophoresis; electrochemical analyser; LC-MS; HPLC; HPTLC.

Introduction

Conjointly known as high blood pressure (HBP), hypertension (HTN) is a condition in which the blood force against the artery walls is too big. In the United States, some 85 million people have high blood pressure. It is estimated that unregulated HTN is responsible for 7.5 million deaths per year worldwide¹ and accounts for more than \$47 billion spent on health care services, medications and the absent population in the United States alone². It is expected that 1.56 billion people are to suffer from HTN by 2025. Different sporadic controlled trials have

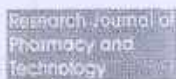
incontrovertible findings that suggest that even minor blood pressure decreases like 10 mm of Hg reduces patients risk of death from cardiovascular disease by 25% and similarly decreases the risk of stroke-related mortality by 40%³, demonstrating the urgent need for new therapies in the treatment of this disease.

Angiotensin converting enzyme inhibitors (ACE inhibitors) are medications that slow (inhibit) the activity of the enzyme ACE, which decreases the production of angiotensin II (Fig. 1). As a result, blood vessels enlarge or dilate, and blood pressure is reduced. This lower blood pres-

*Corresponding author (Shailesh S. Chalikwar)
E-mail: <pharmashailsh@rediffmail.com >




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Research Journal of Pharmacy and Technology
Year : 2020, Volume : 13, Issue : 3
First page : (1236) Last page : (1242)
Print ISSN : 0974-3618. Online ISSN : 0974-360X.
Article DOI : [10.5958/0974-360X.2020.00228.0](http://dx.doi.org/10.5958/0974-360X.2020.00228.0) (<http://dx.doi.org/10.5958/0974-360X.2020.00228.0>)

Journal Home (?target=ijor:rjpt&type=home)
Current Issue (?target=ijor:rjpt&type=current_issue)
Archive / Issues (?target=ijor:rjpt&type=archive)
Registration (?target=register)
Subscribe (?target=ijor:rjpt&type=subscribe)
Editorial Board (?target=ijor:rjpt&volume=13&issue=3&type=eboard)
Aims & Scope (?target=ijor:rjpt&type=aimscope)
Author Guidelines (?target=ijor:rjpt&volume=13&issue=3&type=for_authors)
News & Events (?target=ijor:rjpt&type=newsnews)
Subscribe TOC Alerts (?target=ijor:rjpt&type=loc_aleris)

Development and Validation of Novel Analytical Method for Empagliflozin and Metformin Hydrochloride in Bulk and Pharmaceutical Dosage Form by Four Different Simultaneous Estimation Approaches using UV Spectroscopy

Munde Manojkumar K.^{1,2,*}, Kulkarni Nilesh S.², Khiste Rahul H.³, Sen Dhanya B.¹

¹Department of Pharmacy, Sumandeep Vidyapeeth Deemed to be University, Piparia, Vadodara-391760, Gujarat, India.

²PES Modern College of Pharmacy (for Ladies), Moshl, Maharashtra, Pune, India. Affiliated to Savitribai Phule Pune University, Pune

³Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-411033, Maharashtra, India. Affiliated to Savitribai Phule Pur University, Pune.

*Corresponding Author E-mail: manojpcist@gmail.com (<mailto:manojpcist@gmail.com?cc=gbehal@indianjournals.com>)

Online published on 22 April, 2020.

Abstract

Four new UV spectrophotometric methods namely simultaneous equation, absorbance ratio, area under curve and first derivative (zero crossing) spectroscopic methods were developed and validated for simultaneous estimation Empagliflozin and Metformin hydrochloride in bulk and tablet formulation. In simultaneous equation method, absorbance was measured at 224 and 232 nm for both the drugs. Empagliflozin and Metformin hydrochloride was estimated using 224 and 232 nm in absorbance ratio method. In Area under curve method both drugs were estimated at 224 and 232 nm respectively. First derivative (zero crossing) method was based on the transformation of UV spectra in to first derivative spectra followed by measurement of first derivative signal at 224 a 232 nm for Empagliflozin and Metformin hydrochloride, respectively using 2 nm as wavelength interval ($\Delta\lambda$) and 1 as scaling factor. Methods were found to be simple, fast, highly sensitive, cost effective and hence can be useful for simultaneous estimation of Empagliflozin and Metformin hydrochloride in commercial tablet formulation for routine quality control analysis.

Keywords

Simultaneous equation, absorbance ratio, area under curve method, first derivative (zero crossing) spectroscopic methods, tablet formulation.

[Buy Now](#) (?)

[PDF](#) (?)

[target=ijor:rjpt&volume=13&issue=3&article=033&type=subscribearticle](http://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=13&issue=3&article=033&type=subscribearticle) [target=ijor:rjpt&volume=13&issue=3&article=033&type=pdf](http://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=13&issue=3&article=033&type=pdf)

In case you have already subscribed for the Article/Publication, please login, using the panel provided above.

OR

For Information regarding subscription please [click here](#) (?target=ijor:rjpt&type=subscribe).

OR

For a comprehensive list of other publications available on indianjournals.com please [click here](#) (?target=paid_journals_list)



(Signature)
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

RESEARCH ARTICLE

Simultaneous Equation and Area Under the Curve Spectrophotometric Methods for Estimation of Ranolazine Hydrochloride Presence of its Base-induced Degradation Product: A Comparative Study

Rahul H. Khiste^{1*}, Aishwarya S. Ambekar¹, Nilesh S. Kulkarni²

¹Department of Quality Assurance Technique, Marathwada Mitra Mandal's College of Pharmacy (Affiliated to Savitribai Phule Pune University), Pune, Maharashtra, India, ²Department of Pharmaceutics, PES Modern College of Pharmacy (For Ladies) (Affiliated to Savitribai Phule Pune University), Pune, Maharashtra, India

Received on: 20 April 2019; Revised on: 25 May 2019; Accepted on: 12 June 2019

ABSTRACT

Two simple spectrophotometric methods were developed and validated for the determination of ranolazine hydrochloride in the presence of its base-induced degradation product, namely simultaneous equation method using two wavelengths of 272 and 249 nm method (A) and area under the curve method using two wavelength ranges of 267–277 nm and 244–254 nm method (B). The accuracy, precision, and linearity ranges of the planned methods were firm. The methods were validated and the specificity was assessed by analyzing synthetic mixtures containing the drug and its degradant. The two methods were useful for the determination of the cited drug in its pharmaceutical preparation and the obtained results were statistically compared with those of a reported method. The comparison shows that there is no important difference between the proposed methods and the reported method about both accuracy and precision.

Keywords: Base degradation, ranolazine hydrochloride, spectrophotometric methods

INTRODUCTION

Ranolazine hydrochloride (RS)-N-(2,6-dimethylphenyl)-2-[4-[2-hydroxy-3-(2-methoxyphenoxy)-propyl]piperazin-1-yl]acetamide [Figure 1] is an antianginal class. Ranolazine HCl is available as tablet dosage form 1 to 2. Ranolazine is not official in pharmacopoeia. A few methods in literature were reported for the determination of ranolazine HCl by ultraviolet (UV)-visible spectroscopy, high-performance liquid chromatography (HPLC), and high-performance thin-layer chromatography method.^[1-5] Although these techniques are sufficiently sensitive, they use expensive instrument and time consuming. The present UV method is a simple method and does not include

complicated solvent system development as required for liquid chromatography.^[4,5] Therefore, this study aimed to develop and validate simple, rapid, accurate and specific, fast, low cost, and selective methods for routine quality control analysis of pharmaceutical product containing ranolazine HCl. UV spectrophotometry is an easy to use and robust method for the quantification of drugs in formulation when there is no interference from excipients.^[6]

Experimental

Instruments

SHIMADZU UV-1800 PC dual-beam UV-visible spectrophotometer was used.

Software


UV-Probe personal spectroscopy software version 2.1 (SHIMADZU) was used.

***Corresponding Author:**

Dr. Rahul H. Khiste,
E. mail: rahulkhiste@yahoo.com

© 2019, IJPBA. All Rights Reserved




202
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Development of Validated Stability-indicating RP-HPLC Method for Determination of Novel Directly Acting Antiviral agent and Characterization of its Degradants by LC-ESI-MS

Babita Agarwal^{1*}, Santosh Gandhi²

¹Department of Pharmaceutical Chemistry, Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra, INDIA.

²Department of Pharmaceutical Chemistry, AISSMS College of Pharmacy, Shivaji Nagar, Pune, Maharashtra, INDIA.

ABSTRACT

Aim: The current study was performed to develop and validate stability indicating high performance liquid chromatography method (RP-HPLC) for determination of ledipasvir (LPR); to identify and characterize its major degradants by liquid chromatographic-tandem mass spectrometric method (LC-ESI-MS). **Materials and Methods:** The method was developed using reverse phase gradient elution and validated for standard ICH parameters. The optimized mobile phase comprised of acetonitrile:water with 0.2 % formic acid (70:30% v/v) at 1 ml/min flow rate with satisfactory retention time (t_R), theoretical plates and good resolution of LPR and its degradants. Further, forced degradation under acid, base, thermal, photolytic and oxidative stress conditions was studied as per ICH guidelines. LC-ESI-MS with time of flight analyser was used to characterize the degradants. The degradation pathways for major degradants were proposed. **Results:** The developed method had retention time of 6 mins. The RSD for system was found to be less than 2% whereas mean recovery was obtained 97.2 – 102.5%. Linearity range of 5-30 µg/ml with 0.998 regression coefficient (R²) was observed. Detection and quantification limits were obtained as 0.010 µg/mL and 0.032 µg/mL, respectively. LPR was stable in photolytic and thermal environments whereas degraded in acid, base and oxidative states. LC-ESI-MS was used effectively for characterization and structural elucidation of degradants. **Conclusion:** The results indicated that validated RP-HPLC technique can be employed for routine analysis of LPR in bulk and dosage formulas and also would be capable of separating degradants from analyte peak.

Key words: RP-HPLC, LC-ESI-MS, Ledipasvir, Stability indicating ICH method, Validation, Degradation pathway.

INTRODUCTION

Viral hepatitis has become a serious public health concern as it affects more than 3% of world population. Out of this more than 1% of the population is infected by hepatitis C virus (HCV).^{1,2} The prevalence of HCV infection doubled between 2010-2014 and till date. Annually almost 1.75 million infections are reported worldwide for HCV infection.³ If HCV infection remains untreated; can progress to cirrhosis, fibrosis and hepatocellular carcinoma.⁴ Such long-term problems are fatal, lethal and a

reason for 96% of the deaths owing to viral hepatitis. The people infected with HCV are unaware about the infection, as they don't receive the well identified symptoms till complications emerge. The people may be infected for a period greater than 30 years before they develop clinical symptoms.

Till the development of directly acting antivirals (DAA), ribavirin in combination with the PEGlyated interferon was the only option available for the treatment. Nonetheless, it has been accompanied

Submission Date: 19-12-2019;

Revision Date: 14-04-2020;

Accepted Date: 02-10-2020

DOI: 10.5530/ijper.54.4.212

Correspondence:

Mrs. Babita Agarwal

Department of

Pharmaceutical Chemistry,

Marathwada Mitra Mandal's

College of Pharmacy, Pune,

Maharashtra, INDIA.

Phone: +91 9822544595

E-mail: babita_a_agarwal@

yahoo.co.in



www.ijper.org

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Research Article

RP-HPLC and UV-Spectrophotometric Methods Development and Validation for Simultaneous Estimation of Teneligliptin and Metformin in Fixed Dose Combination.

Anuruddha Chabukswar¹, Pramod Sakpal^{2*}

¹School of Pharmacy, Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune – 411038, Maharashtra, India.

²Department of Pharmaceutical Chemistry, Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune – 411033, Maharashtra, India.

Received 09 May 2019; received in revised form 02 June 2019; accepted 02 June 2019

*Corresponding author E-mail address: psakpal18@gmail.com

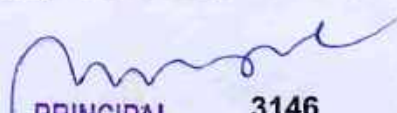
ABSTRACT

The reliable, economical, sensitive and reproducible RP-HPLC and UV- Spectrophotometric methods were developed and validated for the simultaneous estimation of Teneligliptin (TEN) and Metformin (MET) in combined dosage form. In the RP-HPLC method the mobile phase used was 50mM potassium dihydrogen orthophosphate (KH₂PO₄) buffer: Methanol (40:60) at P^H 3.0 and flow rate was 1.0 ml per min. The method was scanned at λ_{max} 250 nm for both the drugs. The linearity range for MET and TEN was found to be 200 - 600 µg/ml and 1 - 30 µg/ml with regression correlation coefficient (R²) 0.9996 and 0.9991 respectively. The retention time for Metformin and Teneligliptin was found to be 10.3 min and 21.56 min respectively. The UV-Spectrophotometric simultaneous equation and Absorption Ratio methods were developed and validated in which the λ_{max} for Metformin and Teneligliptin was found to be 232 nm and 243 nm, the Isoabsorbative point was found to be 249 nm. The linearity for both the drugs was found to be 5-30 µg/ml and regression coefficient equation was 0.9896 and 0.9988 for MET and TEN respectively. The developed methods of RP-HPLC and UV-Spectrophotometry were validated as per ICH guidelines.

KEYWORDS

Teneligliptin (TEN), Metformin (MET), Correlation equation; RP-HPLC, UV-Spectrophotometry, ICH Guidelines.




PRINCIPAL 3146
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH

An International Journal published monthly

An Official Publication of Society of Pharmaceutical Sciences and Research


[Editorial Board](#)
[Current Issues](#)
[Archives](#)
[Instructions to Authors](#)
[Manuscript Submission](#)
[Conference Proceedings](#)
[Home](#)

STABILITY INDICATING RP – HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF AMLODIPINE AND CHLOROTHALIDONE IN BULK AND TABLET DOSAGE FORM

STABILITY INDICATING RP – HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF AMLODIPINE AND CHLOROTHALIDONE IN BULK AND TABLET DOSAGE FORM

HTML Full Text

STABILITY INDICATING RP - HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF AMLODIPINE AND CHLOROTHALIDONE IN BULK AND TABLET DOSAGE FORM

P. H. Sakpal¹ and A. R. Chabukswar²

Department of Pharmaceutical Chemistry¹, Marathwada Mitra Mandal's College of Pharmacy, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411033, Maharashtra, India.

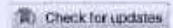
Department of Pharmaceutical Chemistry², School of Pharmacy, Dr. Vishwanath Karad MIT World Peace University, Kothrud, Pune - 411038, Maharashtra, India.

ABSTRACT: The RP-HPLC stability-indicating assay method has been developed and validated for the estimation of the amlodipine and chlorthalidone in bulk and combined dosage form. The method was optimized by using the mobile phase as a mixture of 0.1% formic acid: methanol: acetonitrile in the ratio of (50:5:45 v/v) at



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

RESEARCH ARTICLE



Solubilization and determination of solution thermodynamic properties of itraconazole in different solvents at different temperatures

Sachin K. Jagdale^{a,b} and Rajesh B. Nawale^c

^aDepartment of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra, India; ^bY B Chavan College of Pharmacy, Rauza Bagh, Aurangabad, India; ^cDepartment of Pharmacology, Government College of Pharmacy, Aurangabad, Maharashtra, India

ABSTRACT

The solubility of itraconazole (ITRA) in thirteen pure solvents including water, dimethyl sulphoxide, acetonitrile, methanol, 1,4-butanediol, ethanol, isopropyl alcohol, n-butanol, octanol, ethyl acetate, toluene, benzene, 1,4-dioxane were estimated at the temperatures ranging from 293.15 K to 318.15 K under atmospheric pressure (0.1 MPa). The results reflected that the solubility of ITRA was a function of temperature and was increased with a rise in temperature in each solvent. Moreover, the solubility in polar solvents was less and found to be increased in non-polar solvents. Furthermore, the results of solubilization were correlated by the Van't Hoff equation, the modified Apelblat equation, the Buchowski–Ksiazczak λh equation, and the polynomial empirical equation. The polynomial empirical equation proved to be more accurate and suitable for the correlation of solubilities of ITRA in studied solvents at various temperatures. Besides, theoretical ideal solubilities, activity coefficients, and thermodynamic properties of the solution process including standard molar enthalpy, entropy, Gibbs free energy, and excess enthalpy were calculated from the experimental solubility data. These thermodynamic parameters indicated that the solubilization process was not spontaneous, endothermic, and enthalpy driven. Such thermodynamic based solubility data of ITRA will be of immense help in solubilization, synthesis, process development, preformulation, and dosage form development in pharmaceuticals.

ARTICLE HISTORY

Received 13 October 2018
Revised 7 February 2019
Accepted 28 March 2019

KEYWORDS

Itraconazole; solubilization; thermodynamic model based solubility correlation; activity coefficient; solution thermodynamics; excess enthalpy

Introduction

Itraconazole (ITRA) (Figure 1; IUPAC name (\pm) -1-[(RS)-s-butyl]-4-[p-[4-[p-[(2R,4S)-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl] methoxy] phenyl]-1-piperazinyl] phenyl]- Δ^2 -1,2,4-triazolin-5-one; molecular formula $C_{35}H_{38}Cl_2N_8O_4$ with molar mass $705.64 \text{ g mol}^{-1}$) appears as white crystalline powder.

ITRA is a triazole derivative [1] possessing a wide spectrum of activity against variety of fungal species such as *Trichophyton*, *Candida*, *Cryptococcus*, *Neoformans*, *Aspergillus*, *Pseudallescheria boydii*, *Blastomyces* [2–4]. It is effective against local fungal infections caused by dermatophytes as well as systemic fungal infections [5,6]. Antifungal activity is mainly linked with cytochrome P450 enzyme – lanosterol C14 α demethylase (CYP51). This enzyme catalyzes the major step involved in the conversion of lanosterol to ergosterol [7,8]. ITRA inhibits this CYP51 resulting in accumulation of 14 α -methyl sterols in the fungal cell membranes. These sterols are unlike in shape as compared to ergosterol. Amassing of such sterols lead to altered membrane permeability and dysfunctioning of membrane proteins finally leading to fungal cell death [9].

ITRA is a highly lipophilic drug ($\log P=6.2$) with poor aqueous solubility (less than 1 ng/ml) [10–12]. Owing to such physicochemical properties, it belongs to class II of the biopharmaceutical classification system with poor solubility and high permeability [13]. It was reported that dissolution is rate limiting step which subsequently reduces *in vivo* absorption of ITRA leading to the limited oral bioavailability of 10–20% [14].

Moreover, numerous efforts have been made to improve the solubility and dissolution of ITRA. It included solid dispersion [15], eutectic mixtures [16], hot melt extrusion [17], polymeric micelle [18], nanosuspension [19], cocrystallization [20], and nanoemulsion [21]. The solubility data of solutes in different solvents is an important indicator and serves as a useful tool in design, development, and optimization of different pharmaceutically important processes like preformulation, solubilization, synthesis, purification, crystallization, pharmaceutical dissolutions, and formulation developments [22–24]. For the development of above pharmaceutically important processes; the selection of suitable solvent, their solubilizing power, and the suitable temperature is critical and has a significant impact over the process capabilities [25]. Therefore, it is important to obtain comprehensive solubility and solution thermodynamic data of drug in different solvents at different temperatures. Different pure solvents like water, dimethyl sulphoxide, acetonitrile, methanol, 1,4-butanediol, ethanol, isopropyl alcohol, n-butanol, octanol, ethyl acetate, toluene, benzene, and 1,4-dioxane are commonly preferred in above mentioned pharmaceutical processes for enhancement of solubility of poorly water-soluble active pharmaceutical ingredients like ITRA. All these solvents are preferred due to their solubilization/stabilization effects over numerous poorly soluble/degradable drug substances [26]. Moreover, DMSO has been used in the commercially available subcutaneous implant formulations of leuprolide acetate and topical formulation of idoxuridine [27,28]. Acetonitrile is widely used



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Estimation and Correlation of Solubility of Practically Insoluble Drug Itraconazole in 1,4-Butanediol + Water Mixtures Using Extended Hildebrand Solubility Approach

Sachin K. Jagdale¹ · Rajesh B. Nawale²

© Springer Science+Business Media, LLC, part of Springer Nature 2019

Abstract

Purpose Extended Hildebrand solubility approach (EHSA) was applied to estimate and correlate the solubilities of itraconazole in 1,4-butanediol + water mixtures at 298.15 K.

Methods Experimental solubilities and properties like entropy of fusion and ideal mole fraction solubilities were determined. EHSA was applied to estimate interaction parameter 'W' to understand the solute solvent interaction. Theoretical solubilities were calculated by using 'W' as a function of solubility parameter of solvent blend (δ_1) and by direct method using logarithmic experimental solubilities ($\log X_2$) against solubility parameter of solvent mixture (δ_1). Prediction capacities of EHSA and direct method were compared using mean percent deviations obtained while comparing theoretical solubilities with experimental ones.

Results Itraconazole solubility was increased in all the proportions of solvent mixtures and was found to be highest at 0.9 mass fraction of 1,4-butanediol where solubility parameter of drug matched with solvent mixture. Prediction capacity of EHSA was found to be better with regular polynomial equation of order 5 with mean deviation of -1.69%.

Conclusions Using EHSA, the solubility of any solute can be adequately predicted with the knowledge of few physicochemical properties.

Keywords Itraconazole · 1,4-Butanediol + water solvent mixture · Solute solvent interactions · Extended Hildebrand solubility approach · Solubility parameter

Introduction

Triazole antifungal agents are commonly preferred against broad spectrum of fungal infections caused by different species [1, 2]. Itraconazole (Fig. 1) is a classic example of this category and more commonly recommended for oral [3, 4], topical [5], and intravenous [6] as well as ocular applications [7] to treat several fungal infections. According to the biopharmaceutics classification system (BCS), it is classified as BCS class II drug owing to its practically insoluble characteristics [8]. Such physicochemical properties restrict the

applications of itraconazole. Also, its behavior in aqueous and aqueous miscible solvents is not fully understood until date. Under the purview of these facts, cosolvency could be regarded as one of the best techniques to overcome the solubility issues in pharmaceutical sciences for process and product development [9–11]. It is notable that the knowledge about drug's behavior in solution form is useful for purification, crystallization, preformulation, and dosage form developments. Due to such reasons, estimation of drug solubilities in all the probable cosolvent mixtures is valuable to generate the comprehensive physico-chemical data about the industrially important solution forms of the drug.

It is well known that various empirical models have been developed for the correlation and prediction of solubility. These models are capable of predicting the solubility of any solute in neat as well as in solvent blends by the correlation of various physicochemical properties [12–14]. In literature, such models have been used for variety of pharmaceutical applications like formulation design and development [15, 16], prediction of drug activity [17], purification and

✉ Rajesh B. Nawale
nawalepubs@gmail.com

¹ Department of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, Thergaon (Kalewadi), Pune, Maharashtra, India

² Department of Pharmacology, Government College of Pharmacy, Aurangabad, Maharashtra 431005, India





Extended Hildebrand Solubility Approach: Prediction and Correlation of the Solubility of Itraconazole in Triacetin: Water Mixtures at 298.15°K

Genişletilmiş Hildebrand Çözünürlük Yaklaşımı: 298,15°K'da İtrakonazolün Triasetin: Su Karışımlarında Çözünürlüğünün Belirlenmesi ve Korelasyonu

© Sachin JAGDALE¹, © Rajesh B NAWALE^{2*}

¹Marathwada Mitra Mandar's College of Pharmacy, Department of Pharmaceutics, Thergaon, Pune, India.
²Government College of Pharmacy, Department of Pharmacology, Aurangabad, Maharashtra, India

ABSTRACT

Objectives: The aim of the study is to explore the suitability of an empirical approach for the extended Hildebrand solubility approach (EHSA) to predict and correlate the solubility of the crystalline drug itraconazole (ITRA) in triacetin: water mixtures.

Materials and Methods: The physicochemical properties of ITRA like fusion enthalpy, solubility parameter, and ideal mole fraction solubility were estimated. The solubilities of ITRA in mixed solvent blends comprising triacetin: water were determined at 298.15°K. Theoretical solubilities were back calculated using a polynomial regression equation of the interaction energy parameter W as a function of the solubility parameter (δ_1) of the solvent mixture. Similarly, the solubilities were predicted by direct method based on the use of logarithmic experimental solubilities ($\log X_1$) against the solubility parameter (δ_1) of the solvent mixture. The predictive capabilities of both EHSA and the direct method were compared using inter-percent deviations.

Results: The solubility of ITRA was increased in all the triacetin: water blends and was highest in the blend in which the solubility parameter of ITRA equaled that of the solvent mixture. The prediction capacities of the direct method (mean % deviation was -1.89%) were better than those of EHSA (mean % deviation was 9.76%) in the fifth order polynomial.

Conclusion: The results indicated that the solubility of any crystalline solute can be adequately predicted and correlated with the more knowledge of physicochemical properties and EHSA. The information could be of help in process and formulation development.

Key words: Itraconazole, extended Hildebrand solubility approach, interaction energy, solubility parameter, prediction, correlation of solubilities

ÖZ

Amaç: Triasetin: su karışımlarında kristal formdaki İtrakonazol (ITRA)'nin çözünürlüğünün genişletilmiş Hildebrand çözünürlük yaklaşımı (EHSA) için uygunluğunun deneysel bir yaklaşımla tahmin ve korele edilmesi bu araştırmanın amacıdır.

Gereç ve Yöntemler: ITRA'nın füzyon entalpisi, Hildebrand çözünürlük yaklaşımı çözünürlük parametresi ve ideal mol oranı gibi fizikokimyasal özellikleri tahmin edilmiştir. ITRA'nın triasetin: sudan oluşan karışım halindeki çözeltilerdeki çözünürlükleri 298,15°K'da belirlenmiştir. Teorik çözünürlükleri çözelti karışımındaki çözünürlük parametresi (δ_1)'nin bir fonksiyonu olarak etkileşim enerji parametresi W kullanılarak polinomiyal regresyon denklemi ile hesaplanmıştır.

Bulgular: Tüm triasetin: su karışımlarında ITRA'nın çözünürlüğü artmıştır ve çözünürlüğün en yüksek olduğu karışım ITRA'nın çözünürlük parametresinin çözelti karışımınıninkine eşit olduğu karışımdır. Doğrudan yöntemin tahmin kapasitesi (ortalama % sapması -%1,89) beşinci polinomiyal sırada EHSA'dan ortalama % sapması %9,76) daha iyi bulunmuştur.

Sonuç: Bu sonuçlar çözünen kristalin çözünürlüğünün tek başına fizikokimyasal özellikler ve EHSA bilgileriyle yeterince öngörülebileceğini ilişkilendirilebileceğini göstermiştir. Bu bilgi süreç ve formülasyon geliştirmede yardımcı olabilir.


Anahtar kelimeler: İtrakonazol, genişletilmiş Hildebrand çözünürlük yaklaşımı, etkileşim enerjisi, çözünürlük parametresi, tahmin, çözünürlük korelasyonu

*Correspondence: E-mail: nawalepubs@pmail.com, Phone: +91 9829836437 ORCID-ID: orcid.org/0000-0001-0810

Received: 11.12.2019, Accepted: 01.02.2020

Turk J Pharm Sci, Published by Galenos Publishing House




PRINCIPAL
Marathwada Mitra Mandar's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Research Article

Synthesis, Characterization and Biological Screening of Substituted Indole dihydro-pyrimidine derivatives.

Ganesh S. Mhaske^{1*}, Rahul H. Khiste¹, Surekha A. Shinde¹, Sagar A. Jadhav²

¹Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-411033, Maharashtra, India.

²Dr. Shivajirao Kadam College of Pharmacy, Kasbe Digraj, Sangli-416416, Maharashtra, India.

Received 16 April 2019; received in revised form 03 June 2019; accepted 08 June 2019

*Corresponding author E-mail address: hariomganesh79@gmail.com

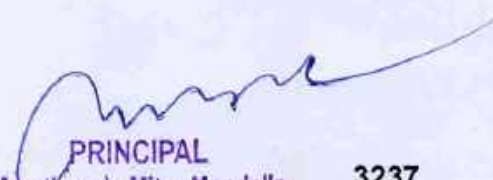
ABSTRACT

A series of Schiff bases of N-Substituted-4-(1H-indol-3-yl)-6-methyl-2-oxo-1,2,3,4-tetrahydropyrimidone-5-carbohydrazide U(1-5) were synthesized as per the scheme reported. Structures of synthesized compounds were confirmed by spectral study such as FT-IR, ¹H-NMR, Mass and Elemental analysis. The synthesized compounds were subjected to antibacterial evaluation. The structure of synthesized derivatives correlated and it has been observed that electron donating groups like hydroxyl U-4, attached to the phenyl ring increases antibacterial activity. The compound U-5, have shown excellent activity against *E. coli* compared with standard drug ciprofloxacin.

KEYWORDS

Indole, Biginelli reaction, antibacterial activity, MIC determination.




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3237

Specializes in the field of books. 2018 President of
SAYREDA PHULE PUNE UNIVERSITY (SPPU) & Chairman, College of pharma
Pune (2018-2020)



PHARMACEUTICAL ENGINEERING

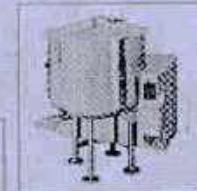
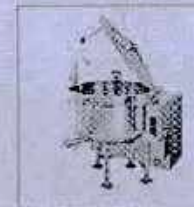
Semester 3 - Second Year B. Pharmacy

Dr. Avinash R. Tekade Dr. Vishal V. Pande

Keyur V. Shastri

SUBJECTS | AUTHORS | LEADERSHIP | EXPERIENCE

20+ years' EXP in Education
BIGGER & BETTER
with a Trusted Brand



Features

- Includes MCQ'S

TECH-NEO
PUBLICATIONS
A Sachin Shah Venture



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergoon (Kalewadi), Pune-411 033



Books available at:
Tech-Neo Books Distributors
 Ground floor, Shree Bramha Complex,
 Near Appa Baiwadi Chowk, Maharashtra, India, Pune - 411 002.
 Mobile No. +91 93250 06584
 Contact Tel./Whatsapp
 Dhyanjay Maral +91 99236 09235 Yogesh Shinde +91 91083 04343
 Sayog Books (Akardi) +9108223 94034
 Bhavshakti Book (Waghodi) +91 98230 00007

ISBN - 978-81-86102-30-7



Price ₹ 175/-
(A241)



www.techneobooks.com

✉ info@techneobooks.com
🌐 www.techneobooks.com

Semester 3 - Second Year B. Pharmacy (A241) Price ₹ 175/- B-30

3.5.1. Number of Collaborative activities

Faculty Exchange-Training, Conferences, FDP, Seminars
completed/attended by Faculty

Academic Year-2019-20



BYST Mentor Development Programme



ACCREDITED PROGRAMME



BHARATIYA YUVA SHAKTI TRUST
25 YEARS YOUNG
1992 - 2017

is awarded to
Rahul Khiste

who attended
**BHARATIYA YUVA SHAKTI TRUST's (BYST)
Mentor Development Programme
and was successful in the following module**

BYST Online Learning Modules

Pass

BYST, a premier not-for-profit organization in India founded in 1992 and a member of the Youth Business International network (UK), promotes entrepreneurship among underprivileged youth.



Awarded 05 March 2020

050320/9453-21/838251/ETX1007/M/30/05/77

5502/20304/40

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Chris Jones
Director-General
The City and Guilds of London
Institute

Naushad Forbes
Chairman, Bharatiya Yuva Shakti
Trust
Co-Chairman, Forbes Marshall Pvt.
Ltd.

Lakshmi V. Venkatesan
Founding and Managing Trustee,
Bharatiya Yuva Shakti Trust



The City and Guilds of London Institute was founded in 1878 and granted Royal Charter in 1900. It is the founding organisation of the City & Guilds Group and its businesses. City & Guilds is a City & Guilds Group business.



The City and Guilds
of London Institute



BYST Mentor Development Programme



ACCREDITED PROGRAMME



BHARATIYA YUVA SHAKTI TRUST
25 YEARS YOUNG
1992 - 2017

is awarded to
Sachin Jagdale

who attended
**BHARATIYA YUVA SHAKTI TRUST's (BYST)
Mentor Development Programme
and was successful in the following module**

BYST Online Learning Modules

Pass

BYST, a premier not-for-profit organization in India founded in 1992 and a member of the Youth Business International network (UK), promotes entrepreneurship among underprivileged youth.



Awarded 05 March 2020

050320/9453-21/838251/ETX1018/M/07/10/85

5502720304/50

[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033.

[Signature of Chris Jones]

Chris Jones
Director-General
The City and Guilds of London
Institute

[Signature of Naushad Forbes]

Naushad Forbes
Chairman, Bharatiya Yuva Shakti
Trust
Co-Chairman, Forbes Marshall Pvt.
Ltd.

[Signature of Lakshmi V. Venkatesan]

Lakshmi V. Venkatesan
Founding and Managing Trustee
Bharatiya Yuva Shakti Trust



The City and Guilds of London Institute was founded in 1878 and granted Royal Charter in 1900. It is the founding organisation of the City & Guilds Group and its businesses. City & Guilds is a City & Guilds Group business.

The City and Guilds
of London Institute

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai - 400019

Mentored by
RUSA, Maharashtra



MHRD



This is to certify that

Dr. Manohar J. Patil, Principal, Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra

has convener for this Faculty Development Program in

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra

Prof. Shreerang V. Joshi
Head - Department of Pharmaceutical Sciences and Technology, ICT

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

Prof. Vikas N. Telvekar
Coordinator, PMMMNMTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

Mentored by
RUSA, Maharashtra



This is to certify that

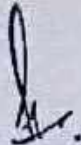
Dr. Mukesh D. Ratnaparkhi

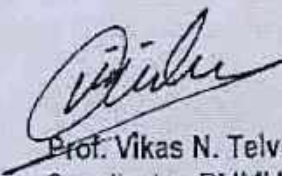
has participated in the Faculty Development Program as a Trainer

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitramandal's College of Pharmacy, Pune, Maharashtra


Prof. Shreerang V. Joshi
Head – Department of Pharmaceutical Sciences and Technology, ICT


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Prof. Vikas N. Telvekar
Coordinator, PMMMNTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

Mentored by
RUSA, Maharashtra



This is to certify that

Dr. Sampada D. Dalvi

has participated in the Faculty Development Program as a Trainer

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra

[Signature]
Prof. Shreerang V. Joshi
Head – Department of Pharmaceutical Sciences and Technology, ICT

[Signature]
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Phone: 020-26111033

[Signature]
Prof. Vikas N. Telvekar
Coordinator, PMMMNMTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology

Nathalal Parekh Marg, Matunga (East), Mumbai - 400019

Mentored by
RUSA, Maharashtra



सत्यमेव जयते
MHRD



This is to certify that


Mrs. Babita A. Agarwal

has participated in the Faculty Development Program as a Trainer

Industrial Pharmacy-II

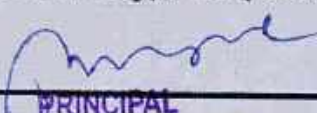
From 18th November to 27th November 2019, at

Marathwada Mitramandal's College of Pharmacy, Pune, Maharashtra


Prof. Shreerang V. Joshi
Head - Department of Pharmaceutical Sciences and Technology, ICT



Prof. Vikas N. Telvekar
Coordinator, PMMMNTT, ICT


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

Mentored by
RUSA, Maharashtra



This is to certify that

Dr. Prasad V. Kadam

has participated in the Faculty Development Program as a Trainer

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitramandal's College of Pharmacy, Pune, Maharashtra

[Signature]
Prof. Shreerang V. Joshi

Head – Department of Pharmaceutical Sciences and Technology, ICT

[Signature]
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thane (Wade) Pune-411 033

[Signature]
Prof. Vikas N. Telvekar

Coordinator, PMMMNTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

Mentored by
RUSA, Maharashtra



सत्यमेव जयते
MHRD



This is to certify that


Ms. Shailendra S. Salvankar

has participated in the Faculty Development Program as a Trainer

Industrial Pharmacy-II

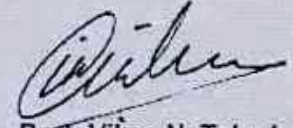
From 18th November to 27th November 2019, at

Marathwada Mitramandal's College of Pharmacy, Pune, Maharashtra


Prof. Shreerang V. Joshi
Head – Department of Pharmaceutical Sciences and Technology, ICT

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033


Prof. Vikas N. Telvekar
Coordinator, PMMMNMTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

Mentored by
RUSA, Maharashtra



This is to certify that

Mr. Sachin K. Jagdale

has participated in the Faculty Development Program as a Trainer

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitramandal's College of Pharmacy, Pune, Maharashtra

[Signature]
Prof. Shreerang V. Joshi

Head – Department of Pharmaceutical Sciences and Technology, ICT

[Signature]
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

[Signature]
Prof. Vikas N. Telvekar

Coordinator, PMMMNTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

S.N./2018-19/150

Mentored by
RUSA, Maharashtra



सत्यमेव जयते
MHRD



This is to certify that


Dr. Kavita N. Yadav, Assit. Prof., Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra


has participated in the Faculty Development Program

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra


Prof. Shreerang V. Joshi
Head – Department of Pharmaceutical Sciences and Technology, ICT


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Prof. Vikas N. Telvekar
Coordinator, PMMMNTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMMNMTT)
(MHRD, Govt. of India)

Faculty Development Centre

Institute of Chemical Technology Department of Pharmaceutical Sciences and Technology

Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

S.N./2018-19/148

Mentored by
RUSA, Maharashtra



This is to certify that

Mr. Abhijit S. Karanje, Assit. Prof., Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra

has participated in the Faculty Development Program

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra

Prof. Shreerang V. Joshi

Head, Department of Pharmaceutical Sciences and Technology, ICT

Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

Prof. Vikas N. Telvekar

Coordinator, PMMMMNMTT, ICT

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

Faculty Development Centre

Institute of Chemical Technology Department of Pharmaceutical Sciences and Technology

Nathalal Parekh Marg, Matunga (East), Mumbai - 400019

Mentored by
RUSA, Maharashtra

S.N./2018-19/147



This is to certify that


Mr. Pramod H. Sakpal, Assit. Prof., Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra


has participated in the Faculty Development Program

Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra


Prof. Shreerang V. Joshi
Head - Department of Pharmaceutical Sciences and Technology, ICT


Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Prof. Vikas N. Telvekar



ADITYA BIRLA
MEMORIAL HOSPITAL

ABMH PharmaCon - VII, 2019

Certificate of Participation as Speaker / Chairperson

This is to certify that Dr. Manohar Patil has attended the

7th National Conference "ABMH PharmaCon - VII, 2019" as a

Speaker / Chairperson on Pharmacy & Medication Management on November 16th & 17th, 2019.

Organising Secretary



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

President

Centre for Education in Pharmaceutical Sciences Technology and Management (CEPSTM)

Under the Scheme of
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

Faculty Development Centre
Institute of Chemical Technology
Department of Pharmaceutical Sciences and Technology
Nathalal Parekh Marg, Matunga (East), Mumbai – 400019

Mentored by
RUSA, Maharashtra



This is to certify that


Dr. Avinash R. Tekade

has participated in the Faculty Development Program as a Trainer


Industrial Pharmacy-II

From 18th November to 27th November 2019, at

Marathwada Mitramandal's College of Pharmacy, Pune, Maharashtra


Prof. Shreerang V. Joshi
Head – Department of Pharmaceutical Sciences and Technology, ICT

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalawadi), Pune-411 033



Prof. Vikas N. Telvekar
Coordinator, PMMMNTT, ICT




ABMH QIPS - VII, 2019

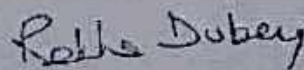
Certificate Of Participation

This is to certify that Dr. Pravin Patil has attended the 7th National Conference "ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019 conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary



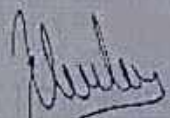

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


President


ABMH QIPS - VII, 2019


Certificate Of Participation

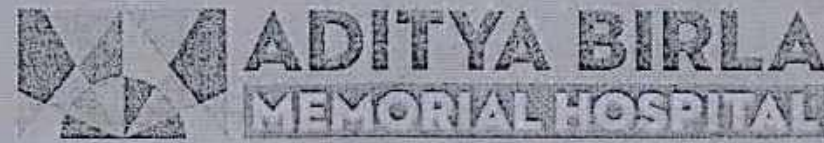
This is to certify that Dr. Sampada Dalvi has attended the 7th National Conference
"ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


President



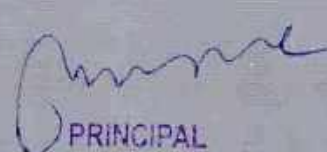
ABMH QIPS - VII, 2019


Certificate Of Participation

This is to certify that Surekha Shinde has attended the 7th National Conference "ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019 conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Rakesh Dobay
President



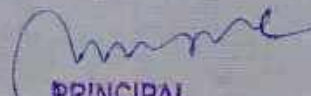
ABMH QIPS - VII, 2019

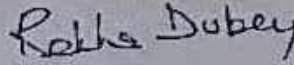
Certificate Of Participation

This is to certify that Aruna Narale has attended the 7th National Conference
"ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewad), Pune-411 033


President




ABMH QIPS - VII, 2019


Certificate Of Participation

This is to certify that Shruti Sher has attended the 7th National Conference
"ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewad), Pune-411 033


Rishi Dobey
President



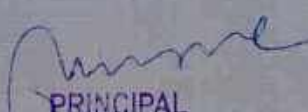
ABMH QIPS - VII, 2019


Certificate Of Participation

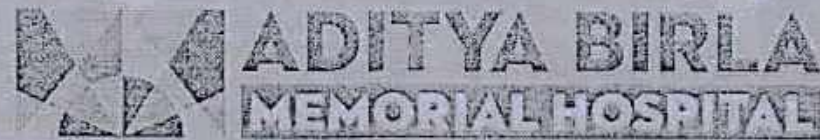
This is to certify that Vilas Patil has attended the 7th National Conference
"ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


President



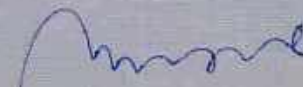
ABMH QIPS - VII, 2019

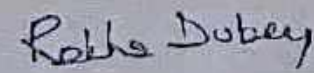
Certificate Of Participation

This is to certify that Prabha Blong has attended the 7th National Conference
"ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


President

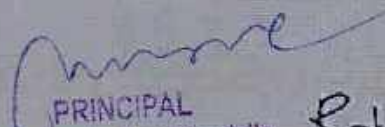
ABMH QIPS - VII, 2019

Certificate Of Participation

This is to certify that Madhvi Bindu has attended the 7th National Conference
"ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalwad), Pune-411 033
President

ABMH QIPS - VII, 2019


Certificate Of Participation

This is to certify that Babita Agarwal has attended the 7th National Conference
"ABMH QIPS - VII" on Quality Improvement & Patient Safety on 31st August & 1st September, 2019
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


President

3.5.1. Number of Collaborative activities

Student Internship


Academic Year-2019-20

**Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033**

List Students Completed Industry Training In Academic Year-2019-20

Sr. No.	Name of the collaborating agency with contact details	Name of the participant	Duration of the activity	
			From	To
2019-20				
1	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Doiphode Netra G.	25/11/20020	25/12/2020
2	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Suryawanshi Sapna G.	25/11/20020	25/12/2020
3	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Chaudhari Neha K.	25/11/20020	25/12/2020
4	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Mr. Gopnar Vitthal V.	03/06/2019	03/07/2019
5	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Kaiwade Priyanka S.	04/06/2019	04/07/2019
6	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Somvanshi Poonam D,	04/06/2019	04/07/2019
7	Nulife Pharmaceuticals Pvt. Ltd. Pune, ContactS- 020-25678942 contactus@nulifepharma.com	Mr. Palkar Rushikesh. N.	03/06/2019	03/07/2019
8	Chakan Life Scienecs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Bhosale Neha B.	15/06/2019	15/07/2019
9	Chakan Life Scienecs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Bhure Priyanka R.	15/06/2019	15/07/2019
10	Chakan Life Scienecs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Dongare Surabhi S.	15/06/2019	15/07/2019
11	Chakan Life Scienecs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Doke Nikita	15/06/2019	15/07/2019
12	Chakan Life Scienecs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Doke Pratiksha P.	15/06/2019	15/07/2019




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

13	Chakan Life Sciencs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Gore Diksha T.	15/06/2019	15/07/2019
14	Chakan Life Sciencs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Gochade Dhanshree D.	15/06/2019	15/07/2019
15	Chakan Life Sciencs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Shaikh Nida M.	11/05/2019	11/06/2019
16	Chakan Life Sciencs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Mr. Satvilkar Fahad A.	11/05/2019	11/06/2019
17	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Ganorkar Sayalee	10/06/2019	09/07/2019
18	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Deware Snehal P.	03/06/2019	03/07/2019
19	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Sarphale Bhumika P.	03/06/2019	03/07/2019
20	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Ghanvat Shital R.	03/06/2019	03/07/2019
21	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Gawade Monika S.	03/06/2019	03/07/2019
22	Piramal Enterprises Ltd. Mahad Contact:- 02145-251080/84 Corporate.communication@piramal.com	Ms. Sathe Sayali R.	04/06/2019	05/07/2019
23	Piramal Enterprises Ltd. Mahad Contact:- 02145-251080/84 Corporate.communication@piramal.com	Ms. Rathod Mayuri P.	04/06/2019	05/07/2019
24	Piramal Enterprises Ltd. Mahad Contact:- 02145-251080/84 Corporate.communication@piramal.com	Ms. Salunkhe Rachana S.	04/06/2019	05/07/2019
25	Bora Pharma Pvt. Ltd Ahmednagar Contact: bppl_anr@dataone.in,02412418102	Ms. Karpe Anshika B.	01/06/2019	30/06/2019
26	Cadila Healthcare Limited, Ankleshwar, Gujrat, 02646 660518	Mr. Khairnar Tanmay D.	15/06/2019	24/06/2019
27	Sangeeta Pharma. Mumbai, Email: sangeeta.nharma@holmail.com Contact-	Mr. Kamat Saurabh P.	03/06/2019	30/06/2019
28	Saras Veterinary Pharma. Pune Contact- 7745023023 sarasvewhaima@gmail.com	Ms. Wagh Sukanya D.	06/06/2019	05/07/2019



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

29	Cure Medicines (India) Pvt. Ltd. Pune, Contact-corporate@curemedicine.co.in	Ms. Shakya Yogita R.	01/06/2019	30/06/2019
30	Serum Institute of India Pvt. Ltd. Pune Contact:- hr@seruminstitute.com Tel:- 020-26993900	Ms. Salvi Surabhi N.	04/06/2019	03/07/2019
31	Amyclas Healthcare Pvt. Ltd. Pune, Contact- +919421582677, contacts.amyclas@gmail.com	Ms. Chavan Pooja S.	01/01/2020	10/01/2020
32	Swift Vetcare Pvt. Ltd. A.P. -Kandali, Tal.-Junnar, Dist. Pune. 9820042437, contact@swiftvetcare.com	Ms. Tambe Pratima S.	14/06/2019	21/06/2019
33	Hindustan Antibiotics Ltd. Pune, Contact- mdhapune@vsnl.com 020-2742511/2742521,020-27425327	Mr. Netke Sanket T.	04/06/2019	03/07/2019
34	ImmunoScience India Pvt. Ltd. Pune atul.tarde@immunoscience.com Mob. 8805018691	Ms. Yele Tai P.	04/06/2019	30/06/2019

Rhu
Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell



Manohar J. Patil
Dr. Manohar J. Patil

(Principal)

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Manohar J. Patil
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



**BORA PHARMA
PRIVATE LIMITED**

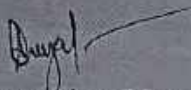
Ref.No.BPPL/19-20/38

Date :30/06/2019


TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Karpe Ashika Bhausahab was Bonafied second year B.Pharm Student of Marathwada Mitra Mandals College Of Pharmacy, Thergaon (Kalewadi), Dist.Pune has duly Completed her Inplant Industrial Training Successfully from 01/06/2019 to 30/06/2019 Within the working hours of our company.

Yours truly,
For Bora Pharma Pvt.Ltd.


Bora Ajay Vasantlal.
(DIRECTOR)




PRINCIPAL
Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Works : - L-100, M. I. D. C., NIMBLAK ROAD, AHMEDNAGAR - 414 111 • Tel : 0241 - 2418102

Admn Office : 113/A, Santosh Appt. Flat No. 4, Prabhat Road, Pune-411 004 • E-mail - boppune@gmail.com 91-020 25441217

Office : 3650/53 "Vasant Vaibhav", Urban Bank Road, Kapad Bazar, Ahmednagar - 414 001
Tel. 91-0241 - 2418100/2321781 • Fax 6601671 • email : borapharma@gmail.com

Date: June 24, 2019

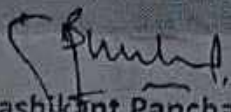
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Tanmay Khairnar student of Marathwada Mitra Mandal's, has completed his industrial training at our organization in Quality Assurance Department from June 15, 2019 to June 24, 2019

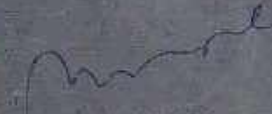
During the course of Industrial Training, we found his conduct Satisfactory.

We wish him all the success in his career.

For Cadila Healthcare Limited


Shashikant Panchal
Senior Manager-Human Resources




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
hergaon (Katowadi), Pune-411 033

Emcure

Date: 09/07/2018

IN - PLANT TRAINING CERTIFICATE

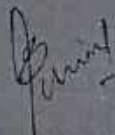
This is to certify that Nikita Sanjay Bhosale who is enrolled in the course course B. Pharmacy has completed his/her Industrial Training successfully at;

Emcure Pharmaceutical Ltd, Plot No-P2, ITBT Park, Phase 2, Hinjawadi, Pune-411057.

The training has been in the Oral Solid Dosage plant for a period of one month, dated 6th June 2018 to 6th July 2018.

The student has shown exemplary behavior and demonstrated proactive attitude.

For Emcure Pharmaceutical Ltd,



Deepak Patil

Asst. Manager HR

Emcure Pharmaceuticals Limited
100 % EOU - Division

Plot No. : P-2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjawadi, Pune - 411057 (India)
Phone Nos. : +91 20 - 39821300, Fax No. : +91 20 - 39821444
Registered Office - Emcure House, T-184, M.I.D.C., Bhosari
Phone Nos. : 91 - 20 - 30610000, 27120084, Fax No.: 91
E-mail : corporate@emcure.co.in, www.emcure.com



PRINCIPAL
Marothwade Mitra Mandal's
COLLEGE OF PHARMACY
hergaon (Kalewadi), Pune-411 03

AYUSH AYURVEDA LLP

Phone: 9272857797
ayushayurveda@hotmail.com

Balan 1, Commercial
Complex, Sec No. 21, Sch
No. 11, Pradhikaran,
Nigdi, Pune, Maharashtra,
411044 India

13/06/2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Ms. Sandhya R Patil has undergone training in our Pharmacy from 04/06/2018 to 13/06/2018.

During this period, she has been explained the techniques in our Churn, Guli-vati, Kashay-Syrup sections.

Ayush Ayurveda LLP


Director


PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

33

3



8/10/2018, 1:35 PM



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. – Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2020 /

Date: 01/01/2020

To,
HR Manager,
Amyclas Healthcare Pvt. Ltd,
Pune, Maharashtra 411018

Dear Sir / Madam,


Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune (MS), is one of the Topmost Pharmacy Institute offers D. Pharm., B. Pharm., M. Pharm., courses and Ph.D. in Pharmacy. The college is ranked by NIRF India ranking 2020, Platinum Ranked Institute by AICTE CII, Accredited by NBA, permanently affiliated to Savitribai Phule Pune University, Pune and having status 2(f) & 12(B) by UGC.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Pooja S. Chavan	Final Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & E.D. Cell



Yours faithfully,


Dr. Manohar J. Patil
Principal
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 /

Date: 04/06/2019

To,
HR Manager,
Serum Institute of India Pvt. Ltd.
212/2, Hadapsar, Off Soli Poonawalla Road,
Pune 411028

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Surabhi N. Salvi	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Yours faithfully,

Dr. Manohar J. Patil
Principal

----- *building Pharmacy Professionals through Education par Excellence* -----



। येने प्रह्लादे शि ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019/

Date: 03/06/2019

To,
HR Manager,
Sangeeta Pharma,
Mumbai.

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Saurabh P. Kamat	Final Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

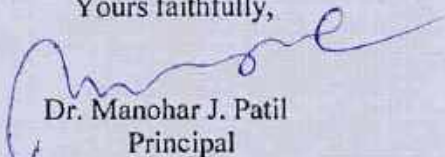
Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & FDE



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Yours faithfully,


Dr. Manohar J. Patil
Principal

----- *building Pharmacy Professionals through Education par Excellence* -----



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019/

Date: 15/06/2019

To,
HR Manager,
Cadila Healthcare Limited
Ankleshwar, Gujarat.

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Tanmay D. Khairnar	Final Year B. Pharm

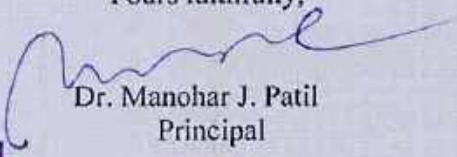
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & ED



Yours faithfully,


Dr. Manohar J. Patil
Principal

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence



। संतो बहुलं विव ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 178

Date: 12/06/2019

To,
HR Manager,
Chakan Lifesciences Private limited.
Gat No-349, Krupa Industrial Area, Ghotawade Phata,
A/P Bhare, Pune, Maharashtra 412115

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

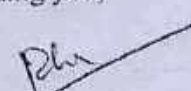
Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Punr-3, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D., in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Monika Dattatray Bhapkar	Final Year B. Pharm
2	Ms. Surabhi Subhash Dongare	Final Year B. Pharm
3	Ms. Diksha Tatyaram Gore	Final Year B. Pharm
4	Ms. Dhanashri Devrao Gochade	Final Year B. Pharm

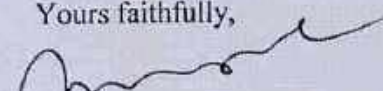
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & E D. Cell.



Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence



। येद्ये बहुलाये हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,

Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 16 9

Date: 04/06/2019

To,
The HR Manager,
Lupin Ltd,
MIDC Industrial Area, Chilkalthana,
Aurangabad, Maharashtra 431006

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D., in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Saylee Naresh Ganorkar	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours faithfully,



RH
Dr. Rahul H. Khiste

Dean, Training Placement, III & E.D. Cell

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon, (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence*

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure

P. X

Ref: EMC: HR/ TRN/ 2019

09.07.2019

To Whom So Every It May Concern

This is to certify that Ms. Saylee Ganorkar has successfully completed her training period from 10.06.2019 to 09.07.2019 as an academic part of her B. Pharm Bachelor's Degree.

During the project we found her sincere, enthusiastic, dedicated and hard working.


We wish her all the best for her future endeavor.

For EMCURE PHARMACEUTICALS LIMITED



AUTHORISED SIGNATORY




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited

Registered Office : Emcure House, T-184, M.I.D.C., Bhusari, Pune - 411026, INDIA

Phone Nos. : + 91 20 - 27120084, 30610000, 40700000 Fax No.: 91 20 - 30610111

E-mail: corporate@emcure.co.in Website: www.emcure.com CIN : U24231PN1981PLC024251



। येधे बहुताये हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 123

Date: 17/05/2019

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B. Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Shital Ramchandra Ghanwat	Second Year B. Pharm
2	Ms. Snehal Eknath Deware	Second Year B. Pharm

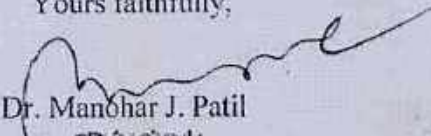
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence*

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure

S.Y.

04 July 2019


IN – PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Shital Ghanwat
Name of the College Attended : - Marathwada Mitra Mandal's College of Pharmacy.
Name of the Course : - Bachelor of Pharmacy
Duration of In – Plant Training : - 1 Month
Training Period : - 3rd Jun 2019 – 3rd Jul 2019
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Sandeep Gogawale
Sr. Manager - HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune - 411 057 (India)
Phone Nos. : +91 20 - 39821300, Fax No. : +91 20 - 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411026.
Phone Nos. : 91 - 20 - 30610000, 27120084, Fax No.: 91-20 - 30610111
E-mail : corporate@emcure.co.in, www.emcure.co.in
CIN : U24231PN1981PLC024251

Emcure

S.Y.

04 July 2019

IN – PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Snehal Deware
Name of the College Attended : - Marathwada Mitra Mandal's College of Pharmacy.
Name of the Course : - Bachelor of Pharmacy
Duration of In – Plant Training : - 1 Month
Training Period : - 3rd Jun 2019 – 3rd Jul 2019
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Sandeep Gogawale
Sr. Manager - HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune - 411 057 (India)
Phone Nos. : +91 20 - 39821300, Fax No. : +91 20 - 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411026.
Phone Nos. : 91 - 20 - 30610000, 27120084, Fax No.: 91- 20 - 30610111
E-mail : corporate@emcure.co.in, www.emcure.co.in
CIN : U24231PN1981PLC024251



। येमे बहुताये हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP

Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T&P/Training Letter / 2019 / 166

Date: 03/06/2019

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D.. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Bhumika Dhonduram Sarphale	Third Year B. Pharm
2	Ms. Alka Ramesh Bhure	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours faithfully,



Rh
Dr. Rahul H. Khiste
Dean, Training & Placement, III & E.D. Cell
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

7-11

04 July 2019

IN – PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Bhumika Sarphale
Name of the College Attended : - Marathwada Mitra Mandal's College of Pharmacy.
Name of the Course : - Bachelor of Pharmacy
Duration of In – Plant Training : - 1 Month
Training Period : - 3rd Jun 2019 – 3rd Jul 2019
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.



Sandeep Gogawale
Sr. Manager - HR



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune - 411 057 (Ind'a)
Phone Nos. : +91 20 - 39821300, Fax No. : +91 20 - 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411026.
Phone Nos. : 91 - 20 - 30610000, 27120084, Fax No.: 91- 20 - 30610111
E-mail : corporate@emcure.co.in, www.emcure.co.in
CIN : U24231PN1981PLC024251



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 162

Date: 01/06/2019

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Punr-3, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D., in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Monika Sampat Gawade	Second Year B. Pharm

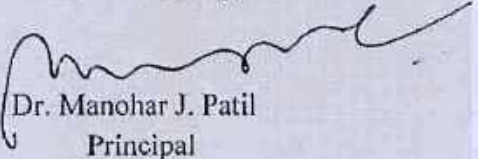
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & E.D.Cell



Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure

04 July 2019


IN - PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Monika Gawade
Name of the College Attended : - Marathwada Mitra Mandal's College of Pharmacy.
Name of the Course : - Bachelor of Pharmacy
Duration of In - Plant Training : - 1 Month
Training Period : - 3rd Jun 2019 - 3rd Jul 2019
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Sandeep Gogawale
Sr. Manager - HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C. Hinjwadi, Pune - 411 057 (India)
Phone Nos : +91 20 - 39821300, Fax No. : +91 20 - 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411028
Phone Nos. : 91 - 20 - 30610000, 27120084, Fax No. : 91-20 - 30610111
E-mail : corporate@emcure.co.in, www.emcure.co.in



। येमे महाराष्ट्र हिन ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T&P/Training Letter / 2019 / 117

Date: 16/05/2019

To,
HR Manager,
Piramal Enterprises Ltd.
K-1, Additional M.I.D.C., District Raigad,
Mahad, Maharashtra, 402302

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

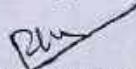
Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

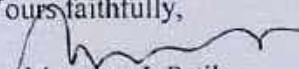
Sr. No.	Name of the Student	Class
1	Ms. Mayuri Rajendra Phalake	Final Year B. Pharm
2	Ms. Sayali Rajendra Sathe	Final Year B. Pharm
3	Ms. Mayuri Parashuram Rathod	Final Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Date: 12.07.2019

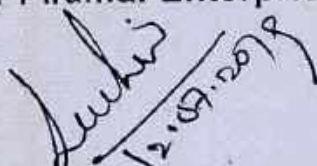
To Whom It May Concern

This is to Certify that Ms. Sayali Rajendra Sathe student from Marathwada Mitra Mandal's College of Pharmacy, Kalewadi, Pune has undergone Industrial Training in our Company from 04th June 2019 To 05th July 2019.


During her training we found her sincere, attentive, and hard working. She has shown keen interest in learning various activities of the organization to which she was exposed.

We wish her all the success in her future career.

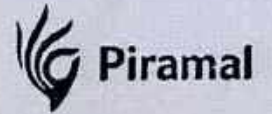
For Piramal Enterprises Limited


12.07.2019
Sachin Shelke
Manager-HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Amal



Date: 12.07.2019

To Whom It May Concern

This is to Certify that Ms. Mayuri Parashuram Rathod student from Marathwada Mitra Mandal's College of Pharmacy, Kalewadi, Pune has undergone Industrial Training in our Company from 04th June 2019 To 05th July 2019.

During her training we found her sincere, attentive, and hard working. She has shown keen interest in learning various activities of the organization to which she was exposed.

We wish her all the success in her future career.

For Piramal Enterprises Limited

Sachin Shelke
12.07.2019

Sachin Shelke
Manager-HR



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। येद्ये बहुतोये हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 135

Date: 28/05/2019

To,
HR Manager,
Piramal Enterprises Ltd.
K-1, Additional M.I.D.C., District Raigad,
Mahad, Maharashtra, 402302

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Rachna S. Salunkhe	Second Year B. Pharm

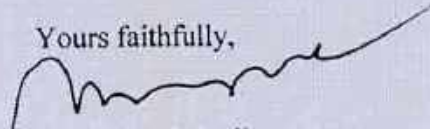
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



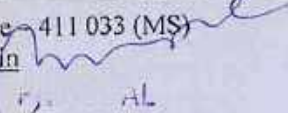
Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.com Website : www.mmcop.edu.in




Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Date: 12.07.2019

To Whom It May Concern

This is to Certify that Ms. Rachna Sanjesh Salunkhe student from Marathwada Mitra Mandal's College of Pharmacy, Kalewadi, Pune has undergone Industrial Training in our Company from 04th June 2019 To 05th July 2019.

During her training we found her sincere, attentive, and hard working. She has shown keen interest in learning various activities of the organization to which she was exposed.

We wish her all the success in her future career.

For Piramal Enterprises Limited


12.07.2019
Sachin Shelke
Manager-HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। वेद्ये चतुर्लाभे हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019/136

Date: 28/05/2019

To,
HR Manager,
Sun Pharmaceutical industry Ltd,
A7-A8, MIDC Industrial Area,
Ahmednagar, Nagapur, Maharashtra 414111

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Ashika B. Karpe.	Second Year B. Pharm

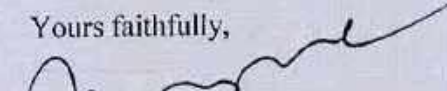
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training & Placement, III & E.D Cell



Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Date: - 30/06/2019

CERTIFICATE OF TRAINING

This is to certify that **SAURABH O. KAMAT**

from MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY, PUNE
Appearing Third year in B. Pharmacy, has Successfully completed his training in our
organization.

He has completed his Training in **Q.A., Q.C., Store & Production**
Department. Manufacturing Liquid Orals Preparation Under our Qualified Officers in
cGLP & cGMP


From 03/06/2019 to 30/06/2019

We Wish him a good Success for his future.

For Sangeeta Pharma



Authorize Signatory.



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Plot No. 128, Jawahar Co-op. Ind.Estate, Kamothe, Navi Mumbai -410 209,
Maharashtra, India.

Email: sangeeta.pharma@hotmail.com Web: www.sangeetapharma.com

VAT TIN No.: 27400708604V

D.L. No.: MH/DRUGS/25-MH/101679

CST TIN No.: 27400708604C

D.L. No.: MH/DRUGS/28-MH/101680



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,

Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. – Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 156

Date: 31/05/2019

01/06/2019

To,
HR Manager,
Cipla Ltd.
D-7, MIDC, Kurkumbh, Maharashtra 413802,

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-3, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D., in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Sukanya Dipak Wagh	Final Year B. Pharm


After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & E D. Cell.



Yours faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune – 411 033 (MS)
Ph. No. (020) 64100841, E – mail : mmcopharm@yahoo.co.in Website www.mmcop.edu.in



Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। येये बहुतोके हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 114

Date: 16/05/2019

To,
HR Manager,
Emcure Pharmaceuticals Ltd.,
Plot No. P-II, IT-BT Park M.I.D.C.,
Hinjewadi, Pune-411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

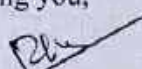
Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, was established in the year 2006. At present college run D. Pharm, B. Pharm, M. Pharm courses and Ph.D. in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Yogita Rajesh Shakya	Second Year B. Pharm

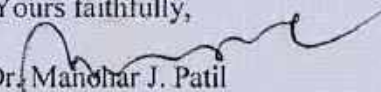
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Hinjewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.com Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Final



Saras Veterinary Pharma

12, Aarya Sankul, Tambe Nager,
M.I.D.C.Baramati Pune (M.S.)
Pin-413133
M. 7745023023
sarasvetpharma@gmail.com

Ref no:6719

Date:07/07/2019

To,

Principle

Marathwada mitra mandal

College of pharmacy

Kalewadi.

This is to certify that Ms.Wagh Sukanya Dipak. Student of B.Pharmacy 4th year from Marathwada Mitra Mandal college of Pharmacy. Has successfully complet her one month inplant training during 06th jun to 5th july 2019 in SARAS VETERINARY PHARMA

Her attendence was regular & also conduct was satifactory

Best wishes for her future.

For

SARAS VETERINARY PHARMA



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033.



CURE MEDICINES (INDIA) PVT. LTD.

REF: CURE/HR/2019

Date: 30.06.2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Yogita Rajesh Shakya. is student of Marathwada Mitra Mandal College Of Pharmacy Kalewadi. has undergone training in our organization from 01.06.2019 To 30.06.2019,

During this period she was sincere and hard working, we wish her all the best in her future endeavors.

FOR CURE MEDICINES (I) PVT. LTD.

AUTHORISED SIGNATORY



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



SERUM INSTITUTE OF INDIA PVT. LTD.

(FORMERLY KNOWN AS SERUM INSTITUTE OF INDIA LTD.)

Cyrus Poonawalla Group

REGD. OFFICE AND LABORATORIES : 212/2, HADAPSAR, PUNE - 411028, INDIA. ■ www.seruminstitute.com
Tel.: +91-20-2699 3900 / 04 ■ Fax: +91-20-2699 3921 ■ CIN - U80903PN1984PTC032945

03.07.2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Surabhi N Salvi** has undergone training in our institute from 04.06.2019 to 03.07.2019.

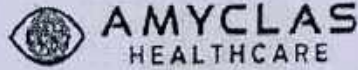
During this period, she has been explained the techniques in our Bacterial Vaccines Production, Viral Vaccines Production and Quality Control Department.

For Serum Institute of India Pvt. Ltd.,

Ashok Kuvalekar
Manager – Pers. & Admn.



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Ther (Kharwad), Pune-411 033



Amyclas Healthcare

S.N.6/2 to 6/5, 302, Wing: A-3, Oxygen Valley, Narhe, Pune, Maharashtra - 411041
Contact: +91-9604166888 | +91-9421582677 | Email: contacts.amyclas@gmail.com

TO WHOMSOEVER IT MAY CONCERN

Dated: 15th January 2020

This is to certify that Ms. Pooja S. Chavan is student of Marathwada Mitra Mandal's College of Pharmacy Thergaon, Pune; has undergone 10 days industrial training in our organization from Date 1st January 2020 to 10th January 2020. During this period Ms. Pooja S Chavan was sincere and hard working.

We wish her all the very best for future endeavours.



For Amyclas Healthcare



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। येथे महतांचे हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 160

Date: 01/06/2019

To,
HR Manager,
Swift Vetcare Private Limited
Plot # C-4/3,4 Junnar Taluka Audyogic Sahakari Vasahat Maryadit
AP- Kandali, Tal. Junnar, Dist. Pune
Maharashtra, India- 412 412

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Punr-3, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D., in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Pratima Sudhir Tambe	Final Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training Placement, III & E.D.Cell



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune-411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Final




CERTIFICATE

This is to certify that *Miss Pratima Sudhir Tambe*, pursuing her B. Pharm, 4th year in MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY, PUNE has successfully completed her summer internship training schedule of 7 days from 14th June 2019 to 21st June 2019 at SWIFT VETCARE PRIVATE LIMITED, JUNNAR TALUKA AYUDYOGIC SAHAKARI VASAHAAT MARYADIT, KANDALI, NARAYANGAON, MAHARASHTRA 412412, INDIA.

She has been trained on STORES, PRODUCTION & PACKAGING, QC department. She worked well in a team during her tenure.

We wish her all the best for her future.


22-JUNE-2019
Name: Dr. Nitin H. Jadhav
Designation: Head-Operations
Place: Swift Vetcare Pvt Ltd




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। येथे चालविले गेले ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019/163

Date: 01/06/2019

To,
HR Manager,
Hindustan Antibiotics Limited
Sr.no 198, Pimpri Colony, Pimpri-Chinchwad,
Pune, Maharashtra 411018

Dear Sir / Madam,

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-3, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D., in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Sanket Tukaram Netke	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training Placement, III & E.D. Cell



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

No.

2019/34-(1967)



HINDUSTAN ANTIBIOTICS LIMITED

(A GOVT. OF INDIA ENTERPRISE)

PIMPRI, PUNE - 411 018.


C E R T I F I C A T E

This is to certify that **Mr. Sanket T. Netke**, student of Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune, has completed one month industrial training at our organization from 04.06.2019 to 03.07.2019.

(B. R. RAO)
SR.PERSONNEL OFFICER (TRAINING)

Date : 03.07.2019.




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। येथे महत्वाचे दिा ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. – Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2019 / 157

Date: 31/05/2019
01/06/2019

To,
HR Manager,
ImmunoScience India Pvt. Ltd.
Gat No-41 Shivapur Velha Road, Kusgaon
Pune Maharashtra 412205

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967. The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-3, was established in the year 2006. At present college run D. Pharm. B. Pharm. M. Pharm. M. Pharm, courses and Ph.D., in Pharmaceutical Sciences. The college is progressive, student centered, and committed to high quality education and for creating excellent teaching learning facilities.


As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Tai Pandurang Yele	Final Year B. Pharm

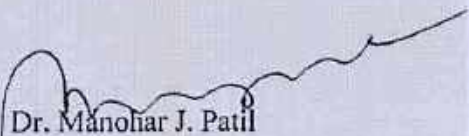
After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours faithfully,


Dr. Rahul H. Khiste
Dean, Training Placement, III & E D. Cell.




Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune – 411 033 (MS)
Ph. No. (020) 64100841, E – mail : mmcopharm@yahoo.co.in Website: www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Final



Immuno Science, Inc.
Immuno Science, Inc.
Immuno Science, Inc.

ImmunoScience India Pvt. Ltd.
(a subsidiary of ImmunoScience, Inc. USA)

Registered Office
824-D Bhandarkar Road,
Pune - 411004, India
atul.tarde@immunoscience.com
Mob. : +91 8805018691

Factory
Gat No. 41, Kusgaon,
Shivapur-Velhe Road, Taluka Bhor,
Pune - 412205, India
Cin - U73100PN2009FTC134231

To,
The Principal,
Marathwada Mitra Mandals,
College Of Pharmacy,
Kalewadi, Pune.

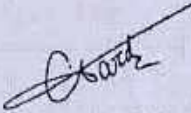
Date: 30/06/2019

CERTIFICATE

This is to certify that Ms. Tai Pandurang Yele student of B Pharm 4th year from Marathwada Mitra Mandals College Of Pharmacy has successfully completed her one month In-Plant Training during 04th June to 30th June 2019 in ImmunoScience India Pvt. Ltd., Kusgaon, Pune.

Her attendance was regular and conduct was satisfactory.

Best wishes for her future.


For ImmunoScience India Pvt.Ltd.
Director
(Sign & Stamp)




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Student Exchange

Academic Year-2019-20

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY,
THERGAON, PUNE-411 033 (M.S)

**ENTREPRENEURSHIP
AWARENESS
CAMP
2019-2020**



**Marathwada Mitra Mandal's
College of Pharmacy**

S. No. 4/17, Sector No. 34, PCNTDA
Thergaon (Kalewadi) Pune-411033

NOTICE

Date: 04/10/2019

All the students of Final year D. Pharm., B. Pharm and M. Pharm are hereby noticed that, the three days "Entrepreneurship Awareness Camp (EAC)" is arranged on 17th to 19th October 2019 at our institute. The detailed schedule of the same is as:

Sr. No.	Date & Time	Venue	Resource Person
1	17 th to 19 th October 2019; Thursday, Friday and Saturday 9.30 a.m. to 5.00 p.m.	Seminar Hall	Experts from Pharmaceutical Industries and Successful Entrepreneurs

All are informed to attend the same. "Attendance is compulsory"

Objective of EAC:

- 1) To impart awareness about entrepreneurship as a career choice.
- 2) To impart awareness about business opportunities.
- 3) To impart awareness about support system.
- 4) To present few role models in entrepreneurship.

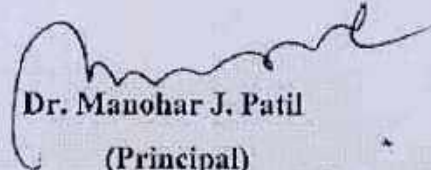
Methodology:

- 1) One way lectures.
- 2) Sharing of experiences.
- 3) Panel discussion.
- 4) Question- answers.



Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**


S. No. 4/17, Sector No. 34, PCNTDA
Thergaon (Kalewadi) Pune-411033

CIRCULAR

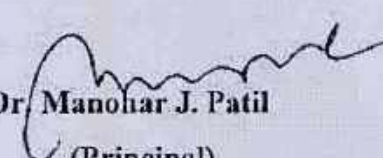
Date: 04/10/2019

All faculty members are hereby informed that the three days "Entrepreneurship Awareness Camp (EAC)" is arranged on 17th to 19th October 2019 at our institute for Final year D. Pharm., B. Pharm and M. Pharm students. The detailed schedule of the same is as:


Sr. No.	Date & Time	Venue	Resource Person
1	17 th to 19 th October 2019; Thursday, Friday and Saturday 9.30 a.m. to 5.00 p.m.	Seminar Hall	Experts from Pharmaceutical Industries and Successful Entrepreneurs


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Name of Faculty	Sign	Name of Faculty	Sign
ART		VSP	
PJP		RRN	
BEK		MSB	
MPR		SMA	
PVK		PNB	
BAA		SAK	
PHS		GSM	
SDD		PJM	
SKJ		TSS	
KNY		SBG	
SSS			
SG			
SAS			
ASK			
GSM			
ARN			



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033



। येथे यहुतांचे हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

Thergaon, Pune-411033



MMCOP

Bestowing Health & Happiness

ENTREPRENEURSHIP AWARENESS CAMP (EAC)

Sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, (DST-NIMAT) Govt. of India, New Delhi.

17th to 19th October 2019

Training, Placement, III & E. D. Cell, MMCOP, Pune

....building Pharmacy Professionals through Education par Excellence



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

ANNEXURE-II**DST – NIMAT PROJECT-2019-20**

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra
Dated, 17/10/2019 to 19/10/2019

PROGRAMME SCHEDULE

Date and Day	Session *	Subject / Topic	Faculty
1	2	3	4
17/10/2019 1 st Day		Inauguration- Camp Objective, Why Entrepreneurship (General Concepts)	Mr. Rahul Khiste
	I	Historical background-Indian values vis-à-vis Entrepreneurship and the present	Mr. Amit Medhekar
	II	Identification of Business opportunities and Mechanisms of product selection	Ms. Sushma Naidu Technical Advisor
	III	Technology-assistance from R&D labs and other institutions on choice of technology etc.	Mr. Rushikesh Parandkar
	IV	Pharmaceutical Business Opportunities	Mr. Santosh Kadam
18/10/2019 2 nd Day	I	How to start a SSI unit (General concept about the Govt. formalities, rules & regulation, location, and different aspect of an industry.	Mr. Ashok Pattar
	II	Technical & commercial aspects of SSI unit (General concept only)	Mr. Hemant Bhagwat
	III	Financial aspects of SSI unit including salient features of a project report	Mr. Yuvraj Lambole
	IV	Schemes of assistance and Support available from Govt. agencies, banks, financial institutions, SFCs	Mr. Sunil Shete
19/10/2019... 3 rd day	I	Creativity and Business- The man behind the Venture	Mr. Ganesh Mhaske
	II	Communication skills for better results in business	Dr. Rahul Khiste
	III	Industry Visit at Nulife Pharmaceuticals, Pune	Dr. Rahul Khiste, Mr. Ganesh Mhaske Mr. Amar Shelke,
	IV	Industry Visit at Nulife Pharmaceuticals, Pune	Dr. Rahul Khiste, Mr. Ganesh Mhaske Mr. Amar Shelke,

* = Each session is one hour fifteen minutes

RH
Programme Coordinator
Dr. Rahul H. Khiste,

Dean, Training, Placement, III & E.D. Cell



MJP
Head of Institution
Dr. Manohar J. Patil

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411-033

MJP
PRINCIPAL


Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

DST – NIMAT PROJECT-2019-20

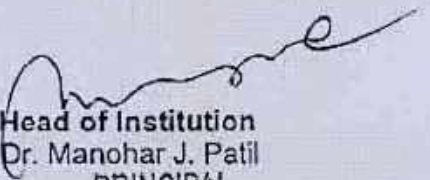
Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra

PROFORMA FOR POST PROGRAMME REPORT (PPR) OF EAC

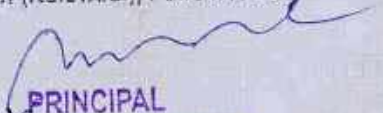
1. **Name & Address of Programme Implementing Agency** (with Tel/ Fax /E-mail) : Marathwada Mitra Mandal's, College Of Pharmacy, S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata, Pimpri Road, Kalewadi (Thergaon), Pune – 411 033, Maharashtra. Tel- 8446060841 E. Mail-mmcpopharm@yahoo.co.in
2. **Programme Location** : Seminar Hall of Marathwada Mitra Mandal's, College of Pharmacy, Pune.
3. **Programme Date** : From 17/10/2019 to 19/10/2019
4. **Name of the Coordinator** : Dr. Rahul H. Khiste
5. **No. of candidate attended the programme** : 92 (Male-39 Female-53)
6. **List of participants** : ANNEXURE – I
7. **Program schedule** : ANNEXURE – II
8. **List of resource persons** : ANNEXURE – III
9. **List of industries visited** : ANNEXURE – IV
10. **Participant's feedback** : ANNEXURE – V
11. **Photographs of Programme** : Attach one group photo, one classroom photo and one industry/institute visit photo


Programme Coordinator
Dr. Rahul H. Khiste,
Dean, Training, Placement, III & E.D. Cell




Head of Institution
Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

ANNEXURE-I

DST – NIMAT PROJECT-2019-20

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's
College of Pharmacy, Thergaon, Pune-411033, Maharashtra
Dated, 17/10/2019 to 19/10/2019



LIST OF PARTICIPANTS

Sr. No.	Name of Participant	Age	Male / Female	Education	Category: Gen / SC / ST / OBC / Minority	Aadhaar Number
1	2	3	4	5	6	
1	Atole Kajal Vilas	21	Female	B. Pharm	NT-C	256650423906
2	Balawade Rutuja Vilas	21	Female	B. Pharm	OBC	319968710231
3	Bhale Shrikant Bapurao	22	Male	B.Pharm	NT-C	785737377501
4	Bhange Rupali Keshav	22	Female	B.Pharm	ST	314285025098
5	Bhure Alka Ramesh	22	Female	B.Pharm	Open	918010985816
6	Biradar Mohini Bhagwan	21	Female	B.Pharm	Open	598074010086
7	Buddepatil Sneha Rajendra	20	Female	B.Pharm	OBC	725696432390
8	Chaudhari Neha Kishor	22	Female	B.Pharm	OBC	690207829833
9	Chaudhari Siddhesh Shamkant	22	Male	B.Pharm	OBC	736239006257
10	Chaure Amit Sanjay	21	Male	B.Pharm	ST	BVUPC5680E
12	Datir Akash Revji	22	Male	B.Pharm	NT-C	338965736792
13	Dhopate Narayan Nagnath	21	Male	B.Pharm	OPEN	706263524244
14	Dhule Komal Dilip	20	Female	B.Pharm	OBC	592719316360
15	Doiphode Netra Gajananrao	22	Female	B.Pharm	OBC	226339884651
16	Gadekar Aishwarya Machindra	22	Female	B.Pharm	SC	297454500760
17	Ganorkar Saylee Naresh	20	Female	B.Pharm	OPEN	282469253738
18	Gavali Shivani Pappu	20	Female	B.Pharm	SC	689880431862
19	Gopnar Vitthal Venkatrao	21	Male	B.Pharm	NT-C	913286105199
20	Gore Pratik Somnath	21	Male	B.Pharm	OBC	765687334864
21	Jadhav Vaishnavi Anil	21	Female	B.Pharm	OPEN	908893273520
22	Jogdand Abhay Kailas	21	Male	B.Pharm	OPEN	252050624223
23	Jorvekar Ankita Rajendrakumar	21	Female	B.Pharm	OBC	218020724736
24	Kadbane Ankita Anil	21	Female	B.Pharm	OBC	602900929175
25	Kaiwade Priyanka Shyam	22	Female	B.Pharm	DI/VJ	289378938545
26	Kanakdande Tejaswini Mohanrao	22	Female	B.Pharm	OPEN	247104888891
27	Kashid Swapnil Suresh	22	Male	B.Pharm	OBC	564271328742
28	Khairnar Tanmay Dilip	22	Male	B.Pharm	OBC	979373015212
29	Khandekar Pooja Rajkumar	21	Female	B.Pharm	NT-C	738735527745
30	Khatke Sujata Shivaji	20	Female	B.Pharm	NT-C	864821453101
31	Mali Vaibhavi Premraj	21	Female	B.Pharm	OBC	648848041967
32	More Samiksha Rajesh	21	Female	B.Pharm	OBC	712942725408
33	Naiknaware Santosh Gorakhrao	22	Male	B.Pharm	OPEN	670663984011
34	Netke Sanket Tukaram	22	Male	B.Pharm	SC	332765711213
35	Nimhan Nikita Vasant	21	Female	B.Pharm	OPEN	377915621095
36	Padvi Jagadish Nansing	25	Male	B.Pharm	ST	969888577981
37	Palkar Rushikesh Narayan	21	Male	B.Pharm	OBC	369182660318
38	Parinche Snehal Pandurang	20	Female	B.Pharm	NT-B	614461395663
39	Patil Ankita Vikas	20	Female	B.Pharm	OPEN	519974811386
40	Patil Prathamesh Mahadev	21	Male	B.Pharm	OPEN	513805131906
41	Prajapati Jigna Bharat	22	Female	B.Pharm	OBC	311084499664
42	Raut Anup Shankarrao	22	Male	B.Pharm	OBC	481894164644
43	Rutele Nikita Pandurang	20	Female	B.Pharm	OBC	424523109571



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

44	Sarpale Bhumika Dhonduram	20	Female	B.Pharm	OPEN	612976261074
45	Satvilkar Fahad Akhtar	21	Male	B.Pharm	OPEN	861580794314
46	Sehgal Karan Rajesh	20	Male	B.Pharm	OPEN	273957272274
47	Shaikh Nida Abubakar	21	Female	B.Pharm	OPEN	426926526764
48	Somvanshi Poonam Devidas	21	Female	B.Pharm	OBC	486432702514
49	Suryawanshi Sapna Ganesh	21	Female	B.Pharm	OPEN	996152554128
50	Suryawanshi Sheetal Laxman	21	Female	B.Pharm	SC	742160608239
51	Talape Supriya Dhonda	20	Female	B.Pharm	ST	637841902341
52	Thakar Bharti Rajesh	21	Female	B.Pharm	ST	804604366204
53	Thorave Mrunalini Suhas	21	Female	B.Pharm	SC	286255947616
54	Warude Aditi Deepak	20	Female	B.Pharm	OBC	272738940344
55	Ansarwade Dnyaneshwar Bhagwat	18	Male	D. Pharm	Gen	869077527498
56	Badgajar Pankaj Ashok	20	Male	D. Pharm	OBC	238241411582
57	Bhoye Manisha Raghunath	19	Female	D. Pharm	ST	519587483423
58	Chavan Atharv Sachin	19	Male	D. Pharm	Gen	299071279198
59	Chavan Vikas Pandit	19	Male	D. Pharm	OBC	331090131291
60	Choudhary Bhagwanti Pakaram	23	Female	D. Pharm	Gen	973249901452
61	Choudhary Prakash Achalram	20	Male	D. Pharm	Gen	293601811458
62	Datir Rohit Dhondibhau	19	Male	D. Pharm	OBC	652646534511
63	Daundkar Vaishali Hiranman	23	Female	D. Pharm	Gen	324856809437
64	Devmane Pramod Udhav	19	Male	D. Pharm	OBC	524449785031
65	Dhande Kaushal Bhagwan	19	Male	D. Pharm	Gen	944205878130
66	Faltankar Jagannath Bhagwat	21	Male	D. Pharm	OBC	420566462014
67	Gade Rushikesh Vilas	20	Male	D. Pharm	Gen	900679001047
68	Gade Tejas Subhash	19	Male	D. Pharm	Gen	611304899428
68	Garad Srushti Kumar	18	Female	D. Pharm	Gen	201519597612
69	Garud Darshan Sanjay	18	Male	D. Pharm	Gen	411596831925
70	Gawade Pooja Ashok	18	Female	D. Pharm	OBC	917314522284
71	Ghosalkar Omkar Shrikant	19	Male	D. Pharm	Gen	694827672107
72	Giri Ashwini Shiram	19	Female	D. Pharm	OBC	529812262181
73	Gurav Manisha Ramkishan	19	Female	D. Pharm	OBC	773439808330
74	Jadhav Aditi Dhanaji	19	Female	D. Pharm	Gen	776283980105
75	Jadhav Hritik Rahul	19	Male	D. Pharm	Gen	562100241376
76	Jadhav Saurabh Fakaru	19	Male	D. Pharm	SC	579995352806
77	Kamble Pratidnya Vitthal	19	Female	D. Pharm	SC	848911237337
78	Khadekar Harshal Ashok	19	Male	D. Pharm	OBC	932059422746
79	Kumbhar Ganesh Jyotiram	19	Male	D. Pharm	OBC	450801119158
80	Madde Shweta Prashant	19	Female	D. Pharm	Gen	784228489452
81	Malu Jayesh Satyanarayan	18	Male	D. Pharm	Gen	252274442273
82	Mane Rutuja Umesh	20	Female	D. Pharm	Gen	313963002384
83	Mule Saurabh Bhairavnath	20	Male	D. Pharm	Gen	494360692392
84	Naikwadi Rutuja Shivaji	19	Female	D. Pharm	Gen	837860292411
85	Navasare Nikita Shashikant	19	Female	D. Pharm	Gen	273900055438
86	Patil Upendra Vilas	20	Male	D. Pharm	Gen	939952452719
87	Pawar Pratiksha Yuvraj	19	Female	D. Pharm	OBC	350682525266
88	Rathod Kranti Shivram	27	Female	D. Pharm	OBC	282512030145
89	Sawant Rutuja Rajaram	19	Female	D. Pharm	Gen	858739583391
90	Shinde Ankita Anil	20	Female	D. Pharm	OBC	488321848414
91	Shinde Rushikesh Sampat	19	Male	D. Pharm	Gen	551500861793
92	Sonawane Tejaswi Kailas	18	Female	D. Pharm	SC	408284552063

Programme Coordinator
Dr. Rahul H. Khiste,
Dean, Training, Placement, III & E.D. Cell



Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

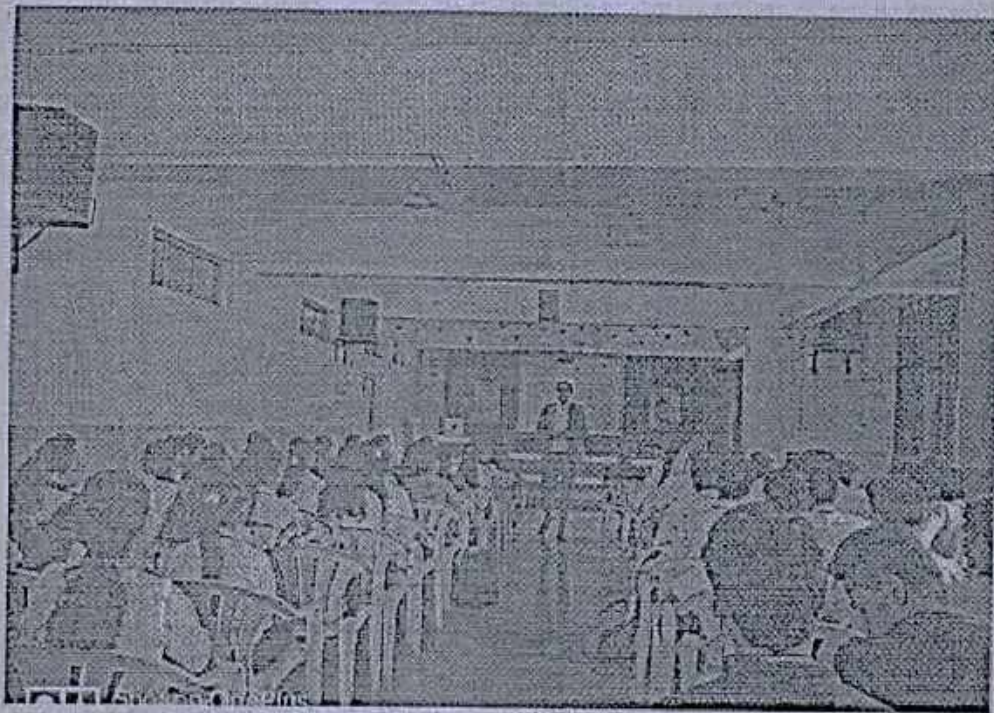
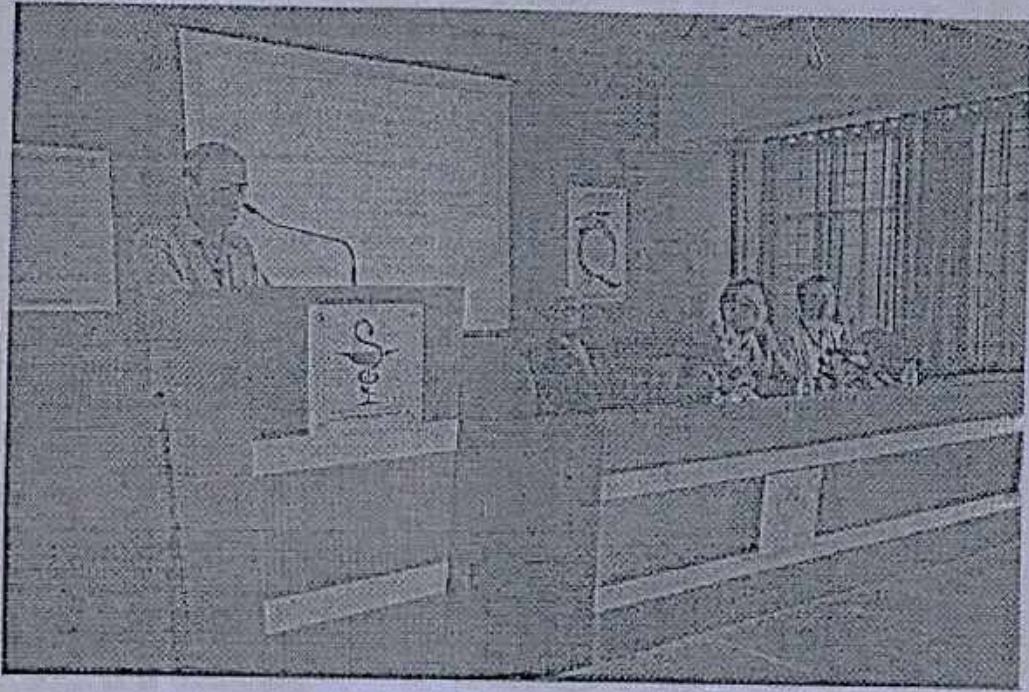
Head of Institution
Dr. Manohar J. Patil

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

DST – NIMAT PROJECT-2019-20

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra,
Dated 17/10/2019 to 19/10/2019

Photographs of Programme



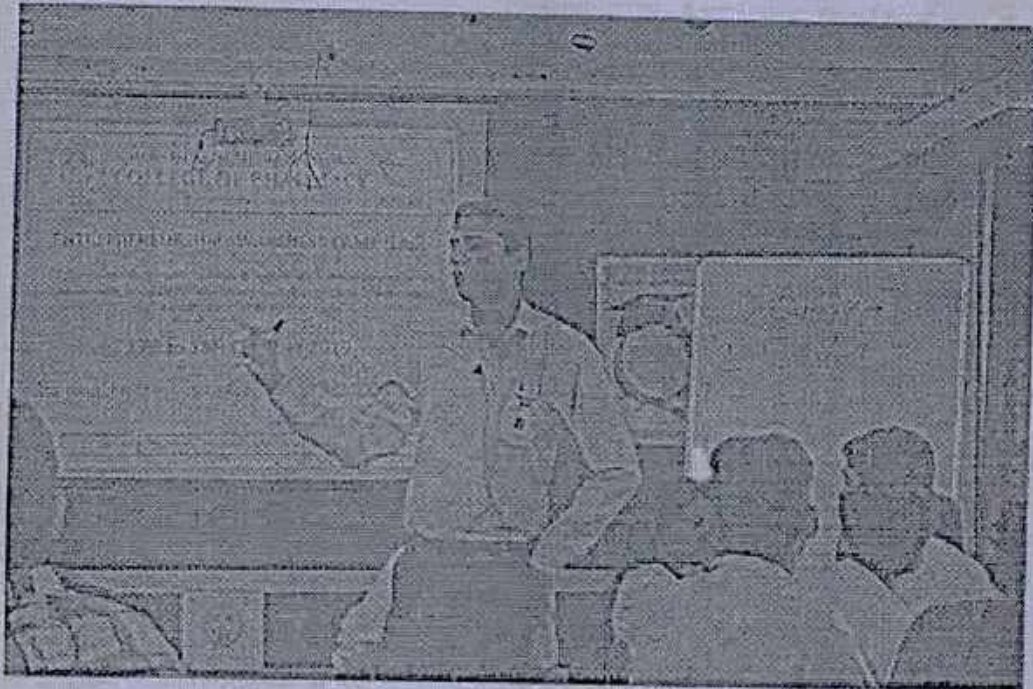
[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



DST - NIMAT PROJECT-2019-20

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra

Photographs of Programme



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



3.5.1. Number of Collaborative activities

Field Trip

Academic Year-2019-20

**Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033**


**DETAILS OF INDUSTRY/INSTITUTE VISITS FOR ACADEMIC YEAR
2019-20**

Sr. No.	Industrial Visit	No of Students Participated
1	Nulife Pharmaceuticals Pune, 19 th October - 2019	46
2	Yashwantrao Chavan Memorial Hospital (YCM), Pune, 18 th October 2019	64
3	Aditya Birla Memorial Hospital, Chinchwad, Pune on 16 th November 2019	84
4	National AIDS Research Institute, Bhosari, Pune 02 nd December 2019	67


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon, Pune-411033

Date: 14/10/2019

NOTICE

All the students of B. Pharm and M. Pharm are hereby informed that hospital visit is organized at Yashwantrao Chavan Memorial Hospital (YCM), Pune on 18th October, 2019 by our institute. The detailed schedule of the same is as:


Sr. No.	Date & Time	Venue	Faculty Name
1	18 th October, 2019 10:00 am to 04:00 pm.	Yashwantrao Chavan Memorial Hospital (YCM), Pune.	1. Dr. Rahul H. Khiste Dean Training, Placement, III, and EDC. MMCOP, Pune. 2. Mrs. Madhavi S. Bindu Asst. Professor, MMCOP, Pune. 3. Mrs. Prabha N. Bhong Asst. Professor. MMCOP, Pune.

All are informed to attend the same. "Attendance is compulsory"


Dr. Rahul H. Khiste

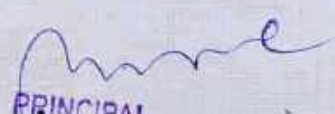
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

PRINCIPAL
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)

Approved by AICTE & PCI, New Delhi

Recognized by Govt. of Maharashtra, DTE (MS)

Affiliated to Savitribai Phule Pune University, Pune (Permanently Affiliated - B. Pharm.)

& Maharashtra State Board of Technical Education, Mumbai

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Sri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Sri. Kishor H. Mungale
Secretary

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION (MSBTE)

Ref: MM COP/yz/Mou/2019/255

Date: 27/09/2019

To,

The Dean,
Yashwantrao Chavan Memorial Hospital,
Sanjivnagar, Pimpri, Pune-411 018

Subject: Our students visit at your Esteemed Blood Bank.

Respected Sir/Madam,

With reference to above cited subject, I the undersigned would like to request you to kindly permit our students of F. Y. B. Pharm and F.Y.D. Pharm (118 No.) and faculty (4 No.) to visit your esteemed blood bank facility. This visit will give our students academic and social vision.

Kindly permit and oblige.

Thanking you.

Yours faithfully,

[Signature]
PRINCIPAL

building Pharmacy Professionals through Education par Excellence

S. No. 417, Sector No. 34, PCNYDA, Off. Kalewadi (Main Pimpri) Road, Thergaon, Pune - 411 033 (MS)

Ph. No. 844066841, E-mail: info@marathwadamitra.edu.in Website: www.marathwadamitra.edu.in



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon (Kalewadi), Pune 411 033

List of Students Participated in Yashwantrao Chavan Memorial Hospital, Pune on 18/10/2019
From Final Year B.Pharm & M. Pharm (2019-20)

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Atole Kajal Vilas	B. Pharm	33	Khatke Sujata Shivaji	B. Pharm
2	Balawade Rutuja Vilas	B. Pharm	34	Mali Vaibhavi Premraj	B. Pharm
3	Bhale Shrikant Bapurao	B. Pharm	35	More Samiksha Rajesh	B. Pharm
4	Bhange Rupali Keshav	B. Pharm	36	Naiknaware Santosh Gorakhrao	B. Pharm
5	Bhure Alka Ramesh	B. Pharm	37	Netke Sanket Tukaram	B. Pharm
6	Biradar Mohini Bhagwan	B. Pharm	38	Nimhan Nikita Vasant	B. Pharm
7	Buddepatil Sneha Rajendra	B. Pharm	39	Padvi Jagadish Nansing	B. Pharm
8	Chaudhari Neha Kishor	B. Pharm	40	Palkar Rushikesh Narayan	B. Pharm
9	Chaudhari Siddhesh Shankant	B. Pharm	41	Pangure Abhishek Pradip	B. Pharm
10	Chaure Amit Sanjay	B. Pharm	42	Parinche Snehal Pandurang	B. Pharm
11	Chavan Pooja Shrikrishna	B. Pharm	43	Putil Ankita Vikas	B. Pharm
12	Datir Akash Revji	B. Pharm	44	Patil Prathamesh Mahadev	B. Pharm
13	Dhopate Narayan Nagnath	B. Pharm	45	Prajapati Jigna Bharat	B. Pharm
14	Dhule Komal Dilip	B. Pharm	46	Raut Anup Shankarrao	B. Pharm
15	Doiphode Netra Gajananrao	B. Pharm	47	Rutele Nikita Pandurang	B. Pharm
16	Gadekar Aishwarya Machindra	B. Pharm	48	Sarphale Bhumika Dhonduram	B. Pharm
17	Ganorkar Saylee Naresh	B. Pharm	49	Sutvilkar Fahad Akhatar	B. Pharm
18	Gavali Shivani Pappu	B. Pharm	50	Sehgal Karan Rajesh	B. Pharm
19	Gopnar Vitthal Venkatrao	B. Pharm	51	Shaikh Nida Abubakar	B. Pharm
20	Gore Pratik Somnath	B. Pharm	52	Somvanshi Poonam Devidas	B. Pharm
21	Jadhav Vaishnavi Anil	B. Pharm	53	Suryawanshi Sapna Ganesh	B. Pharm
22	Jogdand Abhay Kailas	B. Pharm	54	Suryawanshi Sheetal Laxman	B. Pharm
23	Jorvekar Ankita Rajendrakumar	B. Pharm	55	Talape Supriya Dhondu	B. Pharm
24	Kadbane Ankita Anil	B. Pharm	56	Thakar Bharti Rajesh	B. Pharm
25	Kailash Kanhaiya Lal	B. Pharm	57	Thorave Mrunalini Suhas	B. Pharm
26	Kaiwade Priyanka Shyam	B. Pharm	58	Warude Aditi Deepak	B. Pharm
27	Kanakdande Tejaswini Mohanrao	B. Pharm	59	Avad Gita Digambar	B. Pharm
28	Kanetkar Swarali Subhash	B. Pharm	60	Bonde Komal Praveen	B. Pharm
29	Kasbe Shubhada Madhukar	B. Pharm	61	Jadhav Bhagyashri Bharat	B. Pharm
30	Kashid Swapnil Suresh	B. Pharm	62	Kolapkar Prasad Yuvraj	B. Pharm
31	Khairnar Tanmay Dilip	B. Pharm	63	Mittha Pradeep Sadanand	B. Pharm
32	Khandekar Pooja Rajkumar	B. Pharm	64	Patil Rohini Bhagwat	B. Pharm

Dean, Training, Placement, III & EDC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's College of Pharmacy
Kalewadi Phata- Pimpri Road,
Thergaon (Kalewadi), Pune-411033

INDUSTRY VISIT REPORT ACADEMIC YEAR-2019-20

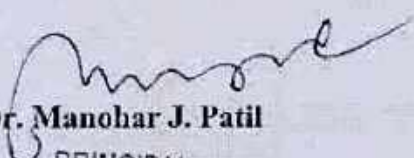
Marathwada Mitra Mandal's College of Pharmacy organizes Industrial Visits for B. Pharm and M. Pharm students to upgrade the students with current updates about the industrial profession. And to provide the knowledge of new modern techniques employed in the industries. Students have visited the reputed Pharma industry, which helps to develop innovative ideas among the students for the research.

Date of visit	18 th October, 2019
Place of visit	Yashwantrao Chavan Memorial Hospital (YCM), Pune
Coordinators from college	Dr. Rahul H. Khiste
Approved by	Dr. Manohar J. Patil
Participating students	64
Accompanying faculty members	Mrs. Madhavi S. Bindu Mrs. Prabha N. Bhong
Objectives of visit	To provide students an insight regarding internal working of pharmaceutical industry for making a good professional career.
Outcome of visit	Students came to know how theoretical concepts are put to into action, thereby aiding their practical learning.


Dr. Rahul H. Khiste


Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon, Pune-411033

Date: 11/11/2019

NOTICE

All the students of B. Pharm and M. Pharm are hereby informed that hospital visit is organized at Aditya Birla Memorial Hospital, Chinchwad, Pune on 16th November, 2019 by our institute. The detailed schedule of the same is as:

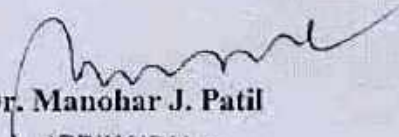
Sr. No.	Date & Time	Venue	Faculty Name
1	16 th November, 2019 10:00 am to 04:00 pm.	Aditya Birla Memorial Hospital, Chinchwad, Pune.	1. Dr. Rahul H. Khiste Dean Training, Placement, III, and EDC. MMCOP, Pune. 2. Mr. Ganesh S. Mhaske Asst. Professor, MMCOP, Pune. 3. Mrs. Aruna Narale Asst. Professor, MMCOP, Pune.

All are informed to attend the same. "Attendance is compulsory"


Dr. Rahul H. Khiste


Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

PRINCIPAL
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 933




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's

College of Pharmacy,

Thergaan (Kalewadi), Pune 411 033

List of Students Participated in Aditya Birla Memorial Hospital, Pune on 16/11/2019

From Final Year B.Pharm & M. Pharm (2019-20)

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Atole Kajal Vilas	B. Pharm	45	Prajapati Jigna Bharat	B. Pharm
2	Balawade Rutuja Vilas	B. Pharm	46	Raut Anup Shankarrao	B. Pharm
3	Bhale Shrikant Bapurao	B. Pharm	47	Rutele Nikita Pandurang	B. Pharm
4	Bhange Rupali Keshav	B. Pharm	48	Sarphale Bhumika Dhonduram	B. Pharm
5	Bhure Alka Ramesh	B. Pharm	49	Satvilkar Fahad Akhatar	B. Pharm
6	Biradar Mohini Bhagwan	B. Pharm	50	Sehgal Karan Rajesh	B. Pharm
7	Buddepatil Sneha Rajendra	B. Pharm	51	Shaikh Nida Abubakar	B. Pharm
8	Chaudhari Neha Kishor	B. Pharm	52	Somvanshi Poonam Devidas	B. Pharm
9	Chaudhari Siddhesh Shamkant	B. Pharm	53	Suryawanshi Sapna Ganesh	B. Pharm
10	Chaure Amit Sanjay	B. Pharm	54	Suryawanshi Sheetal Laxman	B. Pharm
11	Chavan Pooja Shrikrishna	B. Pharm	55	Talape Supriya Dhondu	B. Pharm
12	Datir Akash Revji	B. Pharm	56	Thakar Bharti Rajesh	B. Pharm
13	Dhopate Narayan Nagnath	B. Pharm	57	Thorave Mrunalini Suhas	B. Pharm
14	Dhule Komal Dilip	B. Pharm	58	Warude Aditi Deepak	B. Pharm
15	Doiphode Netra Gajananrao	B. Pharm	59	Avul Gita Digambar	M. Pharm
16	Gadekar Aishwarya Machindra	B. Pharm	60	Bonde Komal Praveen	M. Pharm
17	Ganorkar Saylee Naresh	B. Pharm	61	Jadhav Bhagyashri Bharat	M. Pharm
18	Gavali Shivani Pappu	B. Pharm	62	Kolapkar Prasad Yuvraj	M. Pharm
19	Gopnar Vitthal Venkatrao	B. Pharm	63	Miitha Pradeep Sadarand	M. Pharm
20	Gore Pratik Somnath	B. Pharm	64	Patil Rohini Bhagwat	M. Pharm
21	Jadhav Vaishnavi Anil	B. Pharm	65	Pisal Charushila Sopan	M. Pharm
22	Jogdand Abhay Kailas	B. Pharm	66	Sangar Saurabh Sadanand	M. Pharm
23	Jorvekar Ankita Rajendrakumar	B. Pharm	67	Sodanwar Kartikeya Vijay	M. Pharm
24	Kadbane Ankita Anil	B. Pharm	68	Wankhade Atul Shrikrishna	M. Pharm
25	Kailash Kanhaiya Lal	B. Pharm	69	Dudde Shweta Shyamsundar	M. Pharm
26	Kaiwade Priyanka Shyam	B. Pharm	70	Gaikwad Monika Shankarrav	M. Pharm
27	Kanndande Tejaswini Mohanrao	B. Pharm	71	Khopade Maya Sakharan	M. Pharm
28	Kanetkar Swarali Subhash	B. Pharm	72	Kote Priyanka Shivaji	M. Pharm
29	Kasbe Shubhada Madhukar	B. Pharm	73	Pathave Vanita Raju	M. Pharm
30	Kashid Swapnil Suresh	B. Pharm	74	Babar Rutuja Shankar	M. Pharm
31	Khairnar Tanmay Dilip	B. Pharm	75	Mandwal Dhanashri Subhashrao	M. Pharm
32	Khandekar Pooja Rajkumar	B. Pharm	76	Patil Gauri Sanjay	M. Pharm
33	Khatke Sujata Shivaji	B. Pharm	77	Shinde Nalini Sudhir	M. Pharm
34	Mali Vaibhavi Premraj	B. Pharm	78	Shinde Shubham Shirang	M. Pharm
35	More Samiksha Rajesh	B. Pharm	79	Shivde Shraddha Bhaskar	M. Pharm
36	Naiknaware Santosh Gorakhrao	B. Pharm	80	Nadhe Shivankita Shankar	M. Pharm
37	Netke Sanket Tukaram	B. Pharm	81	Phutane Aishwarya Ulhas	M. Pharm
38	Nimhan Nikita Vasant	B. Pharm	82	Satle Pratiksha Sunil	M. Pharm
39	Padvi Jugadish Nansing	B. Pharm	83	Surve Aniketh Bhagwan	M. Pharm
40	Palkar Rushikesh Narayan	B. Pharm	84	Jadhav Shital Nagorao	M. Pharm
41	Pangare Abhishek Pradip	B. Pharm			
42	Parinche Snehal Pandurang	B. Pharm			
43	Patil Ankita Vikas	B. Pharm			
44	Patil Prathamesh Mahadev	B. Pharm			

Dean, Training, Placement, III & EDC



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaan (Kalewadi), Pune-411 033

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaan (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's College of Pharmacy
Kalewadi Phata- Pimpri Road,
Thergaon (Kalewadi), Pune-411033

INDUSTRY VISIT REPORT ACADEMIC YEAR-2019-20


Marathwada Mitra Mandal's College of Pharmacy organizes Industrial Visits for B. Pharm and M. Pharm students to upgrade the students with current updates about the industrial profession. And to provide the knowledge of new modern techniques employed in the industries. Students have visited the reputed Pharma industry, which helps to develop innovative ideas among the students for the research.

Date of visit	16 th November, 2019
Place of visit	Aditya Birla Memorial Hospital, Chinchwad, Pune
Coordinators from college	Dr. Rahul H. Khiste
Approved by	Dr. Manohar J. Patil
Participating students	84
Accompanying faculty members	Mr. Ganesh S. Mhaske Mrs. Aruna Narale
Objectives of visit	To provide students an insight regarding internal working of pharmaceutical industry for making a good professional career.
Outcome of visit	Students came to know how theoretical concepts are put to into action, thereby aiding their practical learning.


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell





Dr. Manohar J. Patil

(Principal)

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
THERGAON, PUNE-411033**




**VISIT TO BLOOD BANK YASHWANTRAO CHAVAN MEMORIAL HOSPITAL (YCM) PUNE 18th OCTOBER 2019
STUDENTS INTERACTION WITH BLOOD BANK INCHARGE**



HOSPITAL VISIT TO ADITYA BIRLA MEMORIAL HOSPITAL, CHINCHWAD, PUNE, 16th NOVEMBER 2019




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon, Pune-411033

Date: 25/11/2019

NOTICE

All the students of B. Pharm and M. Pharm are hereby informed that industry visit is organized at National AIDS Research Institute, Bhosari, Pune on 02nd December, 2019 by our institute. The detailed schedule of the same is as:

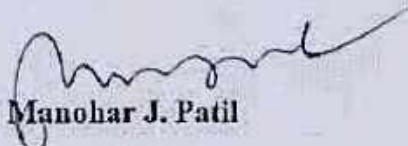
Sr. No.	Date & Time	Venue	Faculty Name
1	02 nd December, 2019 10:00 am to 04:00 pm.	National AIDS Research Institute, Bhosari, Pune.	1. Dr. Rahul H. Khiste Dean Training, Placement, III, and EDC. MMCOP, Pune. 2. Mrs. Aruna Narale Asst. Professor., MMCOP, Pune. 3. Mrs. Shruti Aher Asst. Professor, MMCOP, Pune.

All are informed to attend the same. "Attendance is compulsory"


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell





Dr. Manohar J. Patil

(Principal)

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)
Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhaasaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Ref: MM/COP/T&P Training Letter 2019-356

Date: 30/11/2019

To,
The Director,
National AIDS Research Institute,
Plot No 73, G - Block, MIDC Rd,
MIDC, Bhosari, Pune - 411026
Maharashtra, India

etc

Subject: Institute Visit for our Pharmacy Course students.

Respected Sir,

With the subject cited above, we the undersigned, requesting you to kindly permit our Pharmacy students to visit your esteemed organization (as Institute Visit).

We are glad to provide the following information-

- 1) No. of students- 104 with accompanying Faculty-05
- 2) Probable date of visit-02/12/2019 (Monday)
- 3) Ideal time-10.30 a.m.

You are requested to kindly permit & oblige.

Thanking You

Yours faithfully

Dr. Manoj L. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Dr. Rahul H. Khiste
Dean, Training, Placement, III & F.D. Cell

NATIONAL AIDS RESEARCH INSTITUTE
Plot No 73 G Block, MIDC,
Bhosari, Pune-411 028



----- building Pharmacy Professionals through Education par Excellence -----

S. No. 417, Sector No. 34, PCNTDA, Off Kalemwad Chhara Pimpri Road, Thergaon, Pune - 411 033 (MS)
Ph. No. 8446060841, E-mail: mmcor@mmcor.ac.in Website: www.mmarthwada.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's

College of Pharmacy,

Thergaon (Kalewadi), Pune-411 033

List of Students Participated in National AIDS Research Institute, Bhosari, Pune on 02/12/2019

From Final Year B.Pharm & M. Pharm (2019-20)

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Atole Kajal Vilas	B. Pharm	35	More Samiksha Rajesh	B. Pharm
2	Balawade Rutuja Vilas	B. Pharm	36	Naiknaware Santosh Gorakhrao	B. Pharm
3	Bhale Shrikant Bapurao	B. Pharm	37	Netke Sanket Tukaram	B. Pharm
4	Bhange Rupali Keshav	B. Pharm	38	Nimhan Nikita Vasant	B. Pharm
5	Bhure Alka Ramesh	B. Pharm	39	Padvi Jagadish Nansing	B. Pharm
6	Biradar Mohini Bhagwan	B. Pharm	40	Palkar Rushikesh Narayan	B. Pharm
7	Buddepatil Sneha Rajendra	B. Pharm	41	Pangare Abhishek Pradip	B. Pharm
8	Chaudhari Neha Kishor	B. Pharm	42	Parinche Snehal Pandurang	B. Pharm
9	Chaudhari Siddhesh Shamkant	B. Pharm	43	Patil Ankita Vikas	B. Pharm
10	Chaure Amit Sanjay	B. Pharm	44	Patil Prathamesh Mahadev	B. Pharm
11	Chavan Pooja Shrikrishna	B. Pharm	45	Prajapati Jigna Bharat	B. Pharm
12	Datir Akash Revji	B. Pharm	46	Raut Anup Shankarrao	B. Pharm
13	Dhopate Narayan Nagnath	B. Pharm	47	Rutele Nikita Pandurang	B. Pharm
14	Dhule Komal Dilip	B. Pharm	48	Sarphale Bhumika Dhonduram	B. Pharm
15	Doiphode Netra Gajanandrao	B. Pharm	49	Satvilkar Fahad Akhatar	B. Pharm
16	Gadekar Aishwarya Machindra	B. Pharm	50	Sehgal Karan Rajesh	B. Pharm
17	Ganorkar Saylee Naresh	B. Pharm	51	Shaikh Nida Abubakar	B. Pharm
18	Gavali Shivani Pappu	B. Pharm	52	Somvanshi Poonam Devidas	B. Pharm
19	Gopnar Vitthal Venkatrao	B. Pharm	53	Suryawanshi Sapna Ganesh	B. Pharm
20	Gore Pratik Somnath	B. Pharm	54	Suryawanshi Sheetal Laxman	B. Pharm
21	Jadhav Vaishnavi Anil	B. Pharm	55	Talape Supriya Dhondu	B. Pharm
22	Jogdand Abhay Kailas	B. Pharm	56	Thakar Bharti Rajesh	B. Pharm
23	Jorvekar Ankita Rajendrakumar	B. Pharm	57	Thorave Mrunalini Suhas	B. Pharm
24	Kadbane Ankita Anil	B. Pharm	58	Warude Aditi Deepak	B. Pharm
25	Kailash Kanhaiya Lal	B. Pharm	59	Jadhav Bhagyashri Bharat	B. Pharm
26	Kaiwade Priyanka Shyam	B. Pharm	60	Kolapkar Prasad Yuvraj	B. Pharm
27	Kanakdande Tejaswini Mohanrao	B. Pharm	61	Mitha Pradeep Sadanand	B. Pharm
28	Kanetkar Swarali Subhash	B. Pharm	62	Patil Rohini Bhagwat	B. Pharm
29	Kasbe Shubhada Madhukar	B. Pharm	63	Pisal Charushila Sopan	B. Pharm
30	Kashid Swapnil Suresh	B. Pharm	64	Sangar Saurabh Sadanand	B. Pharm
31	Khairnar Tannay Dilip	B. Pharm	65	Sodanwar Kartikeya Vijay	B. Pharm
32	Khandekar Pooja Rujkumar	B. Pharm	66	Wankhade Atul Shrikrushna	B. Pharm
33	Khatke Sujata Shivaji	B. Pharm	67	Bonde Komal Praveen	B. Pharm
34	Mali Vaibhavi Premraj	B. Pharm			

Dean, Training, Placement, III & EDC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's College of Pharmacy
Kalewadi Phata- Pimpri Road,
Thergaon (Kalewadi), Pune-411033

INDUSTRY VISIT REPORT ACADEMIC YEAR-2019-20

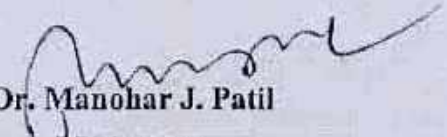
Marathwada Mitra Mandal's College of Pharmacy organizes Industrial Visits for B. Pharm and M. Pharm students to upgrade the students with current updates about the industrial profession. And to provide the knowledge of new modern techniques employed in the industries. Students have visited the reputed Pharma industry, which helps to develop innovative ideas among the students for the research.

Date of visit	2 nd December, 2019
Place of visit	National AIDS Research Institute, Bhosari, Pune
Coordinators from college	Dr. Rahul H. Khiste
Approved by	Dr. Manohar J. Patil
Participating students	67
Accompanying faculty members	Ms. Shruti M. Aher Mrs. Aruna Narale
Objectives of visit	To provide students an insight regarding internal working of pharmaceutical industry for making a good professional career.
Outcome of visit	Students came to know how theoretical concepts are put to into action, thereby aiding their practical learning.


Dr. Rahul H. Khiste


Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Collaborative activities for research, Faculty exchange, Student exchange/ Internship, Field Trip

Academic Year-2018-19

3.5.1. Number of Collaborative activities for Research

Collaborative research by faculty with other institute
resulted in publications

Academic Year-2018-19

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033

M. PHARM DISSERTATION PROJECTS AT INDUSTRY DURING A.Y. 2018-19

Sr. No	Name of Student	Specialization	Industry/ Organization
1	Ms. Yelne Ankita Ghanshyam	M. Pharm. Pharmacognosy	Ari Healthcare Private Limited, Pune
2	Ms. Tope Sukeshani Satishrao	M. Pharm. Pharmacognosy	Ari Healthcare Private Limited, Pune

Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell



Dr. Manohar J. Patil

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH



Received on 03 January, 2018; received in revised form, 16 March, 2018; accepted, 18 March, 2018; published 01 September, 2018

DESIGN, DEVELOPMENT AND CHARACTERIZATION OF SELF MICRO EMULSIFYING DRUG DELIVERY SYSTEM FOR ACECLOFENAC

Mukesh P. Ratnaparkhi ¹ and Praveen D. Chaudhari ²

Department of Pharmaceutics ¹, Marathwada Mitra Mandals College of Pharmacy, Thergaon, Pune - 411033, Maharashtra, India.

Department of Pharmaceutics ², PES Modern College of Pharmacy, Nigdi, Pune - 411044, Maharashtra India.

Keywords:

Acetofenac, SMEDDS, Phase Diagram, Dissolution rate

Correspondence to Author:

Mukesh P. Ratnaparkhi

Professor & Dean Student Affair, Department of Pharmaceutics, Marathwada Mitra Mandals College of Pharmacy, Thergaon, Pune - 411033, Maharashtra, India.

E-mail: mukeshparkhi@yahoo.co.in

ABSTRACT: Self-microemulsifying drug delivery system (SMEDDS) of Aceclofenac (ACE) was aimed at overcoming the problems of poor solubility. ACE is practically insoluble in water as a result it shows erratic oral absorption and affects the bioavailability. The formulation strategy included selection of oil phase based on saturated solubility studies and surfactant and co-surfactant screening on the basis of their emulsification ability. Ternary phase diagrams were constructed to identify the self-emulsifying region. Labrafac PG 8 (20%) as oil, Tween 80 (60%) as surfactant and Polyethylene glycol 400 (20%) as co-surfactant were concluded to be optimized components. The prepared SMEDDS was characterized through its droplet size, zeta potential, emulsification time and rheological determination. The optimized formulation exhibited 98.14 ± 0.34% in vitro drug releases, which was significantly higher than that of the drug solution. The study confirmed the potential of ACE SMEDDS for oral administration. It was concluded that the SMEDDS formulation approach can be used to improve solubility and dissolution of poorly water-soluble drugs such as ACE.

INTRODUCTION: Approximately, one third of the drugs emerging from drug discovery programs are poorly water soluble, presenting several problems when the pharmaceutical scientist developing formulations of such active pharmaceutical ingredients (API). Conventional oral dosage forms for poorly water soluble drugs present the drug in a solid form to the gastrointestinal tract which means the drug has to dissolve in the GI fluids before it can be absorbed.

Thus, their rate and extent of absorption is largely dependent on the rate of dissolution. The formulation technique plays an important role in overcoming this short coming of poorly water soluble drugs.

According to the Biopharmaceutical Classification System (BCS), two classes of drugs show poor aqueous solubility namely BCS II and BCS IV. BCS II drugs possess poor aqueous solubility but have good permeation properties. BCS class IV drugs are poorly water soluble and poorly permeable. Developing a formulation for a class IV drug is nearly impossible unless the dose necessary is very small. Most of the times, such drugs are withdrawn at its lead optimization stage of drug discovery and reworked to improve its physicochemical properties.

QUICK RESPONSE CODE with QR code, DOI: 10.13040/IJPSR.0975-8232.9(9).1000-11, Article can be accessed online on: www.ijpsr.com, DOI link: http://dx.doi.org/10.13040/IJPSR.0975-8232.9(9).1000-11



PRINCIPAL Marathwada Mitra Mandals COLLEGE OF PHARMACY Thergaon (Kalewadi), Pune-411 033



CODEN [USA]: IAJPB

ISSN: 2349-7750

INDO AMERICAN JOURNAL OF
PHARMACEUTICAL SCIENCES

<http://doi.org/10.5281/zenodo.1251949>

Available online at: <http://www.iajps.com>

Research Article

STABILITY –INDICATING DENSITOMETRIC METHOD FOR SIMULTANEOUS DETERMINATION OF DONEPEZIL HYDROCHLORIDE AND CURCUMIN IN *INSITU* NASAL GEL

V.A. Ghodake, B.A. Agarwal, A.R. Tekade*

Rajashri Shahu College of Pharmacy and Research, Tathawade, Pune 411033; Marathwada
Mitra Mandal's College of Pharmacy, Thergaon, Pune 411033

Abstract:

A stability indicating high performance thin layer chromatography (HPTLC) method was developed and validated for determination of Donepezil hydrochloride and curcumin in *in situ* nasal gel. Study was performed on pre-coated silica gel HPTLC plates using toluene: methanol: glacial acetic acid (8: 2: 0.1 v/v/v) as the mobile phase. A TLC scanner set at 254 nm was used for direct evaluation of the chromatograms in the reflectance/absorbance mode. Method was validated according to ICH guidelines. The correlation coefficients of calibration curves were found to be 0.994 and 0.988 in the concentration range of 300–1800 and 120–720 ng band⁻¹ for donepezil hydrochloride and curcumin, respectively. The method had an accuracy of 100.6 % for donepezil hydrochloride and 99.08% for curcumin. The method had the potential to determine these drugs simultaneously from dosage forms without any interference of the excipients. Donepezil hydrochloride and curcumin were also subjected to acid, base, oxidation, heat and photo-degradation studies. The degradation products obtained were well resolved from the pure drugs with significantly different R_f values. As the method could effectively separate the drugs from its degradation products, it can be used for stability-indicating analysis.

Keywords: High-performance thin-layer chromatography, Donepezil hydrochloride and Curcumin, Stability-indicating method

Corresponding author:

Dr. Avinash. R. Tekade,
Professor and Head of Department (Pharmaceutics),
Marathwada Mitra Mandal's College of Pharmacy,
Thergaon, Pune 411033,
Maharashtra, India.
Contact: 9371152536, 8208565514
Email: avitekade@gmail.com



Please cite this article in press Avinash. R. Tekade *et al.*, Stability –Indicating Densitometric Method for Simultaneous Determination of Donepezil Hydrochloride and Curcumin in *In situ* Nasal Gel, *Indo Am. J. P. Sci.*, 2018; 05(05).



(Signature)
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Atorvastatin Loaded Microsponges based Emu Oil Emulgel for Faster Wound Healing

Kuldeepsing D Rajput¹, Anil N Tankar¹ and Avinash R Tekade^{2*}

¹Department of Pharmaceutics, JSPM'S Rajarshi Shahu College of Pharmacy, India

²Department of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, India

Abstract

A micro sponge delivery system is patented, highly cross-linked, porous and polymeric in nature. Polymeric system consisting of porous microspheres that can entrap wide range of actives and then release them onto the skin over a time and in response to trigger. The fundamental appeal of the micro sponge technology overcome the problems of greasiness, stickiness associated with the conventional formulations in releasing active ingredients over an extended period of time that often result in lack of patient compliance. When applied to the skin, the MDS releases its active ingredient on a time mode and also in response to other stimuli (rubbing, temperature, pH, etc). Delivery system comprised of a polymeric bead having network of pores with an active ingredient held within was developed to provide controlled release of the active ingredients

Introduction

Micro sponge formulations have higher payload (50 to 60%), still free flowing and can be cost effective [1-3]. Microsponge can be prepared by Emulsion solvent diffusion method and Suspension polymerization method.

Eudragits polymers are preferred to control the release of drug in formulation of microsponges by quasi emulsion solvent diffusion method. It is a copolymer of ethyl acrylate, methyl methacrylate, and a low content of Methacrylic acid ester with quaternary ammonium groups. As the polymer contains the ammonium salt groups, its permeability is pH independent [4]; Wound is defined as disruption of cellular, anatomical and functional continuity of a living tissue, produced by physical, chemical, thermal, microbial or immunological insult to the tissue [5]. A wound is colonized when growth and death of bacteria in the wound is balanced by the host. If the host is not able to keep the bacterial growth in balance, the wound will enter the infection phase (Bacterial load in excess of 10^{10}). Symptoms for an infected wound are erythema, edema, warmth, pain and exudate. Infections of chronic wounds are often polybacterial with *Staphylococcus aureus* and anaerobes being the most common in chronic wound [6].

Wound healing is the interaction of a complex cascade of cellular and biochemical actions leading to the restoration of structural and functional integrity with regain of strength of injured tissues [5]. The healing of a wound is achieved by way of the integrated phases of haemostasis, inflammation, proliferation and remodeling. These phases must occur in the proper sequence and time period, without interference and at optimal intensity, in order for a wound to heal normally [7].

However, medical therapies for wound care are limited; therefore, development of new treatment modalities to improve wound healing in diabetic patients is an essential and emerging field of investigation [8]. Numerous conservative methods, such as honey as a dressing solution [9], topical antimicrobial therapies total contact casting [10], wound dressings [11] for the treatment of diabetic wounds have been reported in the literature. Herbal therapies were also reported [12]. In this study, a well-known agent. Atorvastatin is used for the treatment of wounds. It is reported that statins may be useful in the treatment of diabetic foot ulceration (DFU) [13]. Statins are widely used for the treatment of hyperlipidaemia, has been shown to prevent cardiovascular events in patients with diabetes. In addition to preventing macrovascular diseases, statins may also be able to retard the progression of microvascular complications of diabetes [14]. Statin drugs directly enhance the ability of endothelial nitric oxide synthase to generate nitric oxide in endothelial cells independent of lipid-lowering effects [15,16]. In animal studies, the use of statins on the vascular system, such as the coronary artery, cerebral artery, small mesenteric artery, aorta, and corpus cavernosum, was shown to result in vascular relaxation by up regulating nitric oxide synthase [16-18] Indeed,

OPEN ACCESS

*Correspondence:

Avinash R Tekade, Department of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, India, Tel: 09371152536;

E-mail: avitekade@gmail.com

Received Date: 23 Dec 2017

Accepted Date: 12 Jan 2018


Published Date: 19 Jan 2018

Citation:

Rajput KD, Tankar AN, Tekade AR. Atorvastatin Loaded Microsponges based Emu Oil Emulgel for Faster Wound Healing. *Ann Pharmacol Pharm.* 2018; 3(1): 1139.

Copyright © 2018 Avinash R Tekade. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

RESEARCH ARTICLE

 Check for updates

Nanostructured cubosomes in an *in situ* nasal gel system: an alternative approach for the controlled delivery of donepezil HCl to brain

Rahul P. Patil^a, Devlya D. Pawara^b, Chetan S. Gudewar^b and Avinash R. Tekade^b

^aDepartment of Pharmaceutics, JSPM'S Rajarshi Shahu College of Pharmacy and Research, Pune, Maharashtra, India; ^bDepartment of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, Pune, Maharashtra, India

ABSTRACT

The purpose of this research was to develop cubosomal mucoadhesive *in situ* nasal gel to enhance the donepezil HCl delivery to the brain. Glycerol mono-oleate (GMO) and surfactant poloxamer 407 were used to prepare cubosomes. The developed formulations were characterized for particle size (PS), poly dispersity index (PDI), zeta potential (ZP), entrapment efficiency (EE), transmission electron microscopy (TEM), *in vitro* drug release and *in vivo* bio-distribution study in blood and brain tissue. Central composite design was used for the optimization purpose and the selected formulation (containing GMO 2g and poloxamer 1.5%) was prepared in presence of gellan gum and konjac gum as gelling agent and mucoadhesive agent respectively. The optimal cubosomal dispersion and optimal cubosomal mucoadhesive *in situ* nasal gel were subjected to *in vivo* bio-distribution studies in rat model. It showed significantly higher transnasal permeation and better distribution to the brain, when compared to the drug solution. Thus, the formulated cubosomal mucoadhesive *in situ* gel could be considered as a promising carrier for brain targeting of CNS acting drugs through the transnasal route.

ARTICLE HISTORY

Received 9 May 2018
Revised 15 November 2018
Accepted 21 November 2018

KEYWORDS

Donepezil HCl; intranasal delivery; cubosomes; mucoadhesion; *in situ* gel; bio-distribution; brain targeting

1. Introduction



The incidence of central nervous system (CNS) diseases for example Alzheimer's, Parkinson's and Huntington's are expected to increase significantly in the twenty-first century (Sharma *et al.* 2014). Alzheimer's disease (AD) is characterized by synaptic loss and degeneration of cholinergic neurons in the cortex and other areas of the brain, which result in deficits in cholinergic transmission and acetylcholine (ACh) level. Cholinesterase inhibitors (ChEIs) catalyse the breakdown of AChE in synaptic cleft, thus enhancing ACh level to moderate AD (Yang *et al.* 2013). Alzheimer's disease (AD) is clinically characterized by progressive loss of memory, impaired judgment, altered decision making, apraxia resulting in complete brain failure and death (Muntimadugu *et al.* 2016). The global prevalence of Alzheimer's disease (AD) is approximately 25 million (Shadab *et al.* 2014). Thus, there is an increasing need of novel brain drug carriers for macromolecular drugs for the treatment of CNS disorder like AD.

Developing drug delivery system for CNS targeting is challenging task due to the presence of blood-brain barrier (Devkar *et al.* 2014). Numerous successful studies focusing on the nasal pathway for CNS drug delivery has been reported previously (Horvát *et al.* 2009). The blood-brain barrier (BBB) provides protection for the brain but hinders the treatment and diagnosis of neurological diseases because the drugs must cross the BBB to reach the lesions. The non-invasive nose-to-brain delivery has advantages over other routes of administration like circumventing first pass metabolism and

blood brain barrier (BBB) thus providing a promising route for CNS targeting. The unique anatomic and physiologic properties of the olfactory region and trigeminal nerve provide both extracellular and intracellular pathways into the CNS that bypass the BBB (Serralheiro *et al.* 2015, Meng and Bi-Botti 2010). Thus, centrally acting drugs can be administered more effectively via nasal route using various carriers.


Numerous carriers such as liposomes, microspheres, nanoparticles are promising approaches to target CNS (Devkar *et al.* 2014) overcoming the problems of stability, low drug encapsulation, and residual solvent (Lehr 2000). Colloidal carrier system protects compound of interest in the nasal cavity from the degrading environment and promote their transport beyond nasal mucosa (Abdelrahman *et al.* 2015). Recently, researchers have considered cubosomes as a potential drug delivery system for CNS targeting in order to treat CNS disorders efficiently. Cubosomes (Cubs) are nanostructured liquid particles which are crystalline in nature consisting of bi-continuous lipid bilayers having the capacity to incorporate drugs of different physicochemical properties (Horvát *et al.* 2009, Morsi *et al.* 2014, Milak and Andreas 2015).

With the recent developments in the technology, experience and expertise in the area of nano-pharmaceuticals, cubosome-based systems are being actively pursued as potential alternatives to non-common systems such as liposomes and niosomes (Rarokar *et al.* 2016). Cubosomes are made up of a binary system of mono-olein and water, where

CONTACT Avinash R. Tekade  avitekade@gmail.com  Department of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, S. No 17, Sector 34, Thergaon, Pune, Maharashtra 411033, India

© 2019 Informa UK Limited, trading as Taylor & Francis Group




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH

An International Journal published monthly

An Official Publication of Society of Pharmaceutical Sciences and Research


[Editorial Board](#) [Current Issues](#) [Archives](#) [Instructions to Authors](#) [Manuscript Submission](#) [Conference Proceedings](#)
[Home](#) [STUDY OF FORCED DEGRADATION BEHAVIOUR OF A NOVEL PROTEASOME-INHIBITING ANTICANCER DRUG BY LC-MS AND DEVELOPMENT OF A VALIDATED STABILITY-INDICATING ASSAY METHOD](#)

STUDY OF FORCED DEGRADATION BEHAVIOUR OF A NOVEL PROTEASOME-INHIBITING ANTICANCER DRUG BY LC-MS AND DEVELOPMENT OF A VALIDATED STABILITY-INDICATING ASSAY METHOD

[HTML Full Text](#)

STUDY OF FORCED DEGRADATION BEHAVIOUR OF A NOVEL PROTEASOME-INHIBITING ANTICANCER DRUG BY LC-MS AND DEVELOPMENT OF A VALIDATED STABILITY-INDICATING ASSAY METHOD

Babita A. Agarwal and Santosh V. Gandhi

Department of Pharmaceutical Chemistry, A.I.S.S.M.S College of Pharmacy, Kennedy Road, Pune - 411001, Maharashtra, India.

ABSTRACT: In the present study, comprehensive stress testing of Carfilzomib, a newly approved proteasome-inhibiting anticancer drug was carried out according to ICH guideline Q1A (R2). The drug was subjected to acid (0.1N HCl), neutral and alkaline (0.1N NaOH) hydrolytic conditions at 70 °C, as well as to oxidative decomposition at room temperature. Photolysis was carried out in 0.1N HCl, water and 0.1N NaOH at 40 °C. LC-PDA and LC-MS investigated the products formed under different stress conditions. The LC-PDA method that could separate all degradation products formed under various stress conditions involved a C18 column and a mobile phase comprising of ACN and phosphate buffer (pH 3). The flow rate and detection wavelengths were 1 ml/min and 220 nm, respectively. The developed method was found to be precise, accurate, specific and selective. It was suitably modified for LC-MS studies by replacing phosphate buffer with water, where pH was adjusted to 3.0 with formic acid. The drug showed instability in the solution state (under acidic, neutral, alkaline and oxidative stress conditions), but was relatively stable in the solid-state, except the formation of minor products under accelerated conditions. Primarily, maximum degradation products were formed in acid conditions, though the same were also produced variably under other stress conditions. LC-MS fragmentation studies characterized the products. Based on the results, a complete degradation pathway for the drug could be proposed. LC-ESI-MS/MS characterized the major stress degradation product, and its fragmentation pathway was proposed.

Keywords:

Carfilzomib, Stress degradation, Stability indicating assay method, LC-MS, Degradation pathway

INTRODUCTION: Stability testing is nowadays the key procedural component in the pharmaceutical development program for a new drug as well as new formulation.

Drugs undergo physicochemical degradation upon storage. Pharmaceutical companies perform forced-degradation studies (stress testing) during pre-formulation to help in the selection of compounds and excipients for further development, to facilitate in salt selection or formulation optimization, and to produce samples for developing stability-indicating analytical methods.

Thus, stability testing of a drug under various temperature and humidity conditions is indispensable during the drug development process.

A stability-indicating method is "a validated quantitative analytical procedure that can detect the changes with time in the pertinent properties of the drug substance and drug product." A stability-indicating method accurately measures the active ingredients, without interference from degradation products, process impurities, excipients, or other potential impurities. Stability testing guidelines issued by International Conference on Harmonization (ICH) and other international agencies^{1, 2, 3, 4, 5} require the reporting, identification, and characterization of degradation products (DPs). Tandem Mass Spectrometry (MSn) and LC coupled with Mass Spectrometry (LC-MS, LC-MS/MS) are becoming the most versatile techniques for characterization of pharmaceutical DPs and impurity profiling.

Carfilzomib (CFZ, Fig. 1) marketed under the trade name Kyprolis, developed by Onyx Pharmaceuticals is an anti-cancer drug acting as a selective proteasome inhibitor. Chemically, it is (2S)-N-((S)-1-((S)-4-methyl-1-((R)-2-methyl oxirane-2-yl)-1-oxopentan-2-ylcarbamoyl)-2-phenylethyl)-2-((S)-2-(2-morpholinoacetamido)-4-phenylbutanamido)-4-ethylpentanamidate tetrapeptide epoxyketone and an analog of epoxomicin. The U.S. Food and Drug Administration (FDA) approved it on 20 July 2012 for use in patients with multiple myeloma. The epoxyketone moiety binds irreversibly to the N-terminal threonine of the chymotrypsin-like active site of the proteasome and disrupts its catalytic function^{6, 7, 8, 9, 10, 11}. Only two papers discuss LC-MS quantification of this drug in biological materials^{12, 13} and one HPLC-UV method for CFZ or its drug formulations¹⁴ have been reported.

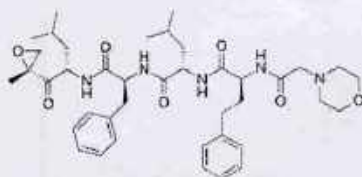


FIG. 1: STRUCTURE OF CARFILZOMIB



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Article Details

POTENTIAL OF RP-HPLC-DAD-MS FOR THE QUALITATIVE AND QUANTITATIVE ANALYSIS OF DAPAGLIFLOZIN IN TABLETS AND DEGRADANTS

Agarwal B.^{a,*} and Ganohi S.^b

^a Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune - 411 033, Maharashtra, India

^b A.I.S.S.A.S. College of Pharmacy, Kennedy Road, Near RTD, Pune - 411 001, Maharashtra, India

* For Correspondence: E-mail - babita_a_agarwal@yahoo.co.in

ABSTRACT

Dapagliflozin is a new drug of the gliflozin class which inhibits subtype 2 of the sodium-glucose transport proteins (SGLT2). It is a recent drug in the market and the generic market may soon get flooded with it. Therefore, newer methods are required to control dapagliflozin in pharmaceuticals. In the present study, a new method based on RPHPLC coupled to DAD and MS was developed to validate the analysis of dapagliflozin in tablet dosage form. A wavelength of 222 nm was selected to perform a cost-effective quantification and the method showed adequate linearity, with an R² value of 0.9998, and acceptable values of accuracy (75%–102%) and precision (residual standard deviation < 5%). The detection and quantification limits were 1.16 µg/mL and 0.53 µg/mL, respectively. Furthermore, the use of high-resolution MS enabled us to ensure the specificity, check impurities and better sensitivity. Therefore, this methodology promises to be suitable not only for the routine analysis of dapagliflozin in pharmaceutical dosage forms, but also for potential degradants.

Year 2018 | Volume No. 55 | Issue No.11 | Page No. 45-49

[DOWNLOAD ARTICLE](#)

Recent Issue

December 2020
Vol. 57, Num.12

November 2020
Vol. 57, Num.11

March 2021
Vol. 58, Num.3

April 2021
Vol. 58, Num.4

VI

Current Issue



May 2021

Quick Contact

+91 22 24974308 / 2497

publications@idmaind

Subscribe IDMA bulletin

Email address



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH

An International Journal published monthly

An Official Publication of Society of Pharmaceutical Sciences and Research

INDEXED IN
Embase
An Elsevier Product

[Editorial Board](#) [Current Issues](#) [Archives](#) [Instructions to Authors](#) [Manuscript Submission](#) [Conference Proceedings](#)

Home [DESIGN OF EXPERIMENT IN THE BIO-ANALYTICAL DETERMINATION OF QUETIAPINE FUMARATE IN HUMAN PLASMA BY A RP-HPLC METHOD](#)

DESIGN OF EXPERIMENT IN THE BIO-ANALYTICAL DETERMINATION OF QUETIAPINE FUMARATE IN HUMAN PLASMA BY A RP-HPLC METHOD

[HTML Full Text](#)

DESIGN OF EXPERIMENT IN THE BIO-ANALYTICAL DETERMINATION OF QUETIAPINE FUMARATE IN HUMAN PLASMA BY A RP-HPLC METHOD

Sempada D. Dalvi¹, Rabintra K. Nanda² and Sohan S. Chitlange²

Department of Pharmaceutical Chemistry¹, Marathwada Mitra Mandal's College of Pharmacy, Kalewadi, Pune - 411033, Maharashtra, India.

Department of Pharmaceutical Chemistry², Dr. D. Y. Patil Institute of Pharmaceutical Science and Research, Pimpri Pune - 411018, Maharashtra, India.

ABSTRACT: A new, simple, sensitive, accurate and precise RP-HPLC method was developed for the estimation of quetiapine fumarate in human plasma. Full factorial design was used for the optimization of an extraction method. The main effect of volume of deproteinizing agent, speed of centrifugation, time of centrifugation and temperature of centrifugation was found to be significant at $P < 0.0001$ on all the responses. After deproteinization, the drug was analyzed on a C18 (150 × 4.6 mm, 5 μm) column using UV detector. The mobile phase consisting acetonitrile and phosphate buffer (pH 3) in the ratio of 50:50 (v/v) at a flow rate of 1.0 ml/min. The standard calibration curve was constructed in the concentration range of 5 μg/ml to 30 μg/ml and linearity was found to be 0.999. Ibuprofen was used as the internal standard. The retention time of quetiapine fumarate and the internal standard was found to be 5.42 and 2.89 min, respectively. No interference peak was perceived. The high performance liquid chromatography method was successfully demonstrated as rapid and sensitive method which can be used as an alternative for the analysis of quetiapine fumarate in plasma samples.

Keywords:

Design of Experiment, RP-HPLC, Quetiapine fumarate, Validation, human plasma, extraction

INTRODUCTION: Quetiapine fumarate (QTF) is an atypical antipsychotic agent indicated for the treatment of schizophrenia and for the treatment of acute manic episodes associated with bipolar disorder. It is a selective monoaminergic antagonist¹. However, this effect is mediated through anta-gonism of dopamine type 2 (D₂) and serotonin type 2 (5HT₂) receptors. QTF is a dibenzothiazepine derivative and is chemically 2, (2-[2-(4-Dibenzo [b,f] [1,4]thiazepin-11-yl)-1-piperaziny] ethoxy) ethanol) fumarate.

QTF belongs to the same family as clozapine and olanzapine, which are classified as a typical anti-psychotic and do not cause major extrapyramidal side effects. The generic name is Seroquel. It is white or almost white powder, moderately soluble in water and soluble in methanol and 0.1 N HCl. It is available in tablets form in dosage level of 25 mg, 50 mg, 100 mg, 200 mg, 300 mg and 400 mg. Maximum daily dosages is 800 mg in adults. This drug is rapidly absorbed after oral administration with peak plasma concentration attained within 1.50 hrs. Bioavailability of tablet formulation is 100% relative to an oral solution, which may be marginally affected by food. Plasma protein binding of QTF is 83%. The drug is extensively metabolites, principally through CYP3A4. The drug is having half-life period of approximately 6 hours.

Quetiapine fumarate is not official in any pharmacopoeia². Literature survey reveals that LC-MS/MS³, LC-Electrospray-Tandem Mass Spectro-scropy⁴, HPLC⁵ methods have been reported for determination of QTF in human plasma. However, these existing methods involved multiple steps of extraction and expensive. Hence, there is a need to develop and validate a simpler, easier, faster yet economical new bio-analytical method for the extraction and estimation of quetiapine in plasma samples using HPLC with a UV detector. It is also necessary that the extraction process be simpler as rapid as possible. Although, the extraction process has been well established, it is affected by the choice of de-proteinizing agent used, volume of the extracting solvent, simplicity of the extraction and the protein separating process³⁻⁴.

Furthermore, in the estimation process, short analysis time, sensitivity, robustness, precision, accuracy, sharpness of the peak and other economic aspects should be considered. These factors can be achieved with appropriate extraction conditions, appropriate buffer selection, pH and UV detector wavelength and flow rate, stationary and mobile phase. A slightly volatile buffer with a suitable pH should be used with respect to the pKa value of drug for appropriate elution, while composition of the mobile phase and flow rate should be adjusted to reduce the retention time⁵.

The aim of the present study was to develop and validate a sensitive, simple, easy, fast, reproducible, precise and economical bio-analytical HPLC method for the estimation of QTF in human plasma. To achieve the aim of the present study, design of experiment (DOE) approach has been embraced for the statistical optimization of de-proteinizing agent, volume of de-proteinizing agent, centrifugation speed and time as a part of the extraction process. Further, the extracted drug samples were analysed with the newly developed and validated HPLC bio-analytical method.

Chemicals and Reagents: Active pharmaceutical ingredient (API) working standards of Quetiapine fumarate, was obtained as gift sample from Lupin Limited, Pune, India. HPLC grade acetonitrile, methanol and orthophosphoric acid were obtained from Merck, Mumbai, India Limited. HPLC grade water was obtained from Molychem, Thane, India. The blank human plasma was obtained from Blood bank (healthy human volunteers).

Instrumentation: The HPLC system (Cyberlab LC 100) consisting of binary gradient pump, micro-sorb-MV 100-S-C-18 column (250 × 4.6 mm, 5 μm), UV detector was employed for analysis. Chromatographic data was acquired using WIS-100 Workstation software. Microsorb MV 100-S-C-18 column (150 × 4.6 mm, 5 μm)

ABOUT JOURNAL (ABOUTJOURNAL.ASPX) CONTACT US (CONTACTUS.ASPX)



(Home.aspx)

Research Journal of Pharmacy and Technology

(Home.aspx)

ISSN

0974-360X (Online)

0974-3618 (Print)

HOME ▾ (HOME.ASPX)

PAST ISSUES (PASTISSUES.ASPX)

EDITORIAL BOARD (EDITORIALBOARD.ASPX) [Submit Article \(SubmitArticle.aspx\)](#) [FOR AUTHORS](#) MORE ▾

Phytochemical and Pharmacognostical Evaluation of Milky Mangrove Excoecaria agallocha Linn (AbstractView.aspx?PID=2019-12-3-55)

Author(s): M. K. Shelar (search.aspx?key=M. K. Shelar), M. J. Patil (search.aspx?key=M. J. Patil), S. S. Bhujbal (search.aspx?key=S. S. Bhujbal)

Email(s): marutishelar@rediffmail.com (mailto:marutishelar@rediffmail.com)

DOI: 10.5958/0974-360X.2019.00216.6 (https://doi.org/10.5958/0974-360X.2019.00216.6)

Address: M. K. Shelar^{1*}, M. J. Patil², S. S. Bhujbal¹

¹Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune-411018. (MS), India.

²Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune – 411033. (MS) India.

*Corresponding Author

Published In: Volume - 12, Issue - 3, Year - 2019 (Issues.aspx?VID=12&IID=3)

Keywords: Excoecaria agallocha Linn. () Pharmacognostic evaluation () Phytochemical evaluation () Thin Layer Chromatography. ()

Cite this article:

M. K. Shelar, M. J. Patil, S. S. Bhujbal. *Phytochemical and Pharmacognostical Evaluation of Milky Mangrove Excoecaria agallocha Linn. Research J. Pharm. and Tech.* 2019; 12(3):




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kaiewadi), Pune-411 033



Download

Future Journal of Pharmaceutical Sciences

Volume 4, Issue 2, December 2018, Pages 215-219

Evaluation of anticonvulsant activity of the ethanolic extracts from leaves of *Excoecaria agallocha*

M.K. Shelar ^a✉, M.J. Patil ^b, S.S. Bhujbal ^a, R.B. Chaudhari ^a

^a Department of Pharmacognosy, Dr. D. Y. Patil Institute of Pharmaceutical Sciences & Research, Pimpri, Pune 18, India

^b Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune 33, India

Received 31 October 2017, Accepted 13 June 2018, Available online 15 October 2018.

Check for updates

Show less ^

Outline | Share Cite

<https://doi.org/10.1016/j.fjps.2018.06.002>

Under a Creative Commons license.

Get rights and content

open access

Abstract

Ethnopharmacological relevance

Excoecaria agallocha is popularly known as 'Thillai' plant in the tamil language of the South India. Its uses are mentioned on the temple inscription of the Chidambaram Temple, Chidambaram, India which dates back to 2nd Century CE.

Aim

To investigate the anticonvulsant activity of ethanolic extract of leaves mangrove plant *Excoecaria agallocha*.



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411

FEEDBACK



SYNTHESIS AND EVALUATION OF SOME NOVEL BENZIMIDAZOLE AND QUINOLONE DERIVATIVES FOR THEIR ANTIFUNGAL AND ANTIDIABETIC ACTIVITY

Rekha Muluk^{1*}, Prajakta Kothawade¹, Gauri Kulkarni² and Pramode Ingale³

¹Department of Pharmaceutical Chemistry, RJSPM College of Pharmacy, Dudulgaon, Pune, Maharashtra, India-412105.

²Department of Pharmaceutics, RJSPM College of Pharmacy, Dudulgaon, Pune, Maharashtra, India-412105.

³Department of Pharmaceutical Chemistry, Marathwada Mitra Mandal's College of Pharmacy, Thergaon (Kalewadi), Pune, Maharashtra, India- 411033.

Article Received on
09 November 2017,

Revised on 30 Nov. 2017,
Accepted on 21 Dec. 2017

DOI: 10.20959/wjpps20181-10831

*Corresponding Author

Dr. Rekha Muluk

Department of

Pharmaceutical Chemistry,

RJSPM College of

Pharmacy, Dudulgaon,

Pune, Maharashtra, India-

412105.

ABSTRACT

A series of novel benzimidazole and Quinolone derivatives have been synthesized and evaluated for antifungal and antidiabetic activity. The newly synthesized compounds have been characterized by IR, ¹H-NMR and elemental analyses. All the compounds have been found to promising antifungal activity when compared with standard drug Griseofulvin. All the compounds were screened for *in-vitro* antidiabetic activity by α -glucosidase inhibitory action by different concentration like 150 μ g/ml, 200 μ g/ml by inhibition of α -glucosidase method. Acarbose was used as standard drug.

KEYWORDS: antifungal activity, antidiabetic activity, elemental analyses, Acarbose Griseofulvin, α -Glucosidase.

INTRODUCTION

Microbial infections have become more dreadful and dangerous so the search of new antibiotics and antibacterials is a continuous process in drug discovery. Fungal infections are termed mycoses which affect skin, nails, scalp, mucous membranes, deeper tissues and organs. The commonest systemic fungal infections are candidiasis, blastomycosis, histoplasmosis, coccidiomycosis and paracoccidiomycosis. Older people, diabetics, pregnant women and burn wound victims are all more prone to fungal infections.



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

[Download full-text PDF](#)[Read full-text](#)[Download citation](#)[Copy link](#)Article: [PDF Available](#)

Influence of Unani polyherbal formulation on learning and memory retention in mice

July 2018

DOI: [10.29090/psa.2018.03.174](https://doi.org/10.29090/psa.2018.03.174)

Authors:

**Digambar Ambikar**
University of Gondar**Eshetie Melese Birru**
University of Gondar**Manohar Patil**[Citations \(1\)](#)[References \(34\)](#)

Abstract

The drug discovery should not be always limited to discovery of a single molecule and current belief one disease one drug approach may be untenable in the future and that rationally designed polyherbal formulations could also be investigated as an alternative in multi-target therapies and prophylaxis. Considering this the influence of Unani Polyherbal Formulation (UPF) was investigated for its nootropic activity. To investigate nootropic activity of the UPF various experimental paradigms of learning and memory were used including transfer latency (TL) on elevated plus-maze, spatial memory evaluation using radial arm maze, passive avoidance response (PAS) and object recognition test. Mice were divided in four groups viz control i.e vehicle treated, UPF 200 mg/kg, UPF 400 mg/kg and piracetam 150 mg/kg as standard. The investigation reported that UPF 200 and 400 mg/kg significantly reduced the TL on 2nd and 9th day and significantly increased the step down latency in the PAS at acquisition and retention test. In radial arm maze task UPF 200 and 400 mg/kg showed significant decrease in the days to make the mice learned and latency to find food in reference as well as working memory. UPF also attenuated scopolamine induced memory deficit. Furthermore the UPF 200 and 400 mg/kg increased discrimination index in the object recognition test indicating nootropic activity. To conclude UPF showed significant facilitatory effect on aversively motivated learning and memory in mice, spatial learning and memory and improvement of memory in absence of cognitive deficit.

Discover the world's research

- 20+ million members
 - 135+ million publications
 - 200k+ research projects
- [Join for free](#)

[Public Full-text \(1\)](#)

Content uploaded by [Eshetie Melese Birru](#) Author content
Content may be subject to copyright.




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Original Article

Pharm Sci Asia 2
DOI: 10.290**Influence of Unani polyherbal formulation on learning and me**

Download full-text PDF

Read full-text

Download citation

Copy link

¹ Department of Pharmacology, College of Medicine and Health Sciences, Unive Gondar, Gondar, Ethiopia.

² Department of Pharmacognosy, Marathwada Mitra Mandals College of Pharmacy, Thergaon (Kalewadi), Pune, India.

ARTICLE INFO

Article history:

Received 8 October 2017

Received in revised form

20 January 2018

Accepted 29 January 2018

KEYWORDS:

Unani polyherbal formulation; Learning and memory; Memory impairment; Nootropic.

ABSTRACT

The drug discovery should not be always limited to that of a single molecule and current belief one disease one drug may be untenable in the future and that rationally designed polyherbal formulations could also be investigated as an alternative to target therapies and prophylaxis. Considering this the effect of Unani Polyherbal Formulation (UPF) was investigated on its nootropic activity. To investigate nootropic activity of UPF various experimental paradigms of learning and memory were used including transfer latency (TL) on elevated plus-maze, memory evaluation using radial arm maze, passive avoidance response (PAS) and object recognition test. Mice were divided into four groups viz control i.e. vehicle treated, UPF 200 mg/kg, 400 mg/kg and piracetam 150 mg/kg as standard. The investigation reported that UPF 200 and 400 mg/kg significantly reduced TL on 2nd and 9th day and significantly increased the step-down latency in the PAS at acquisition and retention test. In radial arm maze task UPF 200 and 400 mg/kg showed significant decrease in the days to make the mice learned and latency to finish in reference as well as working memory. UPF also attenuated scopolamine induced memory deficit. Furthermore the UPF 200 and 400 mg/kg increased discrimination index in the object recognition test indicating nootropic activity. To conclude UPF showed significant facilitatory effect on aversively motivated learning, memory in mice, spatial learning and memory and improvement of memory in absence of cognitive deficit.

1. INTRODUCTION

The nootropic drugs belong to the class of psychotropic agents with selective facilitatory effect on intellectual performance, learning and memory¹. Dementia is a mental disorder characterized by loss of intellectual ability sufficiently severe as to interfere with one's occupational or social activities. Dementia

is of several types and it invariably includes impairment of memory. The most common cause of dementia is Alzheimer's disease which is a progressive neurodegenerative disorder associated with loss of neurons in brain areas. The central cholinergic pathways play a prominent role in learning and memory processes². Centrally acting antimuscarinic

*Corresponding author: pharmancholy@gmail.com



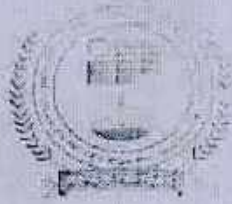
[Signature]
PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033

D.B. Ambekar et al.

3.5.1. Number of Collaborative activities

Faculty Exchange-Training, Conferences, FDP, Seminars
completed/attended by Faculty

Academic Year-2018-19



RAJIV GANDHI NATIONAL INSTITUTE
OF INTELLECTUAL PROPERTY
MANAGEMENT



MAHARASHTRA NATIONAL LAW
UNIVERSITY, NAGPUR



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

SUMMER SCHOOL

CERTIFICATE

We hereby certify that

Rahul Khiste

Successfully completed the

WIPO-INDIA SUMMER SCHOOL ON INTELLECTUAL PROPERTY

Organized by

the World Intellectual Property Organization (WIPO)

in cooperation with the

Rajiv Gandhi National Institute of Intellectual Property Management

(RGNIPM), Nagpur

and

Maharashtra National Law University (MNLU), Nagpur

Nagpur, India

July 2 to 13, 2018



PRINCIPAL

**Marathwada Mitra Mandal's
COLLEGE OF PHARMACY**

Thergaon (Kalewadi), Pune-411003

Pankaj P. Borkar
Head
RGNIPM

Vijender Kumar
Vice-Chancellor
MNLU, Nagpur

Sherif Saadallah
Executive Director
WIPO Academy

RGNIPM / T-3 / 2018 - 19 / 3002



ADITYA BIRLA
MEMORIAL HOSPITAL


ABMH PharmaCon - VI, 2018

Certificate Of Participation


This is to certify that Mrs. Aruna Rajul Narale has attended the

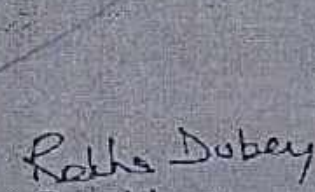
6th National Conference "ABMH PharmaCon - VI, 2018"

Pharmacy & Medication Management on December 15th & 16th, 2018.


Organising Secretary




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


Ratha Dobey
President



ADITYA BIRLA
MEMORIAL HOSPITAL

ABMH PharmaCon - VI, 2018

Certificate Of Participation

This is to certify that

Shruti M. Aher

has attended the

6th National Conference "ABMH PharmaCon - VI, 2018"

Pharmacy & Medication Management on December 15th & 16th, 2018.

Ashley

Organising Secretary



[Signature]

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Rishi Dubey
President



PHARMEET 2019

National Conference on

"Emerging Prospects in Pharmaceutical Industry"

This is to Certify that Mr./Ms. Babita Agarwal.

has attended conference as delegate during PHARMEET - 2019 organised by

MITCON Institute Of Management on 9th Feb 2019.

A handwritten signature in black ink, appearing to read 'Nitpal Singh'.

Prof. Nitpal Singh
Deputy Director -PHM



A handwritten signature in black ink, appearing to read 'Anand'.

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

A handwritten signature in black ink, appearing to read 'Ganesh Rao'.

Dr. Ganesh Rao
Director



CURE MEDICINES (INDIA) PVT. LTD.

Date: 14/07/2018

CERTIFICATE

This is to certify that Ms. Surekha J. Babar, Assistant Professor at Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-411 033, has successfully completed training in our Quality Assurance Department from 03/07/2018 to 14/07/2018.

We found her sincere, hardworking, technically sound and result oriented. We take this opportunity to thank her and wish her all the best for her future.

For Cure Medicines (I) Pvt. Ltd

Authorised Signatory



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। देवे ननुर्विरे हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Building Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 / 533

Date: 08/06/2018

To,
HR Manager,
Nulife Pharmaceuticals,
Plot No 63, F2 Block, MIDC, Bhosari Industrial Estate,
Pimpri, Pune, Maharashtra 411018
Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Poul Ravi Baburao	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



Yours faithfully,

Dr. Manohar J. Patil
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Student Exchange

Academic Year-2018-19

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY,
THERGAON, PUNE-411 033 (M.S)

**ENTREPRENEURSHIP
AWARENESS
CAMP
2018-2019**



**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon (Kalewadi) Pune-411033

CIRCULAR

Date: 27/02/2019

All faculty members are hereby informed that the three days "Entrepreneurship awareness Camp (EAC)" is arranged on 28th February to 2nd March 2019 at our institute for Final year B Pharm and M Pharm (Sem-III, IV) students. All faculty members of Final Year B. Pharm and M. Pharm are requested to attend the program as per their academic schedule. The detailed schedule of the program is as:

Sr. No.	Date & Time	Venue	Resource Person
1	28 th February - 2 nd March 2019; Thursday, Friday & Saturday 9.30 am to 5.00 pm	Seminar Hall	Experts from Maharashtra Centre for Entrepreneurship Development. (MCED, Pune)

[Signature]

Dean

Training, Placement, III, E.D. Cell

[Signature]

Dr. Manohar J. Patil

(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

- ART *[Signature]*
- PVK *[Signature]*
- BAA
- SKJ *[Signature]*
- KNY *[Signature]*
- SAK
- GSM *[Signature]*
- PNB *[Signature]*
- MSB *[Signature]*
- ASK *[Signature]*

- PJP *[Signature]*
- MPR *[Signature]*
- PHS *[Signature]*
- SDD *[Signature]*
- SSS *[Signature]*
- SG *[Signature]*
- SAS *[Signature]*
- RRN *[Signature]*
- ARN



[Signature]

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**

S. No. 4/17, Sector No. 34, PCNTDA
Thergaon (Kalewadi) Pune-411033

CIRCULAR

Date: 25/02/2019

All faculty members are hereby informed that the three days "Entrepreneurship awareness Camp (EAC)" is arranged on 28th February to 2nd March 2019 at our institute for Final year B Pharm and M Pharm (Sem-III, IV) students. The detailed schedule of the same is as:

Sr. No.	Date & Time	Venue	Resource Person
1	28 th February - 2 nd March 2019; Thursday, Friday & Saturday 9.30 am to 5.00 pm	Seminar Hall	Experts from Maharashtra Centre for Entrepreneurship Development. (MCED, Pune)

Phs
Dean

Training, Placement, III, E.D. Cell

Manohar J. Patil
Dr. Manohar J. Patil

(Principal)

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411033

ART *[Signature]*
 PVK *[Signature]*
 BAA *[Signature]*
 SKJ *[Signature]*
 KNY *[Signature]*
 SAK *[Signature]*
 GSM *[Signature]*
 PNB *[Signature]*
 MSB *[Signature]*
 ASK *[Signature]*

PJP *[Signature]*
 MPR *[Signature]*
 PHS *[Signature]*
 SDD *[Signature]*
 SSS *[Signature]*
 SG *[Signature]*
 SAS *[Signature]*
 RRN *[Signature]*
 ARN *[Signature]*



Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। चरे मरुताये हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

Thergaon, Pune-411033



MMCOP

Bestowing Health & Happiness

ENTREPRENEURSHIP AWARENESS CAMP (EAC)

Sponsored by National Science & Technology Entrepreneurship
Development Board (NSTEDB), Department of Science and Technology,
Govt. of India, New Delhi.

28th February to 02nd March 2019

In Coordination with Maharashtra Centre for Entrepreneurship
Development (MCED, Pune) &
Training, Placement, III & E.D.Cell, MMCOP, Pune

....building Pharmacy Professionals through Education par Excellence



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033


ANNEXURE-II**DST – NIMAT PROJECT-2018-19**

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra
Dated, 28/02/2019 to 02/03/2019

PROGRAMME SCHEDULE

Date and Day	Session	Subject / Topic	Faculty
1	2	3	4
28/02/2019 1 st Day	I	Inauguration- Camp Objective, Why Entrepreneurship (general concepts)	Mr. Suresh Umap, Dr. Avinash Tekade
	II	Historical background-Indian values vis-à-vis Entrepreneurship and the present	Mr. Pranjal Kale
	III	Identification of Business opportunities and Mechanisms of product selection	Mr. Hemant Bhagwat
	IV	Technology-assistance from R&D labs and other institutions on choice of technology etc	Mr. Pandit T. Gawade
29/02/2019 2 nd Day	I	How to start a SSI unit (General concept about the Govt. formalities, rules & regulation, location, and different aspect of an industry,	Mr. Ashok Pattar
	II	Technical & commercial aspects of SSI unit (General concept only)	Mr. Vilas Bhargude
	III	Financial aspects of SSI unit including salient features of a project report	Mr. Sanjay Patil
	IV	Schemes of assistance and Support available from Govt. agencies, banks, financial institutions, SFCs etc	Mr. Pandit T. Gawade
02/03/2019... 3 rd day	I	Creativity and business- the man behind the venture	Mr. Pranjal Kale
	II	Communication skills for better results in business	Dr. Rahul Khiste
	III	Industry Visit at Nulife Pharmaceuticals, Pune	Dr. Rahul Khiste, Mr. Ganesh Mhaske Mr. Amar Shelke,
	IV	Industry Visit at Nulife Pharmaceuticals, Pune	Dr. Rahul Khiste, Mr. Ganesh Mhaske Mr. Amar Shelke,


* = Each session is one hour fifteen minutes


Programme Coordinator
Dr. Rahul H. Khiste,
Dean, Training, Placement, III & E.D. Cell




Head of Institution
Dr. Manohar J. Patil
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033





PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

DST – NIMAT PROJECT-2018-19

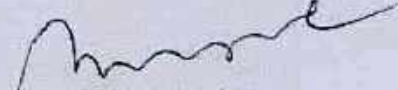
Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's, College of Pharmacy, Thergaon, Pune-411033, Maharashtra, Dated 28/02/2019 to 02/03/2019

LIST OF FACULTY / RESOURCE PERSON

Sr. No.	Name and Address	Designation	Organisation
1	2	3	4
1	Mr. Suresh Umap, Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra 411005	Regional Director	Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra 411005
2	Mr. Pranjal Kale, Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra - 411005	Program Coordinator	Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra 411005
3	Mr. Hemant Bhagwat, Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra 411005.	Training Faculty	Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra 411005
4	Mr. Sanjay Patil, Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra - 411005	Faculty	Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra 411005
5	Mr. Pandit T. Gawade, Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra -411005	Faculty	Maharashtra Centre For Entrepreneurship Development (MCED), Pune University Rd, Narveer Tanaji Wadi, Shivajinagar, Pune, Maharashtra 411005
6	Mr. Ashok Pattar, Symbiosis International University, Pune	Faculty	Computer Studies - Symbiosis International University, Pune
7	Mr. Vilas Bhargude, Vipra Pharmaceuticals Pvt. Ltd. Village Bebadohal, Gat. No. 439, Taluka-Maval, Dist. Pune-410506	Director	Vipra Pharmaceuticals Pvt. Ltd. Village Bebadohal, Gat. No. 439, Taluka-Maval, Dist. Pune-410506
8	Dr. Rahul H. Khiste, Marathwada Mitra Mandals College of Pharmacy S. No. 4/17, Sector No. 34, PCNTDA Thergaon (Kalewadi) Pune- 411033	Dean, Training, Placement, III, & EDC	Marathwada Mitra Mandals College of Pharmacy S. No. 4/17, Sector No. 34, PCNTDA Thergaon (Kalewadi) Pune- 411033


Programme Coordinator
 Dr. Rahul H. Khiste,
 Dean, Training, Placement, III & E.D. Cell




Head of Institution
 Dr. Manohar J. Patil
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411033

PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033

ANNEXURE-I

DST – NIMAT PROJECT-2018-19

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's
College of Pharmacy, Thergaon, Pune-411033, Maharashtra
Dated, 28/02/2019 to 02/03/2019



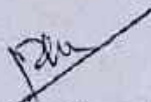
LIST OF PARTICIPANTS

Sr. No.	Name of Participant	Age	Male / Female	Education	Category: Gen / SC / ST / OBC / Minority
1	2	3	4	5	6
1	Anarase Sushma Kisan	21	Female	B. Pharm	OBC
2	Bhapkar Monika Dattatray	21	Female	B. Pharm	Open
3	Bhosale Neha Dilip	21	Female	B. Pharm	Open
4	Bhosale Nikita Sanjay	20	Female	B. Pharm	Open
5	Bhure Priyanka Rajendra	21	Female	B. Pharm	NTC
6	Biradar Avinash Chandrakant	21	Male	B. Pharm	Open
7	Bonude Rajshri Ramchandra	21	Female	B. Pharm	SC
8	Chavan Akshay Dayaram	21	Male	B. Pharm	DTVJ
9	Chole Dipti Ashok	20	Female	B. Pharm	NTD
10	Doke Nikita Kalyan	20	Female	B. Pharm	Open
11	Doke Pratiksha Parmeshwar	21	Female	B. Pharm	Open
12	Dongare Surabhi Subhash	21	Female	B. Pharm	OBC
13	Gaikwad Swapnali Dattatray	21	Female	B. Pharm	Open
14	Gargote Pragati Ganpat	20	Female	B. Pharm	Open
15	Giri Mohan Bhagwan	20	Male	B. Pharm	NTB
16	Giri Ravi Digambar	21	Male	B. Pharm	NTB
17	Gochade Dhanashri Devrao	21	Female	B. Pharm	NTC
18	Gore Diksha Tatyaram	21	Female	B. Pharm	Open
19	Hedaoo Akanksha Yogesh	21	Female	B. Pharm	SBC
20	Ighe Nikita Navnath	20	Female	B. Pharm	NTB
21	Ingole Payal Vikas	20	Female	B. Pharm	Open
22	Jagtap Mayur Madhukar	20	Male	B. Pharm	Open
23	Kadam Sonali Subhash	21	Female	B. Pharm	Open
24	Kalyankar Pandurang Gangadhar	21	Male	B. Pharm	Open
25	Kharate Shailesh Dalta	21	Male	B. Pharm	SBC
26	Khopade Maya Sakharam	21	Female	B. Pharm	Open
27	Lawande Sneha Rajendra	21	Female	B. Pharm	Open
28	Madrewar Dhiraj Radheshyam	20	Male	B. Pharm	Open
29	Mandale Vijaya Ramdas	20	Female	B. Pharm	Open
30	Mane Nagnath Marotrao	21	Male	B. Pharm	NTC
31	Mittha Pradeep Sadanand	21	Male	B. Pharm	OBC
32	Mokashe Gorakhnath Bhagwan	20	Male	B. Pharm	NTB
33	Mule Kiran Baburao	21	Female	B. Pharm	Open
34	Musale Shubham Rajendra	21	Male	B. Pharm	OBC
35	Nahire Neha Ravindra	21	Female	B. Pharm	OBC
36	Patil Sandhya Ranjitsing	21	Female	B. Pharm	Open
37	Patwari Ajay Chandrakant	21	Male	B. Pharm	Open
38	Pawar Mayuri Deelip	20	Female	B. Pharm	SC
39	Pisal Charushika Sopan	20	Female	B. Pharm	Open
40	Pote Aniket Balasaheb	20	Male	B. Pharm	SC
41	Poul Ravi Baburao	20	Male	B. Pharm	Open
42	Rathod Mayuri Parashuram	21	Female	B. Pharm	DTVJ
43	Salunke Rupesh Ramrao	21	Male	B. Pharm	Open
44	Sathe Sayali Rajendra	21	Female	B. Pharm	Open
45	Shedge Madhavi Mangesh	21	Female	B. Pharm	Open
46	Shinde Asawari Shivaji	20	Female	B. Pharm	Open
47	Shinde Uday Kisan	21	Male	B. Pharm	Open
48	Shinde Varsha Manohar	21	Female	B. Pharm	Open
49	Sontate Pragati Shamrao	21	Female	B. Pharm	SC
50	Sutar Rajeshri Devanand	21	Female	B. Pharm	OBC

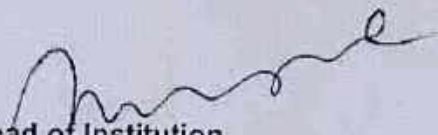


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

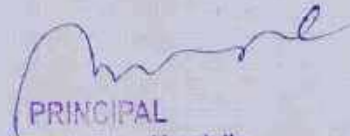
Sr. No.	Name of Participant	Age	Male / Female	Education	Category: Gen / SC / ST / OBC / Minority
1	2	3	4	5	6
51	Tambe Pratima Sudhir	20	Female	B. Pharm	Open
52	Tamboli Asim Maula	21	Male	B. Pharm	OBC
53	Thosar Ashwini Vinod	21	Female	B. Pharm	OBC
54	Wagh Sukanya Dipak	21	Female	B. Pharm	Open
55	Yele Tai Pandurang	20	Female	B. Pharm	NTC
56	Bodke Prameshwar Panditrao	24	Male	M. Pharm	Open
57	Holkar Shekhar Sanjay	23	Male	M. Pharm	Open
58	Jawanjal Pranay Ashokrao	24	Male	M. Pharm	OBC
59	Khemnar Rameshwar Raosaheb	22	Male	M. Pharm	NT-2C
60	Saruk Pranjali Tejaraj	22	Female	M. Pharm	Open
61	Tupekar Komal Bhagwan	24	Female	M. Pharm	OBC
62	Yadav Jyoti Narayan	22	Female	M. Pharm	Open
63	Ambekar Aishwarya Sandeep	23	Female	M. Pharm	OBC
64	Patil Nikhil Vikas	23	Male	M. Pharm	Open
65	Shinde Sanket Pandurang	25	Male	M. Pharm	OBC
66	Waghmare Pooja Jitendra	23	Female	M. Pharm	SC
67	Mehetre Komal Chandrakant	25	Female	M. Pharm	OBC
68	Andhale Rutuja Sarjerao	21	Female	M. Pharm	NT-3D
69	Dixit Abhishek Sunil	22	Male	M. Pharm	Open
70	Janjire Vaibhav Murtidhar	21	Male	M. Pharm	Open
71	Jawale Gayatri Kailas	21	Female	M. Pharm	Open
72	Karnawat Gayatri Rajendrakumar	21	Female	M. Pharm	Open
73	Nagpurkar Shweta Vilas	21	Female	M. Pharm	SBC
74	Nimnawad Mahesh Madhav	22	Female	M. Pharm	NT-1B
75	Surve Aniketh Bhagwan	22	Male	M. Pharm	Open
76	Pawar Shubham Satish	21	Male	M. Pharm	Open
77	Bhapkar Nilkanth Dattatarya	21	Male	M. Pharm	Open
78	Nikam Aniket Sanjay	21	Male	M. Pharm	Open
79	Rayate Rushikesh Shivaji	21	Male	M. Pharm	OBC
80	Maske Shivraj Vitthal	21	Male	M. Pharm	Open
81	Bokhare Suraj Ramesh	21	Male	M. Pharm	Open
82	Somvanshi Aniket Balkrishna	21	Male	M. Pharm	OBC


Programme Coordinator
 Dr. Rahul H. Khiste,
 Dean, Training, Placement, III & E.D. Cell




Head of Institution
 Dr. Manohar P. Patil
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033

DST – NIMAT PROJECT-2018-19

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra

PROFORMA FOR POST PROGRAMME REPORT (PPR) OF EAC

1. **Name & Address of Programme Implementing Agency** (with Tel/ Fax /E-mail) : Marathwada Mitra Mandal's, College Of Pharmacy, S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata, Pimpri Road, Kalewadi (Thergaon), Pune – 411 033, Maharashtra. Tel- 8446060841 E. Mail-mmcpopharm@yahoo.co.in
2. **Programme Location** : Seminar Hall of Marathwada Mitra Mandal's, College of Pharmacy, Pune.
3. **Programme Date** : From 28/02/2019 to 02/03/2019
4. **Name of the Coordinator** : Dr. Rahul H. Khiste
5. **No. of candidate attended the programme** : 82 (Male-34 Female-48)
6. **List of participants** : ANNEXURE – I
7. **Program schedule** : ANNEXURE – II
8. **List of resource persons** : ANNEXURE – III
9. **List of industries visited** : ANNEXURE – IV
10. **Participant's feedback** : ANNEXURE – V
11. **Photographs of Programme** : Attach one group photo, one classroom photo and one industry/institute visit photo

Programme Coordinator
Dr. Rahul H. Khiste,
Dean, Training, Placement, III & E.D. Cell



Head of Institution
Dr. Manoj Patil
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

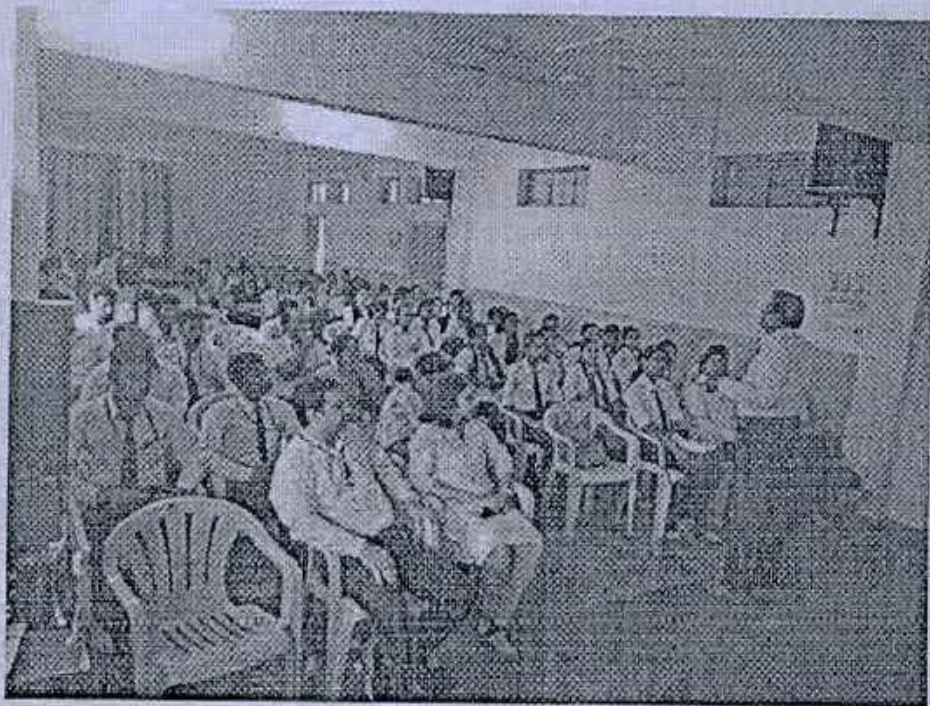



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

DST - NIMAT PROJECT-2018-19

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra,
Dated 28/02/2019 to 02/03/2019

Photographs of Programme




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



DST – NIMAT PROJECT-2018-19

Entrepreneurship Awareness Camp conducted at Marathwada Mitra Mandal's,
College of Pharmacy, Thergaon, Pune-411033, Maharashtra,
Dated 28/02/2019 to 02/03/2019

Photographs of Programme



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Student Internship

Academic Year-2018-19

**Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033**


List Students Completed Industry Training In Academic Year-2018-19

Sr. No.	Name of the collaborating agency with contact details	Name of the participant	Duration of the activity	
			From	To
1	Mancare Pharma. Pvt. Ltd. Vasai, Mumbai, Contact 95250-2332806	Ms. Prajapati Jigna.	01/06/2018	30/06/2018
2	Hindustan Antibiotics Ltd. Pune Contact:- 020 27425411 Contact- mdhapune@vsnl.com	Ms. Kanetkar Swarali S.	29/05/2018	28/06/2018
3	Chakan Life Sciencs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Warude Aditi D.	01/06/2018	30/06/2018
4	Chakan Life Sciencs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Ms. Khandekar Pooja R.	01/06/2018	30/06/2018
5	Chakan Life Sciencs Pvt. Ltd. Pune, Contact- 8600101080 kshirsagar.shrikant5@gmail.com	Mr. Pangare Abhishekh P.	01/06/2018	30/06/2018
6	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Jorvekar Ankita R.	01/06/2018	30/06/2018
7	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Pawar Mayuri D.	01/06/2018	30/06/2018
8	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Mr. Shinde Uday K.	01/06/2018	30/06/2018
9	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Mr. Poul Ravi B.	01/06/2018	30/06/2018
10	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Mr. Patwari Ajay C.	01/06/2018	30/06/2018
11	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Kadbane Ankita A.	01/06/2018	30/06/2018
12	EISEN Pharmaceutical Pvt. Ltd. Contact:- info@eisenpharma.com Tel:- 02025431174	Mr. Biradar Avinash	05/06/2018	05/07/2018
13	Ayush Ayurveda LLP. Contact- 9272857797 ayushayurveda@hotmail.com	Ms. Patil Sandya R.	04/06/2018	13/06/2018



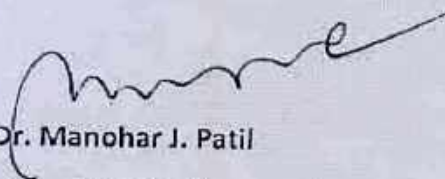
[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

14	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Bhosale Nikita S.	06/06/2018	06/07/2018
15	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Gavali Shivani P.	06/06/2018	06/07/2018
16	Piramal Enterprises Ltd. Mahad Contact:- 02145-251080/84 Corporate.communication@piramal.com	Ms. Shedje Madhavi M.	07/06/2018	23/06/2018
17	Piramal Enterprises Ltd. Mahad Contact:- 02145-251080/84 Corporate.communication@piramal.com	Ms. Thosar Ashvini V.	07/06/2018	23/06/2018
18	Animal Husbandry Department . Institute of Veterinary Biologicals Pdts. Aundh Pune-Contact:- 020 25697962 ivbp_pune@gmail.com	Ms. Ingole Payal V.	11/06/2018	15/06/2018
19	Animal Husbandry Department . Institute of Veterinary Biologicals Pdts. Aundh Pune-Contact:- 020 25697962 ivbp_pune@gmail.com	Ms. Pangare Rutuja K.	11/06/2018	15/06/2018
20	Animal Husbandry Department . Institute of Veterinary Biologicals Pdts. Aundh Pune-Contact:- 020 25697962 ivbp_pune@gmail.com	Ms. Hedao Aakansha Y.	11/06/2018	15/06/2018
21	Serum Institute of India Pvt. Ltd. Pune Contact:- hr@seruminstitute.com Tel:- 020-26993900	Ms. Ighe Nikita N.	25/06/2018	30/06/2018
22	Serum Institute of India Pvt. Ltd., Pune Contact:- hr@seruminstitute.com Tel:- 020-26993900	Ms. Lawande Sneha R.	25/06/2018	30/06/2018
23	Serum Institute of India Pvt. Ltd. Pune Contact:- hr@seruminstitute.com Tel:- 020-26993900	Ms. Pisal Charushila S.	25/06/2018	30/06/2018
24	Serum Institute of India Pvt. Ltd. Pune Contact:- hr@seruminstitute.com Tel:- 020-26993900	Mr. Chaudhari Siddhesh S.	04/06/2018	09/06/2018
25	IPCA Lab. Ltd. Tarapur, Mumbai 022-62105000	Mr. Musale Shubham R.	01/06/2018	30/06/2018


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

(Principal)

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganuge
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 /505

Date: 26/05/2018

To,
HR Manager,
Mancare Pharmaceuticals Pvt. Ltd.
Plot no. 60, Dhowali village,
Vasai Industrial Estate, Vasai West, Vasai, Maharashtra, 401202

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

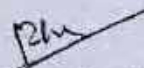
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

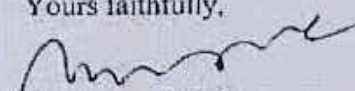
Sr. No.	Name of the Student	Class
1	Ms. Nida A. Shaikh	Second Year B. Pharm
2	Ms. Jigna B. Prajapati	Second Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841. E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MANCARE

PHARMACEUTICALS PVT. LTD.

CIN NO.: U24239MH1996PTC101774

TO WHOM SO EVER IT MAY CONCERN

This is to certify that *Miss. JIGNA PRAJAPATI* has completed her implant training in our pharmaceutical industry from 01/06/18 TO 30/06/18

During this period she has undergone training of different areas of industry like Raw & Packing Material, Tablets manufacturing, Capsule Manufacturing, Quality control, Quality assurance & Packing Department, Export & Excise Dept.

We wish her all the best for her future endeavors.

MANCARE PHARMACEUTICALS PVT. LTD.

P. Prabhakar
Q.A. MANAGER



M. N. N. N.
PRINCIPAL
Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Jalgaon), Pin-431 834

Plot No. 59, 60.85.86Dhowali Village, Vasai Municipal Industrials estate, Vasai (West). Dist. Palghar.
Tel.: Off.: 95250 - 3291596 Fact.: 95250 - 2332806 / 2324819



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018/467

Date: 05/05/2018

To,
HR Manager,
Hindustan Antibiotics Limited
Sr.no 198, Pimpri Colony, Pimpri-Chinchwad,
Pune, Maharashtra 411018

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Shubhada M. Kasbe	Second Year B. Pharm
2	Ms. Swarali S. Kanetkar	Second Year B. Pharm

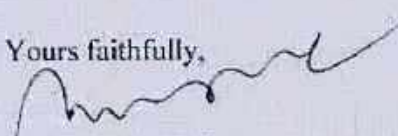
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

No. 2018/05/1889



HINDUSTAN ANTIBIOTICS LIMITED

(A GOVT. OF INDIA ENTERPRISE)

PIMPRI, PUNE - 411 018.

C E R T I F I C A T E

This is to certify that **Ms. Swarali S. Kanetkar**, student of Marathwada Mitra Mandal's College of Pharmacy, Theregaon, Pune has completed one month In-Plant training from 29.05.2018 to 28.06.2018 at our Organization.

(MR. B. R. RAO)
SR.PERSONNEL OFFICER (TRAINING)

महेशराव/ B. R. RAO
दक्षिण व्यक्ति अधिकारी
Senior Personnel Officer
हिन्दुस्तान एंटीबायोटिक्स लिमिटेड
पिंपरी PIMPRI, पुणे PUNE-411 018

Date : 29.06.2018

TRUE COPY

PRINCIPAL

PIMPRI CHENNAI POLYTECHNIC



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Priin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B.Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018/450

Date: 23/04/2018

To,
HR Manager,
Eisen Pharmaceuticals,
4/7 Erandwana, Near Deenanath Mangeshkar Hospital,
Opposite IDBI Bank, Pune, Maharashtra 411004

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

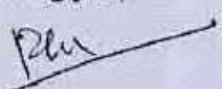
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Avinash C. Biradar	Third Year B. Pharm

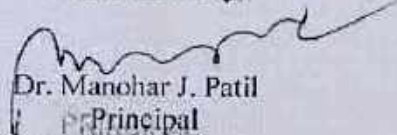
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully,


Dr. Manohar J. Patil
Principal

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033.

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Punjari Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

EISEN PHARMACEUTICAL CO. (PVT.) LTD.

REGD. OFFICE : 34/7, ERANDWANA, PUNE - 411 004, INDIA

PHONE : (020) - 25431174 / 25442268. FAX: (020) 25430024. MOBILE : 8888842805.

E-mail : info@eisenpharma.com • Website : www.eisenpharma.com

CIN : U24232PN1951PTC008610 • GST No. : 27AAACE4108N1ZM



EPC / 150 /2018-19

Date:05/07/2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that MR. AVINASH BIRADAR has undergone In-plant Training in QC, Liquid, Tablet & Capsule department in our Organization from 05.06.2018 to 05.07.2018 during this period he was regular in his ATTENDANCE & TRAINING.

This certificate is issued to him on his own request for producing the same to MARATHWADA MITRA MANDAL COLLEGE OF PHARMACY.

For EISEN PHARMACEUTICAL CO. (PVT.) LTD.,

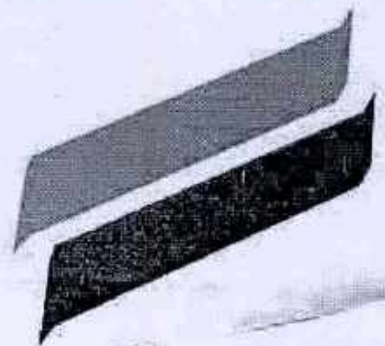
A handwritten signature in black ink, appearing to read "Sul", is written over a horizontal line.

HR DEPARTMENT



A handwritten signature in black ink, appearing to read "Anand", is written above the word "PRINCIPAL".

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033





। केषु मनुजाने हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. – Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 /

Date: 30/05/2018

To,
HR Manager,
Ayush Ayurvedic Pharmaceuticals Ltd.
Malavali, Maval, Pune,
Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B. Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Sandhya Ranjitsing Patil	Third Year B. Pharm
2	Ms. Akanksha Yogesh Hedao	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours faithfully,



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Dr. Manohar J. Patil
Principal

----- *building Pharmacy Professionals through Education par Excellence* -----



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 / 452

Date: 23/04/2018

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

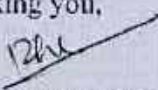
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Nikita S. Bhosale	Third Year B. Pharm

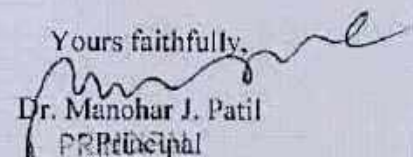
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। दशे ननुतुते विव ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,

Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Beaching Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 / 514

Date: 30/05/2018

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Shivani P. Gavali	Second Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours faithfully,

Shri. Ganage
Prin.



Dr. Manohar J. Patil
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। येने मनुलये हित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. – Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 /

Date: 30/05/2018

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B. Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

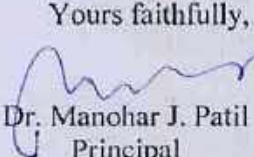
Sr. No.	Name of the Student	Class
1	Ms. Sandhya Ranjitsing Patil	Third Year B. Pharm
2	Ms. Akanksha Yogesh Hedao	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Yours faithfully,

Dr. Manohar J. Patil
Principal

----- *building Pharmacy Professionals through Education par Excellence* -----

Date: 06/07/2018

IN – PLANT TRAINING CERTIFICATE

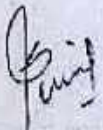
This is to certify that **Shivani Pappu Gavali** who is enrolled in the course **B. Pharmacy** has completed her Industrial Training successfully at;

Emcure Pharmaceutical Ltd, Plot No P2, ITBT Park, Phase 2, Hinjawadi, Pune-411057.

The training has been in the Oral Solid Dosage plant for a period of one month, dated 6th June 2018 to 6th July 2018.

The student has shown exemplary behavior and demonstrated proactive attitude.

For Emcure Pharmaceutical Ltd,



Deepak Patil

Assistant Manager HR



PRINCIPAL
Marathwada Mitra Mandar's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjawadi, Pune - 411 057 (India)
Phone Nos. : +91 20 - 39821300, Fax No. : +91 20 - 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411026.
Phone Nos. : 91 - 20 - 30610000, 27120084, Fax No.: 91- 20 - 30610111
E-mail : corporate@emcure.co.in, www.emcure.co.in
CIN : U24231PN1981PLC024251



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Ref: MM / COP/ T&P/Training Letter / 2018 / 510

Date: 29/05/2018

To,
HR Manager,
Piramal Enterprises Ltd.
K-1, Additional M.I.D.C., District Raigad,
Mahad, Maharashtra, 402302

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

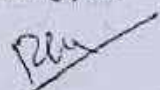
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Madhavi M. Shedge	Third Year B. Pharm
2	Ms. Ashwini V. Thosar	Third Year B. Pharm
3	Ms. Sayali R. Sathe	Third Year B. Pharm

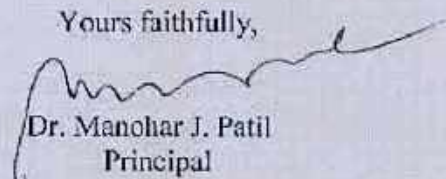
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully,


Dr. Manohar J. Patil
Principal

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@ymail.com Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Date: 23.06.2018

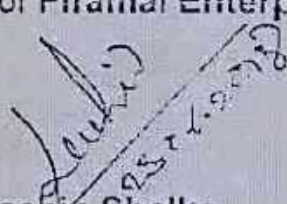
To Whom It May Concern

This is to Certify that Ms. Madhavi M. Shedge student from Marathwada Mitra Mandal College Of Pharmacy, Thergaon-Pune has undergone Industrial Training in our Company from 7th June 2018 To 23rd June 2018.


During her training we found her sincere, attentive, and hard working. She has shown keen interest in learning various activities of the organization to which she was exposed.

We wish her all the success in her future career.

For Piramal Enterprises Limited


Sachin Shelke
Manager-HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Date: 23.06.2018

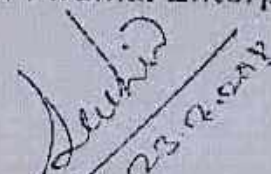
To Whom It May Concern

This is to Certify that Ms. Ashwini V. Thosar student from Marathwada Mitra Mandal College Of Pharmacy, Thergaon-Pune has undergone Industrial Training in our Company from 7th June 2018 To 23rd June 2018

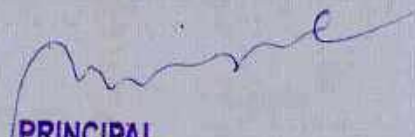
During her training we found her sincere, attentive, and hard working. She has shown keen interest in learning various activities of the organization to which she was exposed.

We wish her all the success in her future career.

For Piramal Enterprises Limited


Sachin Shelke
Manager-HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। श्रेष्ठे सुखे ली ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Becoming Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. / COP / T&P / Training Letter / 2018/528

Ref: MM / COP/ T&P/Training Letter / 2018/528

Date: 07/06/2018

To,
The Joint Commissioner
Animal Husbandry, Institute of Veterinary Biological Products, (IVBP)
Ganesh Khind Road, Aundh, Pune 411 007

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Ingole Payal Vikas	Third Year B. Pharm


After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



Yours faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mncopharm@vsfoe.co.in Website : www.mncop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Government of Maharashtra
Animal Husbandry Department
Institute of Veterinary Biological Products, Aundh, Pune-7

Email: ivbp@maharashtra.gov.in

Fax- 020/25695632


Phone.No 020 25697962

Date: 05/07/2018


Outward No. IVBP_Q.A./Training/1972/2018

TO WHOM IT MAY CONCERN

This is to certify that Ms. Ingole Payal Vikas (Third Year B. Pharm) student of Marathwada Mitra Mandal College of Pharmacy, Thergoan, Pune-33 has completed five days training programme on Veterinary Biological Products as per GMP Norms from 11-6-2018 to 15-6-2018 at our Institute as per your let. No. MM/COPT&E/Training/2018/528 Date 07/06/2018.


Joint Commissioner of Animal Husbandry
Institute of Veterinary Biological Products,
Aundh, Pune-7




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergoan (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Rethinking Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T&P / Training Letter / 2018 / 524

Date: 04/06/2018

To,
The Joint Commissioner
Animal Husbandry, Institute of Veterinary Biological Products, (IVBP)
Ganesh Khind Road, Aundh, Pune-411 007

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Dcecan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Pangare Rutuja Kishor	Third Year B. Pharm

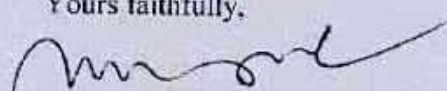
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



Yours faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail: mmcopharm@yahoo.co.in Website: www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Government of Maharashtra
 Animal Husbandry Department
 Institute of Veterinary Biological Products, Aundh, Pune-7

Email: ivbp.pune@gmail.com

Fax- 020/25695632
 Phone No 020-25697962

Date: 04/06/2018

Outward No. IVBP/Q.A./Training/1972/2018

TO WHOM IT MAY CONCERN.

This is to certify that Ms. Pangare Rutuja Kishor (Third Year B. Pharm) student of Marathwada Mitra Mandal College of Pharmacy, Thergaon, Pune -33 has completed five days training programme on Veterinary Biological Products as per GMP Norms from 11-6-2018 to 15-6-2018 at our Institute as per your let. No. MM/COD/T&P/Training Letter/2018/524 Date 04/06/2018.

Joint Commissioner of Animal Husbandry
 Institute of Veterinary Biological Products,
 Aundh, Pune-7



PRINCIPAL

Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Building Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018/

Date: 11/06/2018

To,
The Joint Commissioner
Animal Husbandry, Institute of Veterinary Biological Products, (IVBP)
Ganesh Khind Road, Aundh, Pune 411 007

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Hedao Akanksha Yogesh	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

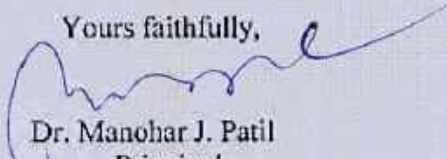
Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Yours faithfully,


Dr. Manohar J. Patil
Principal

----- building Pharmacy Professionals through Education par Excellence

PRINCIPAL
Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Kalewad), Pune-411 038



Joint Commissioner of Animal Husbandry
Institute of Veterinary Biological Products,
Aundh, Pune-7

This is to certify that Mr. Hedaoo Akanksha Yogesh (Third Year B. Pharm)
student of Marathwada Mitra Mandals College of Pharmacy, Thergaon, Pune-33
has completed five days training programme on Veterinary Biological Products
as per VAIIP Form No. 11-6-2018 to 15-6-2018 at our Institute at Pune with ID
No. MVA/GOP/XP/Training Log/2018/522 Date 04/06/2018.

TO WHOM IT MAY CONCERN

The word NO. VAIIP/19/2018 dated 19/7/2018
Fax: 020/25693532
Phone No. 020-25693562
Page 01 of 01/2018

Government of Maharashtra
Animal Husbandry Department
Institute of Veterinary Biological Products, Aundh, Pune-7





। वेणे वृत्तांते शि।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Promoting Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. (4yr/5yr) Students Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 / 437

Date: 25/05/2018

To,
HR Manager,
Serum Institute of India Pvt. Ltd.
212/2, Hadapsar, Off Soli Poonawalla Road,
Pune 411028

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm, and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Nikita N. Ighe	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 028

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033.



SERUM INSTITUTE OF INDIA PVT. LTD.

(FORMERLY KNOWN AS SERUM INSTITUTE OF INDIA LTD.)

Cyrus Poonawalla Group

REGD. OFFICE AND LABORATORIES : 212/2, HADAPSAR, PUNE - 411028, INDIA. • www.seruminstitute.com
Tel.: +91-20-2699 3900 / 04 • Fax: +91-20-2699 3921 • CIN - U80903PN1984PTC032945

30.06.2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Nikita N Ighe** has undergone training in our institute from 25.06.2018 to 30.06.2018

During this period, she has been explained the techniques in our Bacterial Vaccines Production and Quality Control Department.

For Serum Institute of India Pvt. Ltd.,

Ashok Kuvalekar

Ashok Kuvalekar
Manager – Pers. & Admn.



[Signature]
PRINCIPAL
Marathwada Mitro Mandal's
COLLEGE OF PHARMACY
Thergason (Kalewadli) Pune-411 033



। देवे महतांचे दिन ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,

Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Bestowing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B.Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 /498

Date: 25/05/2018

To,
HR Manager,
Serum Institute of India Pvt. Ltd.
212/2, Hadapsar, Off Soli Poonawalla Road,
Pune 411028

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

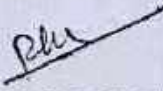
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Sneha R. Lawande	Third Year B. Pharm

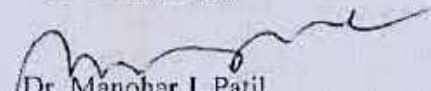
After completion of training by the student you are requested to issue them training certificate.

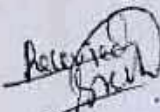
Thanking you,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Final

SERUM INSTITUTE OF INDIA PVT. LTD.

(FORMERLY KNOWN AS SERUM INSTITUTE OF INDIA LTD.)

Chitambar Bannawalla Group

REGD. OFFICE AND LABORATORIES : 212/2, HADAPSAR, PUNE - 411028, INDIA. ■ www.seruminstitute.com
Tel.: +91-20-2899 3900 / 04 ■ Fax: +91-20-2699 3921 ■ CIN - U80903PN1984PTC032945

30.06.2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Sneha R Lawande** has undergone training in our institute from 25.06.2018 to 30.06.2018

During this period, she has been explained the techniques in our Bacterial Vaccines Production and Quality Control Department.

For Serum Institute of India Pvt. Ltd.,

Ashok Kuvalekar

Ashok Kuvalekar
Manager - Pers. & Admn.



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOF
Developing Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B.Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T&P/Training Letter / 2018 / 437

Date: 25/05/2018

To,
HR Manager,
Serum Institute of India Pvt. Ltd.
212/2, Hadapsar, Off Soli Poonawalla Road,
Pune 411028

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Charushila S. Pisal	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



SERUM INSTITUTE OF INDIA PVT. LTD.

(FORMERLY KNOWN AS SERUM INSTITUTE OF INDIA LTD.)

Cyrus Poonawalla Group

REGD. OFFICE AND LABORATORIES : 212/2, HADAPSAR, PUNE - 411028, INDIA. ■ www.seruminstitute.com
Tel.: +91-20-2699 3900 / 04 ■ Fax: +91-20-2699 3921 ■ CIN - U60903PN1984PTC032945

30.06.2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Charushila S Pisal** has undergone training in our institute from 25.06.2018 to 30.06.2018

During this period, she has been explained the techniques in our Bacterial Vaccines Production and Quality Control Department.

For Serum Institute of India Pvt. Ltd.,

Ashok Kuvalekar

Ashok Kuvalekar
Manager - Pers. & Admn.



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। मंत्रं गुणं विना ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,

Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)

Permanently Affiliated to Savitribai Phule Pune University, Pune

Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Sustaining Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Approved by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018 /470

Date: 08/05/2018

To,
HR Manager,
Serum Institute of India Pvt. Ltd.
212/2, Hadapsar, Off Soli Poonawalla Road,
Pune 411028

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Siddhesh S. Chaudhari	Second Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours faithfully,

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell

Dr. Manohar J. Patil
Principal

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 01

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Puneri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Received
S. Chaudhari



SERUM INSTITUTE OF INDIA PVT. LTD.

(FORMERLY KNOWN AS SERUM INSTITUTE OF INDIA LTD.)

Cyrus Poonawalla Group

REGD. OFFICE AND LABORATORIES : 212/2, HADAPSAR, PUNE - 411028, INDIA. ■ www.seruminstitute.com
Tel.: +91-20-2699 3900 / 04 ■ Fax: +91-20-2699 3921 ■ CIN - U80903PN1984PTC032945

09.06.2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Siddhesh S Chaudhari** has undergone training in our institute from 04.06.2018 to 09.06.2018

During this period, he has been explained the techniques in our Bacterial Vaccines Production and Quality Control Department.

For Serum Institute of India Pvt. Ltd.,

Ashok Kuvalekar

Manager - Pers. & Admn.



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2018/

Date: 01/06/2018

To,
HR Manager,
IPCA Lab Ltd,
Tarapur, Mumbai.

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Shubham R. Musale	Final Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training Placement, Thergaon, Pune



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Yours faithfully,

Dr. Manohar J. Patil
Principal

----- building Pharmacy Professionals through Education par Excellence

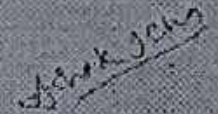
Estd. 19th June 2018

CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that SHRI SHUBHAM RAJENDRA MUSALE B.PHARM(Third Year),
a Student of MARATHWADA MITRA MANDAL COLLEGE OF
PHARMACY, THERGAON KALEWADI PUNE -33 has undergone INDUSTRIAL
TRAINING in PRODUCTION (TABLET) & QUALITY ASSURANCE DEPARTMENT
for Period of One Month i.e From 1st June 2018 To 30th June 2018.

During the Training period, we found him sincere, honest & enthusiastic.



(ASHOK JENA)

GENERAL MANAGER OPERATION
IFCA LABORATORIES LIMITED FARAPUR



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Field Trip

Academic Year-2018-19

**Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033**

**DETAILS OF INDUSTRY/INSTITUTE VISITS FOR ACADEMIC YEAR
2018-19**

Sr. No.	Industrial Visit	No of Students Participated
1	Nulife Pharmaceuticals Pune-02 nd March-2019	85
2	National AIDS Research Institute, Bhosari, Pune 03 rd December 2018	84
3	Aditya Birla Memorial Hospital, Chinchwad, Pune on 22 nd October 2018	60
4	Callidus Research Lab. Pvt. Ltd. On 01/04/2019	24

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon, Pune-411033

Date: 26/11/2018

NOTICE

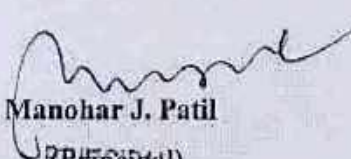
All the students of B. Pharm and M. Pharm are hereby informed that industry visit is organized at National AIDS Research Institute, Bhosari, Pune on 03rd December, 2018 by our institute. The detailed schedule of the same is as:

Sr. No.	Date & Time	Venue	Faculty Name
1	03 rd December, 2018 10:00 am to 04:00 pm.	National AIDS Research Institute, Bhosari, Pune.	1. Dr. Rahul H. Khiste Dean Training, Placement, III, and EDC. MMCOP, Pune. 2. Mrs. Aruna Narale Asst. Professor. MMCOP, Pune. 3. Mrs. Shruti Aher Asst. Professor. MMCOP, Pune.


All are informed to attend the same. "Attendance is compulsory"


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's

College of Pharmacy,

Thergaon (Kalewadi), Pune-411 033

List of Students Participated in National AIDS Research Institute, Bbosari, Pune on 03/12/2018
From Final Year B.Pharm & M. Pharm (2018-19)

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Anarase Sushita Kisan	B. Pharm	45	Pisal Charushila Sopan	B. Pharm
2	Bhapkar Monika Dattatray	B. Pharm	46	Pote Aniket Balasaheb	B. Pharm
3	Bhosale Neha Dilip	B. Pharm	47	Poul Ravi Baburao	B. Pharm
4	Bhosale Nikita Sanjay	B. Pharm	48	Rathod Mayuri Parashuram	B. Pharm
5	Bhure Priyanka Rajendra	B. Pharm	49	Sabale Nitin Sopan	B. Pharm
6	Biradar Avinash Chandrakant	B. Pharm	50	Safunke Rupesh Ramrao	B. Pharm
7	Borude Rajshri Ramchandra	B. Pharm	51	Sathe Sayali Rajendra	B. Pharm
8	Chavan Akshay Dayaram	B. Pharm	52	Shakymuni Kuldip Manik	B. Pharm
9	Chole Dipti Ashok	B. Pharm	53	Shedge Madhavi Mangesh	B. Pharm
10	Doke Nikita Kalyan	B. Pharm	54	Shinde Asawari Shivaji	B. Pharm
11	Doke Pratiksha Parmeshwar	B. Pharm	55	Shinde Uday Kisan	B. Pharm
12	Dongare Surabhi Subhash	B. Pharm	56	Shinde Varsha Manohar	B. Pharm
13	Gaikwad Swapnali Dattatray	B. Pharm	57	Sontate Pragati Shamrao	B. Pharm
14	Gargote Pragati Ganpat	B. Pharm	58	Sutar Rajeshri Devanand	B. Pharm
15	Giri Mohan Bhagwan	B. Pharm	59	Tambe Pratima Sudhir	B. Pharm
16	Giri Ravi Digambar	B. Pharm	60	Tamboli Asim Maula	B. Pharm
17	Gochade Dhanashri Devrao	B. Pharm	61	Thosar Ashwini Vinod	B. Pharm
18	Gore Dkisha Tatyaram	B. Pharm	62	Wagh Sukanya Dipak	B. Pharm
19	Hedao Akanksha Yogesh	B. Pharm	63	Yele Tai Pandurang	B. Pharm
20	Ighe Nikita Navnath	B. Pharm	64	Andhale Rutuja Sarjerao	M. Pharm
21	Ingole Payal Vikas	B. Pharm	65	Bokhare Suraj Ramesh	M. Pharm
22	Jugtap Mayur Madhukar	B. Pharm	66	Dixit Abhishek Sunil	M. Pharm
23	Kadam Sonali Subhash	B. Pharm	67	Janjire Vaibhav Murlidhar	M. Pharm
24	Kale Rohit Uttam	B. Pharm	68	Jawale Gayatri Kailas	M. Pharm
25	Kalyankar Pandurang Gangadhar	B. Pharm	69	Karekar Simran Pravin	M. Pharm
26	Kharate Shailesh Datta	B. Pharm	70	Karnawat Gayatri R.	M. Pharm
27	Khopade Maya Sakharan	B. Pharm	71	Nagpurkar Shweta Vilas	M. Pharm
28	Kusale Snehal Machindra	B. Pharm	72	Nannawad Mahesh Madhav	M. Pharm
29	Lawande Sneha Rajendra	B. Pharm	73	Sonawane Amruta Datu	M. Pharm
30	Madrewar Dhiraj Radheshyam	B. Pharm	74	Wadavarao Nikeeta Sidram	M. Pharm
31	Maind Diksha Jagdish	B. Pharm	75	Pawar Shubham Satish	M. Pharm
32	Mandale Vijaya Ramdas	B. Pharm	76	Dighe Prachi Bhaskar	M. Pharm
33	Mane Nagnath Marotrao	B. Pharm	77	Jadhav Shital Nagorao	M. Pharm
34	Mittha Pradeep Sadanand	B. Pharm	78	Nadhe Shivankita Shankar	M. Pharm
35	Mokashe Gorakhnath Bhagwan	B. Pharm	79	Phutane Aishwarya Ulhas	M. Pharm
36	More Sachin Bapurao	B. Pharm	80	Sathe Pratiksha Sunil	M. Pharm
37	Mule Kiran Baburao	B. Pharm	81	Surve Aniket Bhagwan	M. Pharm
38	Musale Shubham Rajendra	B. Pharm	82	Bhapkar Nilkanth Dattatarya	M. Pharm
39	Nahire Neta Ravindra	B. Pharm	83	Maske Shivraj Vitthal	M. Pharm
40	Pangare Rutuja Kishor	B. Pharm	84	Nikam Aniket Sanjay	M. Pharm
41	Patil Sandhya Ranjitsing	B. Pharm			
42	Patwari Ajay Chandrakant	B. Pharm			
43	Pawar Mayuri Deelip	B. Pharm			
44	Phalake Mayuri Rajendra	B. Pharm			

Dean, Training, Placement, III & EDC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's College of Pharmacy
Kalewadi Phata- Pimpri Road,
Thergaon (Kalewadi), Pune-411033

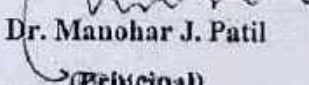
INDUSTRY VISIT REPORT ACADEMIC YEAR-2018-19

Marathwada Mitra Mandal's College of Pharmacy organizes Industrial Visits for B. Pharm and M. Pharm students to upgrade the students with current updates about the industrial profession. And to provide the knowledge of new modern techniques employed in the industries. Students have visited the reputed Pharma industry, which helps to develop innovative ideas among the students for the research.

Date of visit	3 rd December, 2018
Place of visit	National AIDS Research Institute, Bhosari, Pune
Coordinators from college	Dr. Rahul H. Khiste
Approved by	Dr. Manohar J. Patil
Participating students	84
Accompanying faculty members	Ms. Shruti Aher Mrs. Aruna Narale
Objectives of visit	To provide students an insight regarding internal working of pharmaceutical industry for making a good professional career.
Outcome of visit	Students came to know how theoretical concepts are put to into action, thereby aiding their practical learning.


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
THERGAON, PUNE-411033

NATIONAL AIDS RESEARCH INSTITUTE, BHOSARI, PUNE, 03rd DECEMBER 2018



[Handwritten Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon, Pune-411033

Date: 15/10/2018

NOTICE

All the students of B. Pharm and M. Pharm are hereby informed that hospital visit is organized at Aditya Birla Memorial Hospital, Chinchwad, Pune on 22nd October, 2018 by our institute. The detailed schedule of the same is as:

Sr. No.	Date & Time	Venue	Faculty Name
1	22 nd October, 2018 10:00 am to 04:00 pm.	Aditya Birla Memorial Hospital, Chinchwad, Pune.	1. Dr. Rahul H. Khiste Dean Training, Placement, III, and EDC. MMCOP, Pune. 2. Mr. Ganesh S. Mhaske Asst. Prof. MMCOP, Pune. 3. Mrs. Aruna Narale Asst. Prof. MMCOP, Pune.

All are informed to attend the same. "Attendance is compulsory"


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)
Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi



Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T&P/Training Letter / 2018 / 613

Date: 27/09/2018

To,
The HR Manager,
Human Resource department,
Aditya Birla Memorial Hospital
Aditya Birla Marg, Chinchwad, Pune 411033
Maharashtra, India

Subject: Hospital Visit for our Diploma Pharmacy students.

Respected Sir,


With the subject cited above, we the undersigned, requesting you to kindly permit our Diploma Pharmacy students to visit your esteemed organization (as Hospital Visit).

We are glad to provide the following information-

- 1) No. of students- 60 with accompanying Faculty-03
- 2) Probable date of visit-22/10/2018 (Monday)
- 3) Ideal time-10.30 a.m.

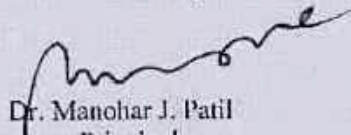
You are requested to kindly permit & oblige.

Thanking You


Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully



Dr. Manohar J. Patil
Principal

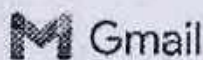
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon, Pune - 411 033 (MS)
Ph. No. 8446060841, E - mail: mmcopharm@yahoo.co.in Website: www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Request for Hospital Visit

2 messages

tpo mmcop <tpommcop@gmail.com>
To: manoj.prabhu@adityabirla.com
Cc: rekha.dubey@adityabirla.com

Fri, Sep 28, 2018 at 10:19 AM

To,

The HR Manager,
Human Resource department,
Aditya Birla Memorial Hospital
Aditya Birla Marg, Chinchwad, Pune 411033
Maharashtra, India

Subject: Hospital Visit for our Diploma Pharmacy students.

Respected Sir/Madam,

With the subject cited above, we the undersigned, requesting you to kindly permit our Diploma Pharmacy students to visit your esteemed organization (as Hospital Visit).

We are glad to provide the following information-

- 1) No. of students- 60 with accompanying Faculty-03
- 2) Probable date of visit-22/10/2018 (Monday)
- 3) Ideal time-10.30 a.m.

You are requested to kindly permit & oblige.
Rahul H. Khiste

Dr. Manohar J. Patil Training & Placement Officer

Dr.
Principal

Thanking you & Regards,

Marathwada Mitra Mandal's, College of Pharmacy,
S. No. 4/17, Sector No. 34, PCNTDA,
Thergaon (Kalewadi) Pune- 411033.
Mob-9960700128

—building pharmacy professionals through education par excellence



Hospital Visit Letter.jpg
815K

tpo mmcop <tpommcop@gmail.com>
To: mukeshparkhi@yahoo.co.in

Fri, Sep 28, 2018 at 10:22 AM

[Quoted text hidden]



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033
7/29/2021, 1:57 PM

Marathwada Mitra Mandals
College of Pharmacy,
Thergaon (Kalewadi), Pune 411 033

List of Students Participated in Aditya Birla Memorial Hospital, Pune on 22/10/2018
From Final Year B.Pharm & M. Pharm (2018-19)

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Anarase Sushma Kisan	B. Pharm	31	Maind Diksha Jagdish	B. Pharm
2	Bhupkar Monika Dattatray	B. Pharm	32	Mandale Vijaya Ramdas	B. Pharm
3	Bhosale Neha Dilip	B. Pharm	33	Mane Nagnath Marotrao	B. Pharm
4	Bhosale Nikita Sanjay	B. Pharm	34	Mittha Pradeep Sadanand	B. Pharm
5	Bhure Priyanka Rajendra	B. Pharm	35	Mokashe Gorakhnath Bhagwan	B. Pharm
6	Biradar Avinash Chandrakant	B. Pharm	36	More Sachin Bapurao	B. Pharm
7	Borude Rajshri Ramchandra	B. Pharm	37	Mule Kiran Baburao	B. Pharm
8	Chavan Akshay Dayaram	B. Pharm	38	Musale Shubham Rajendra	B. Pharm
9	Chole Dipti Ashok	B. Pharm	39	Nahire Neha Ravindra	B. Pharm
10	Doke Nikita Kalyan	B. Pharm	40	Pangare Rutuja Kishor	B. Pharm
11	Doke Pratiksha Parmeshwar	B. Pharm	41	Patil Sandhya Ranjitsing	B. Pharm
12	Dongare Surabhi Subhash	B. Pharm	42	Patwari Ajay Chandrakant	B. Pharm
13	Gaikwad Swapnali Dattatray	B. Pharm	43	Pawar Mayuri Deelip	B. Pharm
14	Gargote Pragati Ganpat	B. Pharm	44	Phalake Mayuri Rajendra	B. Pharm
15	Giri Mohan Bhagwan	B. Pharm	45	Pisal Charushila Sopan	B. Pharm
16	Giri Ravi Digambar	B. Pharm	46	Aher Sagar Atmaram	M. Pharm
17	Gochade Dhanashri Devrao	B. Pharm	47	Bodke Prameshwar Panditrao	M. Pharm
18	Gore Dkisha Tatyaram	B. Pharm	48	Chavan Bhaskar Uttamrao	M. Pharm
19	Hedaoo Akanksha Yogesh	B. Pharm	49	Didbhai Pranjali Mukund	M. Pharm
20	Ighe Nikita Navnath	B. Pharm	50	Gawai Swapna Ramesh	M. Pharm
21	Ingole Payal Vikas	B. Pharm	51	Holkar Shekhar Sanjay	M. Pharm
22	Jagtap Mayur Madhukar	B. Pharm	52	Jawanjal Pranay Ashokrao	M. Pharm
23	Kadam Sonali Subhash	B. Pharm	53	Kamshetti Sheetal Kalyani	M. Pharm
24	Kule Rohit Uttam	B. Pharm	54	Khennar Rameshwar Raosaheb	M. Pharm
25	Kalyankar Pandurang Gangadhar	B. Pharm	55	Saruk Pranjali Tejaraj	M. Pharm
26	Kharate Shailesh Datta	B. Pharm	56	Tupekar Komal Bhagwan	M. Pharm
27	Khopade Maya Sakharam	B. Pharm	57	Yudav Jyoti Narayan	M. Pharm
28	Kusale Snehal Machindra	B. Pharm	58	Andhale Rutuja Sarjerao	M. Pharm
29	Lawande Sneha Rajendra	B. Pharm	59	Bokhare Suraj Ramesh	M. Pharm
30	Madrewar Dhiraj Radheshyam	B. Pharm	60	Dixit Abhishek Sunil	M. Pharm

Dean, Training, Placement, III & EDC



PRINCIPAL

Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



PRINCIPAL

Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's College of Pharmacy
Kalewadi Phata- Pimpri Road,
Thergaon (Kalewadi), Pune-411033


INDUSTRY VISIT REPORT ACADEMIC YEAR-2018-19

Marathwada Mitra Mandal's College of Pharmacy organizes Industrial Visits for B. Pharm and M. Pharm students to upgrade the students with current updates about the industrial profession. And to provide the knowledge of new modern techniques employed in the industries. Students have visited the reputed Pharma industry, which helps to develop innovative ideas among the students for the research.

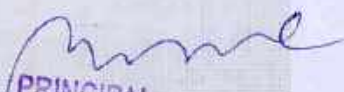
Date of visit	22 nd October, 2018
Place of visit	Aditya Birla Memorial Hospital, Chinchwad, Pune
Coordinators from college	Dr. Rahul H. Khiste
Approved by	Dr. Manohar J. Patil
Participating students	60
Accompanying faculty members	Ms. Ganesh S. Mhaske Mrs. Aruna Narale
Objectives of visit	To provide students an insight regarding internal working of pharmaceutical industry for making a good professional career.
Outcome of visit	Students came to know how theoretical concepts are put to into action, thereby aiding their practical learning.


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411033

3.5.1. Collaborative activities for research, Faculty exchange, Student exchange/ Internship, Field Trip

Academic Year-2017-18

3.5.1. Number of Collaborative activities for Research

Collaborative research by faculty with other institute
resulted in publications

Academic Year-2017-18

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033

M. PHARM DISSERTATION PROJECTS AT INDUSTRY DURING A.Y. 2017-18


Sr. No	Name of Student	Specialization	Industry/ Organization
1	Ms. Daware Sonal Popat	M. Pharm. Quality Assurance Techniques	Ari Healthcare Private Limited, Pune
2	Ms. Lohakare Priya Ankush	M. Pharm. Quality Assurance Techniques	Ari Healthcare Private Limited, Pune
3	Ms. Gaikwad Snehal Ashok	M. Pharm. Quality Assurance Techniques	Nulife Pharmaceuticals Pvt. Ltd. Pune


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


Dr. Manohar J. Patil

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

COVID-19 Information

Public health information (CDC)


Research information (NIH)

SARS-CoV-2 data (NCBI)

Prevention and treatment information (HHS)

Español

FULL TEXT LINKS



Full-Text Article

Recent Pat Drug Deliv Formul. 2017;11(1):28-35. doi: 10.2174/1872211311666170105114459.

Development and Evaluation of Naproxen Sodium Gel Using Piper cubeba for Enhanced Transdermal Drug Delivery and Therapeutic Facilitation

Sunetra Patwardhan ¹, Manohar Patil ², Anbazhagan Sockalingam ³

Affiliations

Affiliations

- ¹ Sinhgad College of Pharmacy, 44/1, Vadgaon (Bk), Off Sinhgad Road, Pune- 411041, Maharashtra, India.
- ² Department Pharmacognosy, Marathwada Mitramandal College of Pharmacy, Pimpri, Pune, India.
- ³ Department of Pharm. Chemistry, Surya School of Pharmacy, Surya Nagar, GST Road, Vikravandi, Villupuram Dist., Tamil Nadu, India.

PMID: 28056749 DOI: 10.2174/1872211311666170105114459

Abstract

Background: The absorption of drug through skin avoids many side effects of oral route like gastric irritation, nausea, systemic toxicity etc and thus improves patient compliance. Naproxen sodium (NPRS) is one of the potent NSAID agents.

Objective: The present study was aimed to develop and evaluate the gel formulation containing NPRS for transdermal drug delivery reducing the side effects and improving patient compliance. The patents on topical delivery of NSAIDS (US 9012402 B1, US 9072659 B2, US 20150258196 A1) and patents indicating use of herbal penetration enhancers (US 20100273746A1, WO 2005009510 A2, US 6004969 A) helped in selecting the drug, excipients.

Method: Current protocol employs various extracts of Piper cubeba fruit to evaluate its role in absorption of NPRS. Various batches containing 1% NPRS and varying concentrations of synthetic permeation enhancers or the extracts were formulated in carbopol gel. Gel was evaluated for parameters like organoleptic parameters, pH, viscosity and spreadability. An ex-vivo percutaneous absorption of NPRS from gel was investigated and compared with best performing synthetic enhancer, transcutol P (TP).

Result: The batch containing 2% n-hexane extract (NHE) of Piper cubeba showed higher permeation than TP and Chloroform (CE), Methanolic (ME) and aqueous (AE) extracts as well. It showed improved % cumulative release (85.09%) and flux (278.61 µg/cm².h), as compared to TP and other extracts. Histopathology indicated the formulation safer as compared to that with synthetic enhancer.

Conclusion: It suggests P. cubeba as effective and safer tool for transdermal delivery and acts as therapeutic facilitator for naproxen. GC-MS analysis indicates lignans & terpenes in NHE to which

FOLLOW NCBI



Follow NLM

National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20894

Copyright

FOIA

Privacy

Help

Accessibility

Careers

NLM NIH HHS USA.gov




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411033



SOLUBILITY ENHANCEMENT OF POORLY WATER SOLUBLE DRUG USING NATURAL CARRIER

RATNAPARKHI M.P.^{1*}, CHAUDHARI P.D.²

¹Marathwada Mitra Mandal's College of Pharmacy,
Thergaon (Kalewadi), Pune-411033, India.

²PES Modern College of Pharmacy, Nigdi, Pune -411044, India.

ABSTRACT

Atorvastatin calcium is a synthetic lipid-lowering agent. Atorvastatin (ATR) is an inhibitor of 3-hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA) reductase. This enzyme catalyzes the conversion of HMG-CoA to mevalonate, an early and rate-limiting step in cholesterol biosynthesis. According to the biopharmaceutical classification, ATR comes under Class II (low solubility and high permeability). Because of the limited aqueous solubility, it exhibits dissolution rate limited oral absorption. The objective of this investigation was to improve the solubility of the poorly water soluble drug atorvastatin, using solid dispersion (SD) techniques, with Aegel marmelos Gum (AMG) as a hydrophilic carrier. The effect of two variables related to solid dispersions preparation (drug to carrier ratio and method of preparation) were investigated. All the SDs prepared by Microwave induced fusion and Lyophilisation techniques showed remarkable increase in the solubility compared to the pure ATR. The solubility analysis demonstrated highest increase in the solubility of drug observed with ATR-AMG ratio 1:1 by lyophilisation technique. During In Vitro study result obtained that the SD prepared using the Lyophilisation method containing 1:1 ATR-AMG ratio displays faster dissolution rates compared with those prepared using the other that is 98.8±0.09% drug release within 90 min. The SD was characterized using DSC and XRD technique.

Keywords: Atorvastatin Calcium, Lyophilisation, Microwave, Solid Dispersion

INTRODUCTION

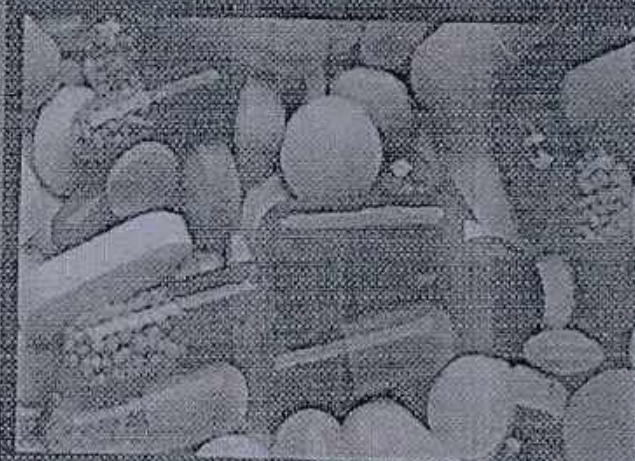
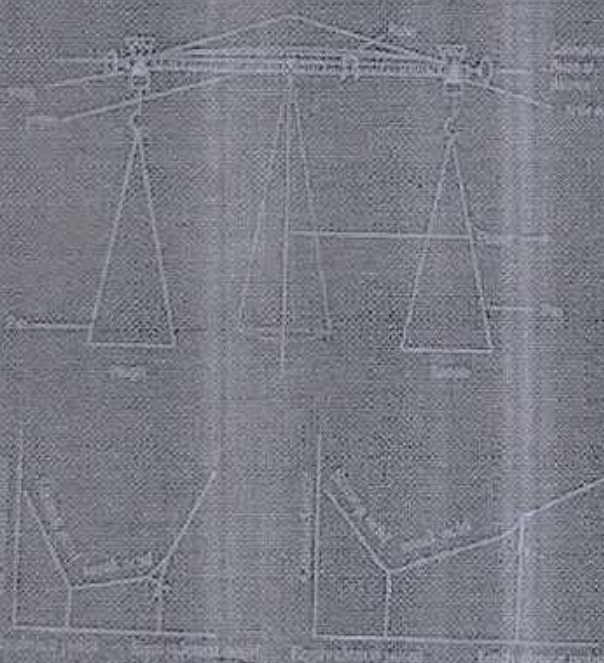
In recent years, the formulation of poorly soluble compounds presented interesting challenges for formulation scientists in the pharmaceutical industry. Up to 40% of new chemical entities discovered by the pharmaceutical industry are poorly soluble or lipophilic compounds, which lead to poor oral bioavailability. The enhancement of oral bioavailability of poorly water soluble drugs remains one of the most challenging aspects of drug development. Atorvastatin (ATR) is a synthetic lipid-lowering agent.¹⁻³ Atorvastatin is an inhibitor of 3-hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA) reductase. This enzyme catalyzes the conversion of HMG-CoA to mevalonate, an early and rate-limiting step in cholesterol biosynthesis. According to the biopharmaceutical classification, ATR comes under Class II (low solubility and high permeability). Because of the limited aqueous

solubility, it exhibits dissolution rate limited oral absorption.^{10, 11, 12} Solid dispersion (SD) techniques have been used to enhance the dissolution and oral bioavailability of many poorly water soluble drugs.^{4, 5} To overcome the solubility problem, many authors formulated solid dispersions using number of various polymers and methods. In spite of tremendous research activity on solid dispersions since 1961, their commercial application is limited. Only a few products have been marketed so far.^{6, 7, 8, 9} One aspect of solid dispersion technology on which most workers in the field would agree is that the number of marketed products arising from this approach has been disappointing. Research for alternative carriers has been increasing to suit for the industrial applications as well as to reduce the production cost and toxic effects. Recently, many natural polymers have been evaluated for their uses in formulation of solid dispersion. Cost effective pharmaceutical excipients are always desirable.^{13, 14} Pharmaceutical excipients developed from natural

TEXT BOOK OF

EXPERIMENTAL PHARMACEUTICAL ANALYSIS

V. S. Kasture
Pranod L. Ingale



PRINCIPAL
Marathwade Mitra Marathe's
COLLEGE OF PHARMACY
Torgani (Kalewadi), Pune-411 003



CAREER
Publications
www.careerandyou.com

1846

KAS

PRINCIPAL
1846

About the Book

The book *Experimental Analysis* covers classical methods of analysis. These methods started the discipline of chemical analysis both qualitatively & quantitatively, which include gravimetric and volumetric methods of analysis. In gravimetry, the stoichiometry of analysis is stated. All calculations based on chemical equivalence are explained with specific examples. The gravimetric method is not very sensitive in terms of percentage purity determination, but it is a specific method for qualitative analysis.

The Volumetric methods are sensitive analytical methods compared to gravimetry. Volumetric methods are of four categories based on chemical reactions: Aqueous & Non-aqueous acid-base titrimetric methods; Complexometric methods which covers complex-forming reactions, both insoluble (precipitation) & soluble complex-forming reactions and Redox reactions, i.e. Reductions, Oxidation titrimetry. All volumetric methods of analysis are based on stoichiometry of the reactions between titrant and titrate. Volumetry is a more sensitive and selective method of analysis of 20th century. In volumetric methods, the chemical compounds called indicators are used to indicate completion of chemical reactions.

Further development in Volumetric methods of analysis was instrumental methods, where all these titrations were performed using instruments. Quantitative parameters for analysis of chemical constituents are potential, conductance, pH, current. All electrical instruments are designed to quantify analyte in terms of these parameters based on Ohm's law. Experiments based on analysis of samples by potentiometry, conductometry and Potentiometry are discussed.

Further development in chemical analysis is Spectroscopy where trace amounts of sample is analysed. Spectroscopy is method of choice for analysis of biological samples. Experiments based on both absorption & emission spectroscopical methods of analysis are discussed.

Complex mixtures are first fractionated for smooth analysis. Initially, extraction of sample with various solvents was the method of choice for separation of chemical constituents, but complex mixtures are resolved by Chromatography. Various chromatographic methods of separation and analysis are discussed with suitable experiments. Introduction to advanced methods like High Performance Liquid Chromatography, (HPLC) High Performance Thin Layer Chromatography are discussed with experiments.

Infrared Spectroscopy with analytically important group frequencies for organic functional groups are stated. Differential Scanning Calorimetric method for Pharmaceutical analysis are discussed with suitable examples.

The book is very informative for all science branches, especially under graduate & post graduate students not only for pharmacy students but of analytical chemistry.

About the Author

Prof. V. S. Kasture has 30 yrs of teaching experience in Pharmaceutical Analysis at various levels, which includes, lecturer, Associate Professor to Professor. The experiment written in this book have been performed in the laboratories of Pharmaceutical Sciences. The experiments are explained in simple language with suitable examples and graphical presentations.

This is the second book written by the author, the first being Spectroscopy, which covers advanced analytical methods of analysis, like UV-Visible, IR, NMR, & Mass Spectroscopy for structural elucidation of organic molecules and also problems based on the same.

At present, the author is founder member and Director of Pinnacle Biomedical Research Institute, Bhopal (MP), popularly known as PBRI (Visit www.pbri.in). PBRI is the first institute in India which extends instrumental, chemical, biological and microbiological facilities for Post Graduate and Doctoral students to pursue research.

The author has Completed research projects funded by UGC, AICTE, and Industries. She has guided more than hundred Post-graduate students and seven doctoral students for extraction, isolation & confirmation of structure of Phytoconstituents like Steroids, Triterpenoids, Flavonoids, Alkaloids, Irindoid type Glycosides, Fatty acids & Tannins. Her research has been recognised by several indexing agencies like, Google Scholar, Research Gate, Academia.edu, Pubmed-NCBI, Pubfacts, Semantic Scholar, etc.

She has published more than 100 research papers and has received more than 950 citations. She has collaboration with COSMESA of University of Cagliari, Italy, and Banasthali University, Rajasthan. She had visited the Government University of Gondar, Ethiopia, in 2010.

DR. PRAMOD L. INGALE is working as a Professor and Head of Department of Pharmaceutical Chemistry, at Marathwada Mitra Mandal's College of Pharmacy, Thergaoan, Pune. He has graduated and post graduated in Pharmaceutical Chemistry as a specialization from Savitribai Phule Pune University, Pune and got his Ph. D. in Pharmaceutical Sciences from JNT University, Hyderabad. He has total 15 years of teaching experience and has guided 21 M. Pharm. students. He has published total 25 research papers in peer-reviewed national and international journals and presented 23 research papers in national and international conferences. He has received total Rs. 4.80 lakhs of research grant from Savitribai Phule Pune University, Pune. He has successfully completed few industry-sponsored projects in the capacity of co-investigator. His area of research are in SAR based drug designing, heterocyclic chemistry, Multicomponent reactions, Analytical Method Development and Validation, Stability indicating methods for bulk drugs and their various formulations. He is a life member of APTI.

Text Book
CAREER
Publications
www.careerandyou.com

Text Book of
Experimental Pharmaceutical Analysis
First Edition

Esid.
2006

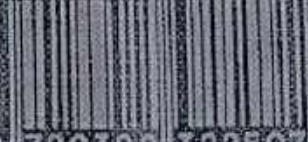
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaoan, Maharashtra, Pune, 412 204

PRINCIPAL

Price: ₹ 210.00

ISBN 978-81-8228-53-7



9 789382 322597



View PDF

Full Factorial Design for Optimization, Development, Validation of RPHPLC Method and Stability-Indicating Method for Tamsulosin and Dutasteride

Sampada D. Dalvi^{1*}, Rabindra K. Nanda², Sohan S Chitlange²

¹Marathwada Mitramandal's College of Pharmacy, Kalewadi, Pune, Maharashtra India 411033.

²Dr. D. Y. Patil Institute of Pharmaceutical Science and Research, Pimpri Pune, Maharashtra India 411018.

*Corresponding Author E-mail:sampadadalvi17@gmail.com

ABSTRACT:

High performance liquid chromatographic method was optimized developed and validated as per the ICH guidelines. Full factorial design was used to optimize the effect of variable factors. Full factorial design was used during forced degradation experiments and the factors/combination of factors which were most likely to affect degradation under various conditions was identified and was optimized further. In this study the methanol: water in the 80:20 ratios were used as mobile phase for the analysis. Drugs were exposed to acid, alkali and oxidation effect by hydrogen peroxide, dry heat, wet heat and photolytic conditions. The retention time values of tamsulosin and dutasteride were found to be 1.9min and 7.94 min respectively. Percent recovery in terms of accuracy was found in the range of 96.7–102.9%. Drugs were found to be stable under wet heat, dry heat and photolytic conditions, but substantial degradation was observed under acid, alkali and oxidative conditions. The method was found to be simple and fast by making use of experimental design.

KEYWORDS:HPLC, Dutasteride, Tamsulosin, Stability indicating method Full factorial Design.

INTRODUCTION:

The method for the analysis of drug in the formulation should be robust, sensitive and precise; hence, in this method design of experiment has been applied to study the effect of factors individually and in combination also. Design of experiment (DOE) is based upon the principles of experimental design, mathematical equations or models and outcomes of the factors. This research article focuses on the optimization, development and validation of a new analytical method with DOE^{1,2}.

Forced degradation/stress testing, defined as the stability testing of drug substance and drug product under conditions exceeding those used for accelerated testing. From a drug development and regulatory perspective, forced degradation studies provide data for the identification of possible degradation products, prediction of degradation pathway, validation of stability-indicating analytical procedures, identification of conditions in which the drug is less stable, the choice of packing material and selection of storage conditions. Although the regulatory guidance documents define the concept of stress testing, they do not provide detailed information about a stress testing strategy. The experimental conditions to conduct stress testing are described in a general way and the exact stress conditions to be applied are not described. Researchers have suggested that degradation can be achieved by exposing the drug, for extended periods of time, to extremes of pH (aqueous, hydrochloric acid or sodium hydroxide solutions) at elevated temperatures, to hydrogen peroxide at room temperature or to UV light and to dry heat (in an oven) while adopting trial and error approach to select the strength, temperature and time of exposure to the stress conditions so as to achieve degradation to an extent of 10–20%, actually. Such trial and error approach are cost, time and labor intensive and should be substituted by more systemic approach^{3,4}. One such systemic approach is to adopt statistical nested design like factorial design to reveal the variables (strength, temperature or time of exposure) which are most likely to influence degradation and modify only these parameters to effect the adequate degradation. Dutasteride (DUT) is a synthetic 4-azasteroid compound that is a competitive and selective specific inhibitor of both type 1 and type 2 isoforms of steroid 5- α reductase (5AR), an intracellular enzyme that converts testosterone to 5- α dihydrotestosterone (DHT) whereas Tamsulosin (TAM) is α_{1a} -selective alpha blocker which work by relaxing bladder neck muscles and muscle fibers in the prostate itself and make it easier to urinate⁵⁻⁹. In this work, an analytical HPLC and stability indicating method has been optimized, developed and validated with DOE for the determination of Tamsulosin and Dutasteride in formulations.

3.5.1. Number of Collaborative activities

Faculty Exchange-Training, Conferences, FDP, Seminars
completed/attended by Faculty

Academic Year-2017-18

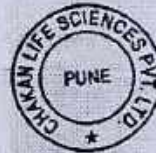
Date: 23/05/2017.

CERTIFICATE

This is to certify that **Mr. Sachin K. Jugdale** Assistant Professor, Dept. of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-33, has completed the training in Pharmaceutical Packaging Dept. from 17/05/2017 to 23/05/2017. During the training period his behavior was satisfactory.

For Chakan Life Sciences Pvt. Ltd. Pune


Director



CC
To,
The Principal,
Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (K. J. Road), Pune-411 033



CURE MEDICINES (INDIA) PVT. LTD.

Date: 03/06/2017

CERTIFICATE


This is to certify that **Dr. Pramod L. Ingale**, Associate Professor at Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-411 033, has successfully completed training in our Quality Assurance Department from 29/05/2017 to 03/06/2017.

We found him sincere, hardworking, technically sound and result oriented. We take this opportunity to thank him and wish him all the best for his future.

For Cure Medicines (I) Pvt. Ltd.


Authorized Signatory



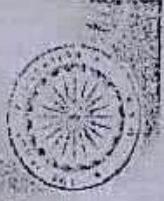

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Skill India
कौशल भारत - कुशल भारत



THE INDUS FOUNDATION



India - Global Education Summit & Expo 2017
India - Global Skills Summit & Expo 2017

www.igehs.com, Hyderabad, Chennai, Bangalore, Kolkata, New Delhi



Presented to

Dr. Manohar J. Patil

Principal, Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune

Dr. Manohar J. Patil

Chairman, The Indus Foundation



S.B. Annamolu

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

President, The Indus Foundation
Thergaon (Kalewadi), Pune-411 033
Road No. 2, Banjara Hills, Hyderabad-500034, India

19th July 2017



Skill India
 कौशल - भारत - कुशल भोक्त



THE INDUS FOUNDATION

Indo - Global Education Summit & Expo 2017
Indo - Global Skills Summit & Expo 2017

Mumbai, Hyderabad, Chennai, Bangalore, Kolkata, New Delhi

PARTICIPATION CERTIFICATE

Dr. Pramod L. Ingale,
Professor &

Head, Department of Pharmaceutical Chemistry, Dean Academics,
Marathwada Mitra Mandal's College of Pharmacy

Dr. Ingale

S.D. AGNIS, M.B.B.S.,
 Chairman, The Indus Foundation



S.B. Anundia

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

S.B. Anundia
 President, The Indus Foundation

Thergaon (Kalewadi), Pune-411 033

The Indus Foundation, 14 Park View Enclave, Road No.2, Banjara Hills, Hyderabad 500034, India

SHREE CHANAKYA EDUCATION SOCIETY'S

INDIRA COLLEGE OF PHARMACY

Approved by All India Council for Technical Education, and Pharmacy Council of India, New Delhi,
Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Affiliated to Savitribai Phule Pune University ID No. PU/13/Pharmacy/256/2006



This is to certify that

Pfrof./Dr./Mr./Ms...A. R...Tekade.....

Of...M.M. College...of...Pharmacy...Pune.....

has attended **Round Table Conference with the President of the
Controlled Release Society, India Chapter**, held at Indira College of
Pharmacy, Pune on 4th August 2017.

Dr. Anagha Joshi
Principal
Indira College of Pharmacy



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi) Pune-33




CERTIFICATE


This is to certify that Mr./Ms./Dr./Prof. Mukesh P. Ratnaparkhi
Has participated in a TWO DAY NATIONAL LEVEL SPPU, PUNE
Sponsored seminar / workshop Designing Controlled Drug Delivery
System: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
conducted on 16th & 17th Feb 2018 is highly appreciated.

Date 17th Feb 2018



Coordinator


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


DR. MANOHAR J. PATIL
Principal



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-33



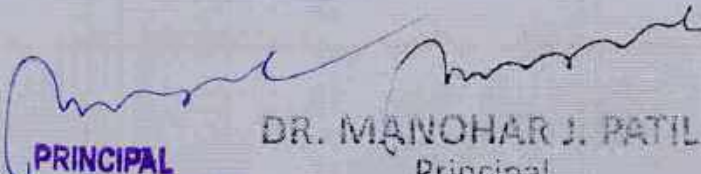
CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Pravin J. Patil
has participated in a Two DAY NATIONAL LEVEL SPPU, PUNE
Sponsored seminar / workshop Designing Controlled Drug Delivery
System: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
Conducted on 16th & 17th Feb' 2018 is highly appreciated.

Date 17th Feb' 2018



Coordinator


DR. MANOHAR J. PATIL
Principal
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-33




CERTIFICATE

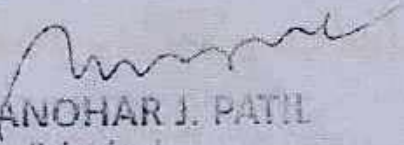
This is to certify that Mr./Ms./Dr./Prof. Prasad V. Kadam
Has participated in a TWO DAY NATIONAL LEVEL SPPU, PUNE
Sponsored seminar / workshop Designing Controlled Drug Delivery
Systems: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
Conducted on 16th & 17th Feb 2018 is highly appreciated.

Date 17th Feb 2018



Coordinator


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


Principal



ESTD. 2006
COLLEGE OF PHARMACY
2007-2017

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-33



CERTIFICATE

This is to certify that Mr./Mrs./Dr./ Prof. Rahul H. Khiste
has participated in a Two Day National Level SPPU, Pune
Sponsored seminar/workshop Designing Controlled Drug Delivery
System: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
conducted on 16th & 17th Feb 2018 is highly appreciated.

Date 17th Feb 2018

Coordinator



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

DR. MANOHAR J. PATIL
Principal



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi) Pune-33




CERTIFICATE


This is to certify that Mr./Ms./Dr./Prof. Pranod H. Saptal
has participated in a Two Day National Level SPPU, Pune
Sponsored seminar / workshop Designing Controlled Drug Delivery
System: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
Conducted on 16th & 17th Feb' 2018 is highly appreciated.

Date 17th Feb 2018




Coordinator


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


DR. MANOHAR J. PATIL
Principal



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-33





CERTIFICATE

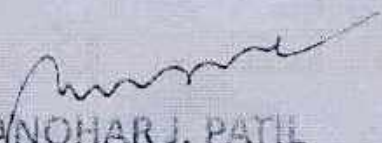
This is to certify that Mr./Ms./Dr./Prof. Sambhaji D. Dalvi
has participated in a TWO DAY NATIONAL LEVEL SPPU, PUNE
sponsored seminar/workshop Designing Controlled Drug Delivery
System: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
conducted on 16th & 17th Feb' 2018 is highly appreciated.

Date 17th Feb' 2018




Coordinator


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


DR. MANOHAR J. PATIL
Principal



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-33





CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Babita A Agarwal
 has participated in a TWO DAY NATIONAL LEVEL SPPU, PUNE
 sponsored seminar / workshop Designing Controlled Drug Delivery
System: Challenges, Approaches and Opportunities
 as a Special invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
 conducted on 16th & 17th Feb' 2018 is highly appreciated.

Date 17th Feb' 2018




 Coordinator


DR. MANOHAR J. PATIL
 Principal
PRINCIPAL
 Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi) Pune-33




CERTIFICATE


This is to certify that Mr./Ms./Dr./Prof. Sachin K Jagdale
has participated in a Two Day NATIONAL LEVEL SPPH, PUNE
sponsored seminar/workshop Designing Controlled Drug Delivery
System: Challenges, Approaches and Opportunities.
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
conducted on 16th & 17th Feb' 2018 is highly appreciated.

Date 17th Feb' 2018



Coordinator


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


DR. MANOHAR J. PATIL
Principal



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-33




CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Kavita N. Yadav
has participated in a Two Day NATIONAL LEVEL SPPU, PUNE
Sponsored seminar/workshop Designing Controlled Drug Delivery
Systems: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
conducted on 16th & 17th Feb' 2018 is highly appreciated.

Date 17th Feb' 2018



Coordinator


DR. MANOHAR J. PATIL
Principal
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-33




CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Shailendra S. Salunkar
has participated in a Two Day National Level RPPU, Pune
Sponsored seminar / workshop Resigning Controlled Drug Delivery
System: Challenges, Approaches and Opportunities
as a Special Invitee/ Resource Person/ Delegate. His / Her Active Participation in this event
Conducted on 16th & 17th Feb' 2018 is highly appreciated.

Date 17th Feb' 2018



Coordinator


PRINCIPAL
NIAHOHAR J. PATIL
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

University Research Cell

INNOVATION - 2017

REGIONAL RESEARCH CONFERENCE

Certificate of Participation

This is to certify that *Dr./Shri./Smt. Manohar J. Patil*
of *Marathwada Mitra Mandal's College of Pharmacy,* participated and presented
Thergaon Pune.
Paper/PPT entitled *Ecochemicals: An Evolution of Ecological Phytochemistry* in the
Regional Research Conference "INNOVATION - 2017" for College/Institute Teachers in the
subject *Pharmacognosy* field at *SIES's Smt. Keshibai*
Navale College of Pharmacy, Kondhwa on 18th November, 2017
(Bk) Pune 48

R.B. Patil
(Dr. R. B. Patil)
Coordinator

S. D. Sawant
DR. S. D. Sawant
Principal

S. P. Bathe
Dr. S. P. Bathe
Deputy Registrar

Nitin Karmalkar
Dr. Nitin Karmalkar
Vice-Chancellor



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 035



SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

University Research Cell

INNOVATION - 2017

REGIONAL RESEARCH CONFERENCE

Certificate of Participation

This is to certify that *Dr./Shri./Smt. Pravin J. Patil*
of *Marathwada Mitra Mandal's College of Pharmacy* participated and presented
Paper/PPT entitled in *Neuroprotective Activity of Green Tea Flavonoids*
in Parkinson's Disease Models of Zebrafish in the
Regional Research Conference "INNOVATION - 2017" for *College/Institute Teachers* in the
subject *Pharmacology* held at *STES, Smt. Kashibai*
Navale College of Pharmacy, Kondhwa (BK), Pune *18th Nov. 2017*

(Dr. A. B. Patil)
Coordinator

(Dr. S. A. Sawant)
Principal

(Dr. S. P. Bathe)
Deputy Registrar

(Dr. Nitin Karmalkar)
Vice-Chancellor



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kafewadi), Pune-411 033



SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

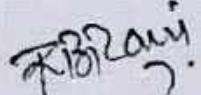
University Research Cell


INNOVATION - 2017

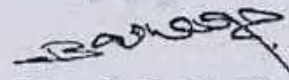
REGIONAL RESEARCH CONFERENCE

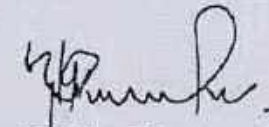
Certificate of Participation

This is to certify that *Dr./Shri./Smt. Babita Anil Agarwal*.....
of *Marathwada Mitra Mandal's College of Pharmacy, Kalewadi, Pune*..... participated and presented
Paper/PPT entitled Implementation of Design of Experiments for Optimization in the
of Forced Degradation Conditions & Studying the Degradation Mechanism of an Anticancer drug
Regional Research Conference "INNOVATION - 2017" for College/Institute Teachers in the
subject Pharmaceutical Chemistry..... held at *STES, Smt. Kashibai*.....
Navale College of Pharmacy, Kondhwa..... on *18th November 2017*.....
(BK) Pune-48



(Dr. R. B. Patil)
Coordinator


Dr. S. D. Sawant
Principal


Dr. S. P. Bathe
Deputy Registrar


Dr. Nitin Karmalkar
Vice-Chancellor




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

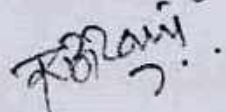
University Research Cell


INNOVATION - 2017

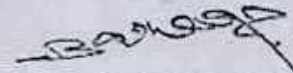
REGIONAL RESEARCH CONFERENCE

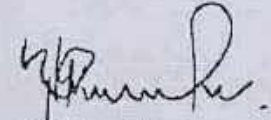
Certificate of Participation

This is to certify that Dr./Shri./Smt. Sampada D. Dalvi
of Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune participated and presented
Paper/PPT entitled Studies on CYP450 Based Drug Metabolism using RP-HPLC in the
Regional Research Conference "INNOVATION - 2017" for College/Institute Teachers, in the
subject Pharmaceutical Chemistry held at STE's Smt. Kashibai
Navale College of Pharmacy Kondhwa, on 18th November 2017
(BK) Pune-48

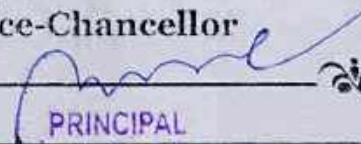

(Dr. R. B. Patil)
Coordinator


Dr. S. D. Sawant
Principal


Dr. S. P. Bathe
Deputy Registrar


Dr. Nitin Karmalkar
Vice-Chancellor




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 039



SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

University Research Cell

INNOVATION - 2017

REGIONAL RESEARCH CONFERENCE

Certificate of Participation

This is to certify that *Dr./Shri./Smt. Kavita N. Yadav*
of *Marathwada Mitra Mandal's College of Pharmacy* participated and presented
Thergaon Pune.
Paper/PPT entitled *Phytolemins : A Novel Remedy* in the
Regional Research Conference "INNOVATION - 2017" for College/Institute Teachers in the
subject *Pharmacognosy* held at *STES's Smt. Kashibai*
Nawale College of Pharmacy, Kondhwa, on 18th November, 2017.
(Ok). Pune-48

R. B. Patil
(Dr. R. B. Patil)
Coordinator

S. B. Sawant
Dr. S. B. Sawant
Principal

S. P. Bathe
Dr. S. P. Bathe
Deputy Registrar

N. Karmalkar
Dr. Nitin Karmalkar
Vice-Chancellor



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

University Research Cell

INNOVATION - 2017

REGIONAL RESEARCH CONFERENCE

Certificate of Participation

This is to certify that Dr./Shri./Smt. Shailendra S. Salvankar
of Marathwada Mitra Mandal College of Pharmacy participated and presented
Kalewadi Pune
Paper/PPT entitled Design & Development of Nasal Drug Delivery in the
System for Brain Targeting
Regional Research Conference "INNOVATION - 2017" for College/Institute Teachers in the
subject Pharmaceutics held at STES's Smt. Kashibai
Mandal College of Pharmacy, Kanchhwa on 18th November, 2017

(Bk) Pune 48
R.B. Patel
(Dr. R. B. Patel)
Coordinator

(Dr. S. D. Sawant)
Principal

S. P. Bathe
Dr. S. P. Bathe
Deputy Registrar

Nitin Karmalkar
Dr. Nitin Karmalkar
Vice-Chancellor



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

69th IPC 2017
CHANDIGARH
22nd - 24th December, 2017

Shall send 2017
to India and Serve
Quality First



Certificate

This is to certify that

Prof./Dr./Mr./Ms. Manohar Janardhan Patil

has participated as Delegate / Volunteer

in the 69th Indian Pharmaceutical Congress

held at Chitkara University, Rajpura from December 22nd to 24th, 2017.


Dr. Mahesh Burande
President - IPCA


Dr. Shalendra Saraf
Chairman - LOC


Dr. Dhirender Kaushik
Organizing Secretary


Dr. Ashish Baldi
Chairman, Registration Committee - LOC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Malewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Student Exchange

Academic Year-2017-18

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY,

THERGAON, PUNE-411 033 (M.S)

**ENTREPRENEURSHIP
AWARENESS
CAMP
2017-2018**



Marathwada Mitra Mandal's
College of Pharmacy

S. No. 4/17, Sector No. 34, PCNTDA
Thergaon (Kalewadi) Pune-411033

CIRCULAR

Date: 12/09/2017


All faculty members are hereby informed that the three days "Entrepreneurship awareness Camp (EAC)" is arranged on 26th September to 28th September 2017 at our institute for Third, Final year B. Pharm and M. Pharm students. The detailed schedule of the same is as:

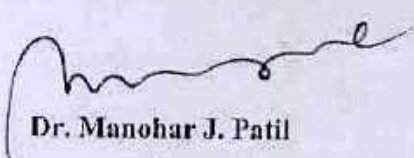
Sr. No.	Date & Time	Venue	Resource Person
1	26 th to 28 th September 2017; Tuesday, Wednesday and Thursday 9.30 am to 5.00 pm	Seminar Hall	Experts from Maharashtra Centre for Entrepreneurship Development. (MCED, Pune)


Dean

Training, Placement, III, E.D. Cell

PLI
PJP
PVK
BAA
SKJ
SSS
RAP
VMB



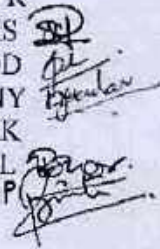

Dr. Manohar J. Patil

(Principal)

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411033

ART
MPR
PHS
SDD
KNY
SAK
RPL
SRP






PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



महाराष्ट्र उद्योजकता विकास केंद्र (एम.सी.ई.डी.)

अनारसरी १००१, १००० मन्डल ग्राम सभाग
३०१, संजयराव जलवीर कर्वेदा भवन, पुणे-४११०३३

Ref: MCEED/70/P817-18/EAC/23

Date: 18/08/2017

To,
The Principal,
Marathwada Mitra Mandal,
College of Pharmacy,
Thergaon, Pune-411033

Sub: Entrepreneurship Awareness Camp at your Educational Institute.

Respected Sir,

Maharashtra Centre for Entrepreneurship Development (MCEED) works as a catalyst for developing successful entrepreneurs for social advancement. Entrepreneurs are both risk takers and wealth creators. While many of them fall on the way side, some of them create immense wealth for themselves as well for the nation.

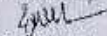
With shrinking organized job market and growing population of the youth, entrepreneurship has become the direction for the country. If self-help is the best help, then self-employment is the best employment and ENTREPRENEURSHIP, the most exciting level of self-employment. In entrepreneurship, you work for yourself, achieve a target or goal set by yourself & reap the satisfaction of having achieved the goal yourself.

Entrepreneurship is not a matter of heritage, it is entirely a manifestation of such potentialities that any individual born in any state, community & class can have. As each one person having a certain set of behavioral traits and internal capabilities in himself can become an ENTREPRENEUR, besides there is no need for such a person to be protected from the very childhood for becoming an Entrepreneur. Even if he is growing up, has worked on different line and has developed these traits or aptitudes, he or she can be groomed & developed as an Entrepreneur through counseling and motivational measures.

One of the best measures for motivation, counseling & awareness is training program. Hence we appeal you for supporting us in organizing our 3 day Entrepreneurship Awareness Camp, which of course is well defined as per the enclosed details of syllabus, time participation of students and the budget of LAC, objective, methodology etc.

Your consent for organizing LAC at your college of Pune city may please be conveyed to us. Thanking you.

Yours faithfully,


Suresh B. Umkar,
Regional Officer,
MCEED Pune

Mobile No: 9820782777

पुणे कार्यालय : ३०१, संजयराव जलवीर कर्वेदा भवन, पुणे-४११०३३, फोन नं. २६५, मोबाइल - ९८२०७८२७७७
पुणे - अतिथि : पुणे-१ : कार्यालय : (०२०) २३३११०३ / २३३१२२४, २३३११०३ कार्यालय : (०२०) - ३५० - २३४१०११,
पुणे : www.mceed.org
E-mail: mceed@vaidashchinnoid@gmail.com E-mail: sbsj@karmaveer@gmail.com




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

year B. Pharm and M. Pharm students attend this programme. In this programme experts deliver lectures/sessions on Entrepreneurship development.

The objective of said workshop was

- to make student aware about entrepreneurship as a career choice
- to make Student aware about business opportunities
- to make Student aware about support system
- to present Student few role models in entrepreneurship.

Methodology:

- One way lectures.
- Sharing of experiences.
- Panel discussion.
- Question- answers.

3. INDUSTRIAL VISIT:

- Industrial visit also useful in developing the entrepreneurial skill in students.
- During industrial visit students visits companies and get insight regarding the internal working environment of a company and how a company functions.
- Through industrial visit students get an opportunity to gain in-depth knowledge about the field of their interest, helping them make the correct career choice in future especially as entrepreneur.
- Interfacing with the industry gives them a chance to build networks/contacts and improve their business communication skills.

Industry/Institute visited in recent past

- Cadila healthcare, Ahemadabad, Gujarat
- Green Chem Pvt Ltd, Bangalore
- Goa Antibiotics & Pharmaceuticals Ltd., Tuem Pernem – Goa
- Morphen Pharmaceutical, Parwanoo, HP
- Sumatibhai Shah Ayurved Formulary, Pune, Maharashtra
- National AIDS research center, Pune




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**

S. No. 4/17, Sector No. 34, PCNTDA
Thergaon (Kalewadi) Pune-411033

NOTICE

Date: 12/09/2017

All the students of Third, Final year B Pharm and M Pharm are hereby noticed that, the three days "Entrepreneurship awareness Camp (EAC)" is arranged on 26th September to 28th September 2017 at our institute. The detailed schedule of the same is as:

Sr. No.	Date & Time	Venue	Resource Person
1	26 th to 28 th September 2017; Tuesday, Wednesday and Thursday 9.30 am to 5.00 pm	Seminar Hall	Experts from Maharashtra Centre for Entrepreneurship Development. (MCED, Pune)

All are informed to attend the same. "Attendance is compulsory"

Objective of EAC:

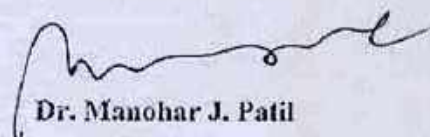
- 1) To impart awareness about entrepreneurship as a career choice.
- 2) To impart awareness about business opportunities.
- 3) To impart awareness about support system.
- 4) To present few role models in entrepreneurship.

Methodology:

- 1) One way lectures.
- 2) Sharing of experiences.
- 3) Panel discussion.
- 4) Question- answers.


Dean


Training, Placement, III, E.D. Cell


Dr. Manohar J. Patil

(Principal)
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। वेधे बहुविधे विदित ।

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon, Pune-411033



MMCOP

Embracing Health & Happiness

ENTREPRENEURSHIP AWARENESS CAMP (EAC)

IN ASSOCIATION WITH


MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT PUNE

26th to 28th September 2017

Training, Placement, III & E. D. Cell, MMCOP, Pune

....building Pharmacy Professionals through Education par Excellence




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon, Pune-411033

A REPORT ON ENTREPRENEURSHIP AWARENESS CAMP (EAC)

Entrepreneurship Awareness Camp was inaugurated by Mr. Suresh Umap, State Coordinator, and Maharashtra Centre for Entrepreneurship Development, Pune and Dr. Manohar J. Patil, Principal of institute.

Day 1: 26/09/2017

Session I (9.45 to 11.30 am): Mr. Hemant Bhagwat, State Coordinator, MCED, Pune delivered seminar on "Entrepreneurship as a career choice and Motivation".

Session II (12.00 to 1.30 pm): Mr. Ashok Pattar who is popular trainer in various subjects delivered seminar on "Business Opportunities Guidance".

Session III (2.00 to 3.30 pm): Mr. G. H Tirandaj Faculty, MCED, Pune delivered seminar on "Various Business Steps"

Session IV (3.30 to 4.30 pm): Dr. Rizwan Pinjari delivered seminar on "R&D Technical institute in different sector".

Day 2: 27/09/2017

Session I (10.0 to 11.30 am): Mrs. Padmavati Shivgunde, Psychologist, delivered motivational seminar.

Session II (11.30 to 1.00 pm): Mr. Sunil Shete, Ex In-charge- District industry centre, Maharashtra delivered seminar on "Various scheme of District industry centre"

Session III & IV (1.30 to 4.30 pm): How to start Small Enterprises, Mr. Digambar Suter, M. D. Quality Engineers, Pune

Day 3: 28/09/2017

Session I (10.0 to 11.30 am): Mr. Dileep Yevlekar Faculty, MCED, Pune has delivered seminar on Basic management concepts.

Session II (11.30 to 1.00 pm): Mr. Ashok Pattar Faculty, MCED, Pune, Successful Entrepreneur, shared his experiences with students

Session III (1.30 to 3.00 pm): Mr. Hemant Bhagwat, State Coordinator, MCED, Pune, delivered seminar on "Pharma Marketing Management".



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Session IV (3.00 to 3.30 pm): Mr. Suresh Umap R.O. MCED, Pune explained Forth coming training opportunities from MCED.

At end of programme Dr. Rahul H. Khiste explain glimpses of 3 days' workshop. He presented vote of Thanks and concluded the programme

Day	Session-I 10.00 a.m. to 11.30 a.m.		Session-II 11.30a.m.to1.00p.m.	Session-III 1.30 p.m.to 3.00 p.m.	Session-IV 3.00 p.m. to 4.30 p.m.
	Inauguration				
26.09.2017	Inaugurational speech Mr. Suresh Umap, R.O. MCED, Pune	Entrepreneurship as a career choice and Motivation . By	Business Opportunities Guidance by Mr. Ashok Pattar Faculty, MCED, Pune	Various Business Steps, Project Report, Project financing and documents required, Mr. G. H Tirandaj Faculty, MCED, Pune	R & D Technical institute in different sector by Dr. Rizwan Pinjari
27.09.2017	Motivational Training, Mrs. Padmavati Shivgunde, Psychologist		Various scheme of DIC, About bank information start to business, Mr. Sunil Shete, Faculty, MCED, Pune	How to start Small Enterprises, Mr. Digambar Suter, M. D. Quality Engineers, Pune	How to conduct market survey, Mrs. Tejswini Domase Sawai Faculty, MCED, Pune
28.09.2017	Basic management concepts, Mr. Dileep Yevlekar Faculty, MCED, Pune		Sharing of experiences of successful entrepreneurs, by Mr. Ashok Pattar Faculty, MCED, Pune	Pharma Marketing, Management, speech Mr. Hemant Bhagwat, R.O. MCED, Pune	Personnel Feedback & Valedictory, Forth coming training opportunities from MCED, Mr. Suresh Umap R.O. MCED, Pune



12/9/17
Dr. Rahul H. Khiste
Dean, Training, Placement, III, EDC



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandals
College of Pharmacy
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon (Kalewadi) Pune- 411033

Report on
Entrepreneurship Awareness Camp (EAC)

Prepared by

Dr. Rahul H. Khiste (Dean, Training, Placement, III, E.D.Cell)

Mr. Pramod H. Sakpal (Programme Coordinator)

Programme details

Date of Workshop/Programme: 26th September to 28th September 2017

No of students participated: Student of Third, Final year B Pharm and M Pharm.

Objectives of the program-

- To spread entrepreneurial culture.
- To develop entrepreneurs through systematic training.
- To disseminate information and data regarding entrepreneurship.
- To help industries and institutions in mobilizing human resources with an entrepreneurial approach.
- To create awareness about emerging & future entrepreneurial opportunities and challenges.
- To develop competencies in business internationalization.
- To conduct Organizational Development Programs.




PRINCIPAL
Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

The 3 days Entrepreneurship Awareness Programme (EAC) developed by Maharashtra Centre for Entrepreneurship Development (MCED) was organized at institute on 26th September to 28th September 2017. The strength of students for programme was 124. In this programme 06 experts had delivered 07 lectures/sessions on Entrepreneurship awareness and development. Objective of said workshop was To make Student aware about entrepreneurship as a career choice, To make Student aware about business opportunities, To make Student aware about support system and To present Student few role models in entrepreneurship.

Day 1: 26/09/2017

Entrepreneurship Awareness Camp was inaugurated by Mr. Diwakar Keskar, State Coordinator, Maharashtra Centre for Entrepreneurship Development, Pune and Dr. Manohar J. Patil, Principal of institute.

Session I (9.45 to 10.30 am): Mr. Hemant Bhagwat, State Coordinator, MCED, Pune delivered seminar on "Entrepreneurship as a career choice and Motivation".

Session II (10.30 to 12.00 pm): Mr. Rajendra Fukane, Director Rajendra Chemical delivered motivational seminar.

Session III (12.00 to 1.30 pm): Mr. Ashok Pattar who is popular trainer in various subjects delivered seminar on "Business Opportunities Guidance".

Session IV (2.00 to 3.30 pm): Prof. Mukhedkar delivered seminar on "Various Business Steps"

Session V (3.30 to 4.30 pm): Dr. Rizwan Pinjari delivered seminar on "R&D Technical institute in different sector".


Day 2: 27/09/2017

Session I (10.0 to 11.30 am): Mrs. Padmavati Shivgunde, Psychologist, delivered motivational seminar.

Session II (11.30 to 1.00 pm): Mr. Ashok Khandare, Ex Incharge- District industry centre, Maharashtra delivered seminar on "Various scheme of District industry centre"

Session III & IV (1.30 to 4.30 pm): Dr. R. G. Vaidya, Director- Synergy research, Pune delivered seminar on "How to conduct market survey".




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Day 3: 28/09/2017


Session I (10.0 to 11.30 am): Mr. Kanchan Kulkarni, Sr Manager, ICICI Bank, Mumbai delivered seminar on "About bank information start to business".

Session II (11.30 to 1.00 pm): Mr. M.B. Shinde, Successful Entrepreneur, shared his experiences with students

Session III (1.30 to 3.00 pm): Mr. Hemant Bhagwat, State Coordinator, MCED, Pune, delivered seminar on "Pharma Marketing Management".

Session IV (3.00 to 3.30 pm): Mr. Suresh Umap R.O. MCED, Pune explained Forth coming training opportunities from MCED.


At end of programme Dr. Rahul H. Khiste explain glimpses of 3 days workshop. He presented vote of Thanks and concluded the programme




Dr. Rahul H. Khiste (Dean, Training, Placement, III, E.D.Cell)



Mr. Pramod H. Sakpal (Programme Coordinator)



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 003



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 003



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP DEVELOPMENT, PUNE



Name of the Programme: Entrepreneurship Awareness Camp

Duration : 26.09.2017 To 28.09.2017

Venue : MM College of Pharmacy

Time : 9.30 To 5.00

Participant's Profile

Sr. No.	Name & Place	E-Mail	Mobile No.	Male/Female	Date of Birth	Caste
1)	Vedesh P. Gursav	gursavvedesh@gmail.com	8600958625	Male	26/11/1995	OBC
2)	Kadam Pradeep S	kadampradeep143@gmail.com	227611133	male	19/1/94	open.
3)	Abhishek D. Shewale	abhishekshewale97@gmail.com	9405004729	male	01/07/1996	OBC.
4)	Jagtap Mahesh V.	Jmaheshjagtap36@gmail.com	7350961649	male	10-10-1994	OPEN
5)	Dhas Sharad N.	sharaddhas90@gmail.com	7030401735	male	19-8-96	open
6)	Bhaptkar Nilkanth D	nilkanthbhaptkar902@gmail.com	7040690384	male	14-3-97	open
7)	Kisan G. Muley	kisanmuley110@gmail.com	8499399425	Male	12-9-97	open
8)	Yogesh D. Nevase	Yogeshnevase210@gmail.com	9604097886	M	28/06/96	OBC
9)	Rohit V. Kale	Rohitkale759@gmail.com	7302444439	M	06/10/96	NTC
10)	Aher Sayant A.	ahersa2@outlook.com	9922331980	M	12/08/1995	OBC.
11)	Khemnag Rameshwar R	ramkhemnagar@gmail.com	9922956098	M	14/05/1995	NTC.
12)	Pranjali T. Sonuk	Pranjalisonuk96@gmail.com	7030352178	Female	12/01/1996	NTD
13)	Snehal A. Gaikwad	Gaikwad.snehal291994@gmail.com	9561233482	Female	25/12/1994	SC



[Signature]

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 011



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP DEVELOPMENT, PUNE



Name of the Programme: Entrepreneurship Awareness Camp

Duration : 26.09.2017 To 28.09.2017

Venue : MM College of Pharmacy

Time : 9.30 To 5.00

Participant's Profile

Sr. No.	Name & Place	E-Mail	Mobile No.	Male/ Female	Date of Birth	Caste
14	Bhagyashri S Dhakne	dyapskhade@gmail.com	9545759308	F	15/10/1994	NT-D
15	Sayali R. Sathe	sathe.sayali7113@gmail.com	9861856973	F	7/4/1998	OPEN
16	Mayuri Rathod	mayurathod@gmail.com	3763386966	F	19/12/1997	VJ/NT
17	Supriya Shweling kumbhar	kumbhar.supriya912@gmail.com	9922490416	F	16-09-96	Open
18	Nivedita P. Sutar	niveditasutar23@gmail.com	8856026228	Female	20 th May 1995	OBC
19	Bhosale Priyanka Pravin	priyanka.bhosale90@gmail.com	9503994876	F	17 th Aug 1995	Open..
20	Komal B. Tupekar	Komal.Tupekar@gmail.com	9923067615	F	26 th Aug 1994	OBC
21	Kirtimola R. Falak	KRFalak7@gmail.com	9750979953	F	11/02/1995	OBC
22	Rekha G. Adhol	rkadhol@gmail.com	9561474298	Female	7/04/1996	SC
23	Komal Asthot chinchawade	komalchinchawade52@gmail.com	8446585445	Female	15/03/1997	OPEN
24	Smriti Madhwar Bhargade	smritibhargade302@gmail.com	8796577153	F	07/01/1997	OPEN
25	Arayati Rajendra Karmawad	arayati90914@gmail.com	9139731973	Female	10/09/1997	OPEN
26	Pooja L. Khatoge	Poojakhatoge@gmail.com	9028929396	F	4/5/1996	ST




PRINCIPAL
Marathwada Mitra Mandar's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 03



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP DEVELOPMENT, PUNE

Name of the Programme: Entrepreneurship Awareness Camp

Duration : 26.09.2017 To 28.09.2017

Venue : MM College of Pharmacy

Time :9.30 To 5.00

Participant's Profile

Sr. No.	Name & Place	E-Mail	Mobile No.	Male/ Female	Date of Birth	Caste
27.	Chilare Chaitika Ananda	chaitika@mmcollegeofpharmacy.com	9100227507	F	21-3-1993	Open
28.	Jewale Gopati Kailas	gopati1997@gmail.com	9921265224	F	19-05-1997	OBC
29.	Rhosale Kamal Dilip	kmbhosale@gmail.com	9722092639	F	01-10-1996	Open
30.	Vasudha Vasant Dhepe	vasudhadhepe1997@gmail.com	8698974726	F	17-3-1997	Open
31.	Nikeeta Siddhan Wadavara	nikeewadavara08397@gmail.com	7507631021	F	8-3-1997	SC
32.	Patil Shrutika Ramachandra	Patilshrutika39@gmail.com	9130487224	F	24-06-1996	Open
33.	Saravade Namathee B.	Saravadebhanathee@gmail.com	8055861500	F	09-08-1996	SC
34.	Arnavita Prabhakar Patil	prabhakarar@mmcollegeofpharmacy.com	888667029	F	22/7/1996	ST
35.	Rafeshmi Devanand Sutar	rafeshmisutar2017@gmail.com	7768806922	F	24/12/1997	OBC
36.	Dipti Ashok Chole	diptichole2017@gmail.com	9923807699	F	15/10/1996	NTD
37.	Varsha Manohar Shinde	shindev2828@gmail.com	9527547712	F	23/4/1998	Open
38.	Mayuri Dilip Pawar	mayuripawar0860@gmail.com	9527543279	F	23/1/1998	SC
39.	Pragati Ganpat Garigote	pragatikudile2515@gmail.com	9100228286	F	15/10/1993	Open




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP DEVELOPMENT, PUNE



Name of the Programme: Entrepreneurship Awareness Camp

Duration : 26.09.2017 To 28.09.2017

Venue : MM College of Pharmacy

Time :9.30 To 5.00

Participant's Profile

Sr. No.	Name & Place	E-Mail	Mobile No.	Male/ Female	Date of Birth	Caste
40	Priyanka Rajendra Bhule	priyankabhule7191@gmail.com	9379736601	F	5/1/1996	NTC
41	Prachi Arun Kadam	prachi1736@gmail.com	7945041450	F	19/10/1996	Open
42	Mayuri Sharad Shinde	mayurisshinde91@gmail.com	9021225895	F	30/05/1997	Open
43	Shraddha Uday Shinde	shraddheshinde225@gmail.com	735005695	F	25/9/1996	Open
44	Shinde Kamal Mahadev	shindekamal352@gmail.com	8237028582	F	02/02/1997	OBC
45	Priyanka Prakash Bhole	pbhole1199@gmail.com	9822046978	F	28/5/1997	SC
46	Nikita Kalyan Dake	nikitadake1211@gmail.com	9552462954	F	12/11/1997	Open
47	Swapnali Dattatray Gadgil	Swapnaligadgil4731@gmail.com	9561796307	F	29/03/1998	Open
48	Pratishtha Parmodkars Dake	pratishtha.dake1292@gmail.com	7722076863	F	12/01/1998	Open
49	Monika Dattatray Bhapkar	monikabhapkar729@gmail.com	8308310171	F	07/02/1997	Open
50	Nikita Sanjay Bhasale	nikitabhasale9623@gmail.com	8149984270	F	22/04/1998	Open
51	Sushma Kisan Anarase	anarasesushma@gmail.com	9767033096	F	20/03/1998	OBC
52	Diksha Tatparom Gore	gorediksha98@gmail.com	9765685322	F	11/1/1998	OBC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergon (Kalewadi), Pune-411 033



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP DEVELOPMENT, PUNE

Name of the Programme: Entrepreneurship Awareness Camp

Duration : 26.09.2017 To 28.09.2017

Venue : MM College of Pharmacy

Time :9.30 To 5.00

Participant's Profile

Sr. No.	Name & Place	E-Mail	Mobile No.	Male/Female	Date of Birth	Caste
53	Akanksha Yoyesh Haboo.	Yoyitahaboo36@gmail.com	9422386301	Female	10/1/1998	SBC.
54	Senali Subhash Kadam	Kadamsona21@gmail.com	9766349319	Female	26/12/1997	Open
55	Prachi Ashokrao Halburge	halburgeprachi@gmail.com	8180930787	Female	11/08/1995	SC
56	Jyoti Narayan Yedav	JyotiYedav2015@gmail.com	8446929136	Female	05/01/1996	Open.
57	Yelne Ankita Ghanshyam	yelneankitag11@gmail.com	8485865232	Female	01-01-1995	OBC
58	Aishwarya Sandeep Ambekar	ambekaraiswarya11@gmail.com	7029100284	Female	18-04-1995	OBC
59	Komal C. Mehtre	komalmehtre22@gmail.com	7350882621	Female	7-12-1993	OBC
60	snchal uttam Kashid	snchalkashid123@gmail.com	9834787448	female	12-3-1996	Open
61	Rasika Narasahab Tikekar	rasikatikekar25@gmail.com	7276058225	Female	25/11/1996 19/11/1996	OBC.
62	Haliha Khushbid Vismari	halihavismari10@gmail.com	8625918241	Female	10-7-1997	Open.
63	Lavant Manoj Phikaji	lavantphikaji11@gmail.com	9764199402	Female	23-5-1997	Open
64	Diksha Shashikant Sathur	sathurshashikant@gmail.com	9881203899	Female	08-10-1997	SC
65	Patekar Chandani (Pimpri)	Patekar.chandani10@gmail.com	7040460807	female	14/01/1997	SC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergon (Kalewadi), Pune-411 033



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP DEVELOPMENT, PUNE

Name of the Programme: Entrepreneurship Awareness Camp

Duration : 26.09.2017 To 28.09.2017

Venue : MM College of Pharmacy

Time :9.30 To 5.00

Participant's Profile

Sr. No.	Name & Place	E-Mail	Mobile No.	Male/ Female	Date of Birth	Caste
66	Priya Ankush Navasare	Prayanavasare273@gmail.com	9552484689	Female	27/03/1995	open
67	Aishwarya Shashikant Panbude	aishwaryajp1528@gmail.com	9956892488	Female	13/10/1995	open
68	Harish Mahantaji Chaudhary	harishc993@gmail.com	9762427102	Male	02/03/1996	open
69	Ketash Bheemaram Chaudhary	ketashchoudhary@gmail.com	9262680064	Male	29/06/1995	open
70	Seemendra Divakarappa Chaudhary	seemendradivakar@gmail.com	9817171221	Male	21/05/1997	open
71	Ramesh Sureshram Chaudhary	rameshchoudhary270@gmail.com	8806702664	Male	13/12/1995	open
72	Ganurajts Nagareth Salgar	ganurajts123@gmail.com	9637770026	Male	11/11/1996	open
73	Aniket Balasaheb Pote	aniketpote54@gmail.com	8688326365	Male	29/03/1997	SC
74	Akshay Baliram Bhad	akshaybhad604@gmail.com	9922464378	Male	28/04/1997	open
75	Shubham Rajendra Musale	shubham.musale109@gmail.com	9605996595	Male	3/02/1997	OBC
76	Gudewar Chetan B.	chetangudewar4@gmail.com	9780077530	Male	06/07/1998	OBC
77	Rupesh Ramrao Salunke	Rupesh5355@gmail.com	9665030870	Male	19/04/1996	open
78	Shakymuni Kuldip Marik	kuldipshakymuni1976@gmail.com	7058574228	Male	02/06/1997	SC



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP DEVELOPMENT, PUNE



Name of the Programme: Entrepreneurship Awareness Camp

Duration : 26.09.2017 To 28.09.2017

Venue : MM College of Pharmacy

Time : 9.30 To 5.00

Participant's Profile

Sr. No.	Name & Place	E-Mail	Mobile No.	Male/ Female	Date of Birth	Caste
79	Sabale Nitin Sapan	sabalenuitin969@gmail	8390939329	male	05/10/1996	Open.
80	Biradar Avinash Chandrakant	abiradar1998@gmail.com	7352179591	male	15/01/1994	open
81	Chavan Akshay Dayaram	addpakshachavan@gmail.com	9561731204	male	12/11/1993	NT(A)
82	Kharate Shailash Datta	shailashkharate1998@gmail.com	8552802196	male	27/7/1996	CBK
83	Dhiraj R. R. Nadrewar	dhirajr.nadrewar3@gmail.com	879523666	male	01/6/1997	Open
84	Gonakrath B. Mokashe	gonakrathmokashe8@gmail.com	8605288088	male	25/07/1997	NTCB)
85	Nagnath M. Mane	nagnathmane343@gmail.com	9693640373	male	14/4/1998	NT(C)
86	Jagtap Mayur M.	Jagtapmm80@gmail.com	8380848280	male	24-6-1996	Open
87	Suraj Ramesh Bolbhadre	bolbhadresuraj@gmail.com	8975695969	male	25/8/1995	Open
88	Prashant Prabhakar Khonde	Prashantpkhonde510@gmail.com	7743829779	male	25/12/1993	Open
89	Aniket Sanjay Nikam	aniketnikam09@gmail.com	8092000859	Male	19/10/1996	Open
90	Jcetendra A Choudhary	jcetendra1731@gmail.com	9817171721	Male	31/05/1997	OPEN.
91	Gholave Vishal Laxman	vishalgholave14@gmail.com	9603448600	Male	25-10-1994	NT-D



[Signature]
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Student Internship

Academic Year-2017-18

**Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033**

List Students Completed Industry Training In Academic Year-2017-18

Sr. No.	Name of the collaborating agency with contact details	Name of the participant	Duration of the activity	
			From	To
1	District Hospital Aundh Pune csstoreaundh@yahoo.com 020-29700041, 29700071	Mr. Holkar Shekar S.	10/07/2017	10/08/2017
2	Serum Institute of India Pvt. Ltd. Pune Contact:- hr@seruminstitute.com Tel:- 020-26993900	Mr. Bodake Parmeshvar P.	17/07/2017	22/07/2017
3	Serum Institute of India Pvt. Ltd. Pune Contact:- hr@seruminstitute.com Tel:- 020-26993900	Ms. Badhe Amruta	24/07/2017	29/07/2017
4	Haffkine Bio- Pharmaceutical Corp. Ltd. Contact:- 020 27422206 info@vaccinehaffkine.com	Ms. Shinde Seema S.	18/06/2017	18/07/2017
5	Haffkine Bio- Pharmaceutical Corp. Ltd. Contact:- 020 27422206 info@vaccinehaffkine.com	Ms. Galkwad Ketaki A.	18/06/2017	18/07/2017
6	Haffkine Bio- Pharmaceutical Corp. Ltd. Contact:- 020 27422206 info@vaccinehaffkine.com	Ms. Pansare Priyanka R.	18/06/2017	18/07/2017
7	Haffkine Bio- Pharmaceutical Corp. Ltd. Contact:- 020 27422206 info@vaccinehaffkine.com	Ms. Sable Jyoti B.	18/06/2017	18/07/2017
8	Haffkine Bio- Pharmaceutical Corp. Ltd. Contact:- 020 27422206 info@vaccinehaffkine.com	Ms. Waghmode Priyanka B.	18/06/2017	18/07/2017
9	Everest Pharma. Pune Contact:- 020 24690412 everestayurved@gmail.com	Ms. Didbhai Pranjali M.	01/07/2017	31/07/2017
10	Everest Pharma. Pune Contact:- 020 24690412 everestayurved@gmail.com	Ms. Dalvi Rakhi R.	01/07/2017	31/07/2017
11	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130346	Ms. Adbol Rekha G.	01/06/2017	30/06/2017
12	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130347	Ms. Saravade Dhanshree V.	01/06/2017	30/06/2017



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Handwritten text, possibly a return address or recipient information, located in the bottom left corner. The text is mostly illegible due to fading and bleed-through.

13	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130348	Ms. Bhole Priyanka P.	01/06/2017	30/06/2017
14	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130349	Ms. Shinde Komal M.	01/06/2017	30/06/2017
15	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130350	Ms. Kadam Prachi A.	01/06/2017	30/06/2017
16	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130351	Ms. Wadavrao Nikeeta S.	01/06/2017	30/06/2017
17	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130346	Ms. Karekar Simran P.	01/06/2017	30/06/2017
18	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130347	Ms. Sayambeer Pratibha S.	01/06/2017	30/06/2017
19	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- contactus@nulifepharma.com Tel:- 02027130348	Ms. Telang Sharadha M.	01/06/2017	30/06/2017
20	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Mr. Chaudhari Jitendra A.	01/06/2017	30/06/2017
21	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Mr. Dixit Abhishekh S.	01/06/2017	30/06/2017
22	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Mr. Chaudhari Harish M.	01/06/2017	30/06/2017
23	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Mr. Shinde Kedar S.	01/07/2017	30/07/2017
24	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Tilekar Rasika N.	01/07/2017	30/07/2017
25	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Usmani Hasiba K.	01/07/2017	30/07/2017
26	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Dhepe Vasuda V.	01/06/2017	30/06/2017
27	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Sawant Pooja B.	01/06/2017	30/06/2017



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

28	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Bebale Neha S.	01/06/2017	30/06/2017
29	Emcure Pharmaceutical Ltd. Contact- corporate@emcure.co.in Tel:- 02030610000	Ms. Jawale Gayatri K.	01/06/2017	30/06/2017
30	Bora Pharma Pvt. Ltd Ahmednagar Contact: bppl_anr@dataone.in,02412418102	Ms. Kharat Mohini B.	06/06/2017	05/07/2017
31	Bora Pharma Pvt. Ltd Ahmednagar Contact: bppl_anr@dataone.in,02412418103	Mr. Shewale Abhishek D.	01/06/2017	30/06/2017
32	Cipla Ltd. Patalganga, Dist. Raigad Contact: contactus@cipla.com Tel:-02192 660900, 660400	Ms. Tambe Pranita S.	12/06/2017	11/07/2017
33	Cipla Ltd. Patalganga, Dist. Raigad Contact: contactus@cipla.com Tel:-02192 660900, 660400	Mr. Kamble Ankur A.	12/06/2017	11/07/2017
34	Hindustan Antibiotics Ltd. Pune Contact:- 020 27425411 Contact- mdhapune@vsnl.com	Ms. Mehata Dimple D.	20/06/2017	19/07/2017
35	Hindustan Antibiotics Ltd. Pune Contact:- 020 27425411 Contact- mdhapune@vsnl.com	Ms. Kadam Kajal G.	01/06/2017	30/06/2017
36	Hindustan Antibiotics Ltd. Pune Contact:- 020 27425411 Contact- mdhapune@vsnl.com	Ms. Barane Namita S.	01/06/2017	30/06/2017

Drh
Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



Manohar J. Patil
Dr. Manohar J. Patil
(Principal)
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 933



Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 933

जिल्हा रुग्णालय, पुणे.



(महाराष्ट्र शासन)



दुरध्वनी क्रमांक
०२०-२९७०००४१ (का)
०२०-२९७०००७१ (क)

जिल्हा शल्य चिकित्सक, जिल्हा रुग्णालय
पुणे औध छावणी पुणे-४११ ०२७.
फॅक्स क्रमांक : ०२० - २७२८६४५८
ई-मेल :

csstoreaundh@yahoo.com

जिरपु/औ भां/ 12.1/१७

दिनांक ०१/०९/१७

SERVICE CERTIFICATE

Name of the student :- Mr.Holkar Shekhar Sanjay.

Name of the college attended:- MMCOP, Kalewadi ,Pune.

Name of the course:- Bachelor of Pharmacy.

Duration of in-plant training:- One Month.

Training Period:- 10/07/2017 to 10/08/2017.

Type of Work:- Dispensing of Allopathy , Homeopathy & Ayurvedic
medicine to Pateint.

Conduct during training:- Good.

For,

औषध निर्वाह अधिकारी
जिल्हा रुग्णालय, औध, पुणे-२७

CHIEF PHARMACY OFFICER
DISTRICT HOSPITAL ,AUNDH, PUNE



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



SERUM INSTITUTE OF INDIA PVT. LTD.

(FORMERLY KNOWN AS SERUM INSTITUTE OF INDIA LTD.)

Cyrus Poonawalla Group

REGD. OFFICE AND LABORATORIES : 212/2, HADAPSAR, PUNE - 411028, INDIA. ■ www.seruminstitute.com
Tel.: +91-20-2699 3900 / 04 ■ Fax: +91-20-2699 3921 ■ CIN - U80903PN1984PTC032945

22.07.2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Prameshwar P Bodke** has undergone training in our institute from 17.07.2017 to 22.07.2017.

During this period, he has been explained the techniques in our Bacterial Vaccines Production and Quality Control Department.

For Serum Institute of India Pvt. Ltd.,

Ashok Kuvalekar

Ashok Kuvalekar
Manager - Pers. & Admn.



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। ॐ नमो भगवते वासुदेवाय ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP

Renewing Health & Happiness

Shri. Shivajirao D. Gauage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Examinations (NBE)

Ref: MM / COP / T&P/Training Letter / 2017 / 219

Date: 05/07/2017

To,
Administrator,
District Government Hospital Pune,
District Hospital Campus, Aundh Camp,
Chest Hospital, Pune, Maharashtra.-411001

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

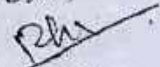
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Swapnil A. Kadam	Final Year B. Pharm
2	Mr. Parmeshwar P. Bodake	Final Year B. Pharm
3	Mr. Sanjay S. Maurya	Final Year B. Pharm
4	Ms. Karishma M. Attar	Final Year B. Pharm
5	Ms. Ashwini D. Chopade	Final Year B. Pharm
6	Ms. Namita S. Barane	Final Year B. Pharm

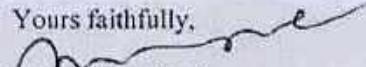
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



Yours faithfully,



Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। येने वसुधै कवि ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Enriching Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Approved & Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2017 / 199

Date: 10/07/2017

To,
HR Manager,
Serum Institute of India Pvt. Ltd.
212/2, Hadapsar, Off Soli Poonawalla Road,
Pune 411028

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

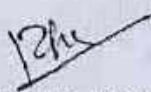
As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Amruta R. Badhe	Final Year B. Pharm

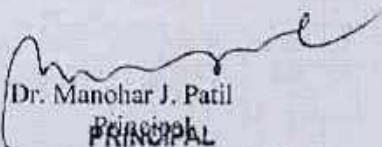
After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours faithfully,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell





Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



SERUM INSTITUTE OF INDIA PVT. LTD.

(FORMERLY KNOWN AS SERUM INSTITUTE OF INDIA LTD.)

Cyrus Poonawalla Group

REGD. OFFICE AND LABORATORIES : 212/2, HADAPSAR, PUNE - 411028, INDIA. ■ www.seruminstitute.com
Tel.: +91-20-2699 3900 / 04 ■ Fax: +91-20-2699 3921 ■ CIN - U80903PN1984PTC032945

29.07.2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Amruta R Badhe** has undergone training in our institute from 24.07.2017 to 29.07.2017.

During this period, she has been explained the techniques in our Bacterial Vaccines Production and Quality Control Department.

For Serum Institute of India Pvt. Ltd.,

Ashok Kuvalekar
Manager – Pers. & Admn.



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exe. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / 2016/

Date: 23/11/2016

To,
Halkare Bio-Pharmaceutical Corporation Limited,
Pimpri, Pune - 411018

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm and the college has started PG courses i.e. M. Pharm in Pharmaceutics and M. Pharm in Pharmacognosy (2010) and M.Pharm in Quality Assurance Techniques (2011).

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment

Sr. No.	Name of Student	Signature
1.	Jyoti B. Sable	<i>Jyoti Sable</i>
2.	Seema S. Shinde	<i>Seema Shinde</i>
3.	Priyanka R. Pansare	<i>Priyanka Pansare</i>
4.	Priyanka B. Waghmode	<i>Priyanka Waghmode</i>
5.	Ketki A. Gaikwad	<i>Ketki Gaikwad</i>
6.	Shekhar S. Holkar	<i>Shekhar Holkar</i>
7.	Nitin Kumar M. Sarkate	<i>Nitin Sarkate</i>

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Yours,

Prasad Kulkarni

Training & Placement Officer



Dr. Manohar J. Patil
Dr. Manohar J. Patil
Principal

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)

Ph. No. (020) 27273993 / 64100841 Fax No. (020) 27273993

E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Haffkine Bio-Pharmaceutical Corporation Ltd.

[A Govt. Of Maharashtra undertaking]
PIMPRI, PUNE - 411 018. PHONE (020) 27422206, 27421945. FAX (020) 27420009

Regd Office - Acharya Dande Marg, Parel, Mumbai - 400 012 (INDIA)

Phones : 24129320-23 PLR : 24147564 MKT : 24146419 GRAM : HAFFKINE Mumbai - 400 012. TELEX : 11-7-1427 HBPC IN FAX : 24129320

No. ATS/411

Date: 18th July, 2017

CERTIFICATE

This is to certify that Ms.Sable Jyoti Baban, student of Marathwada Mitra Mandal College of Pharmacy, Thergaon Pune, has successfully completed her one month industrial training from 18th June 2017 to 18th July 2017 at Haffkine Biopharmaceutical Corporation Ltd., Pimpri, Pune - 411018.

She has performed satisfactorily. I wish her best of luck for future endeavors.




Dr. S. K. Gade
Manager


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Haffkine Bio-Pharmaceutical Corporation Ltd.

(A Govt. Of Maharashtra undertaking)
PIMPRI, PUNE - 411 018. PHONE (020) 27422203, 27421945. FAX: (020) 27420309

Regd Office - Acharya Donda Marg, Parel, Mumbai - 400 012 (INDIA)
Phones: 24129320-23 PUR: 24147564 MRT: 24146419 GRAM: HAFFKINE, Mumbai - 400 012. TELEX: 11-7-1477-HEPC INLAX 24169576

No. ATS/407

Date: 18th July 2017

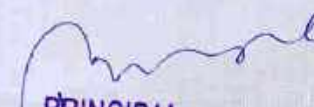
CERTIFICATE

This is to certify that Ms. Shinde Seema Sudam, student of Marathwada Mitra Mandal College of Pharmacy, Thergaon Pune, has successfully completed her one month industrial training from 18th June 2017 to 18th July, 2017 at Haffkine Biopharmaceutical Corporation Ltd., Pimpri, Pune - 411018.

She has performed satisfactorily. I wish her best of luck to future endeavors.




Dr. S. K. Gade
Manager


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Haffkine Bio-Pharmaceutical Corporation Ltd.

(A Govt. Of Maharashtra undertaking)

PIMPRI, PUNE - 411 018. PHONE (020) 27422206, 27421945. FAX (020) 27420209.

Regd Office : Acharya Danda Marg, Park, Mumbai - 400 012. (INDIA)

Phones : 24129320-23 PUR. 24147564 MKT : 24146419 GRAM : HAFFKINE Mumbai - 400 012. TELEX : 11-7-1427 HBPC IN FAX : 24146074

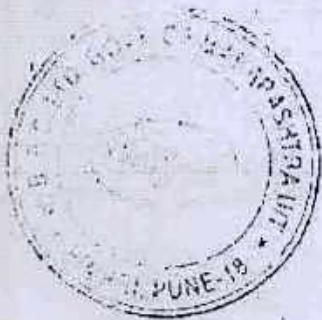
No. ATS/408

Date: 18th July, 2017

CERTIFICATE

This is to certify that Ms. Pansare Priyanka Raghunath, student of Marathwada Mitra Mandal College of Pharmacy, Thergaon Pune, has successfully completed her one month industrial training from 18th June 2017 to 18th July, 2017 at Haffkine Biopharmaceutical Corporation Ltd., Pimpri, Pune - 411018.

She has performed satisfactorily. I wish her best of luck for future endeavors.



Dr. S. K. Gade
Manager


PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Haffkine Bio-Pharmaceutical Corporation Ltd.

(A Govt. Of Maharashtra Undertaking)

PIMPRI, PUNE - 411 018 PHONE (020) 27422206, 27421945, FAX: (020) 27420209

Regd Office : Acharya Donda Marg, Parel, Mumbai - 400 012 (INDIA)

Phones : 24129320-23 PUR : 24147564 MKT : 24146419 GRAM : HAFFKINE Mumbai - 400 012, TELEX : 11-7-1427 HEPG-IN FAX : 24188676

No. ATS/4109

Date: 18th July, 2017

CERTIFICATE

This is to certify that Ms. Waghmode Priyanka Bhiva, student of Marathwada Mitra Mandal College of Pharmacy, Thergaon Pune, has successfully completed her one month industrial training from 18th June 2017 to 18th July, 2017 at Haffkine Biopharmaceutical Corporation Ltd., Pimpri, Pune - 411018.

She has performed satisfactorily. I wish her best of luck for future endeavors.



S. K. Gade
Dr. S. K. Gade
Manager

[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Haffkine Biopharmaceutical
Corporation Ltd.

(A Govt. Of Maharashtra undertaking)

PIMPRI, PUNE - 411 018. PHONE (020) 27422206, 27421945. FAX (020) 27420209

Regd Office - Acharya Danda Marg, Pore, Mumbai - 400 012. (INDIA)

Phones: 24129320-23 PUR. 24147564 MKT. 24146419 GRAMT. HAFKINE Mumbai - 1061012. TELEX: 11-7-1427 HBPC IN FAX: 21166379

No. ATS/416

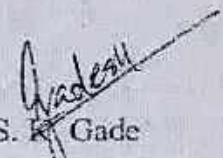
Date: 18th July. 2017


CERTIFICATE

This is to certify that Ms. Gaikwad Ketki Arunkumar, student of Marathwada Mitra Mandal College of Pharmacy, Thergaon Pune, has successfully completed her one month industrial training from 18th June 2017 to 18th July. 2017 at Haffkine Biopharmaceutical Corporation Ltd., Pimpri, Pune - 411018.

She has performed satisfactorily. I wish her best of luck for future endeavors.




Dr. S. K. Gade
Manager


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Approved by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2017 / 198

Date: 20/06/2017

To,
HR Manager,
Everest Pharma,
Unity Industrial Estate,
S. No. 30/14, Narhe - Dhayari Road, A.P. Dhayari, Near Pari Company,
Tal. - Haveli, Dist. - Pune 411 041.

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

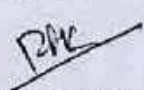
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Rakhi R. Dalvi	Final Year B. Pharm
2	Ms. Pranjali M. Didbhai	Final Year B. Pharm

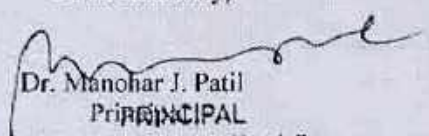
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



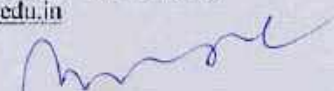
Yours faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mncopharm@yahoo.co.in Website : www.mncop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

EVEREST PHARMA

Manufacturers of Ayurvedic Medicines.

S.No 30/14 Unit No. 3,4,13 & 14 Narhe-Dhayari Road

A.P. Dhayari, Tal – Haveli, Dist.: Pune 411041. 020-24690412 / 9373058462

Ref: EP/ 619 /2017-18

Date: 31/07/2017

To,
The Principal
Marathwada Mitra Mandal's
College of Pharmacy
Sr. no.4/17, Sector no. 34,
Pentda, off Kalewadi Phatta
Pimpri Road, Thergaon,
(Kalewadi), Pune-411033.

Subject: Completion of Industrial Training.

Mr. /Ms. PRANJALI MUKUND DIDBHAJ

This is to certify that Mr. /Ms. **Pranjali Mukund Didbhai**, student of Marathwada Mitra Mandal's College of Pharmacy, Pune, undergone & completed the industrial training from 01 Jul.2017. To 31 Jul. 2017.

We wish him / her best of luck for his / her future.

Yours faithfully,
For EVEREST PHARMA




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

EVEREST PHARMA

Manufacturers of Ayurvedic Medicines.

S.No 30/14 Unit No. 3,4,13 & 14 Narhe-Dhayari Road

A.P. Dhayari, Tal – Haveli, Dist.: Pune 411041. 020-24690412 / 9373058462

Ref: EP/ 620 /2017-18

Date: 31/07/2017

To,
The Principal
Marathwada Mitra Mandal's
College of Pharmacy
Sr. no.4/17, Sector no. 34,
Pcntda, off Kalewadi Phatta
Pimpri Road, Thergaon,
(Kalewadi), Pune-411033.

Subject: Completion of Industrial Training.

Mr. /Ms. RAKHI RAMDAS DALVI


This is to certify that Mr. /Ms. **Rakhi Ramdas Dalvi**, student of Marathwada Mitra Mandal's College of Pharmacy, Pune, undergone & completed the industrial training from 01 Jul.2017. To 31 Jul. 2017.

We wish him / her best of luck for his / her future.

Yours faithfully,
For EVEREST PHARMA


Authorized Signatory




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B.Pharm. Approved by National Board of Accreditation (NBA)

Ref: MM / COP / T&P / Training Letter / 2017 / 188

Date: 07/06/2017

To,
HR Manager,
Nulife Pharmaceuticals,
Plot No 63, F2 Block, MIDC, Bhosari Industrial Estate,
Pimpri, Pune, Maharashtra 411018
Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Simaran P. Karekar	Third Year B. Pharm
2	Ms. Diksha S. Sathe	Third Year B. Pharm
3	Ms. Rekha G. Adbol	Third Year B. Pharm

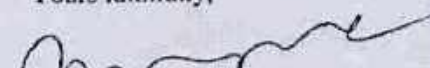
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



Yours faithfully,



Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcof.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharmacy Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2017 / 88

Date: 27/03/2017

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

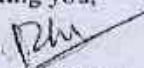
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Komal M. Shinde	Third Year B. Pharm
2	Ms. Prachi A. Kadam	Third Year B. Pharm
3	Mr. Abhishek S. Dixit	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully,


Dr. Manohar J. Patil

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

July 18, 2017

IN -PLANT TRAINING CERTIFICATE

Name of the Student : Mr. Abhishek S. Dixit

Name of the College Attended : Marathwada Mitra Mandal's College of Pharmacy,
Kalewadi, Pune- 411033.

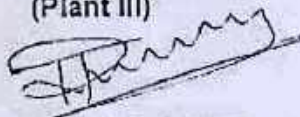
Name of the Course : Bachelor of Pharmacy

Duration of In-plant Training : 01 Month

Training Period : 01 June 2017 to 30 June 2017

Conduct during Training : Good

For Emcure Pharmaceuticals Ltd
(Plant III)



Ramesh Taware
Sr. Manager- HR



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune - 411 057 (India)

Phone Nos. : +91 20 - 30821300, Fax No. : +91 20 - 30821340

Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411026

Phone Nos. : 91 - 20 - 30810090, 27120084, Fax No., 91 - 20 - 30810111

E-mail : corporate@emcure.co.in, www.emcure.co.in

CIN : U24231PN1981PLC024251



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Approved by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2017 / 79

Date: 21/03/2017

To,
HR Manager,
Emcure Pharmaceuticals Ltd.,
Plot-P-II, IT-BT Park, MIDC, Hinjwadi, Pune 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Chaudhary Harish M.	Third Year B. Pharm
2	Mr. Choudhary Jeetendra A.	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

July 18, 2017

IN-PLANT TRAINING CERTIFICATE

Name of the Student : Mr. Harish M. Choudhary

Name of the College Attended : Marathwada Mitramandal's College of Pharmacy,
Kalewadi, Pune- 411033.

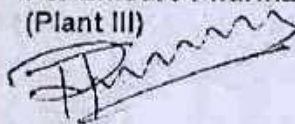
Name of the Course : Bachelor of Pharmacy

Duration of In-plant Training : 01 Month

Training Period : 01 June 2017 to 30 June 2017

Conduct during Training : Good

For Emcure Pharmaceuticals Ltd
(Plant III)



Ramesh Taware
Sr. Manager- HR



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. - P-2, I. T. - B. T. Park - Phase II, MID.C., Kalewadi, Pune - 411 037 (India)

Phone Nos. : 91 20 - 33821200, Fax No. : 91 20 - 33821101

Registered Office : Emcure House, T-184 MID.C., Bhosari, Pune - 411026

Phone Nos. : 91 - 20 - 33810006, 271-0084, Fax No : 91 - 20 - 33810114

E-mail : corporate@emcure.co.in - www.emcure.co.in

CIN : U24231PW081960004251

July 18, 2017

IN-PLANT TRAINING CERTIFICATE

Name of the Student : Mr. Jeetendra A. Choudhary

Name of the College Attended : Marathwada Mitramandal's College of Pharmacy,
Kalewadi, Pune- 411033.

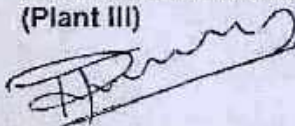
Name of the Course : Bachelor of Pharmacy

Duration of In-plant Training : 01 Month

Training Period : 01 June 2017 to 30 June 2017

Conduct during Training : Good

For Emcure Pharmaceuticals Ltd
(Plant III)



Ramesh Taware
Sr. Manager- HR



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division - Plant III

Plot No. - P-2, I, T- B, T. Park - Phase II, M.I.D.C., Hinjwadi, Pune - 411 007 (India)

Phone Nos. : 91-20-3061000, 3061001, 3061002, 3061003, 3061004

Registered Office : Emcure House, T-124, M.I.D.C., Beasari, Pune - 411026

Phone Nos. : 91-20-3061000, 3061001, 3061002, 3061003, 3061004

E-mail : corporate@emcure.co.in, www.emcure.co.in

CIN : 172423IT911961950024251



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T&P / Training Letter / 2017 / 227

Date: 14/07/2017

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

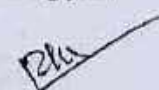
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Mr. Kedar S. Shinde	Final Year B. Pharm

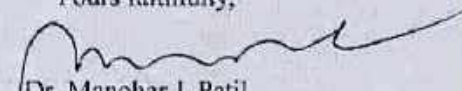
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Training & Placement Officer



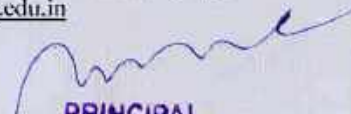
Yours faithfully,


Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



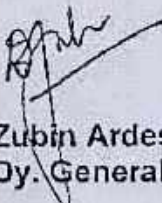

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

31.08.2017


IN – PLANT TRAINING CERTIFICATE

Name of the Student : - Mr. Kedar Sunil Shinde
Name of the College Attended : - Marathwada Mitra Mandal's College of Pharmacy, Kalewadi.
Name of the Course : - Bachelor of Pharmacy
Duration of In – Plant Training : - 1 Month
Training Period : - July 2017
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeskar
Dy. General Manager- HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EDU - Division

Plot No. : P - 2, T - B, T. Park - Phase II, M.I.D.C., Hinjewadi, Pune - 411 057 (India)
Phone Nos. : + 91 20 - 33621000 Fax No. : + 91 20 - 33621444, 33621345
Registered Office : Emcure House, T-104, M.I.D.C., Shreeji, Pune - 411 020.
Phone Nos. : + 91 20 - 33610000, 27122266, Fax No. : 91 20 - 33610111
E-mail : corporate@emcure.co.in, www.emcure.co.in
GKN : U24231PN1861FLC024251



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / T&P / Training Letter / 2017 / 131

Date: 07/06/2017

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Rasika N. Tilekar	Third Year B. Pharm
2	Ms. Hasiba K. Usmani	Third Year B. Pharm

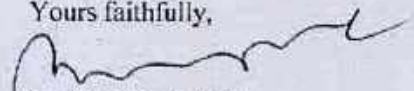
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training, Placement, III & EDC




Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


Emcure

24.08.2017


IN – PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Rasika Nanasaheb Tilekar
Name of the College Attended : - Marathwada Mitra Mandal's College of
Pharmacy, Kalewadi.
Name of the Course : - Bachelor of Pharmacy
Duration of In – Plant Training : - 1 Month
Training Period : - July 2017
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeskar
Dy. General Manager- HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinwadi, Pune -411 057 (India)
Phone Nos. : + 91 20 - 39821300 Fax No. : + 91 20 - 39821444, 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411 026.
Phone Nos. : + 91 20 - 30610000, 37120081 Fax No. : + 91 20 - 30610111
E-mail : corporate@emcure.com, www.emcure.com

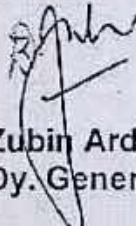
Emcure

24.08.2017


IN – PLANT TRAINING CERTIFICATE

Name of the Student :- Ms. Hasiba Khurshid Usmani
Name of the College Attended :- Marathwada Mitra Mandal's College of
Pharmacy, Kalewadi.
Name of the Course :- Bachelor of Pharmacy
Duration of In – Plant Training :- 1 Month
Training Period :- July 2017
Conduct during Training :- Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeskar
Dy. General Manager- HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune -411 057 (India)
Phone Nos. : + 91 20 - 39821300 Fax No. : + 91 20 - 39821444, 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411 026.
Phone Nos. : + 91 20 - 30810000, 20120054 Fax No. : 91 20 - 30810111
E-mail : corporate@emcure.co.in ; www.emcure.co.in
CIN : U24231PN361PLGN24251



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Approved by National Board of Accreditation (NBA)

Ref: MM / COP / T&P / Training Letter / 2017 / 80

Date: 21/03/2017

To,
HR Manager,
Emcure Pharmaceuticals Ltd.,
Plot-P-II, IT-BT Park, MIDC, Hinjwadi, Pune 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Sawant Pooja B.	Third Year B. Pharm
2	Ms. Dhepe Vasudha V.	Third Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Training & Placement Officer



Yours faithfully,

Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



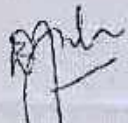
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

03.07.2017

IN - PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Vasudha Vasant Dhepe
Name of the College Attended : - Marathwada Mitra Mandal's College of Pharmacy, Kalewadi.
Name of the Course : - Bachelor of Pharmacy
Duration of In - Plant Training : - 1 Month
Training Period : - June 2017
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeskar
Dy. General Manager- HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division


Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune -411 057 (India)
Phone Nos. : + 91 20 - 39821300 Fax No. : + 91 20 - 39821444, 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411 026.
Phone Nos. : + 91 20 - 30610000, 27120084, Fax No. : 91 20 - 30610111
E-mail : corporate@emcure.co.in, www.emcure.co.in
CIN : U24251PN1581PLC024251

03.07.2017


IN – PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Pooja Bhikaji Sawant
Name of the College Attended : - Marathwada Mitra Mandal's College of
Pharmacy, Kalewadi.
Name of the Course : - Bachelor of Pharmacy
Duration of In – Plant Training : - 1 Month
Training Period : - June 2017
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeskar
Dy. General Manager -HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune -411 057 (India)
Phone Nos. : + 91 20 - 39821300 Fax No. : + 91 20 - 39821444, 39821340
Registered Office : Emcure House, T-154, M.I.D.C., Bhosari, Pune - 411 026.
Phone Nos. : + 91 20 - 30610000, 27120084, Fax No. : 91 20 - 30610111
E-mail : corporate@emcure.co.in . www.emcure.co.in
CIN : L12423MH1981PLC024251



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Gavage
President

Prin. Bhausahab G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Recognized by National Board of Technical Education (NBTE)

Ref: MM/ COP/ T&P/Training Letter / 2017 / 88

Date: 27/03/2017

To,
HR Manager,
Emcure Pharmaceuticals Ltd.
Plot# P2, Hinjawadi Phase-2,
M.I.D.C., ITBT Park, Pimpri-Chinchwad, Pune, Maharashtra 411057

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

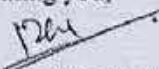
Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Shraddha U. Shinde	Third Year B. Pharm
2	Ms. Mayuri S. Shinde	Third Year B. Pharm
3	Ms. Neha S. Beale	Third Year B. Pharm
4	Ms. Gayatri K. Jawale	Third Year B. Pharm

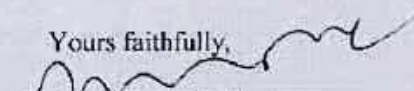
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Training & Placement Officer




Yours faithfully,


Dr. Manohar J. Pawil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmeopfarm@yahoo.co.in Website : www.mmcop.edu.in





PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

03.07.2017

IN - PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Neha Suresh Bebale
Name of the College Attended : - Marathwada Mitra Mandal's College of
Pharmacy, Kalewadi.
Name of the Course : - Bachelor of Pharmacy
Duration of In - Plant Training : - 1 Month
Training Period : - June 2017
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeskar
Dy. General Manager- HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune -411 057 (India)
Phone Nos. : + 91 20 - 39821300 Fax No. : + 91 20 - 39821444, 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411 026.
Phone Nos. : + 91 20 - 30510000, 27120084, Fax No. : 91 20 - 30610111
E-mail : corporate@emcure.co.in., www.emcure.co.in
CIN : U24231PN1981PLC024251



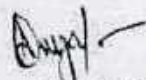
**BORA PHARMA
PRIVATE LIMITED**

Ref.No.BPPL/17-18/35
Date :05/07/2017


TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Mohini B. Kharat was Bonafied final year B.Pharm. Student of Marathwada Mitra Mandals College of Pharmacy,Thergaon,Dist.Pune has duey completed her Inplant Industrial Training Successfully from 06/06/2017 to 05/07/2017 .Within the working hours of our company.

Yours truly,
For Bora Pharma Pvt.Ltd.


for Bora Ajay Vasantlal.
(DIRECTOR)




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


Works : L-100, M. I. D. C., NIMBLAK ROAD, AHMEDNAGAR - 414 111 • Tel : 0241 - 2418102
Admn Office : 113/A, Santosh Appt, Flat No. 4, Prabhat Road, Pune-411 004 • Tele Fax : 020 25441217
Regd Office : 3650/53 "Vasant Vaibhav", Urban Bank Road, Kapad Bazar, Ahmednagar - 414 001
Tel. 0241 - 2344692 / 2347333 • Fax 2601671 • email : bppl_omr@dataone.in

03.07.2017


IN - PLANT TRAINING CERTIFICATE

Name of the Student : - Ms. Neha Suresh Bebale
Name of the College Attended : - Marathwada Mitra Mandal's College of
Pharmacy, Kalewadi.
Name of the Course : - Bachelor of Pharmacy
Duration of In - Plant Training : - 1 Month
Training Period : - June 2017
Conduct during Training : - Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeshar
Dy. General Manager- HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division


Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune -411 057 (India)
Phone Nos. : + 91 20 - 39821300 Fax No. : + 91 20 - 39821444, 39821340
Registered Office : Emcure House, T-184, M.I.D.C., Bhosari, Pune - 411 026.
Phone Nos. : + 91 20 - 30510000, 27120084, Fax No. : 91 20 - 30610111
E-mail : corporate@emcure.co.in., www.emcure.co.in
CIN : U24231PN1881PLC024251

03.07.2017

IN - PLANT TRAINING CERTIFICATE

Name of the Student :- Ms. Gayatri Kailas Jawale
Name of the College Attended :- Marathwada Mitra Mandal's College of Pharmacy, Kalewadi.
Name of the Course :- Bachelor of Pharmacy
Duration of In - Plant Training :- 1 Month
Training Period :- Jun 2017
Conduct during Training :- Good.

For EMCURE PHARMACEUTICALS LTD.


Zubin Ardeskar
Dy. General Manager- HR




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Emcure Pharmaceuticals Limited
100 % EOU - Division

Plot No. : P - 2, I. T. - B. T. Park - Phase II, M.I.D.C., Hinjwadi, Pune -411 057 (India)
Phone Nos. : + 91 20 - 39821300 Fax No. : + 91 20 - 39821444, 39821340
Registered Office : Emcure House, T-164, M.I.D.C., Bhosari, Pune - 411 026.
Phone Nos. : + 91 20 - 30610000, 27120084, Fax No. : 91 20 - 30610111
E-mail : corporate@emcure.co.in., www.emcure.co.in
CIN : U24231PN1981PLC024251

----- building Pharmacy Professionals through Education par Excellence? -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



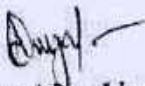
**BORA PHARMA
PRIVATE LIMITED**

Ref.No.BPPL/17-18/35
Date :05/07/2017


TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Mohini B. Kharat was Bonafied final year B.Pharm. Student of Marathwada Mitra Mandals College of Pharmacy,Thergaon,Dist.Pune has dueby completed her Inplant Industrial Training Successfully from 06/06/2017 to 05/07/2017 .Within the working hours of our company.

Yours truly,
For Bora Pharma Pvt.Ltd.


for Bora Ajay Vasantlal
(DIRECTOR)




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Works : L-100, M: I. D. C., NIMBLAK ROAD, AHMEDNAGAR - 414 111 • Tel : 0241 - 2418102
Admn Office : 113/A, Santosh Appt. Flat No. 4, Prabhat Road, Pune-411 004 • Tele Fax : 020 25441217
Regd Office : 3650/53 "Vasanti Vaibhav", Urban Bank Road, Kapad Bazar, Ahmednagar - 414 001
Tel. 0241 - 2344082 / 2347333 • Fax 8601671 • email : b ppl_ anr@dataone.in



BORA PHARMA
PRIVATE LIMITED

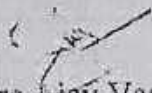
Ref.No BPPL/17-18/56

Date :30/06/2017


TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Abhishek D. Shewale was Bonafied Third year B.Pharm. Student of Marathwada Mitra Mandals College of Pharmacy, Thergaon, Dist. Pune has duey completed her Inplant Industrial Training Successfully from 01/06/2017 to 30/06/2017. Within the working hours of our company.

Yours truly,
For Bora Pharma Pvt.Ltd.


Bora Ajay Vasantlal.
(DIRECTOR)




PRINCIPAL
Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 03.

Works : L-106, M. D. C. NIMBLAK ROAD, AHMEDNAGAR - 414 111 • Tel: 0241 - 2418102
Admin Office : 113/A, Sanjesh, App. Flat No. 4, Prathar Road, Pune-411 004 • Tele Fax: 020 25441217
Regd Office : 3050/53 "Vasant Vadhav", Urban Park Road, Kaped Bazar, Ahmednagar - 414 001
Tel: 0241 - 2844062 / 2847333 • Fax: 86-1071 • Email: bppl_srv@dataone.in

Faint, illegible text, possibly bleed-through from the reverse side of the page.



Cipla


July 11, 2017

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Miss Pranita S Tambe has undergone implant training with us from June 12, 2017 to July 11, 2017

We wish her all the best in her future endeavours.

For Cipla Ltd


Vijay Thange




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Cipla Ltd. (Manufacturing Division) MIDC, Patalganga - 410 220, Dist.: Raigad, Maharashtra
Phone 91 (0) 2192 660900, 660400 Fax 91 (0) 2192 250819, 660506
Cipla Ltd. Regd. Office Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai - 400 013
Phone +91 22 24826000 Fax +91 22 24826120 E-mail contactus@cipla.com Website www.cipla.com
Corporate Identity Number L24238MH1935PLC002380

Cipla


July 11, 2017

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Mr Ankur A Kamble has undergone inplant training with us from June 12, 2017 to July 11, 2017

We wish his all the best in his future endeavours.

For Cipla Ltd


Vijay Thange




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Cipla Ltd. (Manufacturing Division) MIDC, Patalganga - 410 220, Dist.: Raigad, Maharashtra
Phone 91 (0) 2192 660900, 660400 Fax 91 (0) 2192 250819, 660506

Cipla Ltd. Regd. Office Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai - 400 013
Phone +91 22 24826000 Fax +91 22 24826120 E-mail contactus@cipla.com Website www.cipla.com
Corporate Identity Number L24239MH1935PLC002380



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B.Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2017 / 184

Date: 06/06/2017

To,
HR Manager,
Hindustan Antibiotics Ltd.,
Sr.no 198, Pimpri Colony, Pimpri-Chinchwad, Maharashtra.-411018

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Dimple D. Mehta	Final Year B. Pharm

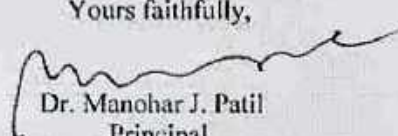
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC




Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mmcoppharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM/COP/T&P/Training Letter/2017/190

Date: 07/06/2017

To,
HR Manager,
Hindustan Antibiotics Ltd.,
Sr.no 198, Pimpri Colony, Pimpri-Chinchwad, Maharashtra.-411018

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Kajal G. Kadam	Final Year B. Pharm

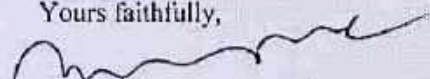
After completion of training by the student you are requested to issue them training certificate.

Thanking you,


Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC




Yours faithfully,


Dr. Manohar J. Patil
Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E-mail : mncopharm@yahoo.co.in Website : www.mmcop.edu.in




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Directorate of Technical Education, Maharashtra

Ref: MM / COP / T&P / Training Letter / 2017 / 186

Date: 06/06/2017

To,
HR Manager,
Hindustan Antibiotics Ltd.,
Sr.no 198, Pimpri Colony, Pimpri-Chinchwad, Maharashtra.-411018

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

Sr. No.	Name of the Student	Class
1	Ms. Namita S. Barne	Final Year B. Pharm

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Dr. Rahul H. Khiste
Dean, Training Placement, III & EDC



Yours faithfully,

Dr. Manohar J. Patil
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 037

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune -- 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

हिन्दुस्तान एंटीबायोटिक्स लि.

(भारत सरकार का उपक्रम)
पंजीकृत कार्यालय और कारखाना : पिंपरी,
पुणे - 411 018.
दूरभाष : 27425411 - 12, 27303690
फैक्स : (020) 27425327.



HINDUSTAN ANTIBIOTICS LTD.

(A Government of India Enterprise)
Registered Office & Factory : Pimpri, Pune - 411 018.
Phone : 27425411 - 12, 27303690
Fax : (020) 27425327
Website : www.hindantibiotics.gov.in

Ref. No.: 2017/30

Date: 06-07-2017

CERTIFICATE

This is to certify that Ms. Namita Shankar Barne,
student of Marathwada Mitra Mandal's College of
Pharmacy, Thergaon, Pune, has completed one month
Industrial Training in this organization in the month of
June 2017.

A.S. Mandhira
5.7.2017

(MRS. A.S. MANDHIRE)
ASST. PERSONNEL MANAGER (TRAINING)

Anagha S. Mandhira / अनघा माधरे

Asst. Personnel Manager (Training)

सहा. कार्मिक प्रबन्धक (प्रशिक्षण)

Hindustan Antibiotics Ltd. Pimpri, Pune-18

हिन्दुस्तान एंटीबायोटिक्स लि. पिंपरी, पुणे-18.



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities


Field Trip

Academic Year-2017-18

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033


DETAILS OF INDUSTRY//INSTITUTE VISITS FOR ACADEMIC YEAR
2017-18

Sr. No.	Industrial Visit	No of Students Participated
1	Everest Pharma Pvt. Ltd. Pune 03 rd February 2018	53
2	Chakan Life-sciences Pvt. Ltd. Pune 03 rd February 2018	
3	Barclays Tech. Centre Ind. Pvt. Ltd, Pune on 23 rd October 2017	56


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon, Pune-411033

Date: 16/10/2017

NOTICE

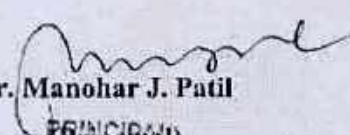
All the students of B. Pharm and M. Pharm are hereby informed that an industry visit is organized at Barclays Tech. Centre Ind. Pvt. Ltd, Pune on 23rd October, 2017 by our institute. The detailed schedule of the same is as:

Sr. No.	Date & Time	Venue	Faculty Name
1	23 rd October, 2017 10:00 am to 04:30 pm	Barclays Tech. Centre Ind. Pvt. Ltd, Pune.	1. Dr. Rahul H. Khiste Dean Training, Placement, III, and EDC. MMCOP, Pune. 2. Mrs. Kavita N. Yadav Asst. Prof. MMCOP, Pune.


All are informed to attend the same. "Attendance is compulsory"

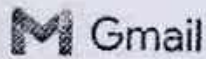

Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



tpo mmcop <tpommcp@gmail.com>

Fwd: Barclays Employee Engagement

7 messages

Program Coordinator VVKI <ntcproposals@vski.org>
To: tpommcp@gmail.com

Mon, Oct 23, 2017 at 3:28 PM

Dear Mr.Khisti Sir,

Further to our conversation, I'd like to take this opportunity to introduce to you, the "Barclays Connect with Work" initiative, a one of a kind project to enhance the employability of students across India.

15 students have expressed interest from your college, please take approval from the principal for the same. We have also arranged transportation for these students.

The session is scheduled for 10.15am tomorrow, kindly send a faculty to accompany the student.

Further details are below:-

Barclays is a major global financial services organisation engaged in personal, corporate and investment banking with an extensive international presence in Europe, the Americas, Africa and Asia.

Barclays is involved in a number of CSR activities and IAHV is collaborating with it, to facilitate its Youth Employability initiatives.

Every year, lakhs of engineering and management students graduate across India, but are not successfully placed in the corporate sector. This can be attributed to the huge Skill Gap.

The vision of this project is to integrate the industry required job skills & life skills with the existing curricula to enhance the employability potential of the college youth.

As a part of this initiative, we are facilitating the **EE - Employee Engagement sessions**, an opportunity for final year students across India, to interact with professionals at Barclays and also get trained on corporate soft skills. We have been partnering with different colleges across India and we would like to extend this opportunity to the students of your college. We invite selected batches of 15 students, for a 1.5 hour session at the Barclays Office, Tuesdays/Fridays at 10.15 am for the month of October/November.

I have attached a proposal below. Please revert to this email or reach out to me at 7907164042, if your placement cell would like to make use of this opportunity and collaborate with us on this initiative. Prior attendees have given excellent feedback for these sessions and it would be really beneficial for your students to gain this exposure.

Regards,

Archana Radhakrishnan
Program Coordinator
Barclays Employability Initiative
+91-7907164042

Employee Engagement_Pune.pdf
448K

Program Coordinator VVKI <ntcproposals@vski.org>
To: tpommcp@gmail.com

Mon, Oct 23, 2017 at 3:29 PM



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 037

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon (Kalewadi), Pune 411 033

List of Students Participated in Industrial Visit at Barclays Tech. Centre Ind. Pvt. Ltd, Pune on 23/10/2017
From Final Year B.Pharm & M. Pharm (2017-18)

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Adbol Rekha Gajanan	B. Pharm	31	Khande Prashant Prabhakar	B. Pharm
2	Adsule Ajinkya Balkrishna	B. Pharm	32	Kumbhar Supriya Shivling	B. Pharm
3	Bebale Neha Suresh	B. Pharm	33	Lahane Purushottam Sahadev	B. Pharm
4	Bhad Akshay Baliram	B. Pharm	34	Mali Ashwini Ramdas	B. Pharm
5	Bhaigade Smital Madhukar	B. Pharm	35	Nagpurkar Shweta Vilas	B. Pharm
6	Bhapkar Nilkanth Dattatraya	B. Pharm	36	Nevasse Yogesh Dilip	B. Pharm
7	Bhilare Shalaka Ananda	B. Pharm	37	Nikam Aniket Sanjay	B. Pharm
8	Bhole Priyanka Prakash	B. Pharm	38	Ovhale Pradeep Prakash	B. Pharm
9	Bhosale Komal Dilip	B. Pharm	39	Parande Manoj Ramkrushna	B. Pharm
10	Bokhare Suraj Ramesh	B. Pharm	40	Patekar Chandani Parmeshwar	B. Pharm
11	Chaudhary Harish Mohanlal	B. Pharm	41	Patil Shrutika Ramachandra	B. Pharm
12	Chinchawade Komal Ashok	B. Pharm	42	Pawar Mayur Uttam	B. Pharm
13	Choudhary Jeetendra Achalaram	B. Pharm	43	Pote Amruta Prabhakar	B. Pharm
14	Choudhary Kailash Bheemaram	B. Pharm	44	Riyal Pallavi Amardeo	B. Pharm
15	Choudhary Ramesh Shesharam	B. Pharm	45	Aher Sagar Atmaram	M. Pharm
16	Dhas Sharad Nandkumar	B. Pharm	46	Bodke Prameshwar Panditrao	M. Pharm
17	Dhepe Vasudha Vasant	B. Pharm	47	Chavan Bhaskar Uttamrao	M. Pharm
18	Dixit Abhishek Sunil	B. Pharm	48	Didbhai Pranjali Mukund	M. Pharm
19	Dodke Pramod Shrihari	B. Pharm	49	Gawai Swapna Ramesh	M. Pharm
20	Dongre Chandrakant Dhondiba	B. Pharm	50	Holkar Shekhar Sanjay	M. Pharm
21	Gurav Vedesh Pramod	B. Pharm	51	Jawanjal Pranay Ashokrao	M. Pharm
22	Jagtap Mahesh Vilas	B. Pharm	52	Kamshetti Sheetal Kalyani	M. Pharm
23	Jare Sharad Gopinath	B. Pharm	53	Khemnar Rameshwar Raosaheb	M. Pharm
24	Jawale Gayatri Kailas	B. Pharm	54	Saruk Pranjali Tejara	M. Pharm
25	Kadam Prachi Arun	B. Pharm	55	Tupekar Komal Bhagwan	M. Pharm
26	Kadam Pradeep Sudhakar	B. Pharm	56	Yadav Jyoti Narayan	M. Pharm
27	Karekar Simaran Pravin	B. Pharm			
28	Karnawat Gayatri Rajendrakumar	B. Pharm			
29	Katkade Ruksharaj Devidas	B. Pharm			
30	Khalage Puja Laxman	B. Pharm			

Dean, Training, Placement, III & EDC



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's College of Pharmacy
Kalewadi Phata- Pimpri Road,
Thergaon (Kalewadi), Pune-411033

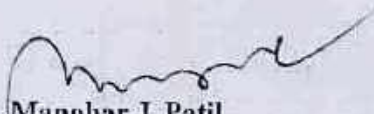
INDUSTRY VISIT REPORT ACADEMIC YEAR-2017-18

Marathwada Mitra Mandal's College of Pharmacy organizes Industrial Visits for B. Pharm and M. Pharm students to upgrade the students with current updates about the industrial profession. And to provide the knowledge of new modern techniques employed in the industries. Students have visited the reputed Pharma industry, which helps to develop innovative ideas among the students for the research.


Date of visit	23 rd October, 2017
Place of visit	Barclays Tech. Centre Ind. Pvt. Ltd, Pune
Coordinators from college	Dr. Rahul H. Khiste
Approved by	Dr. Manohar J. Patil
Participating students	56
Accompanying faculty members	Mrs. Kavita N. Yadav
Objectives of visit	To provide students an insight regarding internal working of pharmaceutical industry for making a good professional career.
Outcome of visit	Students came to know how theoretical concepts are put to into action, thereby aiding their practical learning.


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell



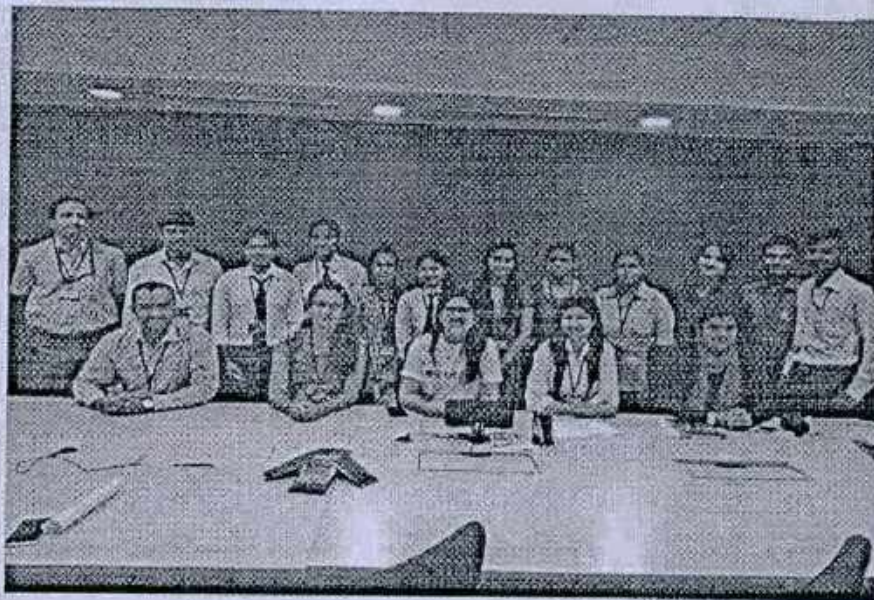

Dr. Manohar J. Patil
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
THERGAON, PUNE-411033

INDUSTRY VISIT TO BARCLAYS TECH. CENTRE IND. PVT. LTD, PUNE ON 23rd OCTOBER 2017



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Collaborative activities for research, Faculty exchange, Student exchange/ Internship, Field Trip

Academic Year-2016-17

3.5.1. Number of Collaborative activities for Research

- 1) M. Pharm Dissertation Research Project at Industry
- 2) Collaborative research by faculty with other institute resulted in publications

Academic Year-2016-17

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033

M. PHARM DISSERTATION PROJECTS AT INDUSTRY DURING A.Y. 2016-17

Sr. No	Name of Student	Specialization	Industry/ Organization
1	Ms. Kale Prajakta Prakash	M. Pharm. Pharmaceutics	Sai Life Sciences Limited, Hinjewadi, Pune.



Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell



Dr. Manohar J. Patil

(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
 (Approved by Council of Technical Education (M.S.)
 Permanently Affiliated to Savitribai Phule Pune University, Pune)

Dr. Shivashiro D. Sanage
 President

Dr. Bhansabhai G. Jadhav
 Vice President

Shri. Kishor H. Mangale
 Secretary

Ref: NM (OP/TFP/2016)120

Date: 04/07/2016

To,
 The HR Manager,
 San Life Sciences Ltd.,
 Bldg. 1, Plot No. 2,
 Chrysalis Enclave International
 BioTech Park, Phase II, Hinjewadi, Pune

Subject: M.Pharm Student Dissertation Work: An Objection Certificate there of -

Respected Sir/Madam,

Marathwada Mitra Mandal Trust is a Public Charitable Trust established in 1967 by Hon. Late Smt. Sankarabai Chavan, Ex. Union Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Late Smt. Vijayraaj Deshmukhi, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes in Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lonhnon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education our excellence.

The Institute has no objection to carry out M. Pharm. Dissertation Work of the following student in your esteemed organization.

Sr. No.	Name of the student	Branch
1	Ms. Kale Pratiksha Prakash	M. Pharm. in Pharmaceutics

The Project for dissertation may be on any topic of interest of the industry and the students will have two guides for the project work i.e. one from Industry and one from the institution. The students will also report his work in progress once in fortnight to institution.

Looking forward to have your co-operation in the regard.

Thanking you,

Received
 Pratiksha
 Kale



Yours faithfully,

(Signature)
 Dr. Manshar J. Patil
 Principal
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033

Building Pharmacy Professionals through Education for Excellence

S. No. 2/11, Sector No. 34, PCNEDA, Old Savitribai Phule Bumper Road, Thergaon (Kalewadi), Pune - 411 033 (M.S.)

Ph. No. (020) 27273992 (6-4106841) (020) 27273993

E-mail: marathwadimitramandal@rediffmail.com / marathwadimitramandal@puneip.edu.in



(Signature)
PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033

Certificate

This is to certify that Ms. Prajakta Kale, Master of Pharmacy (Pharmaceutics) student of Marathwada Mitra Mandal, College of Pharmacy, Pune, India has completed the project entitled

"Formulation, evaluation & optimization of expectorant drug by using QBD approach"


in partial fulfillment of the requirement for the award of degree of Master of Pharmacy (Pharmaceutics) under the guidance of Mrs. Manjusha A. Joshi, Sr. Vice President - Formulations,

SAI LIFE SCIENCES LIMITED

The period of project work was from July 11th, 2016 to May 19th, 2017

During the above period her conduct was good

We wish her all the best for her future endeavors.


Sai Prasad Natarajan

Manager – HR






Mrs. Manjusha A. Joshi

Sr. Vice President – Formulations




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

July 8, 2016

Ms. Prajakta Kale,
Mobile: 9405441481
Email: prajaktaaut15@gmail.com

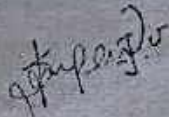
Dear Prajakta,

As per your request for an industrial project in our company, we are happy to allot you a project in Formulation Department for the requested period of 8 to 10 months. Please note that you will not be paid any stipend during the project and you have to bear all expenses pertaining to your project.

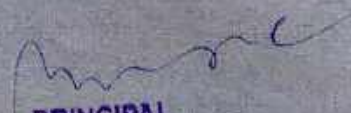
Also you will follow all rules and regulations of our company during the project period and all company information and data given to you should be kept confidential, failing which your project work with us will be terminated.

We wish you all the best for the project work.

For SAI LIFE SCIENCES LIMITED,



Authorized Signatory



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 007

Sai Life Sciences Ltd. (CIN No. : U241101G1999PLC030970)
Ground, 1st, 2nd & 3rd floor Building 1, Plot No. 2, Chrysalis Enclave, International Biotech Park,
Phase II, Hinjewadi, Pune - 411 057., M.S., INDIA.

Tel : + 91 20 66743600 / 30125000

Fax : + 91 20 66743645

▶ info@sailife.com

▶ www.sailife.com

Certificate

This is to certify that Ms. Prajakta Kale, Master of Pharmacy (Pharmaceutics) student of Marathwada Mitra Mandal, College of Pharmacy, Pune, India has completed the project entitled

"Formulation, evaluation & optimization of expectorant drug by using QBD approach"

in partial fulfillment of the requirement for the award of degree of Master of Pharmacy (Pharmaceutics) under the guidance of Mrs. Manjusha A. Joshi, Sr. Vice President - Formulations,

SAI LIFE SCIENCES LIMITED

The period of project work was from July 11th, 2016 to May 19th, 2017

During the above period her conduct was good

We wish her all the best for her future endeavors.


Sai Prasad Natarajan


Manager - HR




Mrs. Manjusha A. Joshi

Sr. Vice President - Formulations




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Dr. Sohan S. Chitlange

Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pune.

Dr. Sohan S. Chitlange has around 18 years of Professional experience and has published more than 15 Research Papers in National and International Journals of repute. He is approved PG and Ph.D. Guide of S.P.P.U., Pune. He is also actively associated with various professional bodies. Presently he is Associate Lecturer (Association of Pharmacy Teachers of India), Executive Council Member (Association of Unaided Private Pharmacy Colleges, Maharashtra), Special Active Member (Pharmacy Research and Development Association, Ahmedabad) and he also serves as Member, Board of Studies, Pharmaceutical Chemistry, S.P.P.U., Pune. He received many prestigious awards for his extraordinary contribution in the field of education.



Dr. Vinayak K. Deshmukh

M.Pharm., Ph.D.
MES College of Pharmacy, Sonoli, Ahmednagar.

Dr. Vinayak K. Deshmukh has an excellent academic background. He has around 20 years of professional experience in the field of Pharmacy. He is currently working as Principal at MES College of Pharmacy, Sonoli, Ahmednagar. He is also recognized PG teacher and Research Guide for the students of S.P.P.U., Pune. He has organized and/or organized many Seminars, Conferences and Workshops. He has published many Research Papers in various reputed National and International Journals. He also holds variety of other crucial positions like Examiner for evaluation of PGD thesis, Member for Board of Paper Setters, Ad-hoc Reviewer for Journal of Pharmacy Research and many more.



Mrs. Babita A. Agarwal

M.Pharm.
Marathwada Mitra Mandal's College of Pharmacy, Thergaon.

Mrs. Babita Agarwal is currently working as an Assistant Professor at Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune since 2006. She completed B.Pharm (2002) and M.Pharm in Pharmaceutical Chemistry (2007) from P.D. Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research affiliated to S.P.P.U., Pune. She has qualified GATE 2003. As a student of merit, she is recipient of Best outgoing student in the Diploma as well as graduation. She is Life member of Association of Pharmaceutical Teachers in India (APTII). She has total 16 years of teaching experience in Analytical, Organic and Biochemistry. She is currently pursuing Ph.D. at S.P.P.U., Pune in Pharmaceutical Chemistry. She has presented papers in National and International conferences and research competitions including state level Avishkar 2016, APTIACFN 2014. Her research interests include Analytical method development and Forced Degradation Studies and characterization the degradation pathways. She has few research publications to her credit.



Mrs. Sejal P. Gandhi

M.Pharm., Ph.D. (Pursuing)
Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pitrapur, Pune.

Mrs. Sejal P. Gandhi is presently working as an Assistant Professor, Department of Pharmaceutical Chemistry at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pitrapur, Pune. She has 7 years of experience in teaching and research in pharmacy. She has published research articles in various National and International Journals of repute. She has presented various papers in Conventions, Seminars and Conferences. She has co-guided 7 M. Pharm. students. She is a member of APTI.

ISBN : 978-93-244-57-10-0



SUCCESS PUBLICATIONS

Address: 11/11, Keshavnagar, Shivajinagar, Pune-411 004
 App: Halolani Chavak, Old, Prabhakar, Shivajinagar, Pune-411 004
 Ph: No. 23613374, 24434661, 24111205, Mobile: 932112445
 Email: successpubs@gmail.com
 Website: www.successpubs.com

Practical Handbook of

PHARMACEUTICAL ANALYSIS - II

S.Y.B.Pharm. (Sem. - IV)

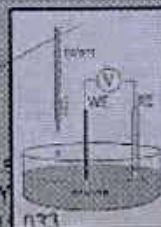
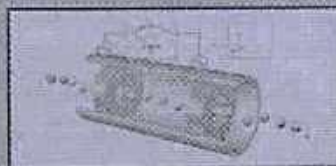


Dr. Sohan S. Chitlange

Dr. Vinayak K. Deshmukh

Mrs. Babita A. Agarwal

Mrs. Sejal P. Gandhi



PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 (Kalewadi), Pune-411 033



SUCCESS PUBLICATIONS

PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033



Dr. Sohan S. Chitlange

Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research, Pune.

Dr. Sohan S. Chitlange has around 18 years of Professional experience and has published more than 35 Research Papers in National and International Journals of repute. He is approved PG and Ph.D. Guide at S.P.P.U., Pune. He is also actively associated with various professional bodies. Presently he is Associate Secretary (Association of Pharmacy Teachers of India), Executive Council Member (Association of Unaided Private Pharmacy Colleges, Maharashtra), Special Invitee Member (Pharmaceutical Research and Development Association, Ahmedabad) and he also served as Member, Board of Studies, Pharmaceutical Chemistry, S.P.P.U., Pune. He received many prestigious awards for his extraordinary contribution in the field of education.



Dr. Vinayak K. Deshmukh

M.Pharm., Ph.D.
MES College of Pharmacy, Sonal, Ahmednagar.

Dr. Vinayak K. Deshmukh has an excellent academic background. He has more than 20 years of professional experience in the field of Pharmacy. He is currently working as Principal at MES College of Pharmacy, Sonal, Ahmednagar. He is also successful PG teacher and Research Guide for the students of S.P.P.U., Pune. He has attended and/or organized many Seminars, Conferences and Workshops. He has published many Research Papers in various reputed National and International Journals. He also holds various other official positions like Examiner for evaluation of Ph.D. thesis, Member for Board of Paper Setters, Ad-hoc Reviewer for Journal of Pharmacy Research and many more.



Mrs. Babita A. Agarwal

M.Pharm.
Marathwada Mitra Mandal's College of Pharmacy, Thergaon.

Mrs. Babita Agarwal is currently working as an Assistant Professor at Marathwada Mitra Mandal's College of Pharmacy, Thergaon, since 2008. She completed B.Pharm (2002) and M.Pharm in Pharmaceutical Chemistry (2007) from P.E. Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research affiliated to S.P.P.U. She has qualified GATE 2003. As a student of merit, she is recipient of Best outgoing student in the Department as well. Graduation. She is Life member of Association of Pharmaceutical Teachers in India (APTI). She has total 10 years of teaching experience in Analytical, Organic and Biochemistry. She is currently pursuing Ph.D. at S.P.P.U., Pune in Pharmaceutical Chemistry. She has presented papers in National and International conferences and research competitions including state level Avishkar 2010, APTICON 2014. Her research interests include Analytical method development and Forced Degradation Studies and characterizing the degradation pathway. She has few research publications to her credit.



Mrs. Sejal P. Gandhi

M.Pharm, Ph.D. (Pursuing)
Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune.

Mrs. Sejal P. Gandhi is presently working as an Assistant Professor, Department of Pharmaceutical Chemistry at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. She has 3.5 years of experience in teaching and research in pharmacy. She has published 8 research articles in various National and International journals of repute. She has presented various papers in Conferences, Seminars and Conferences. She has co-guided 3 M. Pharm students. She is life member of APTI.

ISBN : 978-93-24457-01-1



SUCCESS PUBLICATIONS

Address : Radha Krishna Apartment, 25C, Shanwar Peth,
Opp. Balwan Chawk, Opp. Freshman Theatre, Pune - 41
Ph. No. 2443374, 2442462, 0201326, Mobile: 95251514
Email : sharpgrp@rediffmail.com
Website : www.sharpgrp.com

PT-
1920

Practical Handbook of

**PHARMACEUTICAL
ANALYSIS - I**

F.Y.B.Pharm. (Sem. - II)

Dr. Sohan S. Chitlange

Dr. Vinayak K. Deshmukh

Mrs. Babita A. Agarwal

Mrs. Sejal P. Gandhi

As Per
New
Syllabus



SUCCESS PUBLICATIONS



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033.

PHARMACEUTICAL ANALYSIS - I F.Y.B.Pharm. (Sem. - II)

As per the University syllabus of B.Ph.

Industrial Pharmacy I

First Edition


HEMANT RANPISE

ANURADHA RANPISE

DYANDEVI MATHURE


PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033


PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Covers the Topics of Tablets (Unit I) & Capsules (Unit II)
as per PDC syllabus for Semester V

Industrial Pharmacy

First Edition

HEMANT RANPISE

ANURADHA RANPISE

DYANDEVI MATHURE



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

FOR YOUR
CAREER
APPLICATIONS
www.careerandyou.com



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

About the Book

The book 'Industrial Pharmacy- I' is meant for B. Pharma students. It provides an in-depth knowledge of Dosage Form Design & Formulation Strategies. The text covers information on tablet & capsule as dosage forms with their physico-chemical principles, advanced methods of formulation, IPQC & QC tests as per IP, BP, USP, equipments, defects & remedies. It also highlights concept, types, pharmacopoeial specifications, techniques & equipments used in tablet coating. From drug design and technology transfer for tablet & capsule manufacturing allows widening of students' horizons of knowledge. The authors have taken great efforts to explain all topics in detail, with diagrams and charts.

This book includes following chapters :

- 1) Principles of Dosages Form Design.
- 2) Tablets Formulation and Technology.
- 3) Capsules.
- 4) Coating Technology.

About the Authors



Mr. Hemantkumar A. Ranpise completed his graduation from S. G. R.S. College of Pharmacy, Saswad in April 2003 and post graduation from Govt. College of Pharmacy, Karad in 2010. Presently, he is working as Assistant Professor in Sinhgad College of Pharmacy, Vadgaon Bk., Pune.

He is actively involved in research on formulation development of Nanocarriers for antifungals.



Ms. Anuradha A. Ranpise completed her graduation from S. G. R.S. College of Pharmacy, Saswad in April 2006 and post graduation from AISSMS College of Pharmacy, Pune in 2008. Presently, she is working as Assistant Professor in Marathwada Mitra Mandal College of Pharmacy, Dhule, Pune.

She is actively involved in research on formulation development of Self emulsifying drug delivery system for Antimicrobial agents.



Ms. Dyandevi Mathure completed her graduation from N.D.M.V.P.'s College of Pharmacy, Nashik in April 2008 and post graduation from AISSMS College of Pharmacy, Pune in 2010. Presently, she is working as Assistant Professor in Sinhgad Technical Education Society's, Sant. Kashinath Swami College of Pharmacy, Pune.

She is actively involved in research on formulation development of Nanocarriers for anxiety.

CAREER
INDUSTRIAL PHARMACY

Industrial Pharmacy-I

Dr. H. A. Ranpise



PRICE 175.00

ISSN: 978-81-322-450-0



9 789582 322450

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 077

Home (ijor.aspx) About us (ijor.aspx?target=about_us) My Profile (ijor.aspx?target=users_zone) Registration (ijor.aspx?target=register) Products

Article Submission (ijor.aspx?target=manuscript_submission) Usage Statistics (https://c5live.mpsinsight.com/ljc/login) Price List 2021 (./JournalsPriceList.aspx)

Contact Us (ijor.aspx?target=contact_us) Tutorial

Login/Register (Ijor_homemenucontrol/#)

Email id



Research Journal of Pharmacognosy and Phytochemistry

Year : 2016, Volume : 8, Issue : 3

First page : (121) Last page : (124)

Print ISSN : 0975-2331. Online ISSN : 0975-4385.

Article DOI : [10.5958/0975-4385.2016.00022.4](https://doi.org/10.5958/0975-4385.2016.00022.4) (<http://dx.doi.org/10.5958/0975-4385.2016.00022.4>)

Phytochemical and Toxicological Evaluation of Acorus calamus and Argyreia speciosa Leaves Extract

Patil P.J.¹, Patil V.R.²

¹Marathwada Mitra Mandal's College of Pharmacy, Thergaon (Kalewadi), Pune-411 033, Maharashtra, India

²Tapi Valley Education Society's Hon. Loksevak Madhukarrao Chaudhari College of Pharmacy, Faizpur Dist. Jalgaon-425 503, Maharashtra, India

*Corresponding Author E-mail: pjnikampatil@gmail.com (mailto:pjnikampatil@gmail.com?cc=gbehai@indianjournals.com)

Online published on 18 October, 2016.

Abstract

In present study Acorus calamus and Argyreia speciosa were collected, their authentications were performed. These two plants were extracted by three different solvents. Extracts of these plants were subjected to different phytochemical analysis. Acute toxic studies of these plant extracts were performed to determine their safety. Phytochemical investigation were carried out by performing various tests viz. test for detection of carbohydrate, alkaloid, proteins, volatile oils, flavonoids, saponins, phenols, resin tannins, amino acid, steroids, triterpenoids, anthraquinones and coumarines. Acute oral toxicity was performed using OECD 420 guidelines. Groups of female rats are dosed in a stepwise procedure using the fixed doses of 5, 50, 300 and 2000 mg/kg. No toxic symptoms or mortality were observed in any animals, which lived up to 14 days after the administration of all extract of AC and AS upto the level of 2000 mg/kg body weight

Keywords

Acorus calamus, Argyreia speciosa, Phytochemical, Toxicological.

[Buy Now](#)

[PDF](#)

[target=ijor&volume=8&issue=3&article=004&type=subscribearticle](http://www.indianjournals.com/ijor.aspx?target=ijor&volume=8&issue=3&article=004&type=subscribearticle) [target=ijor&volume=8&issue=3&article=004&type=pdf](http://www.indianjournals.com/ijor.aspx?target=ijor&volume=8&issue=3&article=004&type=pdf)

In case you have already subscribed for the Article/Publication, please login, using the panel provided above.

OR

For information regarding subscription please [click here \(target=ijor&type=subscribe\)](http://www.indianjournals.com/ijor.aspx?target=ijor&type=subscribe).

OR

For a comprehensive list of other publications available on indianjournals.com please [click here \(target=paid_journals_list\)](http://www.indianjournals.com/ijor.aspx?target=ijor&type=paid_journals_list).

Site map (ijor.aspx?target=site_map) Privacy Policy (ijor.aspx?target=privacy_policy) Copyright (ijor.aspx?target=copyright_disclaimer) Terms & Conditions (ijor.aspx?target=terms)


PageRank (http://www.prchecker.info)

501,987,388 visitor(s) since 30th May 2005.

All rights reserved. Site designed and maintained by DIVA ENTERPRISES PVT. LTD. (<http://www.diva.in>).

Note: Please use Internet Explorer (6.0 or above). Some functionalities may not work in other browsers.




 PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033

The isolation, Characterization and Preclinical Studies of Metal Complex of *Thespesia populnea* for the Potential Peroxisome Proliferator-activated Receptors- γ Agonist Activity

Mohini Ashok Phanse, Manohar Janardhan Patil¹, Konde Abbulu²

Department of Pharmacognosy, Modern College of Pharmacy, Nigdi, Maharashtra; ¹Department of Pharmacognosy, Maratha Mitra Mandal College of Pharmacy, Kalewadi, Pune, Maharashtra; ²Department of Pharmaceutics, Mallareddy Institute of Pharmaceutical Sciences, Hyderabad, Telangana, India

ABSTRACT

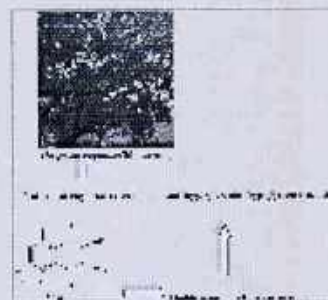
Background: Diabetes mellitus is an international public health problem since ancient days. The condition is predominantly more severe in developing countries like India where, life is more sedentary due to the even changing lifestyles in this fast-paced global scenario. *Thespesia populnea* is widely used in the ayurvedic system of medicine for treatment of diabetes mellitus in India for years. The aim of this work is to explore the anti-diabetic activity of the isolated compound. **Materials and Methods:** The sesquiterpene isolated from hexane fraction of bark of *T. populnea* modified synthetically then identified by using analytical techniques such as electron paramagnetic resonance spectra for confirmation and the anti-diabetic activity was evaluated by anti-hyperglycemic, hypoglycemic potential. **Result:** In the present work, we have studied the anti-hyperglycemic and hypoglycemic activity of the vanadium complex in glucose loaded and normal animals were shown significantly decreased in plasma blood glucose level. The results derived from preclinical studies confirm the potential of new sesquiterpene. **Conclusion:** The findings could provide evidence regarding the anti-diabetic potential of *T. populnea* by lowering blood glucose level.

Key words: Antihyperglycemic and hypoglycemic activity, diabetes mellitus, *Thespesia populnea*

SUMMARY

Thespesia populnea is widely used in the ayurvedic system of medicine for treatment of diabetes in India. Present study aimed to explore the anti diabetic potential of isolated compound. Isolation of sesquiterpene from hexane fraction of bark of *Thespesia populnea* and modified synthetically then authenticated by using analytical techniques such as electron paramagnetic resonance spectra for confirmation. The modified complex was further assessed for its anti diabetic property in glucose loaded rats. Vanadium

complex demonstrated significant reduction in plasma blood glucose level in glucose loaded animals. The results derived from preclinical studies confirm the potential of new sesquiterpene. The present findings conclude that anti diabetic potential of *Thespesia populnea* could be due to lowering blood glucose level by acting on PPAR- γ receptor.



Correspondence:

Asst. Prof. Mohini Ashok Phanse,
Department of Pharmacognosy, Modern College of Pharmacy, Nigdi, Pune, Maharashtra and PhD research scholar JNTUH, Hyderabad, India.
E-mail: phanse_mohini@yahoo.co.in
DOI : 10.4103/0973-1296.168964

Access this article online

Website: www.phcog.com

Quick Response Code:



INTRODUCTION

Diabetes mellitus is a chronic metabolic disorder characterized by insulin resistance, hyperglycemia and associated with impaired lipid profile.^[1] Considering the high incidence of diabetes mellitus, between 2010 and 2030, there will be a 69% raise in numbers of adults through diabetes in developing country and a 20% raise in developed countries. As a result, there is an increase in demand for a novel drug with a lesser side effect.^[2] The main aim of organic and medicinal chemistry is to design, synthesize and produce molecules which act as important human curative agents. The compounds obtain from synthesis or plant source containing heterocyclic ring are of great significance receiving special attention as they belong to a class of compounds with proven utility in medicinal chemistry.^[3]

In 1982, thiazolidinediones were intensively studied for their anti-hyperglycemic activity.^[4] Thiazolidinediones are known to be insulin sensitizers and have been clinically used as anti-diabetic agents. The maleate of rosiglitazone, a medicine of the thiazolidinediones class, showed considerable clinical efficacy against diabetes mellitus.^[5] Peroxisome proliferator-activated receptors (PPARs) include three isoforms: α , β/δ , and γ . PPAR γ is the most abundant isoform in

adipose tissue, macrophages, monocytes, intestinal cells, skeletal muscle, and endothelium. It plays an important role in the regulation of insulin sensitivity, lipid metabolism, adipogenesis and glucose homeostasis.^[6] The target of the thiazolidinediones has been identified as the PPAR γ and the glucose-lowering activities of the thiazolidinediones were shown to be closely related to their PPAR γ agonistic activity.^[7] Still the herbal supplementation and other substitute medicine have gradually increased to use for management of the diabetic disorder.

This is an open access article distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 License, which allows others to remix, tweak, and build upon the work non-commercially, as long as the author is credited and the new creations are licensed under the identical terms.

For reprints contact: reprints@medknow.com

Cite this article as: Phanse MA, Patil MJ, Abbulu K. The isolation, characterization and preclinical studies of metal complex of *Thespesia populnea* for the potential peroxisome proliferator-activated receptors- γ agonist activity. *Phcog Mag* 2015;11:434-8.



INDO AMERICAN JOURNAL OF PHARMACEUTICAL RESEARCH



A NOVEL SYNTHESIS ROUTE TO INDOLOPYRIDOQUINAZOLINE ALKALOID ANALOGUES FROM CONDENSED PYRIMIDINE SCAFFOLDS

Rahul H. Khiste^{*1,2}, Ashok G. Peepliwal¹, Hemant Kumar Jain³

¹NIMS University, Jaipur 303121, Rajasthan, India.

²Marathwada Mitra Mandal's, College of Pharmacy, Thergaon, (Kalewadi) Pune 411033, Maharashtra, India.

³Sinhgad College of Pharmacy, Vadgaon (Bk), Pune 411041, Maharashtra, India.

ARTICLE INFO

Article history

Received 08/01/2016

Available online

31/01/2016

Keywords

Indolopyridoquinazoline,
Pyrimidine Scaffolds,
o-Aminoesters.

ABSTRACT

Development of new, elegant synthetic routes to bioactive quinazolinocarboline alkaloids Rutaecarpine, Euxylophoricine and their analogues is a challenging task of current interest. The present work focuses on a novel synthetic approach to Indolopyridoquinazoline and its derivatives. The pentacyclic compounds were synthesized efficiently by using various condensed 2-chloromethyl pyrimidine scaffolds as important heterocyclic building blocks. This approach has been extended to the synthesis and diversification of compounds based on cyclization of a variety of nitriles with *o*-aminoesters of benzene, dimethoxybenzene under acidic conditions for pyrimidine scaffolds. Starting from condensed pyrimidine scaffolds, we have demonstrated an elegant five step practical synthesis of bioactive natural Indolopyridoquinazoline alkaloid analogues. This novel synthetic approach is amenable for the generation of library of bioactive Indolopyridoquinazoline analogues.

Corresponding author

Rahul H. Khiste

Institute of Pharmacy,

NIMS University,

Jaipur-303121, Rajasthan, India.

rahulkhiste@yahoo.com

Please cite this article in press as **Rahul H. Khiste et al. A Novel Synthesis Route To Indolopyridoquinazoline Alkaloid Analogues From Condensed Pyrimidine Scaffolds. Indo American Journal of Pharmaceutical Research. 2016;6(01).**

Copy right © 2016 This is an Open Access article distributed under the terms of the Indo American journal of Pharmaceutical Research, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

www.iajpr.com




PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Faculty Exchange-Training, Conferences, FDP, Seminars
completed/attended by Faculty

Academic Year-2016-17



1st National Teachers' Congress
Pune, India

INSPIRING TEACHERS STRENGTHENING GENERATIONS

Certificate of Participation

Presented
to

Dr. Manohar J. Patil

for participating in the 1st National Teachers' Congress held in Pune, India
from September 23rd to 25th, 2016 and being a part of the Network of
All-round and Spirited Teaching Fraternity of India.

President
Anil Kakodkar
Eminent Scientist
(Atomic Energy)

Executive President
Vijay P. Bhatkar
Eminent Computer Scientist

Convener
Rahul V. Karad
Vice President,
MAEER's MIT Group of Institutions, Pune
Founder, MIT-SOG & BCS

In association with



Supported by

info@nationalteacherscongress.com | www.nationalteacherscongress.com

Pune, September, 2016

Reg. No.: 728 / B529 / 1626

NIC Regd. No. IN-01/495607072047216 | SOG Regd. No. F-2555



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



1st National Teachers' Congress

Pune, India

INSPIRING TEACHERS STRENGTHENING GENERATIONS

Certificate of Participation

Presented to

Prof. Pravin J. Patil

for participating in the 1st National Teachers' Congress held in Pune, India from September 23rd to 25th, 2016 and being a part of the Network of All-round and Spirited Teaching Fraternity of India.

President
Anil Kakodkar
Eminent Scientist
(Atomic Energy)

Executive President
Vijay P. Bhatkar
Eminent Computer Scientist

Convener
Rahul V. Karad
Vice President,
MAEERs MIT Group of Institutions, Pune
Founder, MIT-SOG & BCS

In association with



Supported by



info@nationalteacherscongress.com | www.nationalteacherscongress.com

Pune, September, 2016

Reg. No. : 2647 / B540 / 1026

NTC Regd. No. IN-DL 495697972347210 | SOG Regd. No. F-2555



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon - Thergaon, Pune-33, Maharashtra-411 007



MARATHWADA MITRA MANDAL'S

COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.




CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Chandrasekhar S. Bhingare.....
 has participated in a Savitribai Phule Pune University, Pune.....
 sponsored seminar / workshop On Natural Products : Commerce, Industry
and Regulation..... as a special invitee / Resource Person
 /Delegate. His/her active participation in this event conducted
 on 20-21 Jan 2017..... is highly appreciated.

Date: 21 Jan 2017.


 Coordinator


 DR. Prakash B. Patil
 Principal




PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. R. D. J. Patil
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar / workshop on Natural Products : Commerce,
Industry and Regulation..... as a special invitee / Resource Person
/ Delegate. His/Her active participation in this event conducted
on 30-31 Jan 2017..... is highly appreciated.

Date: 31 Jan 2017.

R. D. J. Patil
Coordinator

R. D. J. Patil
Principal



R. D. J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalawadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. *Mukesh P. Ratnaparkhi*.....
has participated in a *Savitribai Phule Pune University, Pune*.....
sponsored seminar / workshop *On Natural Products : Commerce, Industry*
and Regulation..... as a special invitee / Resource Person
/ Delegate. His/Her active participation in this event conducted
on *20-21 Jan 2017*..... is highly appreciated.

Date: *21 Jan 2017*.

P. S. Kulkarni
Coordinator

[Signature]
Principal



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalawadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
Thergaon (Kalewad), Pune 411 033.

CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Prasad V. Kadam
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar / workshop On Natural Products: Commerce,
Industry and Regulation..... As a special invitee / Resource Person
/ Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017..... is highly appreciated.

Date: 21 Jan 2017.


Coordinator


Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Premod H. Sakpal
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar / workshop On Natural Product: Commerce,
Industry and Regulation..... as a special invitee / Resource Person
(Delegate). His/Her active participation in this event conducted
on 20-21 Jan 2017..... is highly appreciated.

Date: 21 Jan 2017.


Coordinator


Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S

COLLEGE OF PHARMACY

Thergaon (Kalewadi) Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Ranul H. Kniste
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar/workshop On Natural Products: Commerce,
Industry and Regulation. As a special invitee / Resource Person
/Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017.

Pankaj
Coordinator

[Signature]
Principal



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S

COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Babita A. Agrewal
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar/workshop On Natural Products: Commerce,
Industry and Regulation. As a special invitee / Resource Person
/Delegate. H/s/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017


Coordinator


Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Sumpada D. Dalvi
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar / workshop On Natural Products : Commerce,
Industry and Regulation. as a special invitee / Resource Person
Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017.


Coordinator


Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.

CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Sachin K. Jagdale
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar/workshop On Natural Products: Commerce,
Industry and Regulation as a special invitee / Resource Person
/Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017.

Pandurang
Coordinator

[Signature]
Principal



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY


Thergaon (Kalewadi), Pune 411 033.

CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Kavita N. Yadav
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar / workshop On Natural Products : Commerce,
Industry and Regulation. As a special Invitee / Resource Person
/ Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017.


Coordinator


Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S

COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Saileendra S. Salvankar
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar/workshop On Natural Products: Commerce,
Industry and Regulation. As a special Invitee / Resource Person
/Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017.

P. S. Salunke
Coordinator

[Signature]
Principal



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.




CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Anusadha A. Ranpise
has participated in a Savitribai Phule Pune University, Pune.
sponsored seminar/workshop On Natural Products: Commerce,
Industry and Regulation as a special invitee / Resource Person
/Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017


Coordinator


DR. MANOHAR J. PATIL
Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S

COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.




CERTIFICATE


This is to certify that Mr./Ms./Dr./Prof. Suvashna B Nalawade
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar/workshop On Natural Products : Commerce,
Industry and Regulation. As a special Invitee / Resource Person
/Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017. is highly appreciated.

Date: 21 Jan 2017.


Coordinator


DR. MANOJ K. PATIL
Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S

COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Snehal K. Tambe
 has participated in a Savitribai Phule Pune University, Pune
 sponsored seminar/workshop On Natural Products : Commerce,
Industry and Regulation As a special invitee / Resource Person
 /Delegate. His/Her active participation in this event conducted
 on 20-21 Jan 2017 is highly appreciated.

Date. 21 Jan 2017

Snehal K. Tambe
 Coordinator

[Signature]
 Principal



[Signature]
PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Pooja S. Pawar
has participated in a Savitribai Phule Pune University, Pune-
sponsored seminar / workshop on Natural Products: Commerce,
Industry and Regulation As a special Invitee / Resource Person
/Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017.

Pooja S. Pawar
Coordinator

DR. MADHURAJ PATIL
Principal



M. S. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.



CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Pooja Bhong
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar/workshop On Natural Products: Commerce,
Industry and Regulation as a special invitee / Resource Person
/Delegat^e. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date: 21 Jan 2017.

Pooja Kadam
Coordinator

[Signature]
DR. MANOHAR J. PATIL
Principal



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



MARATHWADA MITRA MANDAL'S

COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune 411 033.




CERTIFICATE

This is to certify that Mr./Ms./Dr./Prof. Lalpi Korduskar
has participated in a Savitribai Phule Pune University, Pune
sponsored seminar/workshop On Natural Products: Commerce,
Industry and Regulation as a special Invitee / Resource Person
/Delegate. His/Her active participation in this event conducted
on 20-21 Jan 2017 is highly appreciated.

Date 20 Jan 2017


Coordinator


Principal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**ADITYA BIRLA
MEMORIAL HOSPITAL**

HOPE • HEAL • HEALTH • HAPPINESS



4th NATIONAL CONFERENCE



ABMH PharmaCon 2016

1st & 2nd October

Name *Dr. M. J. Patil*

FACULTY

A JCI, NABH, CAP, NABL, HACCP, ISO 22000 : 2005,
RBNQA & ISO 9001 Accredited Hospital



[Signature]

PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



ABMH PharmaCon - 2016



Certificate Of Participation

This is to certify that Ratnaparkhi Mukesh P has attended the 4th National Conference
"ABMH PharmaCon - 2016" on Pharmacy & Medication on October 1st & 2nd, 2016
conducted by 'Aditya Birla Memorial Hospital', Pune

Organising Secretary

President



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalawadi), Pune-411 033



ABMH PharmaCon - 2016



Certificate Of Participation

This is to certify that Dr P. S. Patil has attended the 4th National Conference


"ABMH PharmaCon - 2016" on Pharmacy & Medication on October 1st & 2nd, 2016

conducted by 'Aditya Birla Memorial Hospital', Pune

Organising Secretary

President




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



ABMH PharmaCon - 2016



Certificate Of Participation

This is to certify that Sampada Dalvi has attended the 4th National Conference

"ABMH PharmaCon - 2016" on Pharmacy & Medication on October 1st & 2nd, 2016

conducted by 'Aditya Birla Memorial Hospital', Pune

Organising Secretary

President




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kaiewadi), Pune-411 033



ABMH PharmaCon - 2016



Certificate Of Participation

This is to certify that B. A. Agarwal has attended the 4th National Conference
"ABMH PharmaCon - 2016" on Pharmacy & Medication on October 1st & 2nd, 2016
conducted by 'Aditya Birla Memorial Hospital', Pune

Organising Secretary

President



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



CURE MEDICINES (INDIA) PVT. LTD.

Date: 07/04/2017

CERTIFICATE


This is to certify that Mrs. Babita A. Agarwal, Assistant Professor at Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-411 033, has successfully completed training in our Quality Assurance Department from 03/04/2017 to 07/04/2017.

We found her sincere, hardworking, technically sound and result oriented. We take this opportunity to thank her and wish her all the best for her future.

For Cure Medicines (I) Pvt. Ltd.


Authorised Signatory




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities


Student Internship

Academic Year-2016-17

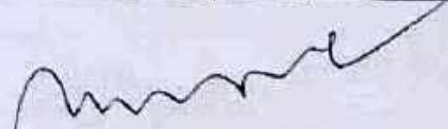
**Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033**

List Students Completed Industry Training In Academic Year-2016-17

Sr. No.	Name of the collaborating agency with contact details	Name of the participant	Duration of the activity	
			From	To
1	Cure Medicine Pvt. Ltd. Pune, Contact:- 020-30683201 corporate@curemedicines.co.in	Ms. Nagpurkar Shweta V.	14/04/2017	13/05/2017
2	Cure Medicine Pvt. Ltd. Pune, Contact:- 020-30683201 corporate@curemedicines.co.in	Mr. Nikam Aniket S.	14/04/2017	13/05/2017
3	Cipla Health Ltd. Contact: ciplahealth@cipla.com Tel:-022 24826000	Mr. Chaudhary Kailash D.	14/04/2017	13/05/2017
4	Cipla Ltd. Kurkumbh MIDC, Pune 02117-235284 cosecretary@cipla.com	Ms. Varsha Shelar J.	21/06/2016	05/07/2016
5	Nulife Pharmaceuticals Pvt. Ltd. Pune, Contact- 020-25678942 contactus@nulifepharma.com	Ms. Nagpurkar Shweta V.	13/11/2016	22/12/2016


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Date: 31.05.2017

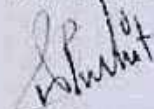
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Kailash B Choudhary is student of Marathwada Mitra Mandals college of Pharmacy Thergaon , Pune. Has undergone training in our organization from 14.04.2017 to 13.05.2017


During this period he was sincere and hard working. We wish him all the best in

his future endeavors.

For Cipla Health Ltd


TSI Pune




PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

DB/NIX

Cipla Health Limited

Regd. Off.: Tower B, 7th Floor, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai - 400013.

Tel.: 022 - 24826000. Email: ciplahealth@cipla.com

Corporate Identity Number: U24100MH2015PLC267880



Marathwada Mitra Mandal's
College of Pharmacy

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi



Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to University of Pune. ID No. PU / PN / B. Pharm / 249 / 2006

Hon. Late Shri. Shankarraoji Chavan
Founder President (1967-2004)

Shri. Shivajirao D. Ganage
Exe. President

Prin. Bhausaheb G. Jadhav
Secretary

Hon. Late Shri. Vilasraoji Deshmukh
President (2004-2012)

Dr. Manohar J. Patil
Principal

Ref: MM/COP/IITPL/2015-16

Date: 13-1-2015

To,
The Manager HRD,
Cipla Limited,
Karvekumbh MIDC.

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.


Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm and the college has started PG courses i.e. M. Pharm in Pharmaceutics and M. Pharm in Pharmacognosy (2010) and M. Pharm in Quality Assurance Techniques (2011).

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

- 1) Mrs. Vaysha D. Shelar
- 2) _____
- 3) _____

After completion of training by the student you are requested to issue them training certificate.

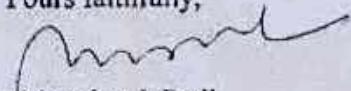
Thanking you,


Training & Placement Officer
Dr. D.B. Ambikar

Shelar
received 14/1/15



Yours faithfully,


Dr. Manohar J. Patil
Principal

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune-411 033 (MS)

Ph. No. (020) 27273993 / (020) 27273993

E - mail : mmcopharm@vsnl.co.in Website : www.mmcop.com



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Cipla

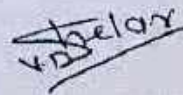
July 05, 2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Varsha D Shelar has undergone Training in Pharma Production, Pharma Packing, Quality Control, Quality Assurance & Stores department in our organization from June 21, 2016 to July 05, 2016 under the Industrial Training Programme.

We wish every success in her future career.

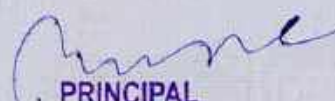

Vikas Shirsale
05 07 2016


Varsha D Shelar

Cipla Ltd. D-7 & D-8, MIDC Industrial Area, Kurkumbh, Dist. Pune - 413802
Phone (02117) 230100 Fax (02117) 235232

Cipla Ltd. Regd. Office Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai - 400 013
Phone +91 22 24626000 Fax +91 22 24626120 E-mail contactus@cipla.com Website www.cipla.com
Corporate Identity Number L24239MH1935PLC002380




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Field Trip

Academic Year-2016-17


Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033

DETAILS OF INDUSTRY/INSTITUTE VISITS FOR ACADEMIC YEAR
2016-17

Sr. No.	Industrial Visit	No of Students Participated
1	ACG Pharma Technologies Pvt, Ltd. Shirwal, Pune 20 th March 2017	59


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

**Marathwada Mitra Mandal's
College of Pharmacy**
S. No. 4/17, Sector No. 34, PCNTDA
Thergaon, Pune-411033


Date: 13/03/2017

NOTICE

All the students of B. Pharm and M. Pharm are hereby informed that an industry visit is organized at ACG Pharm Technologies Pvt, Ltd. Shirwal, Pune on 20th March, 2017 by our institute. The detailed schedule of the same is as:

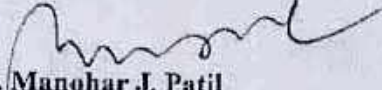
Sr. No.	Date & Time	Venue	Faculty Name
1	20 th March, 2017 10:00 am to 04:30 pm	ACG Pharm Technologies Pvt, Ltd. Shirwal, Pune.	Dr. Rahul H. Khiste Dean Training, Placement, III, and EDC. MMCOP, Pune.

All are informed to attend the same. "Attendance is compulsory"


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell

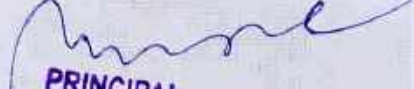



Dr. Manohar J. Patil

PRINCIPAL
(Principal)

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। योगे बहुते धित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune
Recognized Under Section 2 (f) and 12 (B) of the UGC Act, 1956



MMCOP
Reviving Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausaheb G. Jadhav
Exec. President

Shri. Kishor H. Mungale
Secretary

Recognized by National Board of Accreditation (NBA)

Ref: MM / COP/ T&P/Training Letter / 2017 /113

Date: 01/03/2017

To,
The Manager,
Human Resource department,
ACG Pharma Technologies Pvt. Ltd.,
Shirwal, Maharashtra, India.

Subject: Industrial Visit for our UG & PG students.

Reference- 1) Our request mail dated, 1st Feb.2017

2) Your mail dated, 14th Feb. 2017

Respected Sir,

With reference and subject cited above, we the undersigned, requesting you to kindly permit our UG & PG students to visit your esteemed organization (as Industrial Tour).

We are glad to provide the following information-

- 1) No. of students- B. Pharm-56 M. Pharm-10
- 2) Probable date of visit-20/03/2017 (Monday)
- 3) Ideal time-10.30 a.m.

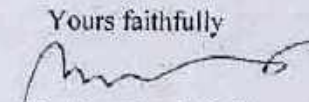
You are requested to kindly permit & oblige.

Thanking You


Dr. Rahul H. Khiste
Training & Placement Officer

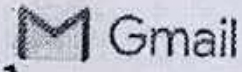



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Yours faithfully

Dr. Manohar J. Patil
Principal
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

----- *building Pharmacy Professionals through Education par Excellence* -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)
Ph. No. (020) 64100841, E - mail : mmcopharm@yahoo.co.in Website : www.mmcop.edu.in



Request for Industrial Visit

3 messages

tpo mmcop <tpommcop@gmail.com>
To: vasant.shetty@acg-world.com

Mon, Feb 13, 2017 at 12:01 PM

Respected Sir,

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics, M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). The college is approved as a Recognized Post Graduate Research Center i.e. Ph.D. (2013) and permanently Affiliated to Savitribai Phule Pune University, Pune.

We are at Marathwada Mitra Mandal's college of Pharmacy, Thergaon (Kalewadi), Pune want to organize a visit to your establishment for our Final year B Pharm (apx 50) and M Pharm (10) students with 02 accompanying staff.

So we are requesting to please suggest us the convenient Day /Date so that we can plan accordingly for the visit.

Thanking you & Regards,

Dr. Rahul H. Khiste

Associate Professor & Coordinator (Training & Placement/ IIPCCell)

Marathwada Mitra Mandal's, College of Pharmacy,

S. No. 4/17, Sector No. 34, PCNTDA

Thergaon (Kalewadi) Pune- 411033.

Contact: Phone: (020) 64100841,

Mob-9960700128

E-mail: tpommcop@gmail.com, mmcopharm@yahoo.com



PRINCIPAL

**Marathwada Mitra Mandal's
COLLEGE OF PHARMACY**

Thergaon (Kalewadi), Pune-411 037

tpo mmcop <tpommcop@gmail.com>
To: vasant.shetty@acg-world.com

Mon, Feb 13, 2017 at 3:15 PM

[Quoted text hidden]

[Quoted text hidden]

Marathwada Mitra Mandal's
College of Pharmacy.

Gmail

compose

Industrial Visit

view

rahu aware

rahu aware@acg-mumbai.com

- Inbox (14)
- Sent
- Important
- Saved
- Drafts (12)
- Trash (Sent)
- Spam (2)
- Personal
- Some items may be hidden
- More

rahu aware@acg-mumbai.com

Feb 14 (3 days ago)

to me

View details

Dear Dr. Khate,

Thanks for the inquiry for visit.

We can arrange a visit for the students. Please provide below information.

- No. of Students.
- B Pharma/M. Pharma Numbers
- Probable date of visit.
- Ideal Time

Also Please provide a letter under the name of HFI ACG Pharma Technologies saying a request for visit.

Thank you.

Thanks and Regards,

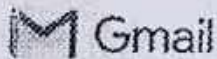
Rahul Aware,

PhD. Tech., M.Tech., PGDCTM, DEM, DM,
 Asst. Manager Process Technology Support,
 ACG Pharma Technologies Pvt. Ltd.,
 Sarvot, Maharashtra, India,
 +91 987006748
www.acg-pharmatech.com

Reply



[Signature]
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 033



tpo mmcop <tpommco@gmail.com>



Industrial Visit

1 message

rahul.aware@acg-world.com <rahul.aware@acg-world.com>
To: tpommco@gmail.com

Tue, Feb 14, 2017 at 9:29 AM

Dear Dr. Khiste,

Thanks for the inquiry for visit,

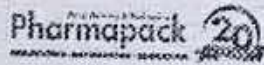
We can arrange a visit for the students. Please provide below information,

- No. of Students:
- B Pharma/M. Pharma: Numbers
- Probable date of visit:
- Ideal Time:

Also Please provide a letter under the name of HR ACG Pharma Technologies saying a request for visit.

Thank you,

Thanks and Regards,
 Rahul Aware,
 PhD. Tech., M.Tech., PGDCTM, DEIM, DIM.
 Asst. Manager Process Technology Support,
 ACG Pharma Technologies Pvt. Ltd.,
 Shirwal, Maharashtra, India.,
 +91 8879098748
 www.acg-pharmatechnologies.com



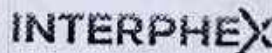
Pharmapack Europe
 U42
 Paris, France

01-Feb-2017 to 02-Feb-2017



Asia Pharma Expo
 H2-A1 South 2030
 Dhaka Bangladesh

23-Feb-2017 to 25-Feb-2017



Interphex
 S203
 New York USA

21-Mar-2017 to 23-Mar-2017



CIPM
 ES-024
 China

19-Apr-2017 to 21-Apr-2017

This email may contain confidential or privileged information for the intended recipient(s) and the views expressed in the same are not necessarily the views of ACG Worldwide group. If you are not the intended recipient(s) or have received this e-mail by error, its use is strictly prohibited, please delete this e-mail and notify the sender.




[Signature]
PRINCIPAL
 Marathwada Mitra Mandal's
 COLLEGE OF PHARMACY
 Thergaon (Kalewadi), Pune-411 031

Marathwada Mitra Mandal's College of Pharmacy
Kalewadi Phata- Pimpri Road,
Thergaon (Kalewadi), Pune-411033


INDUSTRY VISIT REPORT ACADEMIC YEAR-2016-17

Marathwada Mitra Mandal's College of Pharmacy organizes Industrial Visits for B. Pharm and M. Pharm students to upgrade the students with current updates about the industrial profession. And to provide the knowledge of new modern techniques employed in the industries. Students have visited the reputed Pharma industry, which helps to develop innovative ideas among the students for the research.

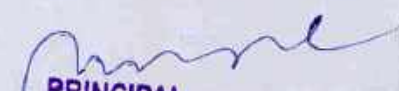
Date of visit	20 th March, 2017
Place of visit	ACG Pharma Technologies Pvt. Ltd. Shirwal, Pune
Coordinators from college	Dr. Rahul H. Khiste
Approved by	Dr. Manohar J. Patil
Participating students	59
Accompanying faculty members	Dr. Rahul Khiste
Objectives of visit	To provide students an insight regarding internal working of pharmaceutical industry for making a good professional career.
Outcome of visit	Students came to know how theoretical concepts are put to into action, thereby aiding their practical learning.


Dr. Rahul H. Khiste
Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil
(Principal)
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon (Kalewadi), Pune 411 033

List of Students Participated in Industrial Visit at ACG Pharma Technologies, Shirwal, Pune on 20/03/2017
From Final Year B.Pharm & M. Pharm (2016-17)

Sr. No.	Name of the Student	Class	Sr. No.	Name of the Student	Class
1	Attar Karishma Mehabub	B. Pharm	31	Shaikh Javed Abdul	B. Pharm
2	Budhe Anurita Rajendra	B. Pharm	32	Shelar Varsha Dadasaheb	B. Pharm
3	Berne Naniha Shankar	B. Pharm	33	Shinde Aniket Shivaji	B. Pharm
4	Blise Shubham Ashok	B. Pharm	34	Shinde Kedar Sunil	B. Pharm
5	Bodke Prameshwar Panditrao	B. Pharm	35	Shinde Seema Sudam	B. Pharm
6	Chavan Bhaskar Utsavrao	B. Pharm	36	Shingade Priyanka Vishnu	B. Pharm
7	Chopale Ashwini Dhondirao	B. Pharm	37	Sirsat Dnyaneshwar Gitan	B. Pharm
8	Dalvi Rakhi Ramdas	B. Pharm	38	Tambe Pranita Sunil	B. Pharm
9	Devkute Santosh Laxman	B. Pharm	39	Tangade Deepali Shashaji	B. Pharm
10	Didbhat Pranjali Mukund	B. Pharm	40	Telang Sharda Maroti	B. Pharm
11	Dixit Komal Rajendra	B. Pharm	41	Thorat Yashraj Prakash	B. Pharm
12	Dube Sachin Pramodprasad	B. Pharm	42	Waghmode Priyanka Bhiva	B. Pharm
13	Gaikwad Ketaki Arun	B. Pharm	43	Yadav Jyoti Narayan	B. Pharm
14	Gangavane Kiran Baban	B. Pharm	44	Mehetre Komal Chandrakant	B. Pharm
15	Gite Surekha Trumbhak	B. Pharm	45	Bhosale Priyanka Pravin	M. Pharm
16	Holkar Shekhar Sanjay	B. Pharm	46	Chavure Ankita Bhagwan	M. Pharm
17	Jawanjal Prunay Ashokrao	B. Pharm	47	Pawara Devlya Durgaram	M. Pharm
18	Kadam Kajal Gunaji	B. Pharm	48	Gudewar Chetan Shivajirao	M. Pharm
19	Kadam Swapnil Ashok	B. Pharm	49	Pawara Dinesh Chandrasingh	M. Pharm
20	Kalkar Jyoti Balkrishna	B. Pharm	50	Thube Suhag Sadashiv	M. Pharm
21	Kharat Mohini Baba	B. Pharm	51	Pawar Sharad Barku	M. Pharm
22	Kshirsagar Gouri Prabhakar	B. Pharm	52	Thonge Ashish Diganbar	M. Pharm
23	Mehta Dimple Dinesh	B. Pharm	53	Lohakare Priya Ankush	M. Pharm
24	Neelke Shivankita Shankar	B. Pharm	54	Davare Sonal Popat	M. Pharm
25	Narwade Kapil Chokhaji	B. Pharm	55	Pambude Aishwarya Shaahikant	M. Pharm
26	Parasare Priyanka Raghunath	B. Pharm	56	Mannode Ravina Shivaji	M. Pharm
27	Rathod Divyansh Shirpal	B. Pharm	57	Sutar Nivedita Prakash	M. Pharm
28	Sable Jyoti Baban	B. Pharm	58	Navasare Priya Ankush	M. Pharm
29	Sarkate Nitinkumar Madhukar	B. Pharm	59	Gaikwad Snehal Ashok	M. Pharm
30	Sayambeer Pratibha Shivaji	B. Pharm			

Dean, Training, Placement, III & EDC



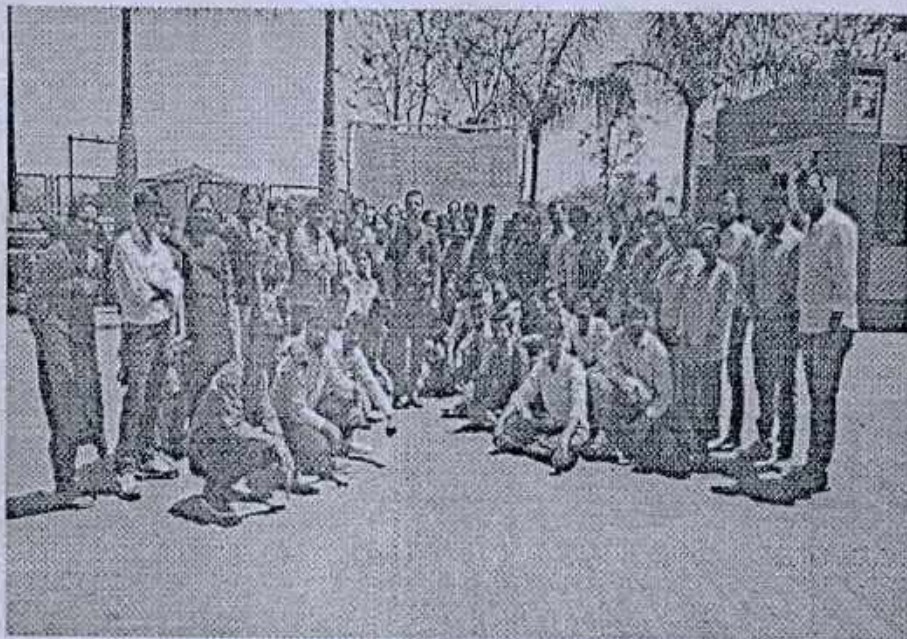
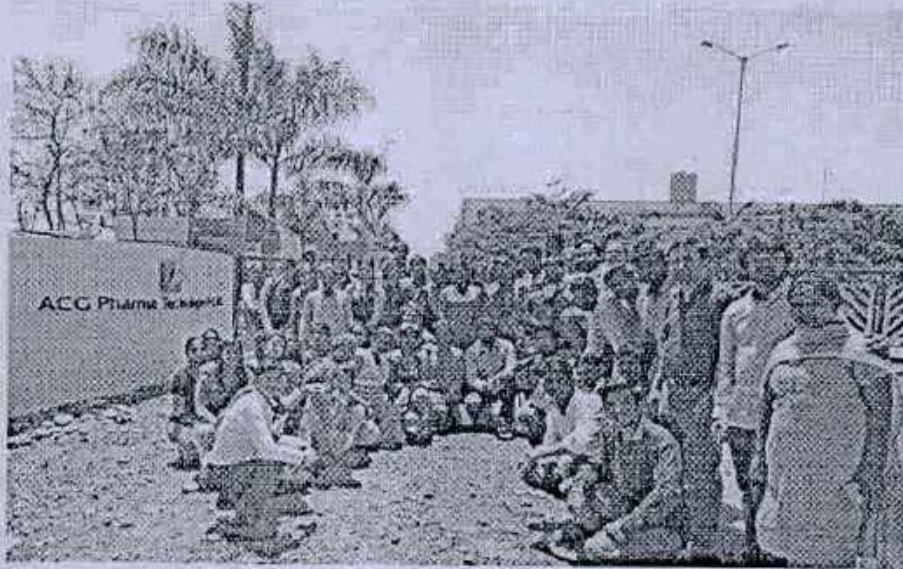
PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
THERGAON, PUNE-411033

INDUSTRY VISIT AT ACG PHARMA TECHNOLOGIES, SHIRWAL, PUNE, 2016-17




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Faculty Exchange-Training, Conferences, FDP, Seminars
completed/attended by Faculty

Academic Year-2015-16

3.5.1. Number of Collaborative activities for Research


- 1) M. Pharm Dissertation Research Project at Industry
- 2) Collaborative research by faculty with other institute resulted in publications

Academic Year-2015-16

Marathwada Mitra Mandal's
College of Pharmacy,
Thergaon, Pune-411033


M. PHARM DISSERTATION PROJECTS AT INDUSTRY DURING A.Y. 2015-16

Sr. No	Name of Student	Specialization	Industry/ Organization
1	Mr. Musale Ramesh Jijabapu	M. Pharm. Pharmaceutics	Wockhardt Limited, Aurangabad
2	Mr. Kulkarni Vishal Satish	M. Pharm. Pharmaceutics	IPCA Laboratories Ltd. Mumbai
3	Ms. Jadhav Reshma Anand	M. Pharm. Pharmacognosy	Emami Limited, Valsad, Gujrat.
4	Ms. Pawar Prachi Kashiram	M. Pharm. Pharmacognosy	Ari Healthcare Private Limited, Pune
5	Ms. Upadhyay Jayshree Sharadkumar	M. Pharm. Pharmacognosy	Ari Healthcare Private Limited, Pune


Dr. Rahul H. Khiste

Dean, Training, Placement, III & E.D. Cell




Dr. Manohar J. Patil

Principal

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Principal

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



। मेरे बहुते कित ।

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to Savitribai Phule Pune University, Pune



MMCOP
Declaring Health & Happiness

Shri. Shivajirao D. Ganage
President

Prin. Bhausahab G. Jadhav
Exe. President

Shri. Kishor H. Mungale
Secretary

B. Pharm. Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / 2015 / 508

Date: 22/06/2015

To,

The HR Manager
Wockhardt Limited
D-4 Chikhaltharan Ind. Area
MITDC, Aurangabad

Subject: M.Pharm Student Dissertation Work: No Objection Certificate there of -

Respected Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

The Institute has No Objection to carry out M. Pharm. Dissertation Work of the following student in your esteemed organization.

Sr. No.	Name of the Student	Branch
1	Ms. Musale Ramesh Jijabapu	M. Pharm. in Pharmaceutics

The Project for dissertation may be on any topic of interest of the industry and the students will have two guides for the project work i.e. one from Industry and one from the institution. The students will also report his work progress once is fortnight to institution.

Looking forward to have your co-operation in the regard.

Thanking you,



Yours faithfully,

Dr. Manohar J. Patil
PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

----- building Pharmacy Professionals through Education par Excellence -----

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)

Ph. No. (020) 27273993 / 64100841 Fax No. (020) 27273993

E-mail : mmeopharm@yahoo.co.in Website : www.mmeop.edu.in



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

December 30, 2015

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. **Ramesh Jijabapu Musale**, Student of M. Pharm from Pune University, has successfully completed his project Training from June 29, 2015 to December 30, 2015 for the period of six weeks at Wackhardt Research Centre, Aurangabad.

He has done his project on "Formulation and evaluation of Pulsatile Drug Delivery System Containing Pseudoephedrine HCl" & shown a keen interest in learning various research procedures

It is found he is to be sincere, honest and hardworking during his period in this company. To the best of our knowledge he bears good moral character.

Wish him all success in his life.

Wackhardt Research Centre



Dipakant Khisti
Floor Manager- HR


PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

December 30, 2015

TO WHOM SO EVER IT MAY CONCERN

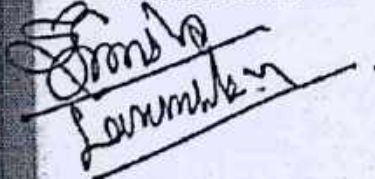
This is to certify that **Mr. Ramesh Jijabapu Musale**, Student of **M. Pharm** from **Pune University**, has successfully completed his project Training From **June 29, 2015** to **December 30, 2015** for the period of six months at **Wockhardt Research Centre, Aurangabad**.

He has done his project on **"Formulation and evaluation of Pulsatile Drug Delivery System Containing Proton Pump Inhibitor"** & shown a keen interest in learning various research procedures.

We found he is to be sincere, honest and hardworking during his period in this company. To the best of our knowledge he bears good moral characters.

We wish him all success in his life.

For **Wockhardt Research Centre**



Pramkant Khisti
Senior Manager- HR



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Marathwada Mitra Mandal's
College of Pharmacy

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to University of Pune. ID No. PU / PN / B. Pharm / 249 / 2006



Hon. Late Shri. Shankarraoji Chavan
Founder President (1967-2004)

Shri. Shivajirao D. Ganage
Exe. President

Prin. Bhausaheb G. Jadhav
Secretary

Hon. Late Shri. Vilasraoji Deshmukh
President (2004-2012)

Dr. Manohar J. Patil
Principal

B. Pharm. - Accredited by National Board of Accreditation (NBA)

Ref: MM / COP / 2015 / 207

Date: 08/06/2015

To,

The HR Manager
IPCA Laboratories Ltd.
125, Kandivli Trid. Estate
Kandivli (E) Mumbai - 400067

Subject: M.Pharm Student Dissertation Work: No Objection Certificate there of -

Respected Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm. and the college has started PG courses i.e. M. Pharm. in Pharmaceutics and M. Pharm. in Pharmacognosy (2010) and M. Pharm. in Quality Assurance Techniques (2011). Our motto is building pharmacy professionals through education par excellence.

The Institute has No Objection to carry out M. Pharm Dissertation Work of the following student in your esteemed organization.

Sr. No.	Name of the Student	Branch
1	Mr. Kulkarni Vishal Satish	M. Pharm. in Pharmaceutics

The Project for dissertation may be on any topic of interest of the industry and the students will have two guides for the project work i.e. one from Industry and one from the institution. The students will also report his work progress once is fortnight to institution.

Looking forward to have your co-operation in the regard.

Thanking you,



Yours faithfully,

Dr. Manohar J. Patil
Principal

Marathwada Mitra Mandal's

COLLEGE OF PHARMACY

building Pharmacy Professionals through Education par Excellence
Thergaon (Kalewadi), Pune - 411 033

S. No. 4/17, Sector No. 34, PCNTDA, Off Kalewadi Phata Pimpri Road, Thergaon (Kalewadi), Pune - 411 033 (MS)

Ph. No. (020) 27273993 / 64100841 Fax No. (020) 27273993

E - mail : mmeopharm@yahoo.co.in Website : www.mmcop.edu.in



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

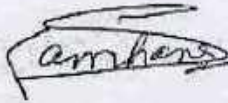
Thergaon (Kalewadi), Pune-411 033

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Vishal S. Kulkarni** has undergone training in **Product Development & Research (V2)** Department of our Organisation based at Mumbai from 16th June, 2015 to 15th December, 2015.

His training was found to be satisfactory.

For Ipca Laboratories Limited



Sameer S. Tamhane
Sr. Vice President - Human Resources

Place : Mumbai

Date : 13.07.2016



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Ipca Laboratories Ltd
www.ipca.co

16th June, 2015

Mr. Vishal S. Kulkarni
Mumbai


Dear Mr. Kulkarni,

With reference to your application dated 16th June, 2015 and subsequent discussion you had with us, we are pleased to consider you to undergo training in **Product Development & Research (V1)** Department of our organisation based at Mumbai as part of the curriculum with effect from 16th June, 2015 to 15th December, 2015 on the following terms and conditions :

1. During the training period, you shall not be entitled to any stipend.
2. You shall take keen interest in carrying out assignment, project or any other job that is given to you. If you fail to respond positively to the assignments given, the Management shall be at liberty to discontinue your training without assigning any reason or notice.
3. You shall take all safety precautions or other precautionary measures which are necessary from safety angle.
4. You will submit a report of all the jobs that you have carried out during the tenure to Product Development & Research (V1) Department.
5. During the course of training period, you shall be part of our safety drive to ensure Safety of plant, property, your colleagues and yourself. In the process, you will be part of our in house Training Seminars on Safety and may be involved in Designing, implementation, execution of Safety Procedures, Guidelines and SOPs. You will also be required to use necessary Personal Protection Equipments, while you are working, as per the Standard Norms, being followed by your other colleagues. Apart from this, you shall also comply with all the safety instruction manuals and SOPs applicable to your work, as being communicated to you from time to time. In the event of any violation of Safety Norms, Guidelines, SOPs, you will be liable for disciplinary action as per provisions of law.

...2...




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Ipca Laboratories Ltd.
www.ipca.com

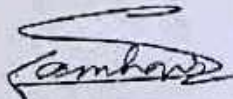
Trainee letter of
Mr. Vishal S. Kulkarni, contd...

- 2 -

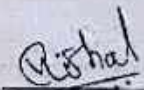
6. All documents, plans, drawings, prints, trade secrets, technical information, reports, statements, correspondence etc., written or unwritten and also information and instructions that pass through you or come to your knowledge shall be treated as confidential. You shall not utilize them for your own use or disclose to other persons during the training period.

Please sign the duplicate copy of this letter as a token of your acceptance.

Yours faithfully,
For Ipca Laboratories Limited



Sameer S. Tamhane
Sr. Vice President - Human Resources

Accepted: 
(Signature)




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Ipca Laboratories Ltd.
www.ipca.com

TO WHOM IT MAY CONCERN

This is to certify that Ms. Reshma Anand Jadhav completed her Dissertation Project work and industrial training in our organization from 05th Jan 2016 to 30th May 2016 at our Masat Plant.

During the training, her performance was satisfactory and conduct was found good.

We wish all the best for her future endeavors.


Thanking You,

Yours faithfully

For Emami Limited



(Dr. Dayanath Jha)
Authorized Signatory



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Report of the work carried out by Miss Reshma Jadhav in QC Lab of Emami limited, Vapi (Gujarat) from 24th July 2015 to 25th May 2016.


Miss Reshma Jadhav started her work for her M. Pharma degree project work, dissertation work on 24th July 2015 during the month July-August 2015 she work as trainee in our QC laboratory. Initially she was given the work on one of our product "Pancharishtha" to know the mechanism of generation of alcohol in the product but it was not materialized.

The work was dropped and was initiated with another work antimicrobial activity of some medicinal plants on November 2015. Few plants were selected. Eg.: *Indigofera tinctoria*, *Bamboosa*, *Tamarindus Indica*, *Derris Indica* on the basis of having antimicrobial activity. Finally the plant "*Tamarindus Indica*" locally known as "Imli" was selected as its leaves are having antimicrobial activity. The plant *Tamarindus Indica* was collected from the known source Zandu Foundation Research farm situated near Vapi and was authenticated by the botanist. Organoleptic characters were studied and noted down. After having done initial work of identification etc. In second stage silver nano partials were prepared and analysed by using UV spectroscopy, FTIR spectroscopy, SEM, Partial size, Zeta potential & X-ray diffraction. All these parameters were used for analysis of silver nano partials.


In April 2016 Gel formulation using Silver nano partials was evaluated and designed for the comparison using microbiological parameters. Four batches of different proportion in AgNP were prepared and comparison was carried out.

Gel formulation is evaluated by using parameters like: pH, Homogeniasity, Viscosity, spreadability, Microbial load, Antimicrobial activity analysis. In May 2016 analytical work was completed

This is to certify that Miss Reshma Jadhav has carried out all the work systematically and methodically.


(Dr. J.M. Pathak) 25/7/2016




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 037



emami limited

Branch : Plot No 82, G.I.D.C., N.H.No 8, VAPI - 396 195, Dist. Valsad (Gujarat) (INDIA), Tel: (0260) 6632100/2425222/2400697

Dec 24th 2015

TO WHOM IT MAY CONCERN

This is to certify that Ms. Reshma Anand Jadhav completed her Dissertation Project work and industrial training in our organization from 24th Jul 2015 to 23rd Dec 2015 at our Vapi Plant.

During the training, her performance was satisfactory and conduct was found good.

We wish all the best for her future endeavors.

Thanking You,

Yours faithfully

For Emami Limited

(Dilip Kumar Jha)

Authorized Signatory




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



View PDF

Conception and Evaluation of Extended Release Multiparticulate System of Milnacipran Hydrochloride

Siddharth Yerunkar^{1*}, Mukesh Ratnaparkhi², Mahesh Bhadgale², Pramod Parshuramkar²

¹Department of Pharmaceutics, Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune -411033, Affiliated to Savitribai Phule Pune University, Pune MS

²Formulation Research and Development, Centaur Pharmaceutical Pvt. Ltd., Hinjewadi Pune, India

*Corresponding Author E-mail: siddhart.y79@gmail.com

ABSTRACT:

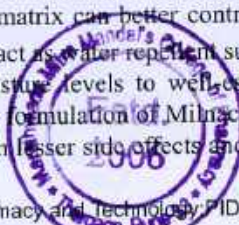
Milnacipran HCl is a selective norepinephrine and serotonin reuptake inhibitor well used drug for the treatment of depression and fibromyalgia. Milnacipran HCl belongs to biopharmaceutical class I having short elimination half-life. Milnacipran HCl recommended immediate release [IR] dose 50mg twice a day associated with frequent dosing which cause side effects, lack of patient compliance and discontinuation of therapy. To overcome such problems, the aim of the present study was to design novel once a day extended release multiparticulate system of Milnacipran HCl using Fluidized bed processor wurster coating technique. To achieve the goal, drug solution layering was done on seal coated #25 – 30 non pareil sugar spheres followed by release controlling polymer coating of Ethyl cellulose and Hydroxypropyl methyl Cellulose in the ratio 90:10 respectively. In vitro dissolution study of 10, 12, and 14% release controlling polymer coated pellets was carried in distilled water using USP type II dissolution apparatus with sinkers. Ratio of hydrophobic to hydrophilic polymer and level of coating have highest effect on drug release. Milnacipran HCl release extended for longer duration as percent of release controlling polymer coating increased. The release kinetics was explored and explained with zero order, first order, Higuchi and Korsmeyer equations. The drug release from pellets has no significant effect of pH of dissolution medium.

KEYWORDS: Milnacipran HCl, Extended release pellets, Ethyl Cellulose, Hydroxypropyl methyl Cellulose

INTRODUCTION:

Milnacipran HCl has been approved since 1997 for treatment of depression and also approved in January 2009 for treatment of fibromyalgia. Milnacipran HCl is commercially available as immediate release (IR) formulations in the form of tablets and capsules with dose of 12.5-100 mg.^[1] U.S. Patent No. 6,602,911 to paillard states "for administration orally, the compounds may be formulated as a sustained release preparation"^[3] However, patent does not describe diminishing locally and/or centrally mediated side effects.

Patent describes a prolonged release formulation of Milnacipran HCl with dosages ranging from 60-240 mg, in which 10-55% of the total dose is released within two hours between 40 and 75% in 4 hours, 70 and 90% in 8 hours and 80 and 100% of the dose released in 12 hours. Gautam Singhvi et al., worked on design and characterization of cost effective hydrophilic matrix tablets of Milnacipran HCl using Hydroxypropyl methylcellulose (HPMC).^[4] Literature revealed that multi granules extended Release [ER] formulations are better in release control than conventional matrix of single granules.^[5] It is also reported that a combination of hydrophilic and hydrophobic polymers in a matrix can better control the drug release than alone hydrophilic polymer for prolong time.^[6] Hydrophobic polymers not only act as water repellent surface, but also provide several advantages, ranging from good stability at varying pH values and moisture levels to well-established safe applications. Present work provides, once a day extended release multiparticulate pellets formulation of Milnacipran HCl which avoid higher peak plasma concentration, reduce drug plasma fluctuation which results in lesser side effects and improve therapeutic efficacy over twice a day IR tablet or capsule.



Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Free Radical Scavenging and Cytotoxic Potential of *Celosia argentea*

Rukhsana Abdul Rub^{1*}, Manohar Janardhan Patil², Areej Abdul Siddiqui¹, Priyanka Rambhau Ghorpade¹, and Alpana Subhod Moghe³

¹Department of Pharmacognosy, M.C.E. Society's Allana College of Pharmacy, Camp, Pune-411001, Maharashtra, India

²Department of Molecular and Cell Biology, MMM's College of Pharmacy, Kalewadi, Pimpri, Pune, Maharashtra, India

³Department of Molecular and Cell Biology, Rajiv Gandhi Institute of Biotechnology, Bharati Vidyapeeth University, Pune, Maharashtra, India

ABSTRACT

Introduction: Oxidative stress due to reactive oxygen species often leads to pathogenesis of chronic diseases such as cancer. Research states that a diet rich in polyphenols renders many health benefits by scavenging such harmful reactive species. *Celosia argentea* (Amaranthaceae), a common weed in India has been reported as a potential source of cheap, natural antioxidants due to its phenolic abundance. In this research work efforts were made to identify and screen the phenolic rich fractions of *Celosia argentea* for their antioxidant and anticancer potential. **Materials and Methods:** Various solvent fractions with increasing polarity were subjected to total phenolic content, followed by antioxidant assays- DPPH, ABTS and anti proliferative assays- Brine shrimp Bioassay, Antimitotic and MTT assays. **Results:** IC₅₀ value of methanolic fraction for DPPH assay was statistically significant (26.25; ***P<0.001) when compared with ascorbic acid (12.50; ***P<0.001). Also TEAC values for methanolic fraction and BHT (standard) for ABTS assay were similar (2.1; ***P<0.001) Methanolic fraction at 400 µg/ml exhibited strong cytotoxicity (9.0 ± 0.81; ***P<0.001) against brine shrimps comparable to Methotrexate at 50 µg/ml (10; ***P<0.001) and significantly reduced mitotic index from 96.8 to 38.0 (***P<0.001) which was further confirmed by MTT assay where IC₅₀ value of methanolic fraction for SiHa and MCF-7 cells was found to be 28 µg/ml with no cytotoxicity to normal cells proving its anticancer potential. **Conclusion:** This research proves antioxidant and anticancer potential of phenolic rich fraction of *Celosia argentea* and suggests it to be useful in cancer management as antifroliferative, chemo preventive and in cancer chemotherapy induced immune suppression and oxidative stress.

Key words: Antioxidant, Brine shrimp, Mitotic index, MTT, Phenolics.

INTRODUCTION

Imbalanced metabolism and excess reactive oxygen species (ROS) generation end into development of oxidative stress leading to range of disorders such as cancer, diabetes, atherosclerosis, cardiovascular diseases, Alzheimer's, Parkinson's disease, aging and many other neural disorders. Toxicity of free radicals contributes to proteins and DNA injury, inflammation, tissue damage and subsequent cellular apoptosis. Antioxidants are now being looked upon as

persuasive therapeutic as they have capability to combat by neutralizing free radicals.¹

As the natural antioxidant defense mechanism becomes inefficient, dietary intake of antioxidant is important to replenish and regenerate antioxidants that are responsible for removal of free radicals, scavenging ROS or their precursors, and binding metal ions needed for catalysis of ROS generation.² Synthetic antioxidants like BHT and BHA have their accompanied unavoidable side effects like radio-sensitization, toxicity of other chemicals, mutagenicity, and tumor formation from chemical carcinogens.³ Hence, there is a need to explore the nature and screen the medicinal plants as potent antioxidants. It is found that dietary polyphenols obtained from various herbs, spices, fruits and vegetables are found to possess anticancer effects via

*Corresponding author:

Prof. Rukhsana Abdul Rub
Head of Department (Pharmacognosy)
M.C.E. Society's Allana College of Pharmacy, Camp,
Pune-411001, Maharashtra, India
Phone No: +91-9890937588
E-mail: halrukhsan@yahoo.com

DOI: 10.5530/pj.2015.3.8



Research Article

Immunomodulatory profile of *Celosia argentea*-Activity of Isolated compounds I and II

Rukhsana A. Rub^{*1}, Manohar J. Patil², Nasreen N. Shaikh³,

Tasneem Shaikh⁴, Jaleel Ahmed⁵ and Areej A. Siddiqui¹,

¹Department of Pharmacognosy,
Padmashree Dr. D. Y. Patil Institute of Pharmaceutical Sciences & Research

²MMM's College of Pharmacy,
Kalewadi, Pimpri, Pune, Maharashtra, India.

³Research methodology,
Z.V.M. Unani Medical College & Hospital, Azim Campus, Camp, Pune.

⁴Statistician- Management of Medical & Allied Data Systems, Pune.

⁵Corresponding Author: Email: hukhrkhsa@yahoo.com.

Contact: +91-9890937888, Fax: 020-26442674

[Received-11/05/2015, Accepted-23/05/2015, Published-05/06/2015]

ABSTRACT:

Immunostimulation and immunosuppression both need to be tackled in order to regulate the normal immunological functioning. Immunomodulators not only boost immunity, but normalize it. Being safe, effective and pocket friendly, plant based immunomodulators can provide as alternatives or adjuvants to conventional drugs. The aerial parts of *Celosia argentea* Linn, a common weed found in Maharashtra are reported to be rich in flavonoids that are believed to play a significant role in body's defense mechanism. Hence the present study explores the efficacy of the compound I-Luteolin-7-O glycoside and compound II-1-(4-hydroxy-2-methoxybenzofuran-5-yl)-3-phenylpropane-1,3-dione obtained from the aerial parts of *Celosia argentea* Linn. Fresh whole plants of *Celosia argentea* Linn. were collected from Bhor, district-Pune, Maharashtra and dried in the shade at room temperature. The herbarium of the plant specimen was deposited at Botanical Survey of India, Pune. Proximate analysis was done and physicochemical constants such as moisture content, ash value, extractive value and foreign organic matter were studied using standard methods. When both the isolated compounds I and II were tested for in vivo immunomodulatory activity using Mice Paw Sensitivity test, Phagocytic Index and HA Titer parameters, it was found that Compound I exhibited impressive immunomodulatory activity (**p<0.001) followed by compound II (**p<0.01), for all the three assays. Immunosuppressive state is involved in the etiology as well as pathophysiology of many neoplastic, inflammatory and autoimmune diseases. Thus, the present research work suggests that compounds I and II of aerial parts have a significant potential for immunoregulation and may be administered as alternatives or adjuvants to therapies requiring immunomodulation, especially when the host defense mechanism has to be activated under the condition of impaired immune response in degenerative diseases.

Keywords: *Celosia argentea* Linn, Immunomodulator, Compound I, Compound II, Flavonoid

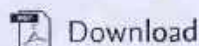
INTRODUCTION:

Immunomodulator is a substance that alters the immune response by augmenting or reducing the ability of the immune system. The substances

showing such property are called as Immunomodulatory agents. Modulator given to someone with a healthy immune system will have




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



Download

Saudi Journal of Biological Sciences

Volume 23, Issue 3, May 2016, Pages 420-425

Original article

Synthesis, characterization and evaluation of the suppression of insulin resistance in Type-II diabetes mellitus animals by treatment with metal complex

Mohini A. Phanse ^{a, b} ✉, Manohar J. Patil ^c, Konde Abbulu ^d

- ^a Modern College of Pharmacy, Nigdi, Pune, India
- ^b Jawaharlal Nehru Technological University, Hyderabad, A.P., India
- ^c Maratha Mitramandal College of Pharmacy, Kalewadi, Pune, India
- ^d Mallareddy Institute of Pharmaceutical Sciences, Hyderabad, India

Received 4 July 2015, Revised 26 August 2015, Accepted 26 August 2015, Available online 2 September 2015.

Check for updates

Show less ^

Outline | Share Cite

<https://doi.org/10.1016/j.sjbs.2015.08.017>

Under a Creative Commons license



Get rights and content

open access

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

Abstract

The present study is characterized toward thespesone isolation from *Thespesia populnea* (Malvaceae). Subsequently it was modified and characterized to study its effect on diabetes related symptoms. The complex is administered to diabetes induced mice with the doses of 5, 10 and 20 mg/kg, p.o. and the effect of complex on the level of body weight, lipid profile and blood glucose was studied after 22 days. The results have indicated that diabetic mice show a significant ($p < 0.01$) decrease in the level of serum triglyceride, plasma glucose and increase in body weight. Hence the present investigation reveals that newly synthesized c

FEEDBACK



Piper betle: A Promising Tool for Drug Permeation Enhancement of Naproxen Sodium Transdermal Gel Formulation



Sunetra K. Patwardhan^{a,*}, Manohar J. Patil^b and S. Anbazhagan^c

^aDepartment of Pharmacognosy, Sinhgad College of Pharmacy, Vadgaon(Bk), Pune, and Jawaharlal Nehru Technological University, Hyderabad, India; ^bDepartment of Pharmacognosy, Marathwada Mitra Mandal College of Pharmacy, Pimpri, Pune, India; ^cDepartment of Pharmaceutical Chemistry, Surya School of Pharmacy, Surya Nagar, GST Road, Vikravandi, Villupuram District, Tamil Nadu, India

Abstract: Background: Skin as route of administration avoids many side effects of oral administration of NSAIDS like irritation of the gastrointestinal tract, systemic toxicity and improves the patient compliance and therapeutic efficacy.

Objective: To study the influence of *Piper betle* on the permeation of Naproxen sodium gel when applied on skin.

Method: The leaves of *P. betle* were subjected to maceration using successive solvent extraction with solvents like n-hexane, chloroform, methanol and water. All four extracts were screened for preliminary phytochemical tests. The carbopol gel formulations containing Naproxen sodium (1% w/w) and selected concentrations (1% / 2% w/w) of synthetic penetrations enhancers or four herbal extracts were prepared as various batches. These formulations were subjected to characterization tests of colour, pH, viscosity, spreadability. Formulations were subjected to *ex-vivo* permeation of the drug across rat skin using Franz diffusion cell. The permeation using herbal extracts was compared with synthetic penetration enhancer, Transcutol P.

Results: The formulation containing 2% w/w of N- hexane extract showed better % cumulative release (47.97%) and flux (157.072 $\mu\text{g}/\text{cm}^2\text{h}$), as compared to synthetic enhancer transcutol P (43.11% CR and flux as 141.15 $\mu\text{g}/\text{cm}^2\text{h}$) and other extracts. Histopathology shows focal stripping of stratum corneum and normal adnexal structure in both formulations containing synthetic and n-hexane extract. But mild degeneration of epidermis and dermis was seen along with hemorrhage in skin treated with formulation containing Transcutol P.

Conclusion: *Piper betle* may be safer and better option for increasing the skin permeability of Naproxen sodium as compared to synthetic penetration enhancers.



Sunetra K. Patwardhan

Keywords: Anti-inflammatory activity, naproxen sodium, *Piper betle*, penetration enhancer, therapeutic enhancer, transdermal permeation.

INTRODUCTION

Most of the synthetic drugs and excipients/additives show adverse or toxic effects. Hence there is always need to tap new sources for safer and better options of medication in oral, parenteral as well as topical route. Currently, one can witness great resurgence of using alternative treatments and the increasing use of natural products, especially those obtained from herbs due to several

reasons. There is a great interest and medical need for the improvement or modification of therapeutic effect of a large number of drugs which are

- frequently consumed by the people and showing some side effects on chronic use
- poorly bioavailable
- toxic and expensive.
- prone to undesired effect due to drug interaction [1].

The transdermal gel formulation offers many advantages over oral route of administration. Gel formulated of small amount of solids dispersed in

*Address correspondence to this author at the Sinhgad College of Pharmacy, 44/1, Vadgaon (Bk), Off Sinhgad Road, Pune- 411041, Maharashtra, India; Tel: +91-020-25425611; Mobile: (+91) 09422910940/8007610944; E-mail: sunetrapatwardhans@gmail.com






Pharmacognosy and Phytochemistry-I


[An Experimental Handbook]

Dr. P. S. Wadkekar
Author and Editor

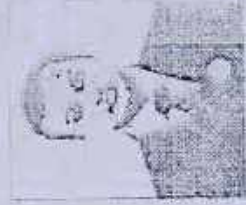



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

About the Author



Dr. V. V. Bhatnagar, Marathwada is presently working as an Assistant Professor in Pharmacognosy and Phytochemistry at SPPU, Sahakar Hospital, at Chhatrapati Sambhaji Maharaj Vastu Sangrahalaya, Mumbai. He is a graduate from VERA College of Pharmacy, Pimpri. Post graduate in Pharmacognosy and Phytochemistry from Yashwantrao Chavan College of Pharmacy, Haldolam. He is currently pursuing Ph.D. in Pharmaceutical Sciences from VIT University, Vellore. Dr. V. V. Bhatnagar was awarded National Research Fellowship by Indian Academy of Sciences, Bangalore. He is a Member of IAPT and IACS.

His international and national publications are listed below.



Dr. V. V. Bhatnagar is presently working as Principal at Anandwanth Mitra Mandali's College of Pharmacy, Pune. He is also an official Ph.D. Guide, University of Pune, Maharashtra. He is currently associated with Karpagam University, Coimbatore, Maharashtra. He is honoured with Pharmacy Teacher of the Year award in 2011 by SAH (Asian Pharmaceutical Congress) Thane, Pune. And also honoured as 'Teacher of the Year' by Savadai Mahanagar Corporation, Savadai, Dist. Pune. He has published more than 28 post graduate students articles.

His 100+ students, he has published more than 70 research papers in well reputed international and national journals.



Mail Your Order to: Neel Lokesh Publishers for Dr. V. V. Bhatnagar, Ahujapublishers.com or call
Phone: 9243332273/9243332274
Email: info@ahujapublishers.com

AHUJA PUBLISHING HOUSE



S. 152326



PRINCIPAL
Marathwada Mitra Mandali's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

PRINCIPAL
Marathwada Mitra Mandali's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

MARATHWADA MITRA MANDAL'S
COLLEGE OF PHARMACY
THERGAON, PUNE-411033

Training, Conferences, FDP, Seminars
completed/attended by Faculty at other
Institutes & Industries

Academic Year-2015-16





CURE MEDICINES (INDIA) PVT. LTD.

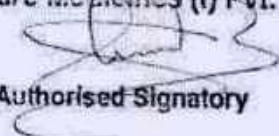
Date: 06/01/2016

CERTIFICATE

This is to certify that **Mr. Sachin K. Jagdale**, Assistant Professor at Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune-411 033, has successfully completed training in our Solid Dosage Form Department from 21/12/2015 to 06/01/2016.

We found him sincere, hardworking, technically sound and result oriented. We take this opportunity to thank him and wish him all the best for his future.

For Cure Medicines (I) Pvt. Ltd.


Authorised Signatory




PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



BOARD OF COLLEGE & UNIVERSITY DEVELOPMENT (BCUD)

INNOVATION - 2015

REGIONAL RESEARCH CONFERENCE

This is to certify that Dr./ Shri./ Smt. Pranod Liladhar Ingale
 of MMM's college of pharmacy, PCMC, Pune participated and presented
 paper / poster entitled Development and validation of RP-HPLC method for determination in the
of Anti hypertensive drugs in Biological Fluids.
 Regional Research Conference "INNOVATION - 2015" for Savitribai Phule Pune University College Teachers
 in the subject Pharma. Chemistry held at Sinhgad College of Pharmacy
 on 20-30 June 2015

Mhonidar
Coordinator

Dr. Ravindra G. Jaybhaye
O.S.D. / BCUD



Dr. Vishwas Galbraud
Director, BCUD

PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



BOARD OF COLLEGE & UNIVERSITY DEVELOPMENT (BCUD)

INNOVATION - 2015

REGIONAL RESEARCH CONFERENCE

Criteria of Participation

This is to certify that Dr./ Shri./ Smt. *Pravara*.....*Tanarelhan*.....*Patil*.....
of *Marathwada Mitra Mandal's College of Pharmacy, Pun* participated and presented
paper / poster entitled Development & Validation of Animal Models For..... in the
Screening of Pro-convulsant activity of Drugs.
Regional Research Conference "INNOVATION - 2015" for Savitribai Phule Pune University College Teachers
in the subject.....*Pharmacology*..... held at.....*Sinhgad College of Pharmacy*

29-30 June 2015

Pharjib
Coordinator

Jyoti
Dr. Anusara G. Jaybhaye
O.S.D. of BCUD

Jyoti
Principal

J
Dr. Vishwas Gaikwad
Director, BCUD



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY



BOARD OF COLLEGE & UNIVERSITY DEVELOPMENT (BCUD)

INNOVATION - 2015
REGIONAL RESEARCH CONFERENCE

Certificate of Participation

This is to certify that Dr./ Shri./ Smt. Prasad Vijay Kadam
of Marathwada Mitra Mandal's College of Pharmacy, Pune participated and presented
paper / poster entitled Identification, Isolation of Bioactive fraction of Synchronous potatoes for its antidiabetic activities in the
Regional Research Conference "INNOVATION - 2015" for Savitribai Phule Pune University College Teachers
in the subject Pharmacognosy held at Sinhgad College of Pharmacy
29-30 June 2015

M. S. ...

Dr. Kanchana G. Jaybhaye
O.S.D. / BCUD

Dr. ...
Principal

Dr. Vishwas Gokhale
Director, BCUD



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



BOARD OF COLLEGE & UNIVERSITY DEVELOPMENT (BCUD)

INNOVATION - 2015 REGIONAL RESEARCH CONFERENCE

This is to certify that Dr./ Shri./ Smt. Mukesh Pandurang Ratnaparkhi.....
of Marathwada Mitra Mandal's college of pharmacy..... participated and presented
paper / poster entitled Design and Evaluation of Targeted delivery of Gefitinib using polyethylene glycolated Multiwall carbon Nanotube...... in the
Regional Research Conference "INNOVATION - 2015" for Savitribai Phule Pune University College Teachers
in the subject Pharmaceutics..... held at Sinhgad College of Pharmacy
..... on 29-30 June 2015.....

Phonjda
Secretary

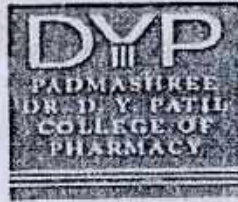
Dr. Ravindra G. Jaybhaye
O.S.D. / BCUD

Principal

Dr. Vishwas Gaikwad
Director, BCUD



Principal
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
*hergaon (Kalewadi), Pune-411 033



Dr. D. Y. Patil Prathitan's
Padmashree Dr. D. Y. Patil College of Pharmacy,
Sector- 29, Akurdi, Pune-411044



Organized &

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE), NEW DELHI
Sponsored Two days National Conference On

“Quality by Design in Pharmaceuticals”

CERTIFICATE

This is to certify that Dr./Mr./Ms./Mrs. Sachin K Jagdale has participated in All India Council Technical Education (AICTE) sponsored two days National Conference on “Quality by Design in Pharmaceuticals” conducted on 16th and 17th July 2015 as a resource person/ evaluator/ delegate/ member of Organizing Committee. His / Her active participation in this program is deeply appreciated.


Co-ordinator




PRINCIPAL
Marathwada Nitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



APTICON-2015



20th Annual National Convention of Association of Pharmaceutical Teachers of India

Organized by: Pharmacy Institutions of Madhya Pradesh
"Strategic Approaches to Strengthen Academic & Industrial Collaboration"

9th - 11th October 2015, Indore

Certificate of Participation

It gives us immense pleasure to certify that

Dr. Manohar J. Patil

participated in APTICON-2015 held at DAVV Auditorium, Takshashila Campus, Indore (M.P.)
during 9th to 11th October 2015.

Prof. Piyush Trivedi
LOC Chairman

Prof. Anil Kharia
Organizing Secretary



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



APTICON-2015



20th Annual National Convention of Association of Pharmaceutical Teachers of India

Organized by: Pharmacy Institutions of Madhya Pradesh

"Strategic Approaches to Strengthen Academic & Industrial Collaboration"

9th - 11th October 2015, Indore

Certificate of Participation

It gives us immense pleasure to certify that

Mr. Rahul H. Khiste

participated in APTICON-2015 held at DAVV Auditorium, Takshashila Campus, Indore (M.P.)

during 9th to 11th October 2015.

Prof. Piyush Trivedi
LOC Chairman

Prof. Anil Kharia
Organizing Secretary



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



APTICON-2015



20th Annual National Convention of Association of Pharmaceutical Teachers of India

Organized by: Pharmacy Institutions of Madhya Pradesh
"Strategic Approaches to Strengthen Academic & Industrial Collaboration"

9th - 11th October 2015, Indore

Certificate of Participation

It gives us immense pleasure to certify that

Mr. Shailendra S.Salvankar

participated in APTICON-2015 held at DAVV Auditorium, Takshashila Campus, Indore (M.P.)

during 9th to 11th October 2015.

Prof. Piyush Trivedi
LOC Chairman

Prof. Anil Kharia
Organizing Secretary



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

ADITYA BIRLA
MEMORIAL HOSPITAL
HEALTH • TRUST • QUALITY • HAPPINESS



3rd NATIONAL CONFERENCE



ABMH PharmaCon - 2015


17th & 18th October | Pune

Name Dr. MANOHAR J. PATIL

FACULTY

AJCI, NABH, CAP, NABL, HACCP, ISO 22000 : 2005,
RBNQA & ISO 9001 Accredited Hospital




PRINCIPAL
Marathwada Mitra Mandals
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 037



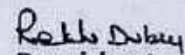
ABMH PharmaCon - 2015



Certificate Of Participation


This is to certify that MUKESH RATNAPARKHI has attended the 3rd National Conference
"ABMH PharmaCon - 2015" on Pharmacy & Medication on October 17th & 18th, 2015
conducted by 'Aditya Birla Memorial Hospital', Pune


Organising Secretary


President

Maharashtra's First Joint Commission International (JCI) and NABH Accredited Hospital




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



INDIA MUMBAI
Established July 2015

ISPOR India-Mumbai Chapter

This is to certify that

Mr. Praveen Janardhan Patil

has participated at First Conference of
Pharmacoeconomics & Outcomes Research

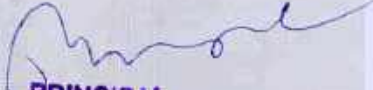
ACE Seminar Hall, Bombay College of Pharmacy, Kalina, Mumbai on January 31st 2016

Dr. Amit Dang
President

Mahendra Rai
President-elect

Organizing Committee - ISPOR India - Mumbai Chapter




PRINCIPAL
Marathwada Mitra Mandai's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 031



MAHA-APTICON 2016 & APTI-MS PHARMA AWARDS

Annual Convention of Association of Pharmaceutical Teachers of India,
Maharashtra State Branch

Certificate

This is to certify that

Pro./Dr./Mr./Ms./Mrs. MANOHAR G. PATIL

has participated in

MAHA-APTICON 2016 & APTI-MS PHARMA AWARDS

Annual Convention of Association of Pharmaceutical Teachers of India,
Maharashtra State Branch

on 20th March 2016,
at St. Charles Centenary Auditorium, Nagpur

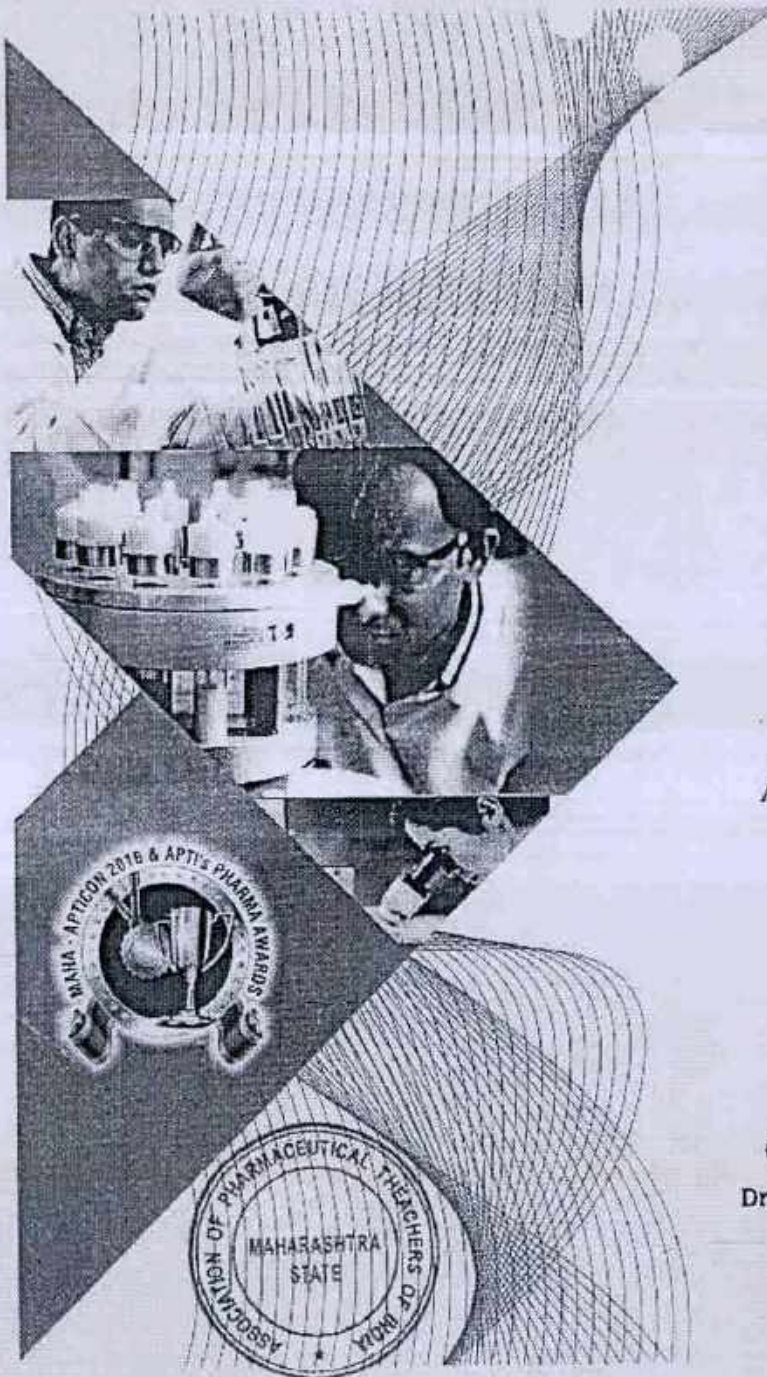
ORGANIZED BY
ASSOCIATION OF PHARMACEUTICAL TEACHERS OF INDIA
(Maharashtra State)

Dr. Milind Umekar
President

Dr. Anil Pethe
Vice President

Dr. Mohamed Dehghan
Vice-President

Dr. Sohan Chitlange
Secretary



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



ABMH PharmaCon - 2015



Certificate Of Participation

This is to certify that BABITA AGARWAL has attended the 3rd National Conference

"ABMH PharmaCon - 2015" on Pharmacy & Medication on October 17th & 18th, 2015

conducted by 'Aditya Birla Memorial Hospital', Pune

Organising Secretary

President



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune-411 037

Maharashtra's First Joint Commission International (JCI) and NABH Accredited Hospital



ABMH PharmaCon - 2015



Certificate of Participation for Paper Presentation

This is to certify that DR. DIGEMBER AMBIKAR has participated

in the Paper Presentation Competition during the National Conference on

"ABMH PharmaCon - 2015" on 17th & 18th October.

Conducted by 'Aditya Birla Memorial Hospital', Pune

Organising Secretary

Principal



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergadi, Kalewadi, Pune-411 033

Maharashtra's First Joint Commission International (JCI) and NABH Accredited Hospital



BOARD OF COLLEGE & UNIVERSITY DEVELOPMENT (BCUD)

INNOVATION - 2015

REGIONAL RESEARCH CONFERENCE

This is to certify that Dr./ Shri./ Smt. Rahul Hari Khiste.....
 of Marathwada Mitra Mandal's College of Pharmacy..... participated and presented
 paper / poster entitled Design, Synthesis & Biological Evaluation of some
Novel Triazole-oxadiazole derivatives..... in the
 Regional Research Conference "INNOVATION - 2015" for Savitribai Phule Pune University College Teachers
 in the subject Pharma. Chemistry held at Sinhgad College of Pharmacy

ON 29-30 June 2015

Mhondkar
Secretary

G. Jaybhaye
Dr. Ravindra G. Jaybhaye
O.S.D. / BCUD

Gujr
Principal

Vishwas Gaikwad
Dr. Vishwas Gaikwad
Director, BCUD



PRINCIPAL

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033



BOARD OF COLLEGE & UNIVERSITY DEVELOPMENT (BCUD)

INNOVATION - 2015

REGIONAL RESEARCH CONFERENCE

Certificate of Participation

This is to certify that Dr./ Shti./ Smt. Anuradha Arvind Ranpise of Marathwada Mitra Mandal's College of Pharmacy, Pune participated and presented paper / poster entitled Development of Self-Micro-emulsifying Drug Delivery System for Enhancing the Gastrointestinal Absorption of Poorly Soluble Drug in the Regional Research Conference "INNOVATION - 2015" for Savitribai Phule Pune University College Teachers in the subject Pharmaceutics held at Sinhgad College of Pharmacy

29-30 June 2015

Coordinator

Dr. Ravindra G. Jaybhaye
O.S.D. / BCUD

Principal

Dr. Vishwas Gailwad
Director, BCUD



PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 033

3.5.1. Number of Collaborative activities

Student Internship

Academic Year-2015-16

EMCURE PHARMACEUTICALS LIMITED


TO WHOMSOEVER IT MAY CONCERN

This is to certify that Komal Mhetre has successfully completed her Internship at Emcure Pharmaceuticals Limited. The internship program commenced on May 1, 2016 and ended on May 31, 2016 (one month duration).

At completion of her internship, Komal Mhetre is conversant with the following areas of Manufacturing pertaining to the pharmaceutical industry:

- Tablet punching machine
- Fluid Energy Mill used for suspension
- Colloid Mill
- Ultrasonifiers for emulsion
- Tablet Coater
- Ball Mill




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergach (Kalewadi), Pune-411 007

This internship certificate is being presented to Komal Mhetre following completion of internship with us.




(A.G.M. - H.R.)



। सेवे युक्तं विना ।

Marathwada Mitra Mandal's
College of Pharmacy

(B. Pharm., M. Pharm., Ph.D.)

Approved by All India Council for Technical Education,
Pharmacy Council of India, New Delhi

Recognized by Govt. of Maharashtra, Directorate of Technical Education (MS)
Permanently Affiliated to University of Pune. ID No. PU / PN / B. Pharm / 249 / 2006



Hon. Late Shri. Shankarraoji Chavan
Founder President (1967-2004)

Shri. Shivajirao D. Ganage
Exe. President

Prin. Bhausaheb G. Jadhav
Secretary

Hon. Late Shri. Vilasraoji Deshmukh
President (2004-2012)

Dr. Manohar J. Patil
Principal

Ref: MM / COP / IIPC - 2014 - 15

Date: 12/3/2015

To,

The Manager HAD,
Emure Pharmaceutical
Hinjewadi, Pune

Dear Sir / Madam,

Marathwada Mitra Mandal, Pune is a Public Charitable Trust established in 1967 by Hon. Late Shri. Shankarrao Chavan, Ex. Home Minister, Govt. of India. The Trust is further flourished and progressed under the guidance of Hon. Late Shri. Vilasraoji Deshmukh, Ex. Union Minister of Science and Technology and Earth Science, Govt. of India.

The Trust has an excellent record of running the Technical, Professional and Vocational courses at its various educational complexes at Deccan Gymkhana, Karvenagar, Thergaon (Kalewadi) and Lohgaon, Pune.

Marathwada Mitra Mandal's College of Pharmacy was established in the year 2006 to conduct Four Year Degree Course in Pharmacy i.e. B. Pharm and the college has started PG courses i.e. M. Pharm in Pharmaceutics and M. Pharm in Pharmacognosy (2010) and M. Pharm in Quality Assurance Techniques (2011).

As per the rules and regulations each student is required to undertake one month practical training as the partial fulfillment of their graduation programme (B.Pharm) and hence, I request you to kindly accommodate our below mentioned student(s) for practical training at your establishment.

- 1) Rakhi Choudhary
- 2) _____
- 3) _____

After completion of training by the student you are requested to issue them training certificate.

Thanking you,

Training & Placement Officer

Rakhi
Received



Yours faithfully,

Dr. Manohar J. Patil
Principal

Marathwada Mitra Mandal's
COLLEGE OF PHARMACY

Thergaon (Kalewadi), Pune - 411 033

----- building Pharmacy Professionals through Education par Excellence -----

Jul 06, 2015

IN-PLANT TRAINING CERTIFICATE

Name of the Student : Ms. Rakhi Choudhary
Name of the College Attended : MM College of Pharmacy, Kalewadi, Pune.
Name of the Course : B.Pharm
Duration of In - Plant Training : 01 Month
Training Period : 01st Jun 2015 to 30th Jun 2015
Conduct During Training : Good

**For Emcure Pharmaceuticals Ltd.
(Sterile Products Division)**

VS Badve

**Vaibhav Badve
Asst. General Manger**



[Signature]
**PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thane-33 (Kalewadi), Pune-411 033**

**Emcure Pharmaceuticals Limited
(Sterile Products Division)**

Plot No. - P-1, J. T. - B. T. Park - Phase II, M.I.D.C., Hirwad, Pune - 411 057 (M.S.)
Phone Nos. : +91-20-26621300 / 40240000; Fax No. : +91-20-3912100
Registered Office - Empire House, T. 104, M.I.D.C., Ghosar, Pune - 411 023
Phone Nos. : 61-20-30610000; Fax No. : 91-20-30610001
E-mail : corporate@emcure.co.in ; www.emcure.co.in
CIN - U24231PN1981PLC024251

Cipla

February 28, 2015

Registered A. D.
Speed Post

Dr Manohar J Patil
Principal
Marathwada Mitra Mandal's
College of Pharmacy
S No.4/17, Sector No.34
PCNTDA, Off Kalewadi Phada Pimpri Road
Tharegaon (Kalewadi), Pune - 411 033

Dear Dr Patil,

This refers to your letters date November 14, 2014.

In response to your request we would like to inform you that we can accommodate your student Ms Shruti Madhav for industrial training at our Patalganga unit.


We shall appreciate if you or the student confirm the arrangement well in advance, so as to enable us to schedule her training with us.

Thanking you,

Yours sincerely,


C V Torgal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Tharegaon (Kalewadi), Pune-411 033

Cipla Ltd. (Manufacturing Division) MIDC, Patalganga - 410 220, Dist.: Raigad, Maharashtra
Phone 91 (0) 2192 660900, 660400 Fax 91 (0) 2192 250819, 660506

Cipla Ltd. Regd. Office Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai - 400 013
Phone +91 22 24826000 Fax +91 22 24826120 E-mail contactus@cipla.com Website www.cipla.com
Corporate Identity Number L24239MH1935PLC002380

June 10, 2015

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Miss Shruti M Madhav has undergone inplant training with us from May 11, 2015 to June 10, 2015.

We wish her all the best in her future endeavours.

For Cipla Ltd


C V Torgal




PRINCIPAL
Marathwada Mitra Mandal's
COLLEGE OF PHARMACY
Thergaon (Kalewadi), Pune-411 037

Cipla Ltd. (Manufacturing Division) MIDC, Patalganga - 410 220, Dist.: Raigad, Maharashtra
Phone 91 (0) 2192 660900, 660400 Fax 91 (0) 2192 250819, 660506

Cipla Ltd. Regd. Office Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai - 400 013
Phone +91 22 24826000 Fax +91 22 24826120 E-mail contactus@cipla.com Website www.cipla.com
Corporate Identity Number L24239MH1935PLC002380