

# Vivekanand Education Society's College of Pharmacy Hashu Advani Complex, Near Collector's Colony, Chembur (E) Mumbai 400074

# M. Pharm. **Seminar Projects**

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# Academic Year 2020-21

### SOLID LIPID NANOPARTICLES AND THEIR APPLICATION IN TARGETING

#### Submitted by TAMANNA GIDWANI

M. Pharm First Year

In the academic year of 2020-21 UNDER THE GUIDANCE OF Dr. RAJASHREE HIRLEKAR

#### VES COLLEGE OF PHARMACY, CHEMBUR

Harshu Advani memorial complex, Chembur 2020-2021



5R 322

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmady
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

This is to certify that the project entitled 'SOLID LIPID NANOPARTICLES AND THEIR APPLICATION IN TARGETTING' by Miss Tamanna Suresh Gidwani, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm. Course, is based on her bonafide work done in the academic year 2020- 2021 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Chembur

Guide:Dr.Rajashree Hirlekar

Head of Quality Assurance Department

VES College of Pharmacy

# APPLICATION OF LIPOSOMES IN SKIN CARE PRODUCTS

Submitted by:

Ms. Kajal Shivaji Barge

M. Pharmacy (Pharmaceutics), First year
In the academic year of 2020-21

Under the Guidance of Dr. Supriya Shidhaye



5R 319

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Chembur Colony, Chembur (E), Mumbai 400074



Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
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College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074
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#### CERTIFICATE BY THE GUIDE

This is to certify that the seminar report entitled "Application of Liposomes in Skin Care products" is a bonafide work of Ms. Barge Kajal Shivaji (F.Y.M. Pharmacy Pharmaceutics, Seat No M-PH-10121) is submitted to VES College of Pharmacy.

Name of guide: Dr. Supriya Shidhaye

Sign of guide: Howalk

Date: 25/01/2024

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#### University of Mumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

Harshu Advani Memorial Complex, Chembur (E)

2020-2021

#### **CERTIFICATE**

This is to certify that the project entitled 'ADVANCES IN AQUASOME DRUG DELIVERY SYSTEMS' by Miss Komal Phoolchandra Chandra, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm. Course, is based on her bonafide work done in the academic year 2020-2021 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Chembur

Date: 06 10 2021

Dr. Rajashree Hirlekar

Byrulekar

Head of Department

Department of Quality Assurance

VES College of Pharmacy

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# TYPES OF RELEASE FROM THE DOSAGE FORMS

Submitted By:

#### MS. BHAGYASHREE K GAIKWAD

M. Pharm, First Year Pharmaceutics

In The Academic Year Of 2021-2022

SR 321

Under the Guidance of

#### Mrs. HARSHA KATHPALIA



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Page 7

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This is to certify that the Seminar report entitled

"Types of release from the dosage forms" is a bonafide work of Ms. Bhagyashree K Gaikwad

(F.Y.M. PHARMACY PHARMACEUTICS, Seat no.M-PH-10321)

submitted to VES College of Pharmacy.

Name of guide: Mrs. Harsha Kathpalia

Sign of guide: Harshe

Date: 9-10-2021

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## MUCOSAL DELIVERY OF VACCINE

#### Submitted By:

#### MR.DEEPAK BALASAHEB MAHIND

M. Pharm, Pharmaceutics, First Year

In the academic year of 2020-21

Under the Guidance of

GUIDE: DR.GANGA SRINIVASAN CO-GUIDE: DR.APARNA PALSHETKAR

VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF PHARMACY, CHEMBUR.

SR 323

Hashu Adavani Memorial Complex, Chembur (E), Mumbai-400074

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Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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University Of Mumbai

#### VES COLLEGE OF PHARMACY

Hashu Adavani Memorial Complex, Chembur (E), Mumbai-400074 2020-21

This is to certify that Mr. Deepak Balasaheb Mahind has submitted this seminar entitled, "MUCOSAL DELVIARY OF VACCINES" in the partial fulfillment of the requirement for first semester of M. Pharm course is based on his bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. Ganga Srinivasan

HOD, Dept of Pharmaceutics

Place: Chembur

Date:

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A Apaina

Dr. Aparna Palshetkar

Assistant Professor

# ADVANCEMENTS IN BRAIN TARGETED DRUG DELIVERY **SYSTEMS**

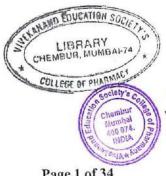
Submitted by: Samiksha Satish Mestry M.Pharm, First Year In the academic year of 2020-21

Under the Guidance of Dr.(Mrs.) Rajashree S. Hirlekar

# VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind collector colony, Chembur, Mumbai, Maharashtra 400074 University of Mumbai

SR 324



Dr. (Mrs.) Supriya S. Shidhaye Vivekanand Education Society's College of Pharmacy HAMC, Berlind Collector Colony, Chembur, Mumbai - 400 074.

Page 1 of 34

This is to certify that the project entitled 'ADVANCEMENTS IN BRAIN TARGETED DRUG DELIVRY SYSTEMS' by Miss Samiksha Satish Mestry, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm. Course, is based on her bonafide work done in the academic year 2020- 2021 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Chembur
Date: 06/10/2021

Dr. Rajashree Hirlekar Head of Department Department of Quality Assurance

Page 2 of 34

# VACCINE DELIVERY SYSTEMS

Submitted By:

Mr. Nagesh Vishnu Nabde
M. Pharm, First Year
In the academic year of 2020-2021
Under the Guidance of
Dr. Swati Mittal.
Assistant professor
(Pharmaceutics)



# VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Chembur (East), Mumbai 400074



#### UNIVERSITY OF MUMBAI

# VES COLLEGE OF PHARMACY

Hashu Advani memorial complex, chembur (E),
Mumbai-400074.
2020-2021

# **CERTIFICATE**

This is to certify that seminar entitled "VACCINE DELIVERY SYSTEMS" by Mr. Nabde Nagesh Vishnu, being submitted in the partial fulfilment of the requirement first semester of M.Pharmacy course, is based on his bonafide work done in the academic year 2020-2021 at VES College of Pharmacy, chembur Mumbai, under my guidance and supervision.

Place: Chembur, Mumbai

Date: 25/02/21

Dr. Swati Mittal Assistant professor (Pharmaceutics)

# FORMULATION STRATEGIES FOR SUSTAINED RELEASE DISINTEGRATING TABLETS

Submitted By:

Ms. Shubheksha Rai

M. Pharm, First Year Pharmaceutics

In the academic year of 2020-2022

Under the Guidance of

5R 326

Mrs. Harsha Kathpalia

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Phermacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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VES College OF Pharmacy

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy Shri Hashu Advani Memorial Complex Chembur, Mumbai-400071

This is to certify that the seminar entitled "Formulation strategies for sustained release disintegrating tablet" is being submitted by Ms. Shubheksha Rai in the partial fulfilment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2020-2021 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 9-10-2021

Mrs. Harsha Kathpalia

Assistant Professor

Department of pharmaceutics

VES College OF Pharmacy

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# ADVANCES ON GASTRO-RETENTIVE DRUG DELIVERY SYSTEM(GRDDS)

Submitted by:

MR. RAO SHUBHANG NANDKUMAR

M. PHARM, FIRST YEAR

IN THE ACADEMIC YEAR OF 2020-21.

UNDER THE GUIDANCE OF

Dr. (Mrs.) SWATI MITTAL

Associate Professor

Department of Pharmaceutics

SR 327

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai-400074



# Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "Advances on Gastro Retentive Drug Delivery System" is being submitted by Mr. Shubhang N. Rao in the partial fulfilment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MUMBAI

Date: 6th OCTOBER 2021

for Bytulekous

Dr. (Mrs.) Swati Mittal

Associate Professor,

Department of Pharmaceutics

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# SPOT-ON FORMULATIONS USED IN **VETERINARY TREATMENT**

Submitted by

Ankita Mayuresh Raut

M. Pharm, First Year Pharmaceutics

In the academic year of 2020-21

5R 328

Under the Guidance of

Mrs. Harsha Kathpalia



Dr. (Mrs.) Supriya S. Shidhay PRINCIPAL Vivekanand Education Society College of Pharmacy HAMC, Behind Collector Colony Chembur, Mumbai - 400 074.

This is to certify that the Seminar report entitled "Spot-on Formulation used in Veterinary treatment" is a bonafide work of Ms. Ankita Mayuresh Raut submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of Master of Pharmacy in Pharmaceutics.

Name of Guide: Mrs. Harsha Kathpalia

Sign of Guide:

Harshe

Date: 9-10-2021

# TRANSDERMAL DELIVERY OF VACCINES

Submitted By:

#### Miss. VIDHI DINESH SANGOI

M. Pharm (Pharmaceutics), First Year
In the academic year of 2020-21

Under the Guidance of

Guide: Dr. Ganga Srinivasan

Co Guide: Dr. Aparna Darshan Palshetkar



SR 329

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Chembur (E), Mumbai-400074.



Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
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HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074

Transdermal Delivery of Vaccines

#### **CERTIFICATE**

University Of Mumbai

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Chembur (E), Mumbai-400074
2020-21

This is to certify that Ms. Vidhi Dinesh Sangoi has submitted this seminar entitled, "TRANSDERMAL DELIVERY OF VACCINES" in the partial fulfillment of the requirement for first semester of M. Pharm course is based on her bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Aparna

Dr. Ganga Srinivasan

HOD, Dept. of Pharmaceutics

Dr. Aparna Darshan Palshetkar

Assistant Professor

Place: Chembur

Date: 25/02/21

VES College of Pharmacy

# VALIDATION

### Submitted By:

Miss-Shraddha S. Sarap

M. Pharm, First Year Pharmaceutics

In the academic year 2020-2021

Under the Guidance of

Dr. Swati Mittal

# VES COLLAGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Chembur (E),

Mumbai -400074

SP 330



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL. Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

This is to certify that the Seminar report entitled

"Validation" is a bonafide work of "Miss Shraddha Shrikant Sarap" submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of "Master of Pharmacy" in "Pharmaceutics".

Por Parhelian

Name of Guide: Dr. Swati Mittal

Sign of Guide:

Date:

### 3D PRINTING OF PHARMACEUTICALS

#### Submitted By:

#### Miss. RUCHIKA RAJARAM SATAM

M. Pharm (Pharmaceutics), First Year
In the academic year of 2020-2021

Under the Guidance of

Guide: DR. GANGA SRINIVASAN

&

Co-Guide: DR. APARNA PALSHETKAR

SR 331

VES COLLEGE OF PHARMACY, CHEMBUR.



University of Mumbai

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Chembur (E), Mumbai)-400074 2020-2021

This is to certify that the seminar entitled "3D PRINTING OF PHARMACEUTICALS" is being submitted by MS. RUCHIKA R. SATAM in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2020-21 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. Ganga Srinivasan HOD, Dept of Pharmaceutics Aparna Palshetkar Assistant Professor

Place: Chembur

Date: 25/02/21

# ADVANCES IN NIOSOMAL DRUG DELIVERY SYSTEM

SUBMITTED BY: -

Ms. VAISHNAVI SHASHANK SATHE

M.PHARM, FIRST YEAR

In the academic year of 2020-21

UNDER THE GUIDANCE OF

Dr. RAJASHREE HIRLEKAR

# VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF PHARMACY, CHEMBUR

SR 332

Harshu Adwani memorial complex, Chembur (E) 2020-2021



Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

This is to certify that the project entitled 'ADVANCES IN NIOSOMAL DRUG DELIVERY SYSTEM' by Miss Vaishnavi Shashank Sathe, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm. Course, is based on her bonafide work done in the academic year 2020- 2021 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Chembur

Date: 6th oct 2021

Fryulekas\_

Dr. Rajashree Hirlekar

Head of Department

Department of Quality Assurance

# **BIOELECTRONIC MEDICINES**

Submitted By:

Ms. Tejasvi Pandharinath Madhavi

M.Pharm ,First Year

In the academic year of 2020-2021

Under the Guidance of

Dr.Ganga Shrinivsan &

Dr. Aparna Palshetkar

SR 333

### VES COLLEGE OF PHARMACY, CHEMBUR



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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BIOELECTRONIC MEDICINES

This is to certify that the Seminar report entitled "BIOELECTRONIC MEDICINES" is a bonafide work of Ms.Tejasvi Madhavi submitted to the University Of Mumbai in partial fulfillment of the requirement for the award of the degree of Master in Pharmaceutics.

Name of Guide:- Dr.Ganga Shrinivasan

Dr. Aparna Palshetkar

Sign of Guide :- Apara

Date: - 6th OCTOBER 2021

BIOELECTRONIC MEDICINES

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#### A seminar report on

# **Film Forming Systems** for Delivery of Topical and Transdermal **Drugs**

#### Submitted By:

Mr. Vaibhav Ashok Bedse

M.Pharm, First Year

In the academic year of 2019-2020

SR334

Under the guidance of

Mrs. Ashwini Wani



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbel - 400 074.

Vivekanand Education Society College of Pharmacy Chembur, Mambai 400074

Page 1

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy Shri Hashu Advani Memorial Complex,

> Chembur, Mumbai. 2019-20

This is to certify that the seminar entitled "Film Forming Systems for Delivery of Topical and Transdermal Drugs" is being submitted by Mr. Vaibhav Ashok Bedse in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2019-20 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Mrs. Ashwini Wani

(Guide)

Department of Quality Assurance

Vivekanand Education Society College of Pharmacy Chembur, Mumbai-400074

Page 4

# HERBAL FINGERPRINTING USING HPTLC TECHNIQUE

#### SUBMITTED BY:

Ms. BHAKARE SWARALI VISHVANATH

M. PHARM, FIRST YEAR

IN THE ACADEMIC YEAR OF 2020-21

UNDER THE GUIDANCE OF

Dr. (Mrs.) ANITA AYRE

Associate Professor

Department of Quality Assurance

5R335

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector's Colony,

Chembur, Mumbai-400074

NANO EDUCATION SOCIA

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

Wivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Munibai - 400 074.

#### Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "Herbal fingerprinting using HPTLC techniques" is being submitted by Ms. Swarali Bhakare in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 12-10-2021

Dr. (Mrs.) Anita Ayre

Associate Professor,

Department of Quality Assurance

### ARTIFICIAL INTELLIGENCE IN HEALTHCARE AND IT'S APPLICATIONS

Submitted By:

Mr. SWAPNIL CHANDRAKANT GHOLAP

M. Pharm (QA), First Year

In the academic year of 2020-21

Under the Guidance of Mr. Ojaskumar D. Agrawal Assistants Professor of M. Pharm V.E.S College of Pharmacy

SR 336

VES COLLEGE OF PHARMACY, CHEMBUR.

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Hashu Advani Memorial Complex, Behind, Collector Colony, Chembur, Mumbai, Maharashtra.

VES College of Pharmacy



Page 1



Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, ARTIFICIAL INTELLIGENCE IN HEALTHCARE & IT'S APPLICATIONS is being submitted by Mr. GHOLAP SWAPNIL CHANDRAKANT in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date: 26/2/2020

Place: Mumbai

Signature of Guide

Mr. Ojaskumar D. Agrawal

Associate Professor, Dept. of QA

VES College of Pharmacy

Page 2

#### A SEMINAR REPORT ON HERBALS IN DEMENTIA

Submitted By

Arundhati Raghunath Jog

M. Pharm, First Year, Quality Assurance

In the academic year of 2020-2021

Under the Guidance of

Mr. Keyur Shastri

(Assistant Prof. Department of Pharmacognosy & Phytochemistry)



5R 337

#### VES COLLEGE OF PHARMACY, CHEMBUR

College Address

Hashu Advani Memorial Complex,

Behind Collector Colony,

Chembur, Mumbai – 400074.



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony, Chembur, Mumbel - 400 074.

#### University of Mumbai Academic Year 2020-2021

This is to certify that the Seminar report entitled Herbals in Dementia is being submitted by Ms. Arundhati Raghunath Jog in the partial fulfillment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2020-2021 at Vivekanand College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Chembur

Date: 26/02/2021

Guide Name: Mr. Keyur Shastri Ky Shashi

Signature:

#### A seminar report on

#### X Ray Crystallography

5R -

Miss. Janvi Shashikant Madhavi

Submitted By:

M.Pharm, First Year

In the academic year of 2019-2020

Under the guidance of

Mr. Ojaskumar Agarwal

EDURATION SO

Dr. (Mrs.) Sepriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Vivekanand Education Society College of Pharmacy Chembur, Mumbai-400074

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This is to certify that the seminar report entitled, 'X-Ray CRYSTALLOGRAPHY' is being submitted by Ms. Janvi Shashikant Madhavi in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the Academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date: ene-

Place: Mumbai

Signature of Guide

Mr. Ojaskumar D. Agrawal

Associate Professor,

Dept. of Quality Assurance

VES College of Financial

Page 2

Novel Herbal Antimicrobials

#### SEMINAR ON

#### **Novel Herbal Antimicrobials**

A seminar report submitted to the

Vivekanand education society's college of pharmacy, Chembur (Mumbai)

In partial fulfillment of the requirements of

#### MASTER OF PHARMACY PROGRAMME

Submitted by

Miss. Shivani Ajay Mahule

M. Pharmacy (SEMESTER-1)

Guided by

Mrs. Ashwini Wani

(Assistant professor, Department of Quality Assurance)



#### VES COLLEGE OF PHARMACY

Behind Collectors Colony, Chembur, Mumbai-400074

VES College of Pharmacy, Mumbai

O EDWENTION SOCI LIBRARY CHEMBUR, MUMBAI-7 COLLEGE OF PHARMA

Dr. (Mrs.) Sarriya,S. Shidhaye PRINCIPAL. Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

This is to certify that the seminar entitled "Novel Herbal Antimicrobials" is being presented by Miss. Shivani Mahule has been completed satisfactorily in the partial fulfilment of the requirement of the first semester of M. Pharma course at VES college of Pharmacy, Chembur, Mumbai for academic year 2020-2021.



Mrs. Ashwini Wani

(Assistant professor, Department of Quality Assurance)

VES College of Pharmacy, Mumbai

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# Academic Year 2019-20

## DRUGS CONJUGATE WITH TUMOR TARGETING DRUGS

#### Submitted By:

Ms. Harshada Vijay Maldikar
M.Pharm, First Year
In the academic year 2020-21
Under the Guidance of

SR 340

Mrs. Pradnya Korlekar



Dr. (Mrs.) Suziya S. Shidhaye
PRINCIPAL
Vivekanend Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy
Shri Hashu Advani Memorial Complex,
Chembur, Mumbai.
2020-2021

This is to certify that the seminar entitled "DRUG CONJUGATE WITH TUMOR TARGETING DRUG" is being submitted by Ms. Harshada Vijay Maldikar in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2020-21 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Mrs. Pradnya Korlekar

(Guide)

Department of Quality Assurance



Vivekanand Education Society's College of Pharmacy

#### A SEMINAR REPORT ON

## PHYTOSOMES – AS EMERGING TECHNOLOGY FOR HERBAL DRUG DELIVERY SYSTEM

Submitted By:

Ms. Nair Sowparnika Ravindran
M. Pharm, First Year
(Quality Assurance)
In the academic year of 2020-21

Under the Guidance of Mrs. Vidhi Bhatia

SR 341

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#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony,

Chembur (E), Mumbai-400074

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society

College of Pharmacy
HAMC, Behind Collector Colony
Chembur, Mumbai - 400 074.

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#### University of Mumbai

VES College of Pharmacy Hashu Advani Memorial Complex Chembur Mumbai 2020-21

This is to certify seminar entitled, "PHYTOSOMES - AS EMERGING TECHNOLOGY FOR HERBAL DRUG DELIVERY SYSTEM" by Ms. Nair Sowparnika Ravindran being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course is based on her bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision of

Place: Chabant Mumbai)
Date: 25/02/202/

Page

#### **ESSENTIAL OILS IN TOPICAL FORMULATIONS**

#### Submitted by:

Ms. Nidhi Nitin Kamble

M.Pharm, First Year

In the academic year of 2020-21

Under the guidance of

Mrs. Ashwini Wani

COLLEGE OF PHARM

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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VES College of Pharmacy, Chembur

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy
Shri Hashu Advani Memorial Complex,
Chembur, Mumbai.
2020-21

This is to certify that the seminar report entitled "ESSENTIAL OILS IN TOPICAL FORMULATIONS" is being submitted by MS. NIDHI N. KAMBLE in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academicyear 2020-21 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Mrs. Ashwini Wani

(Guide)

Department of Quality Assurance

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VES College of Pharmacy, Chembur

#### ANALYTICAL QUALITY BY DESIGN: PRINCIPLE, CHALLENGES & **OPPORTUNITIES**

#### SUBMITTED BY:

#### MS PATIL PRAJAKTA ANIL

M.PHARM, FIRST YEAR IN THE ACADEMIC YEAR OF 2020-2021

#### UNDER THE GUIDANCE OF Dr. (Mrs.) ANITA AYRE

Associate Professor Department of Quality Assurance

#### VES COLLEGE OF PHARMACY

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Elehind Collector Colony,

#### Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "Analytical Quality By Design: Principle, Challenges & Opportunities" is being submitted by Ms. Prajakta Patil in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: CHEMBUR

Date: 12-10 - 2021

Dr. (Mrs.) Anita Ayre

Associate Professor,

Department of Quality Assurance

#### HERBALS IN MIGRAINE

Submitted By: Mr. Prajwal Vasant Raut.

M. Pharm, First Year, Quality Assurance
In the academic year of 2020-21

Under the Guidance of Mr. Keyur Shastri

(Assistant Prof. Department of Pharmacognosy & Phytochemistry)



5 R 344

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Colony, Chembur, Mumbai-400074

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy AMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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#### University of Mumbai Academic Year 2020-21

This is to certify seminar entitled, "HERBALS IN MIGRAINE" by Mr. Prajwal Vasant Raut being submitted in the partial fulfilment of requirement of first semester of M. Pharm (Quality Assurance) is based on her bonafide work done in Academic Year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 26 02 2021

Mr. Keyur Shastri

Signature: KY. Shashi

posted by 21PEC I www 21pes con

#### A seminar report on

#### Particle Size Reduction for Novel Drug Delivery System

#### Submitted By:

Ms. Siddhita Gajanan Gawade M. Pharm, First Year

In the academic year of 2020-21

Under the Guidance of

Mrs. Pradnya Korlekar

SR 345



Dr. (Mrs.) Supriva S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbal - 4Page 1 of 25

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2020-21

This is to certify that the seminar entitled "PARTICLE SIZE REDUCTION IN NOVEL DRUG DELIVERY SYSTEMS" is being submitted by Ms. Siddhita Gajanan Gawade in the partial fulfillment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2020-21 at VES college of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Chembur

Date: 17 March, 2021

Dr. (Mrs.) Supriya Shidhaye

(Principal)

Mrs. Pradnya Korlekar

(Guide)

Department of Quality Assurance

Page 4 of 25



Vivekanand Education Society's College of Pharmacy

A SEMINAR REPORT ON-

Submitted by:

Ms. Sondkar Shweta Sanjay

M Pharm First Year

(Quality Assurance)

In the academic year of 2020-21

Under the guidance of

Mrs. Vidhi Bhatia

#### VES COLLEGE OF PHARMACY, CHEMBUR.

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University of Mumbai

VES College Of Pharmacy

Hashu Advani Memorial Complex

Chembur Mumbai

2020-21

This is to certify seminar entitled, "A NOVEL APPROACH TO TOPICAL DELIVERY CONTANING SMEDDS LOADED WITH HEARBAL DRUG" by Ms. Sondkar Shweta Sanjay. being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course is based on her bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Umbyo (Mumbai)

Date: 25/02/2021

Mrs. Vidhi Bhatia



VIVEKANAND EDUCATION SOCIETY COLLEGE OF PHARMACY

#### A SEMINAR REPORT ON

#### **GASTRORETENTIVE HERBAL** DRUG DELIVERY SYSTEM

Submitted By:

Ms. Asmita Kashinath Tripathi

M. Pharm, First Year

(Quality Assurance)

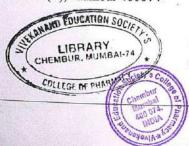
In the academic year of 2020-2021

Under the guidance of Mrs. Vidhi Bhatia

SR 347

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai-400074



Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Education Society's College of Phermacy HAMC, Benind Collector Colony, Chembur, Mumbal - 400 074.

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#### UNIVERSITY OF MUMBAI

VES College of Pharmacy Hashu Advani Memorial Complex Chembur Mumbai 2020-2021

This is to certify seminar entitled, "GASTRORETENTIVE HERBAL DRUG DELIVERY SYSTEM" by Ms. Asmita Kashinath Tripathi being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academics year 2020-2021 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: 25/02/2021

Mrs. Vidhi Bhatia

5 )

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5

## Application of bioanalysis in formulation development

#### SUBMITTED BY:

MR, ABHIJEET KONDIBARAO WADHAVE

M. PHARM, FIRST YEAR

IN THE ACADEMIC YEAR OF 2020-21

UNDER THE GUIDANCE OF

Dr. (Mrs.) ANITA AYRE

Associate Professor

Department of Quality Assurance

SR348

#### VES COLLEGE OF PHARMACY

HashuAdvani Memorial Complex, behind Collector's Colony, Chembur, Mumbai-400074



Dr. (Mrs.) Supraya S. Shidhaye PRINCIPAL.
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College of Pharmacy
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Chembur, Mumbal - 499 074

#### Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri HashuAdvani Memorial Complex Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "Application of bio analysis in formulation development" is being submitted by Mr. Abhijeet wadhave in the partial fulfilment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: CHEMBUR

Date: 12/10/2021

Dr. (Mrs.) Anita Ayre

Associate Professor,

Department of Quality Assurance

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## HETEROCYCLIC OXADIAZOLE COMPOUNDS WITH DIVERSE BIOLOGICAL ACTIVITIES

Submitted By:

Miss.Trupti Anil Gholap

M. Pharm, First Year

In the academic year of 2020-2021

Under the Guidance of

Mrs. Sonali Mehendale Munj

Assistant Professor

Pharmaceutical Chemistry Department

SR 349

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur

East, Mumbai-400074



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#### UNIVERSITY OF MUMBAI

#### VES COLLEGE OF PHARMACY

Hashu Advani memorial complex, chembur (E),

Mumbai-400074,

2020-2021

#### CERTIFICATE

This is to certify that seminar entitled "Heterocyclic Oxadiazole Compounds With Diverse Biological Activities" by Miss. Trupti Anil Gholap, being submitted in the partial fulfilment of the requirement first semester of M.Pharmacy course, is based on his bonafide work done in the academic year 2020-2021 at VES College of Pharmacy, chembur, Mumbai, under my guidance and supervision.

Place: Chembur, Mumbai

Date: 22/10/21

Mrs. Sonali Mehendale Munj

Assistant professor

(Pharmaceutical chemistry)

#### DRUG REPURPOSING

Submitted by

#### Mr. LAKHAN SUNIL RAWAS

M.Pharmacy, First year

In the academic year of 2020-2021

Under the guidance of

#### Mrs. SONALI MEHENDALE MUNJ

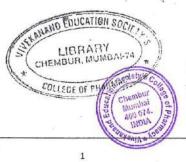
Assistant professor (pharmaceutical chemistry)



SR 352

#### VES COLLEGE OF PHARMACY, CHEMBUR

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College of Pharmacy
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Chembur, Mumbai - 400 074

### UNIVERSITY OF MUMBAI VES COLLEGE OF PHARMACY

Hashu Advani memorial complex, chembur (E), Mumbai-400074. 2020-2021

#### **CERTIFICATE**

This is to certify that seminar entitled "DRUG REPURPOSING" by Mr. Lakhan Sunil Rawas, being submitted in the partial fulfilment of the requirement first semester of M.Pharmacy course, is based on his bonafide work done in the academic year 2020-2021 at VES College of Pharmacy, chembur, Mumbai, under my guidance and supervision.

Place: Chembur, Mumbai

Date: 25/02/21

Mrs. Sonali Mehendale Munj

Assistant professor (pharmaceutical chemistry)

## The Curious Case of Coumarins: Isolation, Synthesis, Biological activities and ADMET

#### Submitted By:

#### Mr. Aaron Giles Taites

M. Pharm, First Year

In the academic year of 2021-2022

Under the Guidance of

#### Dr. Mushtaque A. S. Shaikh

Head and Associate Professor

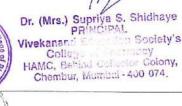
Dept. of Pharmaceutical Chemistry

SR 353

#### VES COLLEGE OF PHARMACY

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> Mumbal 400 074.



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#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex, Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "The Curious Case of Coumarins: Isolation, Synthesis, Biological activities and ADMET" is being submitted by Mr. Aaron Taites in the partial fulfilment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2020-21 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Munhai. Palt 125/02/2021

Dr. Mushtaque A. S. Shaikh

Head and Associate Professor,

Department of Pharmaceutical Chemistry

)

Antibiotic Resistance

### A SEMINAR REPORT ON ANTIBIOTIC RESISTANCE

Submitted By:

#### Mrs. NIRMALA D. PARMAR

M. Pharm, First Year

In the academic year of 2020 - 2021

Under the Guidance of

**DR. SANDIP ZINE** 



Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Ed Page A Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074,

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani memorial complex, Chembur (E), Mumbai 400074

VES COLLEGE OF PHARMACY

# Academic Year 2018-19

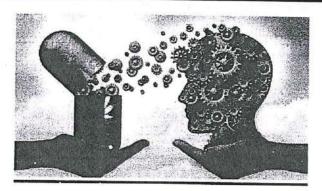
REVERSE ENGINEERING OF REFERENCE LISTED DRUG

#### A SEMINAR REPORT

Submitted to the University of Mumbai in partial fulfillment of the degree of Master of Pharmaceutical Sciences in the faculty of technology.

#### TITLE:

# REVERSE ENGINEERING OF REFERENCE LISTED DRUG



Presented by:

Matangi Ramsundar aiyer

Under the guidance of:

Mrs. Harsha kathpalia

(Department of Pharmaceutics)

Academic year: 2019-2020

VES COLLEGE OF PHARMACY

Chembur C Mandal S Alexandra S

Dr. (Mrs.) Supriya S. Shidnaya

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

UNIVERSITY OF MUMBAI VES College of Pharmacy Shri Hashu Advani Memorial Complex Chembur, Mumbai -400074

This is to certify that the seminar entitled "REVERSE ENGINEERING OF REFERENCE LISTED DRUG" is being submitted by Miss. Matangi ramsundar aiyer in the partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Charmacy HAMO, East College Colony,

Chembur, Mumbai - 400 074.
Principal

Place: Mumbai Date: 15/11/19 Chembu, in Socie

Mrs.Harsha kathpalia

(Guide)
Department of Pharmaceutics

VES COLLEGE OF PHARMACY

Dr. (Mrs.) Supriya S. Shionaya

Vivekanand Education Society's Callege of Pharmacy HAMC, Benero Collector Colony, Chembut, Mumbal - 400 074



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#### Novel ophthalmic drug delivery system

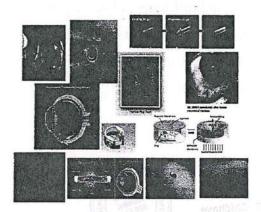
#### A SEMINAR REPORT

Submitted to the University of Mumbai in partial fulfillment of the degree of Master of Pharmaceutical Sciences in the faculty of technology.

# **Novel Ophthalmic Drug Delivery System**

Presented by:

Kajal Jagdish Bajaj



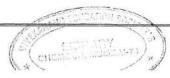
Under the guidance of:

Dr. (Mrs.) Supriya Shidhaye

(Department of Pharmaceutics)

Academic year: 2019-202(Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY



## University of Mumbai Academic year 2019-20

This is to certify that the seminar entitled "NOVEL OPHTHALMIC DRUG DELIVERY SYSTEM" is being submitted by Miss. Kajal. J. Bajaj in the partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Place: Mumbai Date: 1510119 Dr. (Mrs.) Supriya Shidhaye Principal (Guide) Department of Pharmaceutics

Dt. (Mrs.) Supriva S. Shidhaye PRINCIPAL Vivekanand Edistathor Society's College of File macy HAMC, Centra Collector Colony Chemist. Mumbal 460 074



VES COLLEGE OF PHARMACY

Page 3

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#### A SEMINAR REPORT ON

# AGROCHEMICAL NOVEL FORMULATIONS



Submitted By Miss Amrita Kaur Bedi M. Pharm, First Year In the academic year of 2019-20

Under the guidance of

Mrs. Harsha Kathpalia

VES COLLEGE OF PHARMACY CHEMBUR

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbol - 400 074.

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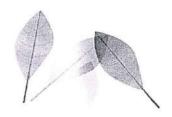
CERTIFICATE 5 3 UNIVERSITY OF MUMBAI VES College of Pharmacy 0 Shri Hashu Advani Memorial Complex Chembur, Mumbai-400 074. , This is to certify that the seminar entitled "AGROCHEMICAL NOVEL FORMULATIONS" is being submitted by Miss Amrita Kaur Bedi in the partial fulfillment of the requirement of the first semester of M.Pharm course based on her bonafide work in the academic year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision. 3 3 3 Harsha Principal Mrs. Harsha Kathpalia (Guide) 3 Department of Pharmaceutics 3 3

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Place: Mumbai

Date:





VES COLLEGE OF PHARMACY, CHEMBUR

(Mrs.) Supriya S. Sindhaye PRINCIPAL Vivekanand Education Society's



3

#### A SEMINAR REPORT ON

# INTRATUMORAL DELIVERY OF TAVOKINOGENE TELSEPLASMID



Submitted by:

#### Mr.Akhilesh.M.Chaudhari

M. Pharm, First Year

In the academic year of 2019-2020

Under the Guidance of

#### Dr. (Mrs.) Ganga Srinivasan

(H.O.D of Pharmaceutics)

VES COLLEGE OF PHARMACY



#### VES COLLEGE OF PHARMACY, CHEMBUR

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Colony, Chembur, Mumbai-400074.

VES COLLEGE OF PHARMACY, CHEMBUR

CHILDRAND FOURABBON ST.

#### University of Mumbai

#### Academic Year 2019-2020

This is to certify seminar entitled, "INTRATUMORAL DELIVERY OF TAVOKINOGENE TELSEPLASMID" by Mr. Akhilesh.M.Chaudhari being submitted in the partial fulfilment of requirement of first semester of M.Pharm (Pharmaceutics) is based on his bonafide work done in Academic Year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14/11/19

Dr. (Mrs.) Ganga Srinivasan

Signature:

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.



Dr. (Mrs.) Supriva S. Snidnaye pelacition

VES COLLEGE OF PHARMACY, CHEMBUR

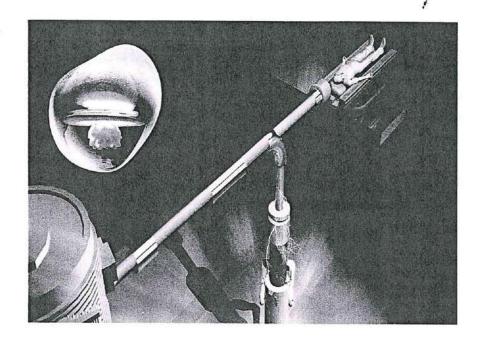
College of Pharmacy HAMC, Benind Collector Colony Chember, Mumbai - 400 074,



SEMINAR REPORT-BORON NEUTRON CAPTURE THERAPY

#### A SEMINAR REPORT ON

#### BORON NEUTRON CAPTURE THERAPY



Submitted By:

Ms. Sayli Sunil Dalvi

M.Pharm.First Year

In the academic year of 2019-2020

Under Guidance of

Dr. (Mrs.) Ganga Srinivasan



VES College of Pharmacy, Chembur

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

1

#### SEMINAR REPORT-BORON NEUTRON CAPTURE THERAPY

#### CERTIFICATE

University of Mumbai Academic year 2019-2020

This is to certify seminar entitled, "BORON NEUTRON CAPTURE THERAPY" by Ms. Sayli Sunil Dalvi being submitted in the partial fulfilment of requirement of first semester of M.Pharm(Pharmaceutics) is based on her bonafide work done in Academic Year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Place: Chembur

Date: 14/11/19

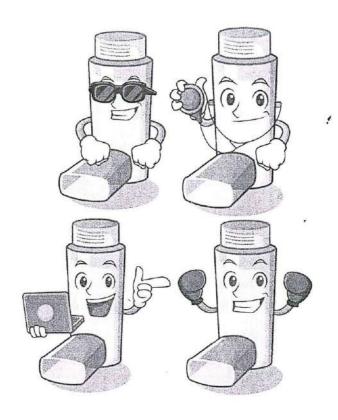
VES College of Pharmacy, Chembur

The Chember of the Solid Solid

Dr. (Mrs.) Ganga Srinivasan

Signature:

2



# SMART INHALER

"TIME TO GET SMARTER"

SHRAWAN .M. GEHLOT | M.PHARM (Pharmaceutics)



ves college of pharmacy

Chembur Mumbal 400 974.

# CERTIFICATE UNIVERSITY OF MUMBAI ACADEMIC YEAR 2019-2020

This is to certify that seminar entitled, SMART INHALER "TIME TO GET SMARTER" by Mr. Shrawan Mohanlal Gehlot being submitted in the partial fulfillment of requirement of first semester of M.Pharm (Pharmaceutics) is based on his bonafide work done in Academic year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Principal

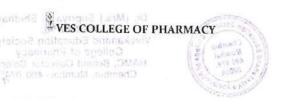
Dr. (Mrs.) Ganga Srinivasan

Signature:

Dr. (Mrs.) Supflya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.
Place: Chembur

Date:





#### A SEMINAR REPORT ON

### FILM FORMING SPRAYS



Submitted by:

Ms. Siddhi Subhash Kanade

M. Pharm, First Year

In the academic year of 2019-2020

Under the Guidance of

Dr. (Mrs.) Rajashree Hirlekar



#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial complex, Behind Collector's

Colony, Chembur, Mumbai-400074.





#### University of Mumbai

#### Academic Year 2019-2020

This is to certify seminar entitled, "FILM FORMING SPRAYS" by Ms. Siddhi Kanade being submitted in the partial fulfilment of requirement of first semester of M.Pharm (Pharmaceutics) is based on her bonafide work done in Academic Year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony Chembur, Mumbai - 400 074.

Place: Mumbai

Date: 14/11/19

Dr. (Mrs.) Rajashree Hirlekar

Parinlekar

(Guide)

Department of Pharmaceutics

# A SEMINAR REPORT ON APPLICATIONS OF SPRINKLE DOSAGE **FORM**



Submitted by:

Mr. Hamid Wajhul Qamar Khan

M. Pharm, First Year

In the academic year of 2019-2020

Under the Guidance of

Dr. (Mrs.) Rajashree Hirlekar

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial complex, Behind Collector's

Colony, Chembur, Mumbai-400074.





This is to certify that the seminar entitled "APPLICATIONS OF SPRINKLE DOSAGE FORM" is delivered and report is submitted by Mast. KHAN HAMID WAJHUL QAMAR as a part of coursework in partial fulfillment of the requirement for the award of the Degree of Master of Pharmacy at VES COLLEGE OF PHARMACY, Chembur affiliated to the MUMBAI UNIVERSITY, during the academic year 2019-20.

Postwickar

Name and signature of the guide

Dr. (Mrs) Rajashree Hirlekar

Place: Chembur, Mumbai-74

Name and signature of the Principal

Dr. (Mrs) Supriya Shidhaye

Pláce: Chembur, Mumbai-74

Dr. (Mrs.) Supriya & Shidhaye PRINCIPAL

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



Or. (Mrs.) Sopriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy

HAMC, Behind Collector Colony, Chembor, Mumbal - 400 174,



Antiviral Indigenous Herbal Plants For Herpes Zoster

#### A SEMINAR REPORT ON

# ANTIVIRAL INDIGENOUS HERBAL PLANTS FOR HERPES ZOSTER



Submitted by:

Miss. Komal Digambar Madhav

First Year M-Pharm

Academic year 2019-2020

Under the Guidance of

Dr. (Mrs.) Rajashree Hirlekar

VES College Of Pharmacy, Chembur



Harshu Advani Memorial Comlex, Behind Collector's Colony Chembur,



Mumbai 400074

Antiviral Indigenous Herbal Plants For Herpes Zoster

# CERTIFICATE

University of Mumbai

Academic Year 2019-2020

This is to certify seminar entitled, "Antiviral Indigenous Herbal Plants For Herpes Zoster" by Ms. Komal Digambar Madhav being submitted in the partial fulfilment of requirement of first semester of M.Pharm (Pharmaceutics) is based on her bonafide work done in Academic Year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal:

?

)

Dr. (Mrs.) Rajashree Hirlekar

Signature: PHULEKaz

Place: Chembur

Date: 14] 11/19

Dr. (Mrs.) Supriye S. Shidhaye PRINCIPAL

Vivekanand Education Society's College of Pharmacy HAMC, Bahind Collector Colony, Chembur, Mumbai - 400 074.

VES college of pharmacy, Chembur

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Vivekanand Edwalion Society
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HAMIC, Bennd Collecter Colony

#### A SEMINAR REPORT ON

NOSE TO BRAIN DRUG DELIVERY SYSTEM FOR CNS DISORDERS



Submitted by

Mr. Jayesh V Patil

M Pharm, First Year

In the academic year 2019-20

Under the guidance of

Dr. (Mrs). Rajashree Hirlekar

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074

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Shri Hashu Advani Memorial Complex Chembur,

Mumbai-400074

This is to certify seminar entitled, "NOSE TO BRAIN DRUG DELIVERY SYSTEM FOR CNS DISORDERS" by Mr. Jayesh V Patil being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Pharmaceutics) is based on his bonafide work done in Academic Year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Dr. (Mrs.) Rajashree Hirlekar

(Guide)

Pithelekar,

Department of Pharmaceutics

Dr. (Mrs.) Supplya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Chembur College College Chembur College Chembur College Chembur College Colleg

Place: Mumbai

Date:

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

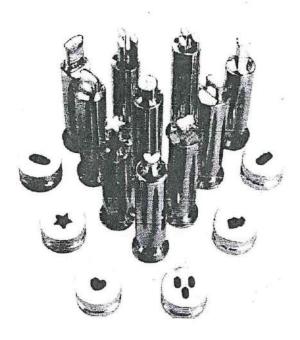
VES COLLEGE OF PHARMACY, CHEMBUR.

Chembur, Mumbai - 400 074



#### A SEMINAR REPORTS ON

# TABLET TOOLING DESIGN



PREPARED BY: Miss. KARISHMA GUNWANT PATIL

(FIRST YEAR M. PHARM)

**GUIDE:** Mrs. HARSHA KATHPALIA

(ASSISTANT PROFESSOR)

**BRANCH: PHARMACEUTICS** 



Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colory,
Chembur, Mumbai - 400 074.

Chembur Mumbal 400 074.

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#### UNIVERSITY OF MUMBAI VES COLLEGE OF PHARMACY

#### Shri Hashu Advani Memorial Complex

Chembur, Mumbai- 400074

This is to certify that the seminar entitled "TABLET TOOLING DESIGN" is being submitted by Miss. Karishma G. Patil in the partial fulfillment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2019-20 at VES COLLEGE of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Harsha Mrs. Harsha Kathpalia

(Guide)

Department of Pharmaceutics

Date: 15-11-19

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chamber Mumbal 400,074, pp.

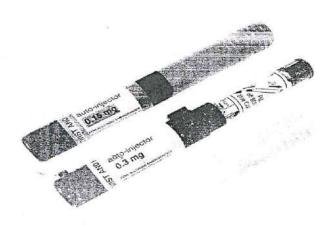
Chembun MUES COLLEGE OF PHARMAC

Un (Mrs.) Supriya S. Shidhaye PathCiPAL Vivekanand Edizotion Society's College of Frankey PAMC, Berlind Collector Colony, Chembur, Munical, 40n 074



#### A SEMINAR REPORT ON

#### DEVICE DESIGN: AUTOINJECTOR.



Submitted By Miss. Aishwarya.H.Phalke M.Pharm,First Year In the academic year of 2019-2020

Under the guidance of Dr ( Mrs) Ganga Srinivasan.

#### **VES College of Pharmacy**

Shri Hashu Advani Memorial Complex Chembur, Mumbai400074



#### UNIVERSITY OF MUMBAI

Academic year 2019-2020

This is to certify that the seminar entitled "Device Design: Autoinjector" is being submitted by Miss. Aishwarya.H. Phalke in partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2019-2020 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Mumba 400 074

Principal

Dr (Mrs) Canga Srinivasan

(Guida)

HOD of Pharmaceutics

Place: Mumbai Date: 15/11/19.

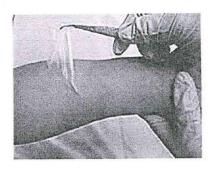
Dr. (Mrs.) Supriya 5. Shidhaye PRINCIPAL
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HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. (Mrs.), Supraya S. Shidhaye PRINCIPAL Vivels an and Education Society's Street College of Pharmacy



#### A SEMINAR REPORT ON

# FILM BASED DRUG DELIVERY SYSTEM





Submitted by

Miss. Saily S. Shinde

First Year M.Pharm

Academic year 2019-2020

Under the Guidance of Mrs. Harsha Kathpalia







#### VES COLLEGE OF PHARMACY

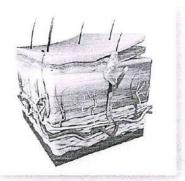
Hashu Advani Memorial Complex,
Behind Collectors Colony, Chembur, Mumbai- 400074

Dr. (Mrs.) Supplya S. Shidnayo PRINCIPAL Vivekanend Education Society's College of arrandocy HAMC, Bellind Collector Colony, Chembur, Memoal -400 014



#### DERMATORING

#### A SEMINAR REPORT ON



#### SUBMITTED BY

Miss. Bhavisha M. Wadhwani Master of Pharmacy, First Year **Branch-Pharmaceutics** In the academic year of 2019-2020



Under the guidance of

Mrs. Harsha kathpalia

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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#### DERIVATORINE DE S

#### CERTIFICATE

UNIVERSITY OF MUMBAI VES College of Pharmacy Shri Hashu Advani Memorial Complex, Chembur, Mumbai- 400074

This is to certify that the seminar entitled "DERMATOKINETICS" is being submitted by Miss. Bhavisha M. Wadhwani in the partial fulfilment of the requirement of the first Semester of M.Pharm course based on his bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

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Principal

Harsha

Miss. Harsha Kathpalia Assistant professor (Guide)

Department of Pharmaceutics

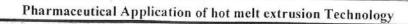
Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL

Place: Mumbai Date: 15-11-19 Chembur Mumbai 490 974, 100 MDIA

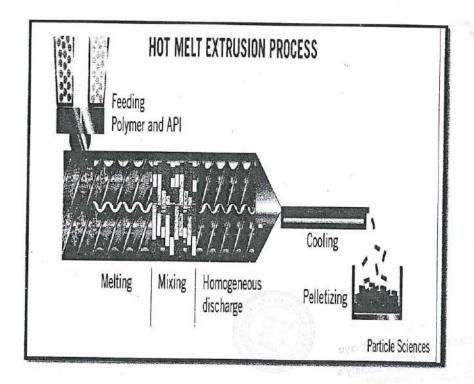


evering and the west coulded of Pharmacy (Chembur)



#### A SEMINAR REPORT ON

## PHARMACEUTICAL APPLICATION OF HOT MELT EXTRUSION TECHNOLOGY



Submitted By

Miss. Vantika .Y. Yadav

M.Pharm, First Year

In the academic year of 2019-20

Under the Guidance of

Dr. (Mrs.) Supriya Shidhaye

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

1 | Page

VES college of pharmacy

#### Pharmaceutical Application of hot melt extrusion Technology

#### CERTIFICATE

#### University of Mumbai

Academic Year 2019-2020

This is to certify that the seminar entitled "PHARMACEUTICAL APPLICATION OF HOT MELT EXTRUSION TECHNOLOGY " is being Submitted by Miss. Vantika .Y. Yadav in the partial fulfillment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
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HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Dr. (Mrs.) Supriya shidhaye

Principal (Guide)

Department of Pharmaceutics

Place: Mumbai

Date: 15/11/19

Chira, Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Todiety's
College of Franciery
HAMC, Estrait Collecter Colony
Chember Mumbal - 400 073

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VES college of pharmacy

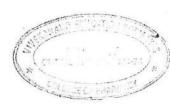




# HERBALS FOR PSORIASIS

Submitted by: Aswathi Thankam Peter (FY MPHARM QA)
Under the guidance of: MR. KEYUR SHASTRI
(ASSISTANT PROFESSOR) | Department of Quality Assurance
VES College of pharmacy, Hashu Advani Memorial Complex, Behind
Collector Colony, Chembur (East)Mumbai - 400074.







#### UNIVERSITY OF MUMBAI

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (East) Mumbai - 400074

2019-2020

This is to certify that Ms. Aswathi Thankam Peter has submitted a seminar on 'Herbal for Psoriasis' in the partial fulfilment of the requirement of First semester of M pharm course, is based on her bonifide work done in the academic year 2019-2010 at VES college of pharmacy, Chembur, Mumbai-400074 under my guidance and

supervision,

Dr. (Mrs.) Supriya & Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Place: Mumbai

Date: 15 11 2019

ASSTT. PROFESSOR

Or. (Mrs.) Supriya S. Chidhaye

VES COLLEGE OF PHARMACY Chembus Mumbai - ettl 024

Page 1

#### A seminar report on

# EXPLORING BOTANICALS TO COMBAT ANTIBIOTIC RESISTANCE

#### Submitted By:

Ms. Aishvi Dharmendra Bajpai
M.Pharm, First Year
In the academic year of 2019-2020
Under the guidance of
Mrs. Ashwini Wani



1

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2019-20

This is to certify that the seminar entitled "EXPLORING BOTANICALS TO COMBAT ANTIBIOTIC RESISTANCE" is being submitted by Ms.AISHVI D. BAJPAI in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2019-20 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Mrs. Ashwini Wani

(Guide)

Department of Quality Assurance

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

AMC, Barlind Collector Colony, Chembur, Mumbai - 480 074,

A Seminar Report on

#### **CURRENT PROSPECTIVES IN BIOANALYSIS**

A Report Submitted

To

#### University of Mumbai

In the partial fulfilment for the degree of

MASTER OF PHARMACY

Ву

#### Ms. CHOUDHARY PAYAL TARARAM

in the academic year

2019-20

Under the guidance of

Mr. OJASKUMAR D. AGRAWAL

ASSISTANT PROFESSOR,

DEPARTMENT OF QUALITY ASSURANCE

Vivekanand Education Society's College of Pharmacy, Mumbai-400074





#### Current Prospectives in Bioanalysis



#### Vivekanand Education Society's College of Pharmacy, Mumbai

#### **CERTIFICATE**

This is to certify that the seminar report entitled, 'CURRENT PROSPECTIVES IN BIOANALYSIS' is being submitted by Ms. CHOUDHARY PAYAL TARARAM in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date: 15/11/2019

Place: Mumbai

Dr. (Mrs.) Suprilya S. Shidhaye
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Avekanand Education Society
College of Pharmacy

Signature of Guide

Mr. OjasKumar D. Agrawal

Assistant Professor,

Dept. of Quality Assurance

Page 1



#### Vivekanand Education Society's College of Pharmacy

#### A SEMINAR REPORT ON

#### NOVEL DELIVERY SYSTEMS AND CURRENT TRENDS IN COSMETICS.

#### Submitted by:

DANGAT SONALI DATTATRAYA

M Pharm First Year

(Quality Assurance)

In the academic year of 2019-20

Under the guidance of Mrs. Vidhi Bhatia

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai-400074

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074

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#### CERTIFICATE

University of Mumbai

VES College Of Pharmacy Hashu Advani Memorial Complex Chembur Mumbai

2019-20

This is to certify seminar entitled, "NOVEL DELIVERY SYSTEMS AND CURRENT TRENDS IN COSMETICS." by Miss. Dangat Sonali Dattatraya. being submitted in the

partial fulfillment of the requirement of First Semester of M. Pharm course is based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Date:

Dr. (Mrs.) Subriya S. Shidhaye
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College of Pharmacy
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Chembur, Mumbai - 400 074.

Dr. (Mrs.) Subriya S. Shidhaye PRINCIP**jeq | C** Vivekanand Education Society's College of Pharmacy HAMC, Bahind Collector Colony, Chembur, Mumbal - 400 074

Mrs. Vidhi Bhatia



# DIFFERENT APPROACHES FOR RISK ASSESSMENT IN QbD

SUBMITTED BY:

PALAK PRADEEP KARIA

FIRST YEAR M. PHARMACY

DEPARTMENT: QUALITY ASSURANCE

UNDER THE GUIDANCE OF:

Dr. ANITA AYRE - Associate Professor, Dept. of Quality Assurance



# V. E. S. COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, behind collector colony, Chembur (E), Mumbai-400074



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Celony, Chembur, Mumbai - 400 074.

# UNIVERSITY OF MUMBAI

V. E. S. College of Pharmacy

Shri Hashu Advani memorial complex, Chembur,

Mumbai 2019-20

This is to certify that the seminar entitled "Different approaches for Risk Assessment in QbD" is being submitted by Ms. Palak Pradeep Karia in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2019-20 at V. E. S. College of Pharmacy, Chembur, Mumbai, under the guidance and supervision of Dr. Anita Ayre.

PLACE: CHEMBUR

DATE: 25/11/19

Dr. (Mrs.) Supriva S. Shidhaye

Vivekanand Education Societ College of Pharmacy HAMO, Behind Collegtor C

Chembur, Mumbal - 400

date

Dr. ANITA AYRE

**Associate Professor** 

Department of Quality Assurance

Or. (Mrs.) Sufriya S. Stridhaye PRINCIPAL Vivelanand Education Society's College of Pharmacy HAMC, Berlind Collector Calego, Chembur, Mambal - 400 GHz.



# FILM FORMING SPRAY

### NOVEL APPROACH TO TOPICAL DELIVERY,

Submitted to

# University of Mumbai

MISS. SANIKA SHARAD KUVESKAR

#### FIRST YEAR M. PHARM

in the academic year of 2019-2020

Under the guidance of

MRS. ASHWINI WANI



VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF PHARMACY **MUMBAI** 

2019-2020



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

# CERTIFICATE

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy Shri Hashu Advani Memorial Complex, Chembur, Mumbai.

This is to certify that the seminar entitled "FILM FORMING SPRAY: NOVEL APPROACH TO TOPICAL DELIVERY" is being submitted by Ms. Sanika Sharad Kuveskar in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2019-20 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Mrs. Ashwini Wani

(Guide)

Department of Quality Assurance

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Benind Collector Colony,
JACIONISH Chembur, Mumbai - 400 074.

#### A Seminar Report on

# Hyphenated Techniques for Herbal Analysis

A Report Submitted To

#### University of Mumbai

In the partial fulfilment for the degree of

Master of Pharmacy

By

Miss. Miloni Tarun Lalka

Under the guidance of

Mr. Ojaskumar D. Agrawal

Assistant Professor, Dept. of Quality Assurance



Vivekanand Education Society's College of Pharmacy, Mumbai-400074 2019-20





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



## Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, 'Hyphenated Techniques for Herbal Analysis' by miss. Miloni Tarun Lalka being submitted in the partial fulfilment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date:

Place: Mumbai

Signature of Guide

Mr. Ojaskumar D. Agrawal

Assistant Professor

Dept. of Quality assurance

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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Oc (Mrs.) Sugrice S. Shidnaye PRINCIPAL Vivekanand Education Society s College of Pharmacy HAMC, Benind College (Colory HAMC), Benind College (Colory Society), AMC, Benind College (Colory Society), AMC, Benind Colory (Colory Society), AMC, Benind Colory (Colory Society), AMC, Colory (Colory Society), AMC,



# A SEMINAR REPORT ON HERBALS FOR AIDS

Submitted By:

Ms. SONALI. G. PADEKAR.

First Year M Pharm (Quality Assurance) In the academic year of 2019-2020



Under the guidance of Mr. Keyur Shastri (Assistant Professor) VES COLLEGE OF PHARMACY, CHEMBUR Harshu Advani Memorial complex, Behind collector's

Colony, chembur-400074



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY

Page 1



## Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, 'Herbals for AIDS' by miss. Sonali Padekar being submitted in the partial fulfillment of the requirement of first semester of M Pharm course is based on her bonafide work done in academics year 2019-20 at VES college of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Date: 15 11 2019

Ky Shastri Signature of Guide

Mr. Keyur Shastri (Assistant Professor)

Dept. of Quality Assurance

Place: Mumbai

Chambur Sollar

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. (Mrs.) Supriya S. Shidhaye PRIVICIPAL Vivekgnand Education Society's College of Pharmac, HAMO, Exercit Colleges Colleges Colleges Colleges Colleges March 1974



VES COLLEGE OF PHARMACY

Page 2

# DRIED MATRIX SPOTS- REGULATORY ASPECTS AND FUTURE CHALLENGES

## SUBMITTED BY:

PATANKAR BHAIRAVI DHANANJAY MADHAVI M.PHARM FIRST YEAR IN THE ACADEMIC YEAR OF 2019-2020

UNDER THE GUIDANCE OF DR. (MRS.) ANITA AYRE

Associate Professor

Department of Quality Assurance

VES COLLEGE OF PHARMACY



Dr. (Mrs.)/Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

# Certificate

# UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "Dried Matrix Spots-Regulatory aspects and future challenges" is being submitted by Ms. Bhairavi Patankar in partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: CHEMBUR

Date: 25 NOV

Dr. (Mrs.) Sepriya S. Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. (Mrs.) Anita Ayre Associate Professor,

Department of Quality Assurance

Or. (Mrs.), Supriye S. Snidhaye PHINC(PAL)
Vivekanand Edircation Society's College of Frankacy HAMC, Behind College ofor Colony Chember, Mamber 400 074

# LIPID BASED TOPICAL FORMULATIONS

Submitted to

University of Mumbai

Mr. Patil Piyush Nitin

First Year M.PHARM

In the academic year of 2019-20

Under the Guidance of

Mrs. Ashwini Wani



#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, behind collector colony,

Chembur (E), Mumbai-400074

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES College of pharmacy, Chembur

Page 1

## UNIVERSITY OF MUMBAI

# VES college of Pharmacy

# Shri Hashu Advani memorial complex, Chembur,

#### Mumbai 2019-20

This is to certify that the seminar entitled "LIPID BASED TOPICAL FORMULATIONS" is being submitted by Mr. Patil Piyush Nitin the partial fulfillment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

PLACE:

DATE:

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

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System of a collector Colony,
Chembur Hambai - 400 074.

# **MULTIVARIATE ANALYSIS:** CONCEPT AND APPLICATIONS IN **PHARMACEUTICALS**

SUBMITTED BY:

Mr. RANGNEKAR SAMARTH SUDHIR

M. PHARM, FIRST YEAR

IN THE ACADEMIC YEAR OF 2019-20

UNDER THE GUIDANCE OF

Dr. (Mrs.) ANITA AYRE

Associate Professor

Department of Quality Assurance



VIVEKANAND EDUCATION SOCIETY'S,

LEGE OF PHARMACY, CHEMBUR- 400074.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

Vivekanand Education Society's College of Pharmacy

HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY

# Certificate

#### UNIVERSITY OF MUMBAI



# VES College of Pharmacy

# Shri Hashu Advani Memorial Complex Chembur,

## Mumbai- 400071

This is to certify that the seminar entitled "Multivariate Analysis: Concept and Applications in Pharmaceuticals" is being submitted by Mr. Samarth Rangnekar in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: CHEMBUR

Date: 25/11/19

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Fharmacy HAMC, Sehind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY

Dr (Mrs) Anita Ayre,

Associate Professor,

Department of Quality Assurance

#### A Seminar Report on

## SIX SIGMA METHOD AND HERBAL ANALYSIS

A Report Submitted To

#### University of Mumbai

In the partial fulfilment for the degree of

**Master of Pharmacy** 

Ву

#### Mr. MANGALESH DILIP RAWLE

Under the guidance of

Mr. OJASKUMAR D. AGRAWAL

Assistant Professor, Dept. of Quality Assurance



Vivekanand Education Society's College of Pharmacy, Mumbai-400074 2019-20





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



#### Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, 'SIX SIGMA METHOD AND HERBAL ANALYSIS' by Mr. Mangalesh Dilip Rawle being submitted in the partial fulfilment of the requirement of first semester of M.Pharm course is based on his bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date:

Place: Mumbai

Vivekanand Education Society's College of Pharmacy HAMC, Betind Calector Colony, Chembur, Mumbai - 400 074.

Signature of Quide

Mr. Ojaskumar D. Agrawal

Assistant Professor

Dept. of Quality assurance



# HERBALS AS NEPHROPROTECTIVE AGENTS

SUBMITTED BY: SHIVANI A. SHELKE

M. Pharm First Year (Quality Assurance)

SEMESTER 1

In the academic year of 2019-2020

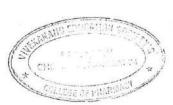
UNDER THE GUIDANCE OF : Mr. KEYUR V. SHASTRI
(ASSISTANT PROFESSOR)
Department of Quality Assurance

VES COLLEGE OF PHARMACY, CHEMBUR.



VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF PHARMACY , CHEMBUR





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

1

#### CERTIFICATE



VES COLLEGE OF PHARMACY , CHEMBUR Hashu Advani Memorial Complex , Chembur (E) Mumbai- 400074

2019-2020

This is to certify that Ms. Shivani Ashok Shelke has submitted a seminar on 'HERBALS AS NEPHROPROTECTIVE AGENTS' in the partial fulfilment of the requirement of First semester of M pharm course, is based on her bonifide work done in the academic year 2019-2010 at VES college of pharmacy, Chembur, Mumbai-400074 under my guidance and supervision.

Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400, 974.

Place: Mumbai

Date: 15 11 2019

Dr. (Mrs.) Supriya S. Shidhaye PRHICIPSE. Vivekanand Education Society's College of Pharmacy HAMC, Buhind Collector Colony. Chembur, Mumbal - 400 nrs. KY Shastin

MR. KEYUR SHASTRI ASSTT. PROFESSOR

1



Vivekanand Education Society's College of Pharmacy .

#### A SEMINAR REPORT ON

## HERBAL REMEDIES FOR OPHTHALMIC DISEASES

#### Submitted by:

Jueeli Mahesh Shiriskar
M Pharm First Year
(Quality Assurance)
In the academic year of 2019-20

Under the guidance of Mrs. Vidhi Bhatia

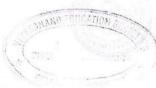
## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony,

Chembur (E), Mumbai-400074



**1** | Page



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### CERTIFICATE

#### University of Mumbai

VES College Of Pharmacy

Hashu Advani Memorial Complex

Chembur Mumbai

2019-20

This is to certify seminar entitled, "HERBAL REMEDIES FOR OPHTHALMIC DISEASES" by Miss. Jueeli Mahesh Shiriskar being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course is based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Munbai chembrer Date: 7/12/19

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony.

Chembur, Mumbai - 400 074

Of Wilst Supriya S. Shidhaye FRINCIPAL FUNCIPAL College of Flarmacy HAMC, Behind Collectorages 12 Cheribus Mambal. 406 or standard Cheribus Mambal. 406 or standard Standard Cheribus Mambal. 406 or standard Standard Cheribus Mambal. 406 or standard Standar Chembur, Mumbal - 400 074





Vivekanand Education Society's College of Pharmacy

#### A SEMINAR REPORT ON

#### HERBAL REMEDIES FOR ANXIETY

#### Submitted by:

Manasi Sudhakar Sutar

M Pharm First Year
(Quality Assurance)

In the academic year of 2019-20

Under the guidance of Mrs. Vidhi Bhatia

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai-400074



THAIN SOUCHUL

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### CERTIFICATE

#### University of Mumbai

VES College Of Pharmacy

Hashu Advani Memorial Complex

Chembur Mumbai

2019-2020

This is to certify seminar entitled, "HERBAL REMEDIES FOR ANXIETY" by Miss. Manasi Sudhakar Sutar being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course is based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Dr. (Mrs.) Subriya S. Shidnaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai: 400 074

Weekanand Eulucation Society's College of Parimacy HAMC, Behind Collector Colony, Chembur, Mumbal - 100 074.



# FALCIPAIN 2: A POTENTIAL DRUG TARGET FOR ANTIMALARIAL DRUGS

SUBMITTED BY:

#### Mr NACHIKET JITENDRA JOSHI

M.PHARM First year

In the academic year of 2019-20

UNDER THE GUIDANCE OF:

## Dr. MUSHTAQUE SHAIKH



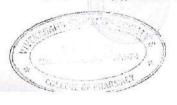


Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

# VES COLLEGE OF PHARMACY, CHEMBUR

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VES College of Pharmacy



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## University of Mumbai

#### VES COLLEGE OF PHARAMCY, CHEMBUR

Hashu advani memorial complex, Chembur, Mumbai-400071 2019-2020

## **CERTIFICATE**

This is to certify that seminar entitled "Falcipain 2: A promising target for antimalarial drugs" by Nachiket Jitendra Joshi, being submitted in the partial fulfilment of the requirement first semester of M.Pharm course, is based on his bonafide work done in the academic year 2019-20 at VES college of pharmacy, Chembur, Mumbai, Under his guidance & supervision.

Place: Chembur

Date: 14.11.2019

Dr. Mushtaque Shaikh

HOD of Pharmaceutical Chemistry

Did (Hines) Switched'S Dahramayelv you mant Education-Society's 'College and Rhatmanyon's HAMC, Behind Collector Colony, Chambur, Mumbai - 400 074

VES College of Pharmacy

3

PHYTOCONSTITUENT AS EFLUX PUMP INHIBITOR

#### A SEMINAR REPORT ON

# PHYTOCONSTITUENT AS EFFLUX **PUMP INHIBITOR**

Submitted By:

## MR.DHIRAJ SHIVAJI KHAKAL

M.Pharm. First Year

In the academic year of 2019-2020

Under the guidance of

## Mrs. Sonali Munj

Asst. Professor department of Pharmaceutical Chemistry

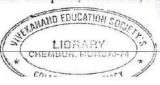


Vivekanand Education Society's College of Pharmacy

PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074;

VES COLLEGE OF PHARAMACY, CHEMBUR

Hashu adwani memorial complex, chembur, Mumbai-400074



#### PHYTOCONSTITUENT AS EFLUX PUMP INHIBITOR

University of Mumbai

VES COLLEGE OF PHARMACY, CHEMBUR

Hashu adwani memorial complex, Chembur, Mumbai-400071

2019-2020

# CERTIFICATE

This is to certify that seminar entitled "PHYTOCONSTITUENT AS EFFLUX PUMP INIBITOR" By Mr. DHIRAJ SHIVAJI KHAKAL, being submitted in the partial fulfilment of the requirement first semester of M.Pharm course, is based on his bonafide work done in the academic year 2019-2020 at VES college of pharmacy, Chembur, Mumbai, Under my guidance and supervision.

Place: chembur

Date:

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai 400 074.



Mrs. Sonali Munj



3

ANTIMICROBIAL THERAPY TO MAXIMIZE EFFICACY AND MINIMIZE EMERGENCE OF RESISTANCE

## A SEMINAR REPORT ON

# ANTIMICROBIAL THERAPY TO **MAXIMIZE EFFICACY AND** MINIMIZE EMERGENCE OF RESISTANCE

Submitted by:

# Mr. NILESH SHREEDHAR MHAPANKAR

M.Pharmacy, First year In the academic year of 2019-2020

Under the guidance of

## Dr. SANDIP ZINE

Assistant professor (pharmaceutical chemistry)





# VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani memorial complex, chembur (E), Mumbai-400074.

VES COLLEGE OF PHARMACY

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chember Murphy (Arc Colony)

Chembur, Mumbai - 400 074.

#### ANTIMICROBIAL THERAPY TO MAXIMIZE EFFICACY AND MINIMIZE EMERGENCE OF RESISTANCE

# UNIVERSITY OF MUMBAI VES COLLEGE OF PHARMACY

Hashu Advani memorial complex, chembur (E), Mumbai-400074. 2019-2020

# **CERTIFICATE**

This is to certify that seminar entitled "ANTIMICROBIAL THERAPY TO MAXIMIZE EFFICACY AND MINIMIZE EMERGENCE OF RESISTANCE" by Mr. NILESH SHREEDHAR MHAPANKAR, being submitted in the partial fulfilment of the requirement first semester of M.Pharmacy course, is based on his bonafide work done in the academic year 2019-2020 at VES College of Pharmacy, chembur , Mumbai, under my guidance and supervision.

Place: Chembur, Mumbai

Date: 14th November 2019

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai 400 074.

Chemisor, Mumbai - 400-074.

(pharmaceutical chemistry)

Dr. Sandip zine

Assistant professor

VES COLLEGE OF PHARMACY

DEVELOPMENT OF BACE-1 INHIBITORS AS ANTI-ALZHEIMER'S

#### A SEMINAR REPORT ON

# DEVELOPMENT OF BACE-1 INHIBITOR AS ANTI-ALZHEIMER'S

Submitted By:

## MISS. PATIL POOJA BHAGWAN

M.Pharm First Year

In the academic year of 2019-2020

Under the guidance of

# Mrs. Sonali Mehendale-Munj

**Assistant Professor** 

VES College of pharmacy



# VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Adwani Memorial Complex, Chembur (E), Mumbai-400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

## DEVELOPMENT OF BACE-1 INHIBITORS AS ANTI-ALZHEIMER'S

#### University of Mumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Chembur, Mumbai-400071

#### 2019-2020

#### **CERTIFICATE**

This is to certify that seminar entitled" DEVELOPMENT OF BACE-1 INHIBITOR AS ANTI-ALZHEIMER'S" By Ms. PATIL POOJA BHAGWAN, being submitted in the partial fulfilment of the requirement first semester of M.Pharm course, is based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, Under my guidance and supervision.

Place: Chembur

Date: 18/11/19

Mrs. Sonali Munj

Assistant Professor, VESCOP.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



VES COLLEGE OF PHARMACY

Vivekanand Education Society

College of Pharmacy HAMC, Earlind College Colony, Chembur, Mumbal 400 074

The World of Sartan Drugs

A SEMINAR REPORT ON

# THE WORLD OF SARTAN **DRUGS**

Submitted By:

# MISS SAYLI ARUN SAWANT

First Year M. Pharm.

In the academic year of 2019- 2020

Under the Guidance of

# DR. SANDIP ZINE

Assistant Professor (Pharmaceutical Chemistry)





PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

# VES COLLEGE OF PHARMACY, CHEMBUR

Harshu Adwani memorial complex, Chembur (E)

VES College of Pharmacy



The World of Sartan Drugs

University of Mumbai

# VES COLLEGE OF PHARMACY, CHEMBUR

Harshu Adwani memorial complex, Chembur (E) 2019-2020

# **CERTIFICATE**

This is to certify that the project entitled 'THE WORLD OF SARTAN DRUGS' by Ms. Sayli Arun Sawant, being submitted in the partial fulfilment of the requirement of First Semester of M. Pharm. Course, is based on her bonafide work done in the academic year 2019- 2020 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision,

Place: Chembur

Date: 14th November 2019

Dr. Sandip Zine

Assistant Professor

Dept. of Pharmaceutical Chemistry

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES College of Pharmacy

# APPLICATION OF PRODRUG TO IMPROVE SKIN PERMEABILITY

Submitted to

University of Mumbai

by

MISS. MRUNAL PRASHANT SURVE

First Year M. Pharm. (SEM I)

in the academic year 2019-2020

Under the guidance of

MR. OJASKUMAR D. AGRAWAL Assistant Professor



VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF PHARMACY MUMBAI



2019-2020

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



## APPLICATION OF PRODRUG TO IMPROVE SKIN PERMEABILITY



#### Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, 'Application of Prodrug to Improve Skin Permeability' by Miss. Mrunal P. Surve being submitted in the partial fulfilment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2019-20 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date:

Place: Mumbai

Signature of Guide

Mr. Ojaskumar D. Agrawal

Assistant Professor

Dept. of Pharmaceutical Chemistry

Dr. (Mrs.) Supriya & Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY

# Academic Year 2017-18

### A SEMINAR REPORT ON MUCOADHESIVE BUCCAL FILM

**Submitted By** 

MISS. AGRE DHANASHRI SHANTARAM

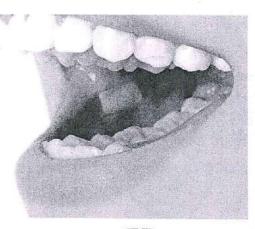
M. Pharm, First Year

In Academic year of 2018-19

Under the guidance of

MRS.HARSHA KATHPALIA

(Assistant Professor)







Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

V.E.S.COLLEGE OF PHARMACY, CHEMBUR. 1

#### University of Mumbai

# V.E.S COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Chembur, Mumbai

2018-19

#### **CERTIFICATE**

This is to certify that seminar entitled,"MUCOADHESIVE BUCCAL FILM"By Ms.DHANASHRI SHANTARAM AGRE, being submitted in the partial fulfilment of the requirement first semester of M.Pharm course, is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, Under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Place:Chembur

Date: 30/10/2018

Dr. (Mrs.) Supilya S. Shidhaye PHINCHTAL Vivekanand Education Society's College of Pharmacy HARC, Behind College Calletor Colony, Chembur, Murchal - 400 074.

Harolia

Mrs.HARSHA KATHPALIA

(Assistant Professor)

V.E.S.COLLEGE OF PHARMACY, CHEMBUR. 4

# A SEMINAR REPORT ON , MATERIALS FOR ORTHOPEDIC IMPLANTS

Submitted by

Hemant V. Ahire

F.Y M.Pharm (Pharmaceutics)

In the Academic Year of

2018-19

Under the guidance of

Dr. (Mrs.) SWATI MITTAL

(Assistant Professor)

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani memorial complex, Behind Collector Colony, Chembur (E),

Mumbai-400074, Maharashtra





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. VES COLLEGE OF PHARMACY, CHEMBUR

#### University of Mumbai

# VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Chembur, Mumbai-400071

2018-19

### **CERTIFICATE**

This is to certify that seminar entitled" MATERIALS FOR ORTHOPEDIC IMPLANTS" By Mr. HEMANT VANAJI AHIRE, being submitted in the partial fulfilment of the requirement first semester of M.Pharm course, is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, Under my guidance and supervision.

Place: Chembur Date: 30/10/2018 CHAMBUR PO MUMBAI A 400 074 A

Dr. Swati Mittal Assistant Professor Pharmaceutics department

Dr. (Mrs.) Supriva S. Enidhaye
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.



VES COLLEGE OF PHARMACY, CHEMBUR

#### SEMINAR REPORT ON

# DRUG REPURPOSING: TEACHING NEW TRICKS TO OLD DOGS

Drafted by: Ms. FARZEEN AHMAD M. PHARM, FIRST YEAR

In the academic year of 2018-2019

Under the guidance of DR. GANGA SRINIVASAN (Professor and HOD- Pharmaceutics)



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### VES COLLEGE OF PHARMACY, CHEMBUR.

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University of Mumbai

#### VES COLLEGE OF PHARMACY Hashu Advani Memorial Complex, Chembur(E), Mumbai – 400704.

2018-2019

This is to certify that, the seminar entitled, "DRUG REPURPOSING: TEACHING NEW TRICKS TO OLD DOGS" presented by Ms. FARZEEN AHMAD, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course, is based on her bonafide work done in the academic year 2018-2019 at VES College Of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MUMBAI

a P Date:

Dr. (Mrs.) Suprive S Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.



#### A SEMINAR REPORT ON

# TRANSDERMAL PATCHES FOR THE TREATMENT OF PARKINSON'S DISEASE

Submitted by: Mr. Pratik Kare (M. Pharm, First Year)

In the academic year of 2018-19

Under the Guidance of Dr. Swati Mittal (Assistant Professor)

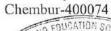




Dr. (Mrs.) Supriya S. Shighaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400, 074.

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Shri Hashu Advani Memorial Complex, Behind Collector's Colony,







#### UNIVERSITY OF MUMBAI

VES College of Pharmacy Shri Hashu Advani Memorial Complex, Chembur, Mumbai. 2018-19

This is to certify that the seminar entitled "TRANSDERMAL PATCHES FOR THE TREATMENT OF PARKINSON'S DISEASE" is being submitted by Mr. Pratik Kare in the partial fulfilment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2018-19 at VES college of Pharmacy. Chembur, Mumbai, under my guidance and supervision.

Place: 301 mumbai

AVO 200 - Jadrauld' rugg

Date: 30/10/18

Dr. (Mrs.) Swati Mittal (Department of Pharmaceutics)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

/ivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Charles de la Pharmeter de la

3

# A SEMINAR REPORT ON Gold Nanoparticles As Potent Antimicrobial Agent



Submitted By

#### Mr. SANKET ANIL MOHATA

M.PHARM, FIRST YEAR (PHARMACEUTICS)

In the academic year of 2018-2019

Under the guidance of

DR (MRS.) RAJASHREE, S. HIRLEKAR



#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu advani memorial complex, collector colony, Chembur (E), Mumbai-400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

# Certificate

#### UNIVERSITY OF MUMBAI

#### VES COLLEGE OF PHARMACY

ACADEMIC YEAR 2018-2019

This is to be certify that the seminar entitled "Gold Nanoparticles As Potent Antimicrobial Agent" is being submitted by Mr. SANKET ANIL MOHATA in partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Mumbai

Date:

DR (MRS.) RAJASHREE. S. HIRLEKAR

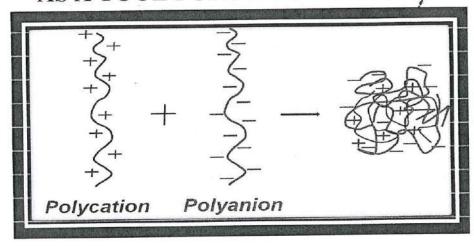
Professor

Department of Pharmaceutics

Symlekar

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony.
Chembur, Mumbai, 400,074 Chembur, Mumbai - 400 074.

# A SEMINAR REPORT ON POLYELECTROLYTE INTERACTIONS AS A TOOL FOR DRUG DELIVERY



#### Submitted By:

Mr. Swaroop J. Pansare

M. Pharm, First Year (PHARMACEUTICS)

In the academic year of 2018-2019

Under the Guidance of

Dr. (Mrs.) Supriya Shidhaye

Principal, VES college Of Pharmacy.





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

# Certificate

#### UNIVERSITY OF MUMBAI.

#### VES COLLEGE OF PHARMACY.

Shri Hashu Advani Memorial Complex Chembur, Mumbai-400074. 2018-2019.

This is to certify that the seminar entitled "POLYELECTROLYTE INTERACTIONS AS A TOOL FOR DRUG DELIVERY" is being submitted by Mr. Swaroop Jalandar Pansare in the partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MUMBAI

Date: 30/10/2018

Dr. (Mrs.) Supriya S. PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony.

Chembur, Mumbai - 400 074

Dr. (Mrs.) Supriya Shidhaye

(Guide)

Principal, VES College Of Pharmacy.

#### A SEMINAR REPORT ON

# IN SITU GELLING **SYSTEMS**

**Submitted By** Miss. Kshitija M. Phatak M.Pharm, First Year In the academic year of 2018-19

> Under the Guidance of Dr.Sameer Padhye

SP 260





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai -400074

This is to certify that the seminar entitled "IN SITU GELLING SYSTEMS" is being submitted by Miss. Kshitija M. Phatak in the partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Dr. Sameer Padhye (Guide)

Department of Pharmaceutics

Place: Mumbai Dr. (Mrs.) Supriya S. Shidhaye

Date: Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Chembur, Murrani - 409 074





### A SEMINAR REPORT ON



# PARENTERAL NANOFORMULATIONS: A REVIEW

Submitted by:

Ms. YASHICA SHAH M. PHARM (FIRST YEAR)

IN THE ACADEMIC YEAR OF 2018-2019.

Under the guidance of:

Dr. (Mrs.) SUPRIYA SHIDHAYE (PRINCIPAL AND PROFESSOR)





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY, CHEMBUR.

HASHU ADVANI MEMORIAL COMPLEX, BEHIND COLLECTOR'S COLONY, CHEMBUR(E), MUMBAI – 400074





# University of Mumbai

VES COLLEGE OF PHARMACY HashuAdvani Memorial Complex, Chembur(E), Mumbai - 400704.

ACADEMIC YEAR: 2018-2019

This is to certify that, the seminar entitled, "PARENTERAL NANOFORMULATION: A REVIEW" presented by Ms. YASHICA SHAH, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course, is based on her bonafide work done in the academic year 2018-2019 at VES College Of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074

Place: MUMBA

Date: 30th OCTOBER 2018

DR. (Mrs.) SUPRIYA SHIDHAYE

(Principal and Professor)

### A SEMINAR REPORT ON: POLYMERIC MICELLE: A SMART DRUG DELIVERY SYSTEM



Submitted by:

Miss.Pradnya Shetty

M.Pharm ,First year

In the academic year of 2018-19

Under the guidance of:

Dr .Sameer Padhye
Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY



# Certificate

# UNIVERSITY OF MUMBAI VES College of Pharmacy Shri Hashu Advani Memorial Complex Chembur, Mumbai -400074

This is to certify that the seminar entitled "POLYMER MICELLE: A SMART DRUG DELIVERY SYSTEM" is being submitted by Miss .Pradnya Shetty in the partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal: Ashahaye

Place: Mumbai

Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Dr.Sameer Padhye (Guide)

Department Of Pharmaceutics

VES COLLEGE OF PHARMACY

# A SEMINAR REPORT ON POLYMERIC MICRONEEDLES



Submitted by:

Ms. Rutika V. Shetye

M. Pharm, First Year

In the academic year of 2018-2019

Under the Guidance of

Dr. (Mrs.) Rajashree Hirlekar





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial complex, Behind Collector's

Colony, Chembur, Mumbai-400074.



#### University of Mumbai

#### Academic Year 2018-2019

This is to certify seminar entitled, "POLYMERIC MICRONEEDLES" by Ms. Rutika Shetye being submitted in the partial fulfilment of requirement of first semester of M.Pharm (Pharmaceutics) is based on her bonafide work done in Academic Year 2018-2019 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 30 10 2018

Date: 30 10 2018

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Sylvatoring of strong (serial) and strong of strong

Dr. (Mrs.) Rajashree Hirlekar

#### A SEMINAR REPORT ON

# 3D PRINTING AND ITS APPLICATION IN HEALTHCARE

SUBMITTED BY:

#### SACHIN RAJMANI YADAV

M.PHARM (Pharmaceutics) FIRST YEAR

IN THE ACADEMIC YEAR OF 2018-19

UNDER THE GUIDANCE OF:

Dr. (Mrs.) GANGA SRINIVASAN

(H.O.D Pharmaceutics)

VES COLLEGE OF PHARMACY



#### VES COLLEGE OF PHARMACY, CHEMBUR

HASHU ADVANI MEMORIAL COMPLEX, BEHIND COLLECTOR COLONY, CHEMBUR EAST, MUMBAI,

MAHARASHTRA - 400074.



VES COLLEGE OF PHARMACY



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### University of Mumbai



#### UNIVERSITY OF MUMBAI VES COLLEGE OF PHARMACY

SHRI HASHU ADVANI COMPLEX CHEMBUR MUMBAI Year 2018-2019

This is certify that Mast. SACHIN RAJMANI YADAV has submitted report on seminar entitled "3D Printing And Its Application in Healthcare" in the partial fulfilment of the requriement of first semester of M.Pharm course is based on his bonafide work done in academic year 2018-2019 at V.E.S College of Pharmacy, Chembur, Mumbai under guidance and supervision.

Principal

Srinivasan

(Guide)

Professor & H.O.D (Pharmaceutics)

Place: MumbaiDr. (Mrs.) Supriva S.
Date: 26/19/18. PRINCIPAL a S. Shidhaye

Date: 26/16/18 Vivokanand Education Society's

College of Pharmacy HAMC, Behind Collector Co. Chembur, Mumbai - 400 07-

VES COLLEGE OF PHARMACY



X-p

#### A SEMINAR REPORT ON

# SOLID LIPID NANOPARTICLE IN COSMETICOLOGY:

Submitted by:

#### Ms. VINI R. BANGERA

M. Pharm First Year

In the academic year of 2018-2019

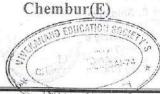
Under the Guidance of Dr. (Mrs.) Rajashree Hirlekar

SR 265

VES COLLEGE OF PHARMACY, CHEMBUR(E)

Hashu Advani Memorial Complex, opp collectors colony,





Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai, 400, 224



#### University of Mumbai

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex Chembur(E), Mumbai-400074 2018-2019

This is to certify that, the seminar entitled, "SOLID LIPID NANOPARTICLES IN COSMETICOLOGY", presented by Ms. VINI RAMESH BANGERA, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course, is based on her bonafide work done in the academic year 2018-2019 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MUMBAI

DR. (Mrs.) RAJASHREE S. HIRLEKAR

Date: Ist Nov, 2018

(Professor, HOD- Quality Assurance)

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
PRINCIPAL
OVERAINANT College Cf. harmacy
VES COLLEGE OF PHARMA CO00 074.



#### A SEMINAR REPORT ON

# **CHARACTERIZATION OF** MULTIPARTICULATE DRUG **DELIVERY SYSTEM**

Submitted by:

Mr. Yash Hiren Gada

M. Pharm, First Year

In the academic year of 2018-19

Under the guidance of

Dr. Anita Ayre

### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, behind collector colony, Chembur (E), Mumbai-400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 @74.

VES College of Pharmacy, Cnembur

#### UNIVERSITY OF MUMBAI

VES college of Pharmacy

Shri Hashu Advani memorial complex, Chembur,

Mumbai 2018-19

This is to certify that the seminar entitled "Characterization of multiparticulate drug delivery system" is being submitted by Mr. Yash H. Gada in the partial fulfillment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

PLACE: Chembyn

DATE: 30/10/18

CHEMBUR MUMBAL 400 074

for Printelon

Dr. ANITA AYRE

Department of Quality Assurance

Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collegtor Colony, Chembur, Mumbal 1400 074 Chembur, Mumbal 1400 074

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[AMC, Benind Collector Colon

Chamber, Mumbar - 408 674.





VES College of Pharmacy, Chembur

Page 2

BIOANALYTICAL METHOD VALIDATION - A REGULATORY PERSPECIVE

# A SEMINAR REPORT ON **BIOANALYTICAL METHOD** VALIDATION - A REGULTORY **PERSPCTIVE**

SUBMITTED BY:

MR. GUPTA SUMIT GOURISHANKAR M. PHARM, FIRST YEAR IN THE ACADEMIC YEAR OF 2018-19

UNDER THE GUIDANCE OF

Dr. (Mrs.) ANITA AYRE

Associate Professor

Department of Quality Assurance

VES COLLEGE OF PHARMACY, CHEMBUR





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony,
Chambur Mumbai, 400 074

Chembur, Mumbai - 400 074

VES COLLEGE OF PHARMACY

SP 267

BIOANALYTICAL METHOD VALIDATION - A REGULATORY PERSPECIVE

# Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "BIOANALYTICAL METHOD VALIDATION – A REGULATORY PERSPECTIVE as a tool for screening of excipients" is being submitted by MR. SUMIT GUPTA in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

UMBA

Place: MUMBAI

Date: 30/10/18.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

> Or. (Mrs.) Suphya a, andhaye PRINCIPAL

VES COLLEGE OF PHARMACY

for Particles

Dr. (Mrs.) Anita Ayre

Associate Professor,

Department of Quality Assurance

Unit's in

2 | Page

### A SEMINAR REPORT ON

# PROSPECTS OF



Submitted by:

### MR.ANIRUDHA SHIRISH KASAR

M. Pharm, First Year

In the academic year of 2018-2019





MR.KEYUR SHASTRI

Under the Guidance of Dr. (Mrs.) Supriya S. Shidhaye Vivekanand Education Society's

College of Pharmacy
HAMC, Behind Collector Colony,

(ASST.PROFESSOR PHARMACOGNOSY AND QUALITY ASSURANCE)

VES COLLEGE OF PHARMACY, CHEMBUR(E) Hashu Advani Memorial Complex, opp collectors colony, Chembur(E)

VES COLLEGE OF PHARMACY

Page 1



#### University of Mumbai

#### VES COLLEGE OF PHARMACY

HashuAdvani Memorial Complex Chembur(E), Mumbai-400074

2018-2019

This is to certify that, the seminar entitled, "PROSPECTS OF NANONUTRACEUTICALS FOR BETTER AND HEALTHIER FUTURE", presented by MR.ANIRUDHA SHIRISH KASAR, being submitted in the partial fulfillment of the requirement of First Semester of M. Pharm course, is based on her bonafide work done in the academic year 2018-2019 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

CHEMBUR MUMBAI 400 074

ivekanand Education Society

Place: MUMBAI

Date: 03 11 2018

Dr. (Mrs.) Supriva S Shidhaye PHINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY

KV Shastri MR.KEYUR SHASTRI

(Asst.Professor, - Quality Assurance)

Page 2

#### A Seminar Report on

# 'Role Of HPTLC Into The Separation of Herbal Plant Extract'

A Report Submitted To

#### University of Mumbai

In the partial fulfilment for the degree of

Master of Pharmacy

Ву

Mr. Vinayak V. Kashid

Under the guidance of

Dr. Gaurav Doshi

Assistant Professor, Dept. of Quality Assurance



SP 269

Vivekanand Education Society's College of Pharmacy, Mumbai-400074 2018-19





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



#### Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, 'Role Of HPTLC Into The Separation of Herbal Plant Extract'by Mr. Vinayak V. Kashidbeing submitted in the partial fulfilment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date: 2/11/2018

Place: Mumbai

Signature of Guide

Dr. Gaurav Doshi

Assistant Professor

Dept. of Quality Assurance

Dr. (Mrs.) Subrity | Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

PRINGIPAL Vivokanana Education S College of Pharmai Section 1

# A SEMINAR REPORT ON NUTRACEUTICALS FOR PREVENTION AND CURE OF OSTEOARTHRITIS

#### SUBMITTED BY:

MS. MEGHNA KURADIYA

FIRST YEAR MPHARM

In the academic year of 2018-19

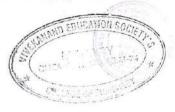
Under the guidance of

Mrs. VIDHI BHATIA



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY, CHEMBUR
HASHU ADVANI MEMORIAL COMPLEX, COLLECTOR COLONY,
CHEMBUR (E), MUMBAI-400074





### University of Mumbai

VES COLLEGE OF PHARMACY, CHEMBUR

HASHU ADVANI MEMORIAL COMPLEX, COLLECTOR COLONY, CHEMBUR (E), MUMBAI-400074

2018-2019

This is to certify that, the seminar entitled "NUTRACEUTICALS FOR PREVENTION AND CURE OF OSTEOARTHRITIS" presented by Ms. MEGHNA KURADIYA being submitted in the partial fulfillment of the

requirement of First Semester of MPharm course, is based on her bonafide work in the academic year 2018-19 at Ves College of Pharmacy, Chembur, Mumbai-

system 2 2 subgut 400074 under my guidance and supervision.

Place: Mumbai

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

A Seminar Report on

#### 'Effect Of Electrolyte Imbalance In Diabetes'

A Report Submitted To

#### University of Mumbai

In the partial fulfilment for the degree of

Master of Pharmacy

Ву

Mr. Husain J. Miyajiwala

Under the guidance of

Mr. Ojaskumar D. Agrawal

Assistant Professor, Dept. of Quality Assurance



58. 27

Vivekanand Education Society's College of Pharmacy,

Hashu adwani memorial complex, chembur(E), Mumbai-400074

2018-19





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.



#### Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, 'Effect Of Electrolyte Imbalance In Diabetes' by Mr. Husain J. Miyajiwala being submitted in the partial fulfilment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date:30/10/18

Place: Mumbai

Signature of Guide

Mr. Ojaskumar D. Agrawal

Assistant Professor

Dept. of Quality Assurance

Dr. (Mrs.) Sucrita S. Chidhaye
Philippa.
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chambur, Mumbai 400 0741) 10

Chembur Mumbal M



#### A SEMINAR REPORT ON

#### **PROBIOTIC** FORMULATION AND EVALUATION **CONSIDERATIONS**

#### Submitted By:

Ms. Susmita Shankar Nichal M.Pharm, First Year In the academic year of 2018-2019 Under the guidance of Mrs. Ashwini Wani





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2017-18

This is to certify that the seminar entitled "PROBIOTIC FORMULATION AND EVALUATION CONSIDERATIONS" is being submitted by Ms. Susmita S. Nichal in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2018-19 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Principal

Mrs. Ashwini Wani

(Guide)

Department of Quality Assurance

Dr. (Mre.) Com braid. Shidhaye Frank.
Vivekanand Education Society's College of Pharmany

College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

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#### A SEMINAR REPORT ON

## ROLE OF PLANT DERIVED / NATURAL PRODUCTS IN OVARIAN CANCER



Submitted By:

Ms. Neelam RP Pandey

First year M.Pharm (Quality Assurance)

In the academic year of 2018-2019



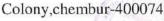
Under the guidance of

58272

Mr.Keyur Shastri (Assistant Professor)

#### VES COLLEGE OF PHARMACY, CHEMBUR

Harshu Advani Memorial complex, Behind collector's





VES COLLEGE OF PHARMACY



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

pg. I

#### **CERTIFICATION**

#### University Of Mumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

HarshuAdvaniMemorial Complex ,Behind Collector's Colony ,

Chembur- 400074

2018-2019

This is to certify that Ms. Neelam RP Pandey has submitted this seminar entitled "Role of plant derived natural products in ovarian cancer" in the partial fulfillment of the requirement for first semester of M. Pharm course and is based on her bonafide work done in the academic year 2018-2019 at VES College Of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 03/11/2018

EGE OF ON CHEMBUR MUMBAN 400 074

Mr. Keyur shastri

**Assistant Professor** 

VES College of Pharmacy,

Chembur, Mumbai.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Chrimbur, Vumpoi - 400 C.

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To see a to

VES COLLEGE OF PHARMACY

pg. 3

SeDeM AS A TOOL FOR SCREENING OF EXCIPIENTS

#### A SEMINAR REPORT ON

## SeDeM AS A TOOL FOR A SCREENING OF EXCIPIENTS

SUBMITTED BY:

Ms. PATIL SAPANA DUNDAPPA

M. PHARM, FIRST YEAR

IN THE ACADEMIC YEAR OF 2018-19





UNDER THE GUIDANCE OF

Dr. (Mrs.) ANITA AYRE



Associate Professor

Department of Quality Assurance

Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL
Vivekanand Education Society
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai-400074

VES COLLEGE OF PHARMACY, CHEMBUR

Page 1

#### Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai- 400071

This is to certify that the seminar entitled "SeDeM as a tool for screening of excipients" is being submitted by Ms. Sapana Patil in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MUMBAI

Date: 30/10/2018

COLLECT A A COLLECT A COLLECT A A COLLECT A COLLECT A A COLLECT A COLLEC

Dr. (Mrs.) Anita Ayre

Associate Professor,

Department of Quality Assurance

Dr. (Mrs.) Suprive S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.



VES COLLEGE OF PHARMACY, CHEMBUR

Page 2

## A SEMINAR REPORT ON HERBAL REMEDIES AND CURRENT TRENDS IN ALZHEIMER'S DISEASE

#### SUBMITTED BY:

MS. AROHI PAUL

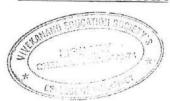
FIRST YEAR MPHARM

In the academic year of 2018-19

Under the guidance of

Mrs. VIDHI BHATIA





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

SP275

VES COLLEGE OF PHARMACY, CHEMBUR

HASHU ADVANI MEMORIAL COMPLEX, COLLECTOR COLONY, CHEMBUR (E), MUMBAI-400074



#### University of Alumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

HASHU ADVANI MEMORIAL COMPLEX, COLLECTOR COLONY, CHEMBUR (E), MUMBAI-400074

2018-2019

This is to certify that, the seminar entitled "HERBAL REMEDIES AND CURRENT TRENDS IN ALZHEIMER'S DISEASE" presented by Ms.

AROHI PAUL being submitted in the partial fulfillment of the requirement of First Semester of MPharm course, is based on her bonafide work in the academic year 2018-19 at Ves College of Pharmacy, Chembur, Mumbai-400074 under my guidance and supervision. HAMC, Bersed Collector Colon Cherebut, Murripal - 409 074,

Place: Mumbai

Date: 3-110118

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

MRS. VIDHI BHATIA

# A SEMINAR REPORT ON HERBAL TREATMENT STRATEGIES FOR DENGUE: A SHIFTING PARADIGM

Submitted By: Miss Sakshi Poonja

M. Pharm. First Year
In the academic year of 2018-19

Under the Guidance of

Dr. (Mr.) Gaurav Doshi





Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074,

VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex,

Behind Collector Colony, Chembur (E), Mumbai - 400074

#### University of Mumbai

Academic year 2018-19

This is to certify seminar entitled, "Herbal treatment strategies for dengue: A shifting paradigm" by Miss. Sakshi Poonja being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 2/11/2018

Dr. (Mr.) Gaurav Doshi.

(Guide)

Signature: LAMO

Off (Mrs.) Supplys S. Shidhaye Vivelcanand Edituallon Spoiety's College of Harmady HAMC Petrod Collector Colony

Dr. (Mrs.) Suprice Shidhaye PRINCIPAL Vivekanand Education Society's College of Phermacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



#### A Seminar Report on

#### Targeted Approach of Herbal Drugs in Diabetes

A Report Submitted To

University of Mumbai

In the partial fulfilment for the degree of

**Master of Pharmacy** 

Ву

Mr. Shubham R. Ukey

Under the guidance of

Mr. Ojaskumar D. Agrawal

Assistant Professor, Dept. of Quality Assurance





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy, HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Vivekanand Education Society's College of Pharmacy, Mumbai-400074

2018-19





#### Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, "Targeted Approach of Herbal Drugs in Diabetes' by Mr. Shubham R. Ukey being submitted in the partial fulfilment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date:

Place: Mumbai

PRINCIPAL Vivekanient Education Society's

Cultings of Pharmacy AMC, Enhant Collector Colony Chamber, Mumbai - 400:074

Signature of Guide

Mr. Ojaskumar D. Agrawal

Assistant Professor

Dept. of Quality Assurance

Dr. (Mrs.) Supriya S. Wildhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

## A SEMINAR REPORT ON , DRUG THERAPY FOR OSTEOARTHRITIS

Submitted By

Name: LAXMI BHARATLAL YADAV

M.Pharm ,First Year

In the academic year of 2018-2019

Under the Guidance of:

Dr. (Mrs.) GANGA SRINIVASAN

(HOD OF PHARMACEUTICS)

College address:

VES COLLEGE OF PHARMACY, CHEMBUR

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI

2018-2019

SP, 278



pg. 1



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY, CHEMBUR.

#### University of Mumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI 2018-2019

#### CERTIFICATE

This is to certify that seminar entitled, "DRUG THERAPY FOR OSTEOARTHRITIS" by Ms. LAXMI BHARTLAL YADAV, being submitted in the partial fulfilment of the requirement of first semester of M. Pharm course, is based on her bonafide work done in the academic year 2018-2019 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 30 80 18

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

pg. 3

Dr. (Mrs.) GANGA SRINIVASAN

(HOD OF PHARMACEUTICS)

VES COLLEGE OF PHARMACY, CHEMBUR.

#### A Seminar Report on

### CURRENT STATUS OF DRUG DISCOVERY FOR THE TREATMENT OF POLYCYSTIC OVARIAN SYNDROME

A Report Submitted To

University of Mumbai

In the partial fulfilment for the degree of

Master of Pharmacy

By

MISS. KANCHAN M. DODANI

Under the guidance of

Dr. Mushtaque A. S. Shaikh

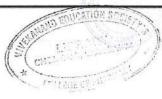
Associate Professor, Dept. of Pharmaceutical Chemistry



SR279

Vivekanand Education Society's College of Pharmacy, Mumbai-400074 2018-19





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



#### Vivekanand Education Society's College of Pharmacy, Mumbai

#### CERTIFICATE

This is to certify that the seminar report entitled, 'Current Status of Drug Delivery In The Treatment of Polycystic Ovarian Syndrome' by Miss. Kanchan M. Dodani being submitted in the partial fulfilment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date: 30.10. 2018

Place: Mumbai

Signature of Guide

Dr. Mushtaque A. S. Shaikh

Associate Professor,

Dept. of Pharmaceutical Chemistry

Dr. (Mrs.) Supriya S. Sandhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur Mushai, 400, 074 Chembur, Mumbai - 400 074.

#### A SEMINAR REPORT ON STUDY OF EXCRETION OF CREATININE AND ELECTROLYTE BALANCE IN NEPHROPATHY

Submitted By

MISS. VAISHNAVI DUBEY

M. Pharm, First Year

In the academic year of 2018-19

Under the Guidance of

Dr. SANDIP ZINE





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's VESCOMEGE OF PHARMADY HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Chembur, Mumbai-400071

2018-19

#### **CERTIFICATE**

This is to certify that seminar entitled"STUDY OF EXCRETION OF CREATINE AND ELECTROLYTR BALANCE IN NEPHROPATHY, MISS. VAISHNAVI SHIVNATH DUBEY, being submitted in the partial fulfilment of the requirement first semester of M.Pharm course, is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, Under my guidance and supervision University of Mumbai

Place: Chembur

Date: .21

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. DI SANDIP ZINE

(Assitant Professor)

VES COLLEGE OF PHARMACY

A FOCUS ON RAB AND ITS ROLE IN VARIOUS HUMAN DISEASES

# A SEMINAR REPORT ON A FOCUS ON RAB AND ITS ROLE IN VARIOUS HUMAN DISEASES

Submitted By:

#### MISS.DHANASHREE PANDURANG KAMTE

M.Pharm. First Year

In the academic year of 2018-2019

Under the guidance of

#### DR. RAKESH R. SOMANI

Head of the Department Pharmaceutical Chemistry



#### VES COLLEGE OF PHARMACY, CHEMBUR

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VES COLLEGE OF PHARMACY

Page 1

Dr. (Mrs.) Supriya S. Shidhaye

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#### University of Mumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Chembur, Mumbai-400071

2018-19

#### **CERTIFICATE**

This is to certify that seminar entitled" A FOCUS ON RAB AND ITS ROLE IN VARIOUS HUMAN DISEASES" By Ms. DHANASHREE PAMDURANG KAMTE, being submitted in the partial fulfilment of the requirement first semester of M.Pharm course, is based on her bonafide work done in the academic year 2018-19 at VES College of Pharmacy, Chembur, Mumbai, Under my guidance and supervision.

Dr. (Mrs.) Suprive Shidhaye PRINCIPAL Vivekanand Education Society's College of Phermacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

Place: chembur

Date: 30/10/18

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Dr. Rakesh R. Somani HOD of Pharmaceutical chemistry

VES COLLEGE OF PHARMACY

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#### A SEMINAR REPORT ON

# FARNESYLTRANSFERASE ' INHIBITORS AS ANTICANCER AGENT

Submitted by:
Miss Shivangi Pradeep Sawant
M. Pharm, First Year
In the academic year of 2018-2019

Under the Guidance of

Mrs. Sonali Mehendale Munj

Assistant Professor

Pharmaceutical Chemistry Department

#### SR 282

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai -400074





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University of Mumbai

VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai - 400074

Academic Year 2018-19

This is to certify that the seminar entitled, "FARNESYLTRANSFERASE INHIBITORS AS ANTICANCER AGENTS" by Miss Shivangi Pradeep Sawant, being submitted in the partial fulfilment of the requirement first semester of M. Pharm course, is based on her bonafide work done in the academic year 2018-2019 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. (Mrs.) Subrida S. Shidhaye

Vivekanand Editation Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Place: Chembur

Date: 30 10 2018.

Mrs. Sonali Mehendale Munj

Associate Professor

Pharmaceutical Chemistry Department

# Academic Year 2016-17

#### A SEMINAR REPORT ON

#### EMULGEL – AS TOPICAL DRUG DELIVERY

Submitted by-

Miss Tejaswi P Chalke

M.Pharm,First Year

In the academic year of 2017-18

Under the Guidance of

Dr. Sameer Padhye

SR 221

#### VES COLLEGE OF PHARMACY, CHEMBUR.

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

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University of Mumbai

Academic Year 2017-18

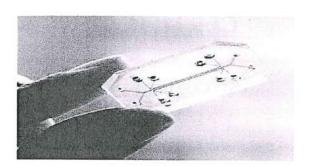
This is to certify seminar entitled, "EMULGEL - AS TOPICAL DRUG DELIVERY" by Miss. Tejaswi P Chalke being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Pharmaceutics) is based on her bonafide work done in Academic Year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place:- Chembur Date: - 14/11/2017

> Dr. Sameer Padhye (Department of Pharmaceutics)

Dr. (Mrs.) Surflyn S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### A SEMINAR REPORT ON



#### ORGAN ON CHIP FOR MEDICAL TESTING OF DRUGS

Submitted By:

Ms. Pranita Vinayak Dhage
M. Pharm, First Year

In the academic year of 2017-18

Under the Guidance of
Dr. (Mrs.) Swati Mittal

SR 222

#### VES COLLEGE OF PHARMACY, CHEMBUR.

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#### UNIVERSITY OF MUMBAI

VES College of Pharmacy Shri Hashu Advani Memorial Complex, Chembur, Mumbai.

2017-18

This is to certify that the seminar entitled "ORGAN ON CHIP FOR MEDICAL TESTING OF DRUGS" is being submitted by Ms. Pranita Vinayak Dhage in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MVMBAI

Date: 3 11 17

Dr. (Mrs.) Supriye Shidhaye PRINCIPAL
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rs.) Supriye 5, Smchaye

Dr. (Mrs.) Swati Mittal

Department of Pharmaceutics



#### A SEMINAR REPORT ON **EVALUATION OF NANOSYSTEMS**

Submitted By

MS. ANURA SUNIL GAWDE F.Y.MPHARM SEM I C.B.S.G.S [PHARMACEUTICS]

In the Academic Year 2017-2018

Under the Guidance of

MRS. HARSHA KATHPALIA (ASSISTANT PROFESSOR)

#### VES COLLEGE OF PHARMACY, CHEMBUR

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy
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Chembur, Mumbai - 400 074.

>

# UNIVERSITY OF MUMBAI VES COLLEGE OF PHARMACY Shri Hashu Advani Memorial Complex Chembur Mumbai 400074

This is to certify that the seminar entitled "EVALUATION OF NANOSYSTEMS" is being submitted by Ms Anura S. Gawde in the partial fulfillment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur Mumbai under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



PLACE: Mumbai

Dr.\*(Mrs.) Supriya S. Shidhaye

DATE: עוועות

Hanshe Mrs.Harsha Kathpalia

Department of PharmaceuticS

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**BILAYERED TABLETS** 

#### A SEMINAR REPORT ON

#### BILAYERED TABLETS AS NOVEĽ DRUG DELIVERY SYSTEM

Submitted By:

Mr. Rahul Arun Ghadi

M.Pharm, First Year

In the academic year of 2017-18

Under the Guidance of

Dr. Mrs. Rajashree Hirlekar

VES COLLEGE OF PHARMACY, CHEMBUR.

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VES College of Pharmacy

#### University of Mumbai 2017-18

This is to certify that seminar entitled, "BILAYERED TABLET AS NOVEL DRUG DELIVERY SYSTEM" by Mr. RAHUL A. GHADI being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14 | 11 | 17

Dr. (Mrs.) Rajashree Hirlekar

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye
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College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

VES College of Pharmacy

Page | 2

#### A SEMINAR REPORT ON

### NANO STRUCTURED LIPID CARRIERS

Submitted By:

Mr. TEJAS R. GITE F.Y.M.PHARM SEM I C.B.S.G.S. [PHARMACEUTICS]

In The Academic Year 2017-2018

Under the Guidance of

MŖS. HARSHA KATHPALIA (ASST. PROFESSOR)

SP 225

VES COLLEGE OF PHARMACY, CHEMBUR.

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### University Of Mumbai 2017-18

This is to certify that seminar entitled, "NANOSTRUCTURED LIPID CARRIERS" by Mr. TEJAS R. GITE being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Harsha

Mrs. Harsha Kathpalia (Department of Pharmaceutics)

Date: 11-11-17

(Guide)

Dr. (Mrs.) Supriya 5. Shidhaye PRINCIPAL Vivekanand Education Society's

College of Pharmacy HAMC, Behind Collector Colony, Colembia College of Philippe o

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#### A SEMINAR REPORT ON

### PHARMACOKINETIC STUDY IN RATS

Submitted By:

Miss. Prachi Khamkar

F.Y.M.PHARM SEM I C.B.S.G.S. [PHARMACEUTICS]

In The Academic Year 2017-2018

Under the Guidance of

MRS. HARSHA KATHPALIA (ASST.PROFESSOR)

**PHARMACEUTIS** 

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Dr. (Mrs.) Suprlya S. Shidhaye
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#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

#### Shri Hashu Advani Memorial Complex Chembur,

#### Mumbai 2016-17

This is to certify that the seminar entitled "Pharmacokinetic study in Rats" is being submitted by Miss. Prachi Pravin Khamkar in the partial fulfilment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 11-11-17

Harshe

Mrs. Harsha Kathpalia

(Department of Pharmaceutics)

Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
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# AEROSOLS IN OPTIMUM PULMONARY DRUG DELIVERY

Submitted by:Mr. Mangesh Khune
M.Pharm First Year
In the academic year of 2017-18

Under the Guidance of Dr.Swati Mittal

#### VES COLLEGE OF PHARMACY

SR 227

Hashu Advani Memorial Complex,
Behind Collectors Colony, Chembur, Mumbai-400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2017-18

This is to certify that the seminar entitled "AEROSOLS IN OPTIMUM PULMONARY DRUG DELIVERY" is being submitted by Mr. Mangesh Sidramappa Khune in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MIMBAI

Date: 11

11/11/17

Dr. (Mrs.) Supriva & Shidhaye
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College of Pharmacy
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Chembur, Murnbal - 400 074.

S. Colling S. Colling

Dr. (Mrs.) Swati Mittal

Department of pharmaceutics

## INNOVATIONS IN PHARMA PACKAGING TECHNOLOGIES

Submitted by:

#### MONIKA LAKHANI

M. Pharm, First Year
In the academic year of 2017-18
Under the Guidance of
Dr. Swati Mittal

SR 22 2

### VES COLLEGE OF PHARMACY, CHEMBUR.

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Dr. (Mrs.) Sugris S.





Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2017-18

This is to certify that the seminar entitled "INNOVATIONS IN PHARMA PACKAGING TECHNOLOGIES" is being submitted by Ms. Monika Ramesh Lakhani in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 11/11/17

Dr. (Mrs.) Survive S. Shidhaye

Vivekanand Education Society's College of Pharmacy (Land

HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Dr. (Mrs.) Swati Mittal

Department of Pharmaceutics

# A SEMINAR REPORT ON ADVANCES IN WOUND CARE

Submitted By:

### SHWETA GHANSHYAM PANSARE

M. Pharm, First Year
In the academic year of 2017-18

Under the Guidance of
Dr. (Mrs.) GANGA SRINIVASAN

### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai,

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Maharashtra 400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

University of Mumbai

VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX

CHEMBUR MUMBAI

2017-2018

This is to certify seminar entitled, "Advances in wound care" by Miss. Shweta G.Pansare being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2017-2018 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Chembur

Date: 7 11 1

Dr. Ganga Srinivasan

(Guide)

Professor and Head of Department

(Pharmaceutics)

Dr. (Mrs.) Sunfly S. Shidhaye PhinCIPAL Vivekanand Education Society's

College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

HAME, Borling Collector Colon Chemical, Mr. 1, 11 400 674



### PHARMACEUTICAL COCRYSTALS: A NOVEL APPROACH TO MODIFY PHYSICOCHEMICAL PROPERTIES OF APIS

Submitted By:

Mr. Ashish Rajesh Patel

M. Pharm, First Year

In the academic year of 2017-2018

Under the Guidance of

Dr. Ganga Srinivasan

H.O.D. (Pharmaceutics)

### VES COLLEGE OF PHARMACY, CHEMBUR

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SR 230



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. 1

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### Certificate

#### UNIVERSITY OF MUMBAI

#### VES COLLEGE OF PHARMACY

Shri Hashu Advani Memorial Complex, Chembur,

Mumbai 2017-2018

This is to certify that the seminar entitled 'PHARMACEUTICAL COCRYSTALS: A NOVEL DRUG APPROACH TO MODIFY PHYSICOCHEMICAL PRPERTIES OF APIs' is being submitted by Mr. Ashish Rajesh Patel in the partial fulfilment of the first semester of M.Pharm course based on his bonafide work done in the academic year 2017-2018 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 13/11/17

Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. Ganga Srinivasan

H.O.D. (Pharmaceutics)

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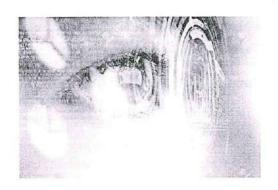
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### INNOVATIVE DRUG DELIVERY SYSTEMS FOR OPHTHALMICS



Submitted by:

Ms. Sayali Anant Pawar

M.Pharm, First Year

In the academic year of 2017-18

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
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Chembur, Mumbai - 400 074.

Dr. (Mrs.) GANGA SRINIVASAN

### VES COLLEGE OF PHARMACY, CHEMBUR

Shri Hashu Advani Memorial complex, Behind Collector Colony, Chembur East, Mumbai, Maharashtra 400074



#### UNIVERSITY OF MUMBAI

VES College of Pharmacy Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2017-18

This is to certify that the seminar entitled "INNOVATIVE DRUG **DELIVERY SYSTEMS FOR OPHTHALMICS**" is being submitted by Ms. Sayali Anant Pawar in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Date: 3/1

Dr. (Mrs.) Supriya'S, Shidhaye PRINCIPAL Vivekenand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. (Mrs') Ganga Srinivasan

Head of Department of Pharmaceutics

### HERPES AND ITS TREATMENT

Submitted By:

Miss. Akshada S. Salunkhe

M. Pharm, First Year

In the academic year 2017-18

Under the guidance of Dr. (Mrs.)Rajashree S. Hirlekar

### VES COLLEGE OF PHARMACY, CHEMBUR.

SR 232

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai-400074



CHEER OF PHRANACT DE

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

### University of Mumbai

VES COLLEGE OF PHARMACY SHRI HASHU ADVANI MEMORIAL COMPLEX CHEMBUR MUMBAi 2017-2018

This is to certify that Miss. Akshada S. Salunkhe has submitted this seminar entitled, "HERPES AND ITS TREATMENT" in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2017-2018 at VES College of Pharmacy, Chembur, Mumbai, under my direct guidance and supervision.

Place: Chembur

Date: [4/11/17.11)

Dr. (Mrs.) Rajashree S. Hirlekar

Frulekar

(Guide)

Dr. (Mrs.) Suprive S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
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Chembur, Mumbal - 400 074.



### NIOSOME: A FUTURE OF TARGETED DRUG DELIVERY SYSTEMS

Submitted By:

#### SHAHBAZ AHMED

M. Pharm, First Year

In the academic year of 2017-2018

Under the Guidance of

Dr.SAMEER PADHYE

SR 233





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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#### UNIVERSITY OF MUMBAI

#### VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur, Mumbai 2017-18

This is to certify that the seminar entitled "NIOSOME: A FUTURE OF TARGETED DRUG DELIVERY SYSTEMS" is being submitted by Mr.Shahbaz Ahmed in the partial fulfilment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: CHEMBUR

Date: 14 11/17

Dr. Sameer Padhye

(Department of Pharmaceutics)

Dr. (Mrs.) Supriya S. Shidhaye
PRINICIPAL
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SOLID LIPID NANOPARTICLES -AN ALTERNATIVE TREATMENT FOR BRAIN TUMOR

### A SEMINAR REPORT ON

### SOLID LIPID NANOPARTICLES -AN ALTERNATIVE TREATMENT FOR **BRAIN TUMOR**

Submitted By

Miss. Shivali H Tank

M. Pharm, First Year

In the academic year of 2017-18



Under the Guidance of

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
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HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

### VES COLLEGE OF PHARMACY, CHEMBUR

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VES COLLEGE OF PHARMACY

Page 224

#### UNIVERSITY OF MUMBAI

### VES college of Pharmacy

### Shri Hashu Advani memorial complex Chembur,

#### Mumbai 2017-18

This is to certify that the seminar entitled "SOLID LIPID NANOPARTICLE AN ALTERNATIVE FOR BRAIN TUMOR" is being submitted by Ms, SHIVALI H. TANK in the partial fulfillment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervison.

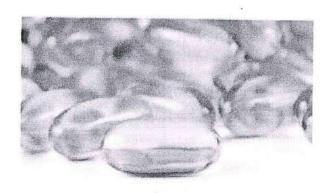
PLACE: MUMBAI

Dr. (Mrs.) Sup

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Department-Pharmaceutics

### SELF EMULSIFYING DRUG **DELIVERY SYSTEM**



Submitted By:

Mr.Neeraj Telvekar

M.Pharm, First Year

In the academic year of 2017-18

5R 235



Under the Guidance of: Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL

Dr.Sameer Padhye

Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



### Certificate

### UNIVERSITY OF MUMBAI

VES College of Pharmacy Shri Hashu Advani Memorial Complex Chembur, Mumbai-400074

This is to certify that the seminar entitled "SELF EMILISIFYING DRUG DELIVERY SYSTEM" is being submitted by Mr. Neeraj Telvekar in the partial fulfillment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14/11/2017

Dr. Sameer Padhye

Department of Pharmaceutics

Dr. (Mrs.) Seprita S. Shidhaye Film of PAL Vivekanand Education Society's

College of Pharmacy
HAMC, Benind Collector Colony,
Chembur, Mumbai - 400 074.

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# ROLE OF ONCOLOGY CLINICAL PHARMACIST :A CASE OF LIFE-SAVING INTERVENTIONS

Submitted By:

Miss. AKANKSHA D BADGUJAR

M.Pharm, First Year SEM I C.B.S.G.S.[QUALITY ASSURANCE]

In the Academic Year of 2017-18

Under the guidance of

Dr. Gaurav Doshi

5R 236

VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony,



Chembur(E). Mumbai-400074.

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WEIGHUR LUMBALTA

COLLEGE OF PHARMARCH

Dr. (Mrs.) Sypriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur,

Mumbai 2017-18

This is to be certify that the seminar entitled "ROLE OF ONCOLOGY CLINICAL PHARMACIST: A CASE OF LIFE-SAVING INTERVENTIONS" is being submitted by Ms.Akanksha D. Badgujar in partial fulfilment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Mumbai

Date: 14/11/17 ·

r. Gauray Doshi.

Department of Quality Assurance

Dr. (Mrs.) Suprilla S. Shidhaye
Phil. 19AL
Vivekanand Edu. 1 on Society's
College of Pharmacy

College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. (Mrs.) Sepseys S. Sbidnaye FRINCIPAL

> College of Premise Betal, Define on the nor C





### **PHARMACODYNAMIC INTERACTIONS IN** MULTICELLULAR CONTEXT.

Submitted by-Mayuresh U Bansode

M.Pharm, First Year

In the academic year of 2017-18

Under the Guidance of

Mrs. Gayatri Aggarwal

SR 237

### VES COLLEGE OF PHARMACY, CHEMBUR.

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur (East), Mumbai 400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "Pharmacodynamic interactions in multicellular context" by Mr. Mayuresh U Bansode being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Quality Assurance) is based on her bonafide work done in Academic Year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place:- Chembur

Mrs. Gayatri Aggarwal

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Date: 14-11 2017

Signature

Dr. (Mrs.) Supriya S. Shidhaye PHINCIPAL Vivekanand Education Society's

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

AMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Pharmacodynamic interactions in multicellular context

### **BIOANALYTICAL METHOD DEVELOPMENT AND** VALIDATION

### Submitted by:

Miss. Tanmayee Vilas Dhamale M.Pharm. First year (Quality Assurance)

In the academic year of 2017-18

Under the Guidance of Dr. Anita Ayre

### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind collector colony, Chembur (E), Mumbai-400074

52 238



VES COLLLEGE OF PHARMACY, CHEMUR



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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#### UNIVERSITY OF MUMBAI

#### VES College of Pharmacy

Shri Hashu Advani memorial complex Chembur,

Mumbai 2017-18

This is to certify that the seminar entitled "BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION" is being submitted by MS. TANMAYEE V. DHAMALE in the partial fulfillment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur , Mumbai, under my guidance and supervison.

PLACE: MUMBAI

DATE: 14/11/2017

Or. (Mrs.) Supriva B. Shidhaya PRINCIPAL Vivekanand Education Society's College or Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLLEGE OF PHARMACY, CHEMUR

DR. ANITA P. AYRE

**Department of Quality Assurance** 

Created by 21PEC I www.2jpeq.com

EXPORT POTENTIAL OF CASTOR VALUE ADDED PRODUCTS IN INDIA

#### A

### SEMINAR REPORT

ON

# EXPORT POTENTIAL OF CASTOR VALUE ADDED PRODUCTS IN INDIA

Submitted By:

Ms. Mayuri Pramod Hangekar

M.PHARM, FIRST YEAR

In the acedemic year of 2017-2018

Under the guidance of

Mr. Ojaskumar.D.Agrawal

Department of Quality Assurance

50 220



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, behind Collector Colony, Chembur East, Mumbai-400078, Maharashtra

VES COLLEGE OF PHARMACY, CHEMBUR

1

EXPORT POTENTIAL OF CASTOR VALUE ADDED PRODUCTS IN INDIA

#### CERTIFICATE

University of Mumbai

VES COLLEGE OF PHARMACY,

SHRI HASHU ADVANI COMPLEX,

CHEMBUR, MUMBAI

2017-2018

This is to certify seminar entitled, "Export potential of castor value added products in India" by Miss.Mayuri.P.Hangekar being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the acedemic year 2017-2018 at VES College of pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date:

Mr.Ojaskumar Agrawal

(Guide)

Assistant Professor

(Pharmaceutical Analysis)

Dr. (Mrs.) Supriya S. Shidhaye PRIMCIPAL Vivekanand Education Society's

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.



VES COLLEGE OF PHARMACY, CHEMBUR

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# CHALLENGES IN FORMULATION OF ESSENTIAL OILS

### Submitted By:

Name: Ms. Mayuri Vasant Jain

M.Pharm, First Year

In the academic year of 2017-2018

Under the guidance of

Mrs. Ashwini Wani

SR 240





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu adwani memorial complex, chembur (e), Mumbai 400074

### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2017-18

This is to certify that the seminar entitled "CHALLENGES IN FORMULATION OF ESSENTIAL OILS" is being submitted by Ms. Mayuri vasant jain in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

PLACE:-

DATE:-

Dr. (Mrs.) Suprive S. Shidhaye

Vivekanand Editection Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Oberham Book College C

MRS.ASHWINI WANI

(ASSISTANT PROFESSOR)

### APPLICATION OF QUALITY BY **DESIGN IN FORMULATION AND** ANALYTICAL METHOD **DEVELOPMENT**

Submitted by: Miss Archana P. Joshi M.Pharm, First year

In the academic year of 2017-2018

Under the guidance of Dr.Anita Ayre

SR 241

### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, behind collector colony, Chembur (E), Mumbai-400074



Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
PRINCIPAL
Ves college of Pharmacy, CHEMBUR College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

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#### UNIVERSITY OF MUMBAI

### VES college of Pharmacy

### Shri Hashu Advani memorial complex Chembur,

#### Mumbai 2017-18

This is to certify that the seminar entitled "Application of Quality by Design in formulation development and analytical method development" is being submitted by Miss Archana P. Joshi in the partial fulfillment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

PLACE: MUMBAI

DATE: 14/11/2017

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur Mumbal, 400,074

Chembur, Mumbai - 400 074.

Dr. ANITA P. AYRE

Department of Quality Assurance

VES COLLEGE OF PHARMACY, CHEMBUR

# NOVEL METHODS OF EXTRACTION IN

### **BIOANALYSIS**

Submitted By:

### Mr. MAYUR KISHOR MODAK

M. Pharm, First Year

In the academic year of 2011-12

Under the Guidance of

Dr. Anita P. Ayre

SR 243

### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East,

Mumbai, Maharashtra 400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy 1 HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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#### UNIVERSITY OF MUMBAI

#### VES college of Pharmacy

Shri HashuAdvani memorial complex Chembur,

Mumbai 2017-18

This is to certify that the seminar entitled "NOVEL METHODS OF EXTRACTION IN BIOANALYSIS" is being submitted by Mr, MAYUR K. MODAK in the partial fulfillment of the requirement of the first semester of M. Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

PLACE: MUMBAI

DATE: 14/11/17

Dr. (Mrs.) Supriya S. Shidhaye PRIMCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Dr. ANITA P. AYRE

Department of Quality Assurance

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# STANDARDISATION OF HERBAL PLANTS BY DNA FINGERPRINTING

### Submitted by:

Asmita Peraj Joyasar

M. Pharm, First year
(Quality Assurance)
In the academic year of 2017-18

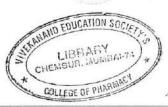
Under the guidance of Mrs. Vidhi Bhatia

SR 242

### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai-400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex Chembur, , Mumbai 2017-18

This is to be certify that the seminar entitled "STANDARDISATION OF HERBAL PLANT BY DNA FINGERPRINYING" is being submitted by Ms. Asmita P. Joyasar in partial fulfilment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Obenbur (Mumbai)

Date: 11/11/17

Mrs. Vidhi Bhatia

Department of Quality Assurance

Dr. (Mrs.) Stor a S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. INDIA PARTIES OF THE PROPERTY OF THE PROPERTY

Dic (Airs.) Sironlys S. Shidhaya Perticonal Vesikanana Education Society's College with Comment



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# BIOTECHNOLOGY DERIVED INSULIN AND IT'S DELIVERY SYSTEMS

Submitted by:

Snehal Vilas Patil

M.Pharm, First Year

In academic year 2017-2018

Under the guidance of

Dr.(Mrs) R.S.HIRLEKAR

SP 244

### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai-400074





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

### University of Mumbai

VES COLLEGE OF PHARMACY

SHRI HASHU ADVANI MEMORIAL COMPLEX

CHEMBUR MUMBAI

2017-2018

This is to certify that Miss. Snehal V. Patil has submitted this seminar entitled, "BIOTECHNOLOGY DERIVED INSULIN AND IT'S DELIVERY SYSTEMS" in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2017-2018 at VES College of Pharmacy, Chembur, Mumbai, under my direct guidance and supervision.

Place: Chembur

Date: 14 | 11 | 2017

Dr. (Mrs.) R. S. HIRLEKAR

Portulekar

(Guide)

Professor and Head of Department

(Quality Assurance)

Dr. (Mrs.) Suprive 7 Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



#### A SEMINAR REPORT ON

# TARGETED TREATMENT APPROACHES FOR ALZHEIMER'S DISEASE

Submitted By: SUPRIYA SAMBHAJI PAWAR

M. pharm, First year In the academic year of 2017-2018

Under the Guidance of Dr. SWATI MITTAL

SR245

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai- 400074





#### University of Mumbai

# VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR MUMBAI

2017-2018

This is to certify seminar entitled, "TARGETED TREATMENT APPROACHES FOR ALZHEIMER'S" by Miss. Supriya pawar being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2017-2018 at VES College of Pharmacy, Chembur, Mumbai, under the guidance and supervision.

Place: Chembur

Data: 0 11 17

Dr. SWATI MITTAL

or. (Mrs.) Supri S. Shidhaye Principal Shighin Society's

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. CONSTRUCTION OF PARTY OF THE PA



FUNCTIONING AND EFFICIENCY OF JAN AUSHADHI STORE IN INDIA: THE OWNERS PERSPECTIVE

#### A SEMINAR REPORT ON

**Functioning and Efficiency of** Jan Aushadhi Stores in India: The owners' perspective



#### Submitted By:

Name: Miss.SnehaDattatryShinde

M. Pharm, First Year

SR 246

In the academic year of 2017-18

Under the Guidance of

Dr. Gaurav Doshi

D EDUCATION SO

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY

COLLEGE OF PHARM

FUNCTIONING AND EFFICIENCY OF JAN AUSHADHI STORE IN INDIA: THE OWNERS PERSPECTIVE

### Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri HashuAdvaniMemorial Complex Chembur,

Mumbai 2016-17

This is to certify that the seminar entitled "Functioning and Efficiency of Jan Aushadhi Stores in India: The owners' perspective" is being submitted by Miss. Sneha D. Shindein the partial fulfilment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: CHEMBUR
Date: 3 11 2017

Dr. Gaurav Doshi

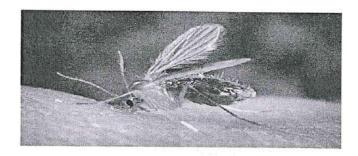
Department of Quality Assurance

VES COLLEGE OF PHARMACY

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

. .

## A SEMINAR REPORT ON RECENT APPROACHES IN THE TREATMENT OF LEISHMANIASIS



Submitted By:

#### Ms. AAKRITI KISHOR CHAWLA

M. Pharm, First Year

In the academic year of 2017-18

Under the Guidance of

SR 247

Dr.Rakesh .R. Somani

Head of the Department Pharmaceutical Chemistry

VES COLLEGE OF PHARMACY, CHEMBUR

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur(E), Mumbai- 400074

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy a cy
E HAMO, Behind Collector Colony, Chembur, Mumbai - 400 074.

1 | Page

## Certificate

#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri HashuAdvani Memorial Complex Chembur,

Mumbai- 400 071

This is to certify that the seminar entitled "Recent Advances in the Treatment of Leishmaniasis" is being submitted by Ms. Aakriti Chawla in the partial fulfilment of the requirement of the first semester of M. Pharm course based on her bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MUMBAI

Date: 14.11.17

Dr. (Mrs.) Silveria S. Shidhaye

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Strange of the College of the Colleg

D.D.I.D.C.

Dr.Rakesh .R. Somani

H.O.D. of Pharmaceutical Chemistry

21Page

VES College of Pharmacy

#### A SEMINAR REPORT ON

# Graphene-Chemistry and Its Applications



Submitted By:

Ms. Monali D. Gangthade

M.Pharm Sem-I (Pharmaceutical Chemistry)

In the academic year of 2017-18

Under the Guidance

Dr. Rakesh Somani (Professor)

(HOD Department of Pharm.Chem.)

SR 248

#### VES COLLEGE OF PHARMACY CHEMBUR

Shri Hashu Advani Memorial Complex, Collector Colony, Chembur

Mumbai-400074



VES COLLEGE OF PHARMACY CHEMBUR



Graphene-Chemistry and Its Applications

### CERTIFICATE UNIVERSITY OF MUMBAI VES COLLEGE OF PHARMACY

Shri Hashu Advani Memorial Complex, Chembur Mumbai-400074

This is certified that the seminar entitled 'Graphene Chemistry and Its Applications' is being submitted by Miss. Monali Gangthade in the partial fulfillment of the requirement of first semester of M Pharm course based on her bonafide work done in the academic year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14/11/14

DR.RAKESH SOMANI

(Professor)

(HOD Department of Pharm.Chem.)

Vivekanand Education Society's

College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY CHEMBUR

Newer targets for anticancer treatment

#### A SEMINAR REPORT ON

### Newer targets for anticancer treatment

Submitted By:

Name: Mr. Rajesh Tukaram Katke

M.Pharm, First Year

In the academic year of 2017-2018

Under the guidance of

Mrs. Sonali munj



5R 249

Dr. (Mrs.) Stipriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu adwani memorial complex, chembur (e), Mumbai 400074

Newer targets for anticancer treatment

### **CERTIFICATE**

#### UNIVERSITY OF MUMBAI

2017-18

This is to certify that the seminar entitled "Newer targets for anticancer treatment" is being submitted by Mr. Rajesh Tukaram Katke in the partial fulfilment of the requirement of the first semester of M.Pharm course based on ber bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Place: Chembur

Date: 15/11/2017

Mrs. Sonali Munj

(Guide)

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### A SEMINAR REPORT ON

## A Scientific Road map For Antibiotic Discovery

Submitted By: Shivanand D. Patil M.Pharm First Year In The Academic Year 2017-18

Under The Guidance Of
Dr. Sandip Zine
{ASST PROFESSOR}
PHARMACEUTICAL CHEMISTRY DEPARTMENT
VES COLLEGE OF PHARMACY, CHEMBUR.
Hashu Advani Memorial Complex, Behind Collectors Colony,
Chembur(E), Mumbai-400074

SR 250





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Page 256

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#### UNIVERSITY OF MUMBAI

VES College of Pharmacy

Shri Hashu Advani Memorial Complex,

Chembur, Mumbai.

2017-18

This is to certify that the seminar entitled "A SCIENTIFIC ROAD MAP FOR ANTIBIOTIC DISCOVERY" is being submitted by Mr. SHIVANAND PATIL in the partial fulfilment of the requirement of the first semester of M.Pharm course based on her bonafide work done in the academic year 2017-18 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

PLACE: CHEMBUR, MUMBAS DATE; 15/11/2017. DR.SANDIP ZINE

Vivekanana Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.





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#### A SEMINAR REPORT ON

### Hypoxia mediated prodrug,

Submitted by-Miss-Dipali Balu Salunkhe

M.Pharm,First Year

In the academic year of 2017-18

Under the Guidance of

Mrs- Sonali Mehendale Munj Assistant professor

Pharmaceutical Chemistry Department

SR 251

#### VES COLLEGE OF PHARMACY, CHEMBUR.

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur (East), Mumbai 400074





#### University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "HYPOXIA MEDIATED PRODRUG" by Miss.Dipali Balu Salunkhe being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Pharmaceutical Chemistry) is based on her bonafide work done in Academic Year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

3

3

Place:- Chembur

Mrs-Sonali M Munj (Department of Pharmacetical

Chemistry)

1 1

Date: - 14th Nov. 2017

Dr. (Mrs.) Suprime S. Shidhaye PRING Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Application of the state of the





#### A SEMINAR REPORT ON

# HOST DIRECTED THERAPIES FOR FIGHT AGAINST TB



#### Submitted By:

Miss. Monika K. Shirke.

M. Pharm, First Year

In the academic year of 2017-18

Under the Guidance of

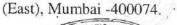
Dr.Rakesh Somani Sir

SP 252

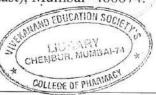
(Professor and HOD of Department of Chemistry)

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial complex, Behind Collector Colony, Chembur







#### UNIVERSITY OF MUMBAI

Academic Year 2017-18.

This is to certify that the seminar entitled "HOST DIRECTED THERAPIES FOR FIGHT AGAINST TB" by Miss.Monika K.Shirke being submitted in the partial fulfilment of the requirement of the first semester of M.Pharm (Chemistry) course based on her bonafide work done in the Academic Year 2017-18 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14/11/17

Dr.Rakesh Somani,

(Professor and HOD of Department of Chemistry).

Or. (Mrs.) Supri ... Shidhaye
Vivekanand I. is stion Society's
College of Sammacy
HAMC, Echand Collector Colony,
Chembur, Mumbai - 400 074.

Vivehaneto liducollon Society' College al Pharmany HAMC, Bening Collegtor Catony





# A SEMINAR REPORT ON ANTI-TUBERCULOSIS VACCINES AND IMMUNOTHERAPIES

Submitted By:

Ms. Oshin Barboza

M. Pharm, First Year

In the academic year of 2016-17

Under the Guidance of

Dr. Mrs. Ganga Srinivasan

SR 191

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai-400074.





University of Mumbai

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai-400074.

2016-17

This is to certify that seminar entitled, "Anti-Tuberculosis vaccines and immunotherapies" by Miss. Oshin Barboza being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2016-17 at VES College of Pharmacy Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 10 10 2016

Dr. Mrs. Ganga Srinivasan.

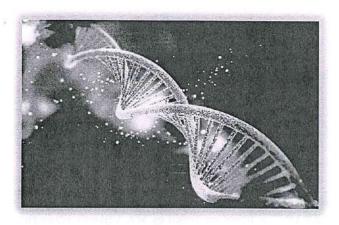
(GUIDE)

Professor and Head of Pharmaceutics Department.



196

# A SEMINAR REPORT ON SIRNA DELIVERY FOR CANCER THERAPY



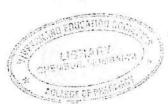
Submitted By:

Name: Mr. Vijay G. Choudhary M. Pharm, First Year

In the academic year of 2016-17
Under the Guidance of

Dr. Sameer Padhye





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

SR 192.

### Certificate

# UNIVERSITY OF MUMBAI VES COLLEGE OF PHARMACY, CHEMBUR MUMBAI

2016-17

This is to certify that the seminar entitled "siRNA DELIVERY FOR CANCER THERAPY" is being submitted by Mr. Vijay G. Choudhary in the partial fulfilment of the requirement of the first semester of M.Pharm course based on his bonafide work done in the academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur, Mumbai

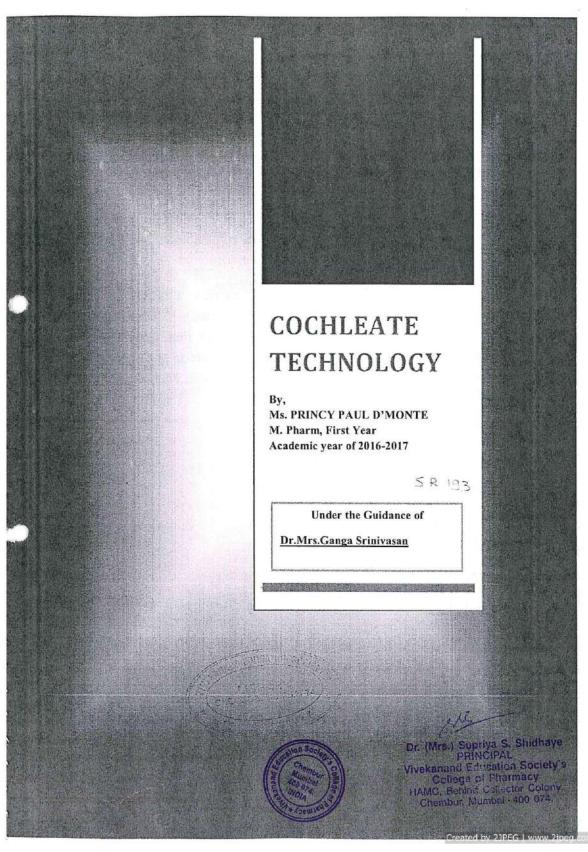
Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Date: 13 10 2016

Dr. Sameer Padhye

Department of Pharmaceutics

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Page 266

# UNIVERSITY OF MUMBAI VES College of Pharmacy Shri Hashu Advani Complex Chembur, Mumbai 2016-17

This is to certify that the seminar entitled COCHLEATE TECHNOLOGY is being submitted by Ms. Princy P. D'monte in the partial fulfilment of the requirement of the first semester of M.Pharm. course based on her bonafide work done in the academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 10 10/16

Dr. (Mrs.) Ganga Srinivasan

**HOD Pharmaceutics** 

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

miself in agriculture of their

VES College Of Pharmacy

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#### A SEMINAR REPORT ON

## SILK IN 3D PRINTING FOR ADVANCED THERAPEUTICS

Submitted by:

#### MISS. JACKLINE DANISH FERNANDES

M. Pharm, First Year
In the academic year of 2016-17

Under the Guidance of

Dr. SWATI MITTAL

SR 194

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai-400074.



## University of Mumbai 2016-17

This is to certify that seminar entitled, "SILK IN 3D PRINTING FOR

ADVANCED THERAPEUTICS" by Ms. JACKLINE DANISH

FERNANDES, being submitted in the partial fulfilment of the requirement of first semester of M. Pharm course, is based on her bonafide work done in the academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur Date: (3-10-)6 Dr. SWATI MITTAL (Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Choming, Marchine, 400 074



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# A SEMINAR REPORT ON Liposomes as a Vaccine Delivery System

Submitted By:

Mr. Abhishek Dilip Mahadik

M. Pharm, First Year (Pharmaceutics)

In the academic year 2016-17

Under the Guidance of

Dr. Sameer Padhye

#### VES COLLEGE OF PHARMACY.

Hashu Advani Memorial Complex, Behind Collector's Colony, Wadhawali Village, Chembur, Mumbai-400074.

5R 195



#### University of Mumbai

#### VES COLLEGE OF PHARMACY.

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1 2016-17

This is to certify that seminar entitled, "Liposomes as a Vaccine Delivery System" by Mr. Abhishek Dilip Mahadik, being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on his bonafide work done in the academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 13th October, 2016

Dr. Sameer Padhye

(Guide)

#### A SEMINAR REPORT ON

#### LIPOPLEX



Submitted by:

Ms.Revathi Mudaliyar

M.Pharm, First Year

In the academic year of 2016-2017

Under the Guidance of

Dr.( Mrs). Rajashree Hirlekar

SR 196

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial complex, Behind Collector's

Colony, Chembur, Mumbai-400074





#### University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "LIPOPLEX" by Ms. Revathi Mudaliyar being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Pharmaceutics) is based on her bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place :- Chembur

Dr. (Mrs). Rajashree Hirlekar

Date: - 14 10 2016

Signature





SR 197

#### A SEMINAR REPORT ON

### **MODIFIED NANOCARRIERS**

Submitted by:

Mr. Ashton Rodrigues

M. Pharm, First Year

In the academic year of 2016-2017

Under the guidance of

Dr. Sameer Padhye

VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Chembur (E), Mumbai - 400 074



SR 197



MODIFIED NANOCARRIERS

#### **CERTIFICATE**

# University of Mumbai VES COLLEGE OF PHARMACY HASHU ADVANI MEMORIAL COMPLEX CHEMBUR, MUMBAI-74 2016-17

This is to certify that Mr. Ashton Rodrigues has submitted this seminar report entitled "MODIFIED NANOCARRIERS" in the partial fulfillment of the requirement for first semester of M.Pharm course based on his bonafide work done in the academic work done in the academic year 2016-17 at VES college of pharmacy, chembur, Mumbaï, under my guidance and supervision

Place: CHEMBUR MUMBAI

Date: 13-10-2016

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

VES College of Pharmacy

Dr Sameer Padhye

(Guide)

45

# A SEMINAR REPORT ON ADVANCES IN INSULIN DELIVERY

Submitted By:

#### SNEHA UMESH SALIAN

M. Pharm, First Year

In the academic year of 2016-17

Under the Guidance of Dr. (Mrs.) GANGA SRINIVASAN

#### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai, Maharashtra 400074 5R 198





#### University of Mumbai

VES COLLEGE OF PHARMACY

SHRI HASHU ADVANI COMPLEX

CHEMBUR MUMBAI

2016-2017

This is to certify seminar entitled, "Advances in Insulin delivery" by Miss. Sneha U. Salian being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2016-2017 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date:

Dr. Ganga Srinivasan

(Guide)

Professor and Head of Department

(Pharmaceutics)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai- 400 074.





SR 199

#### A SEMINAR REPORT ON

## APPROACHES FOR DEVELOPMENT **OF NANOFORMULATIONS**

Submitted By:

Miss. UTKARSHA H. SARANG F.Y.M.PHARM SEM I C.B.S.G.S. [PHARMACEUTICS]

In The Academic Year 2016-2017

Under the Guidance of

MRS. HARSHA KATHPALIA (ASSISTANT PROFESSOR)

SR 199





#### 3

#### **CERTIFICATE**

## University Of Mumbai 2016-17

This is to certify that seminar entitled, "Approaches For Development Of Nanoformulations" by Ms. Utkarsha Harishchandra Sarang being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on her bonafide work done in the academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14/10/16

Mrs.Harsha Kathpalia

(Guide)

Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

VES College of Pharmacy, Chembur



# A SEMINAR REPORT ON IN-VITRO DISSOLUTION TESTING OF , NANOPARTICLES

Submitted By

#### MISS, SAMIDHA SANJAY SHIKARKHANE

M. Pharm, First Year

In the academic year of 2016-17

Under the Guidance of

#### Mrs.HARSHA KATHPALIA

(Assistant professor)

5R 200



# University of Mumbai VES COLLEGE OF PHARMACY, CHEMBUR

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1 2016-17

#### **CERTIFICATE**

This is to certify that seminar entitled, "IN-VITRO DISSOLUTION TESTING OF NANOPARTICLES" by Ms. SAMIDHA SANJAY SHIKARKHANE, being submitted in the partial fulfilment of the requirement of first semester of M.Pharm course, is based on her bonafide work done in the academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14/10/16

Mrs. HARSHA KATHPALIA

(Assistant Professor)





# NON-INVASIVE NANOPARTICULATE DRUG DELIVERY SYSTEM TO TREAT DIABETIC RETINOPATHY

Submitted By:

Mr. AKSHAY VILAS SONAVANE

M. Pharm, First Year

(Pharmaceutics)

In the academic year of 2016-17

Under the Guidance of

Dr. SWATI MITTAL

VES COLLEGE OF PHARMACY,

HAMC CHEMBUR, MUMBAI- 400074.

SR 201





This is to certify that the seminar entitled 'NON-INVASIVE NANOPARTICULATE DRUG DELIVERY SYSTEM TO TREAT DIABETIC RETINOPATHY' is the bonafide work carried out by AKSHAY V. SONAVANE student of Master of Pharmacy (Pharmaceutics), Semester 1<sup>st</sup>, at VES College of Pharmacy, Chembur affiliated to the Mumbai University, Mumbai, during the academic year 2016-17, in partial fulfilment of requirements for the award of the degree of Master of Pharmacy. This seminar does not have any basis for previously awarded Degree, Diploma, Associate ship, Fellowship or any other seminar title.

Dr. SWÁTI MITTAL

(Department of Pharmaceutics)





## MESOPOROUS SILICA NANOPARTICLES

Submitted by:

Ms. Teeja P. Suthar

M.Pharm, First Year

Under the Guidance of

In the academic year 2016-2017

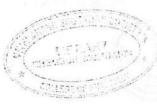
Dr. Mrs. Supriya Shidhaye

SR 202

## VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial complex, Behind Collector's Colony, Chembur, Mumbai-400074





## Certificate

University of Mumbai

Academic Year 2016-17

This is to certify that seminar entitled "MESOPOROUS SILICA NANOPARTICLES" by Ms. Teeja P. Suthar being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Pharmaceutics) is based on her bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 13-10-2016

Dr. Mrs. Supriya Shidaye

(Principal, VES College of Pharmacy)





## LIPOSPHERES

## Submitted By:

Miss. Aarti Jaysingrao Tippe M. Pharm (Pharmaceutics), First Year

In the academic year of 2016-17

Under the Guidance of

Dr. (Mrs.) Rajashree S. Hirlekar

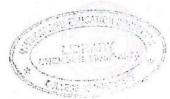
Professor, Department of Pharmaceutics

SR 203

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai – 400074.





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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## University of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai - 400074.

2016-2017

#### **CERTIFICATE**

This is to certify seminar entitled, "Lipospheres" by Miss. Aarti J. Tippe being submitted in the partial fulfillment of the first semester of M. Pharm course is based on her bonafide work done in the academic year 2016-2017 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Dr. (Mrs.) Rajashree S. Hirlekar

Porulekar

Date: 15 10/16

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy, HAMC, Behind Collector Colony, College of Pharmacy, HAMC, Behind Collector Colony, Public Chembur, Mumbai - 400 074.



## ROLE OF NATURAL PRODUCTS IN TREATMENT OF CARDIOVASCULAR DISEASE

Submitted By:

Miss. Sampada R. Bandodkar

F.Y.M.PHARM SEM I C.B.C.S. [QUALITYASSURANCE]

In The Academic Year 2016-2017

Under the Guidance of

MR K. V. SHASTRI (ASSISTANT PROFESSOR)

SR. 204

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (E), Mumbai-400074





University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "ROLE OF NATURAL **PRODUCTS** IN TREATMENTOF CARDIOVASCULAR DISEASE" by Ms. Sampada R. Bandodkar. being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Quality Assurance) is based on her bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place :- Chembur

Mr. Keyur V Shastri (Asst Prof.)

Date: 14 10 2016

Signature

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Ghembyr, Mymbal - 400 074.

·..

## MICROBIAL RESISTANCE

Submitted by:

Mr. Pranil Chinchwalkar

M. Pharm, First Year Sem-1 (Quality Assurance)

In the academic year of 2016-17

Under the Guidance of

Mrs. Gayatri Aggarwal

5R 205

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur(E), Mumbai- 400074



University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "Microbial Resistance" by Mr. Pranil P.Chinchwalkar being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Quality Assurance) is based on her bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place:- Chembur

Mrs. Gayatri Aggarwal

Date: - 13.10.16

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



[Signature

## HERBAL DRUGS USED FOR TREATMENT AND PREVENTION OF DENGUE

Submitted By:

Miss. Anita D.Dhumal

F.Y.M.PHARM SEM I C.B.S.G.S. [QUALITYASSURANCE]

In The Academic Year 2016-2017

Under the Guidance of

Mrs. Vidhi Bhatia

SR 206

## VES COLLEGE OF PHARMACY, CHEMBUR.

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur(E),Mumbai-400074





# University of Mumbai VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR MUMBAI 2016-17

This is to certify seminar entitled HERBAL DRUGS USED FOR TREATMENT AND PREVENTION OF DENGUE by Ms. ANITA DHUMALbeing submitted in partial fulfillment of the requirement of first semester of M.Pharmacy course is based on her bonafide work Done in academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai under the guidance and supervision.

Place Chembuz, Mumbai

Date: 14/10/2016

Mrs. Vidhi Bhatia

(Guide)





# IMPURITY PROFILING OF GENOTOXIC AND CHIRAL IMPURITIES

Submitted By:

MS. Shweta Narayan Jagadale

M. Pharm, First Year

In the academic year of 2016-17

Under the Guidance of

Dr. Deepali Gangrade

SR 201

## VES COLLEGE OF PHARMACY,

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai, 400074





University of Mumbai

#### VES COLLEGE OF PHARMACY

This is to certify seminar entitled, "IMPURITY PROFILING OF GENOTOXIC AND CHIRAL IMPURITIES" by Ms. SHWETA NARAYAN JAGADALE being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidence and supervision.

Place - Chembur

Date -

Dr.Mrs. Deepali Gangrade

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074, Social / O Communication of the communication of th

## A SEMINAR REPORT ON IMMUNOSUPPRESSANTS

Submitted By:

Mr. SANDEEP ANANDA KAMBLE

M. Pharm, First Year Sem-1 (Quality Assurance)

In the Academic Year of 2016-17

Under the Guidance of

Mrs. Gayatri Aggarwal (Asst Prof.)

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur(E), Mumbai- 400074

SR 208



### University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "Immunosuppressants" by Mr. Sandeep Ananda Kamble being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Quality Assurance) is based on his bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place:- Chembur

Mrs. Gayatri Aggarwal (Asst Prof.)

Date: 13-10-16

Signature

Dr. (Mrs.) Supty a S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

College of Pharmacy PAMC, Bahnil Collegist Color Crember, Dunit 400 074,



## A STUDY TO UNDERSTAND RELATIONSHIP BETWEEN BCS CLASS OF DRUGS AND ITS NANOPARTICLES

Submitted By:
Miss. SWAPNALI DEEPAK KAMBLE

M. Pharm, First Year

In the academic year of 2016-17

Under the Guidance of

DR. VIVEK NALAWADE

SR 209

VES COLLEGE OF PHARMACY, CHEMBUR.

Shree Hashu Advani Memorial COMPLEX, Collector Colony, Chembur, Mumbai- 400074





## University of Mumbai

## VES COLLEGE OF PHARMACY

Shree Hashu Advani Memorial COMPLEX, Collector Colony, Chembur, Mumbai- 400074

#### 2016-17

This is to certify that the seminar entitled, "A STUDY TO UNDERSTAND RELATIONSHIP BETWEEN BCS CLASS OF DRUGS AND ITS NANOPARTICLES" by Miss. Swapnali Deepak Kamble being submitted in the partial fulfilment of the requirement of first semester of M. Pharmacy course is based on her bonafide work done in the academic year 2016-17 at VES college of pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur (Mumbai)

Date: 13th October 2016

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 409 074.

Dr. Vivek Nalawade

(Guide)

)

## RECENT TRENDS IN NUTRACEUTICALS



## Submitted By:

Ms. Macveena Michael Machado

First Year M.Pharm (Quality Assurance)
In the academic year of 2016-2017

Sf 210

Under the Guidance of Mrs. Vidhi Bhatia

## VES COLLEGE OF PHARMACY, CHEMBUR

HashuAdvani Memorial Complex, Behind Collector's Colony, Chembur- 400074.





University Of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR

HashuAdvani Memorial Complex, Behind Collector's Colony,

Chembur- 400074

2016-2017

This is to certify that Ms. Macveena M. Machado has submitted this seminar entitled "RECENT TRENDS IN NUTRACEUTICALS" in the partial fulfilment of the requirement for first semester of M. Pharm course and is based on her bonafide work done in the academic year 2016-2017 at VES College Of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 14/10/16

Mrs.Vidhi Bhatia





## HPTLC: Method Development and Validation for Fixed Dose Combination Drugs and Herbal Analysis

Submitted By:

## RENU RANGASWAMI MARIEM MADRI (QUALITY ASSURANCE)

M.pharm, First year

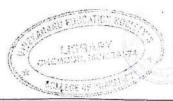
5R 211

Under the Guidance of Dr.(Mrs.) Deepali Gangrade

## VES COLLEGE OF PHARMACY, CHEMBUR.

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai-400074, Maharashtra.





## Certificate

## University of Mumbai

## VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR MUMBAI

2016-17

This is to certify seminar entitled, "HPTLC:Method Development and Validation for Fixed Dose Combination Drugs and Herbal Analysis" by Mrs. RENU RANGASWAMI MARIEM MADRI being submitted in the partial fulfillment of the requirement of second semester of M.pharm course is based on her bonafide work done in the academic year 2016-17 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 14 10 2016.

Dr.(Mrs.) Deepali Gangrade

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.





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# A SEMINAR REPORT ON ESSENTIAL OILS IN COMBATING ANTIMICROBIAL RESISTANCE

## Submitted By:

Name Mr. Hiren Deepak Mange

M. Pharm, First Year

In the academic year of 2016-17

Under the Guidance of

Mrs. Ashwini Wani

SR 212.

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex. Chembur (E), Mumbai 400 074

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "ESSENTIAL OILS IN COMBATING ANTIMICROBIAL RESISTANCE" by Mr. Hiren Deepak Mange being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Quality Assurance) is based on his bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place:- Chembur

Mrs. Ashwini Wani

.

Date: -

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
'ivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbal - 400 074.

Signature

#### AN INSIGHT TO PLANT BASED IMMUNOMODULATORS

#### A SEMINAR REPORT ON

## AN INSIGHT TO PLANT BASED **IMMUNOMODULATORS**



## Submitted By:

#### Ms. Bernadette Matthews

M. Pharm, First Year (Quality Assurance)

In the academic year 2016-2017

Under the Guidance of

SR 213

#### Dr. Gaurav Doshi

(Assistant Professor, Department of Pharmacology)

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex, Behind Collector Colony,

Chembur - 400074

College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY



#### AN INSIGHT TO PLANT BASED IMMUNOMODULATORS

## CERTIFICATE

University of Mumbai

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex Chembur, Mumbai- 400074 2016-2017

This is to certify that Ms. Bernadette Matthews has submitted this seminar report entitled "An Insight to Plant Based Immunomodulators" in the partial fulfillment of the requirement for the first semester of M. Pharm course based on her bonafide work done in the academic year 2016-2017 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Dr. Gaurav Joshi

amnoshi

Date: 13/10/2016

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

(Guide)

VES COLLEGE OF PHARMACY



# Hydrophilic interaction liquid . chromatography

Submitted by:

## Mr.Rupesh Dilip Paradkar

M.Pharm,First year Sem-1(Quality Assurance)
In the academic year of 2016-2017
Under the guidance of
Mr.Ojaskumar D.Agrawal

SR 214

VES college of pharmacy, chembur.

Hashu advani memorial complex, behind collector colony,

Chembur(E), Mumbai-400074





University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "Hydrophilic interaction liquid chromaography" by Mr.Rupesh D.paradkar being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Quality Assurance) is based on her bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place :- Chembur

Mr.Ojaskumar D.Agrwal

Date:-

signature

# PLANT CONSTITUENTS IDENTIFICATION RELATED TO THE CONCEPTS OF HPTLC AND HPLC

Submitted By:

Ms. Ankita Sanjeev Patil

M. Pharm, First Year (Quality Assurance)

In the academic year of 2016-2017

Under the Guidance of

Dr. Gaurav M. Doshi





5 R 215

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Collector Colony,

Chembur (E), Mumbai-400074





## Certificate

University of Mumbai

#### VES COLLEGE OF PHARMACY

Shree Hashu Advani Memorial COMPLEX, Collector Colony, Chembur, Mumbai- 400074

2016-17

This is to certify seminar entitled, "PLANT CONSTITUENTS IDENTIFICATION RELATED TO THE CONCEPTS OF HPTLC AND HPLC" by Ms. Ankita Sanjeev Patil being submitted in the partial fulfillment of the requirement of first semester of M. Pharmacy course is based on her bonafide work done in the academic year 2016-17 at VES college of pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur (Mumbai)

Date: 13th October 2016

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

Chembur Mumbal Radio 674.

Dr. Gaurav M. Doshi

Gronslii

Assistant Professor

Pharmacology

Department

## Nanotechnology: A new approach in herbal drugs

Submitted By:

Miss. Poonam B. Shetty

M. Pharm, First Year Sem-1 (Quality Assurance)

In the Academic Year of 2016-17

Under the Guidance of

Mr. Keyur V. Shastri (Asst Prof.)

SR 216

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur(E), Mumbai- 400074





## University of Mumbai

Academic Year 2016-17

This is to certify seminar entitled, "Nanotechnology: A new approach in herbal drugs" by Ms. Poonam B. Shetty being submitted in the partial fulfillment of requirement of first semester of M. Pharm (Quality Assurance) is based on her bonafide work done in Academic Year 2016-17 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place :- Chembur

Date:- 14 10 2016

Mr. Keyur V Shastri (Asst Prof.)

KY Shasti

Signature

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.



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SR 217

## TARGETING HYPOXIA IN CANCER **THERAPY**

A Project Submitted to



University of Mumbai

In partial fulfillment for the degree of Master of Pharmacy

by

Miss. Amita A. Ahir

Under the guidance of

52 217

Mrs. Sonali Munj M. Pharm.

Assistant Professor, Department of Pharmaceutical chemistry





Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.
Vivekanand Education Society's College of

Pharmacy, Mumbai.400074

2016-2017



## Vivekanand Education Society's College of Pharmacy, Mumbai

#### DECLARATION

I hereby declare that the seminar report entitled 'TARGETING HYPOXIA IN CANCER THERAPY' has been prepared by me under the guidance and supervision of my guide Mrs. Sonali Munj, in partial fulfillment of requirement for the award of the Master of Bachelor of Pharmacy.

I further declare that I have not submitted this work previously.

Date: 15 11 oct 2016

Place: Mumbai

Miss. Amita A. Ahir

First Year M. Pharm. Vivekanand Education Society's College of pharmacy, Mumbai

## RISE OF ANTIBIOTIC RESISTANCE IN TUBERCULOSIS

Submitted By:

Mr.Shweta Patankar

M.pharm, First year

Under the Guidance of Dr.Sandip Zine

SR 218

## VES COLLEGE OF PHARMACY, CHEMBUR.

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai, Maharashtra 400074.



## University of Mumbai

## VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR MUMBAI 2016-17

This is to certify seminar entitled, "Rise of antibiotic resistance in tuberculosis" being submitted in the partial fulfillment of the requirement of first semester of M.pharm course is based on his bonafide work done in the academic year 2016-17 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place:Chembur

Date: 15/10/16

Dr. (Mrs.) Supriya B. Shidhaye

550 004 stadmit Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

Dr. Sandip Zine

(Guide)



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## ORGANOMETALLICS; AN INSIGHT

Submitted By:

## Ms. SUSHMITA SUDHAKAR RAOPATI

M.Pharm, first year

In the academic year 2016-2017

Under the Guidance of

Mrs. DeepaliGangrade

SR 219

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai, Maharashtra 400074.





#### Certificate

## University of Mumbai

### VES COLLEGE OF PHARMACY

#### SHRI HASHU ADVANI COMPLEX

CHEMBUR MUMBAI2016-17

This is to certify seminar entitled, "ORGANOMETALLICS; AN INSIGHT" by MS. SUSHMITA SUDHAKAR RAOPATI being submitted in the partial fulfillment of the requirement of second semester of M.Pharm course is based on her bonafied work done in the academic year 2016-17 at VES college of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Dr.(Mrs.)DeepaliGangrade

Date:

(Guide)





## GLYCOMIMETIC DRUGS AND INHIBITORS

Submitted By:

Miss. Rohini Shrimant Sathe M. Pharm (Chemistry), First Year

In the academic year of 2016-17

Under the Guidance of

Dr. (Mr.) Rakesh R. Somani

HOD, Department of Chemistry

58 220

VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector's Colony,

Chembur, Mumbai - 400074.



## University of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai – 400074.

2016-2017

#### **CERTIFICATE**

This is to certify seminar entitled, "Glycomimetic Drugs and Inhibitors" by Miss. Rohini Shrimant Sathe being submitted in the partial fulfillment of the first semester of M. Pharm course is based on her bonafide work done in the academic year 2016-2017 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

Vivekanand Education Society's College of Pinarmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Place: Mumbai

Date: 18,10,7016

Dr. (Mr.) Rakesh R. Somani

(Guide)

## SEMINAR ON

## Some Novel long Acting Parenteral Drug Delivery System An Overview

Submitted by:-

Vinita. A. Basantani

M.Pharm, first year

In the academic year of 2015-2016

Under the guidance of

Dr. (Mrs.) Supriya Shidhaye

## VES COLLEGE OF PHARMACY, CHEMBUR

HASHU ADVANI MEMORIAL, COMPLEX, BEHIND COLLECTOR'S COLONY CHEMBUR MUMBAI- 400074,





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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## CERTIFICATE

University of Mumbai

### VES COLLEGE OF PHARMACY

SHRI HASHU ADVANI COMPLEX

CHEMBUR, MUMBAI

2015-16

This is to certify seminar entitled "SOME NOVEL LONG ACTING PARENTERAL DRUG DELIVERY SYSTEMAN OVERVIEW" by Ms. VINITA .A. BASANTANI being submitted in the partial fulfillment of the requirement of first semester of M. Pharmacy course is based on her bonafied work done in the academic year 2015-16 at VES College of pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Chembur

Date: 20-10-15

Dr. (Mrs.) SUPRIYA SHIDHAYE

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

College of Pharmacy,
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

RAMO, Bahind Calleator Color Chembus Mumbar- 400 974.



## A SEMINAR REPORT ON **EDIBLE VACCINES:** LET THY FOOD BE THY MEDICINE



## **Submitted By:**

Mr. Srinivas Rajesham Bhairy

M. Pharm (Pharmaceutics), First Year

In the academic year of 2015-16

5R 1214

Under the Guidance of

Dr. (Mrs.) Rajashree S. Hirlekar

Professor, Department of Pharmaceutics

## VES COLLEGE OF PHARMACY, CHEMBUR.

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Chembur, Mumbai - 400 074.

## University of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR :

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai-400 074.

#### 2015-16

### **CERTIFICATE**

This is to certify seminar entitled, "Edible Vaccines: Let thy food be thy medicine" by Mr. Srinivas R. Bhairy being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on his bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 19/10/2015

Dr. (Mrs.) Rajashree S. Hirlekar

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Dr. Grand, Townson S. Shidhay



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Capaniar Stantace Colony

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## **DRUG NANOCRYSTALS**

## Submitted By:

### Ms PRIYANKA NAGNATH CHAKOTE

M. Pharm, First Year (Pharmaceutics)
In academic year of 2015-2016

Under the guidance of Dr SAMEER PADHYE

## VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector Colony, Chembur (East), Mumbai-400074

Mon Society College College Mumber 400 074 Popular Appendix Append

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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SR 1115

#### CERTIFICATE

University of Mumbai

# VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI 2015-16

This is to certify seminar entitled "DRUG NANOCRYSTALS" by MsPRIYANKANAGNATH CHAKOTE being submitted in the partial fulfilment of the requirement of first semester of M. Pharmacy course is based on her bonafied work done in the academic year 2015-16 at VES College of pharmacy, Chembur, Mumbai under my guidance and supervision.

PLACE: Chembur

DATE:

DR. Sameer Padhye

(Guide)



## Application of Ion Exchange resin in Oral drug delivery systems

Submitted By:

Sukanya. S. Das

M. Pharm, First Year

In the academic year of 2015-16

5R 146

Under the Guidance of

Mrs. Harsha Kathpalia

Chembur Control of Mumbur Age 074 Age

#### CERTIFICATE

#### UNIVERSITY OF MUMBAI

#### VES COLLEGE OF PHARMACY

Shri HashuAdvani Memorial Complex,

Behind Collector Colony,

Chembur East, Mumbai, Maharashtra 400074

2015-2016

This is to certify that seminar entitled, "Applications of Ion Exchange Resin In Oral Drug Delivery Systems" by Ms. Sukanya S. Das being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 14 10 15

Mrs. Harsha Kathpalia

Assistant Professor (Pharmaceutics)

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye

Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Chembur Mumbel of American Mumbe

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## A SEMINAR REPORT ON POLYMER ENZYME CONJUGATE

Submitted By:

Ms. KARISHMA DHURI

M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of

Dr. SAMEER PADHYE

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Chembur (E)

Mumbai-400 074.

SA 1217



## University of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI

2015-16

## **CERTIFICATE**

This is to certify that seminar entitled, "POLYMER ENZYME CONJUGATES" by Ms.KARISHMA DHURI, being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

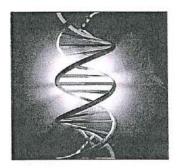
Place: Chembur

Date: 19/10/2015

Dr. SAMEER PADHYE

(Guide)

# A SEMINAR REPORT ON ANTISENSE OLIGONUCLEOTIDES AS THERAPEUTICS & ITS DELIVERY



Submitted By: Miss Bhagyashree Ram Gurav

M. Pharm, First Year (Pharmaceutics)

In the academic year of 2014-15

Under the Guidance of

Dr.Ganga Srinivasan

311118

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex,

Behind Collectors Colony, Chembur (East)

Mumbai-400 074



#### **CERTIFICATE**

University of Mumbai

#### VES COLLEGE OF PHARMACY

#### SHRI HASHU ADVANI COMPLEX

CHEMBUR, MUMBAI

2015-16

This is to certify seminar entitled "ANTISENSE OLIGONUCLEOTIDES AS THERAPEUTICS & ITS DELIVERY" by Ms. Bhagyashree Ram Gurav being submitted in the partial fulfillment of the requirement of first semester of M. Pharmacy course is based on her bonafied work done in the academic year 2015-16 at VES College of pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Chembur

Date: 19.10.15

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmboy
HAMC, Behind Collector Colony,
eyen Chembur, Mumbal - 400 074.

(Guide)



# Controlled Drug Delivery for Periodontitis using In Situ Forming Implants

Submitted by
Mr. Siddhesh K. Juvekar
M. Pharm. First Year
Pharmaceutics

Academic Year 2015-16

-12 121g

Under the Guidance of Mrs. HARSHA KATHPALIA



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

I | Controlled Drug Delivery for Periodontitis using ISFI

## **CERTIFICATE**

#### UNIVERSITY OF MUMBAI

**VES College of Pharmacy** 

Shri Hashu Advani Complex

Chembur, Mumbai

2015-16

This is to certify that the seminar entitled, Controlled Drug Delivery for Periodontitis using in situ forming implants by Mr. Siddhesh K. Juvekar is being submitted in the partial fulfilment of the requirement of the first semester of Master of Pharmacy course based on his bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

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Dat

Date: 14-10-15

Place: Mumbri

Dr. (Mrs.) Supriva S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Harsha

Mrs. Harsha Kathpalia

Department of Pharmaceutics

(Guide)

Chembur Mumbai 400 974. A NOIA

## TIME CONTROLLED PULSATILE DRUG DELIVERY SYSTEMS



## Submitted by: **Kashmira Haresh Kathe** M.Pharm, First Year (Pharmaceutics)

M.Pharm, First Year (Pharmaceutics In the academic year of 2015-16

5 R. 150

Under the Guidance of Mrs. Harsha Kathpalia

VES COLLEGE OF PHARMACY, CHEMBUR, Hashu Advani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai, Maharashtra 400074.



## Certificate University of Mumbai 2015-16.

This is to certify seminar entitled, "Time Controlled Pulsatile Drug Delivery Systems" by Ms. Kashmira Haresh Kathe being submitted in the partial fulfillment of the requirement of the first semester of M.Pharm course is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

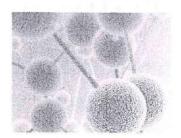
Place: Chembur Date: 15-10-15

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Mrs. Harsha Kathpalia (Guide)

Page 337

## THERMOSENSITIVE LIPOSOMES



## Submitted By:

Name :- Ms.Shruti S.Mane M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of

Guide name: - Dr. Sameer Padhye

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial complex, Behind Collectors Colony, Chembur, Mumbai – 400074.Tel: 022-61144114 Fax:022-25243925.



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PRINCIPAL
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HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

52 151

58 151

## Certificate

University of Mumbai VES COLLEGE OF PHARMACY, CHEMBUR. **MUMBAI** 2015-2016

This is to certify that seminar entitled "THERMO-SENSITIVE LIPOSOME"S by Ms. Mane Shruti Sanjay being submitted in partial fulfillment of the requirement of first semsster of of M.Pharm course is based on her bonafide work done in the academic year 2015-2016 VES College of Pharmacy, Chembur. Mumbai under my supervision and guidance.

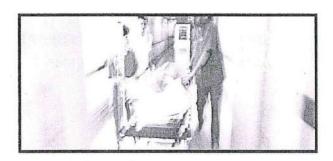
Place: Chembur

Dr. (Mrs.) Supriya S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbal - 400 074.

Dr. Sameer Padhye

Department of pharmaceutics

## A SEMINAR REPORT ON MANAGEMENT OF SEPSIS.



## Submitted By:

Name: Ms.Smruthy Menon

M.Pharm, First Year

In the academic year of 2015 - 2016

Under the Guidance of

Dr.Swati Mittal

## VES COLLEGEOF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Behind Collector's Colony, Chembur, Mumbai-400074



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HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

52 152

#### **CERTIFICATE**

University of Mumbai

#### VIVEKANAND EDUCATION SOCIETY'S COLLEGEOF PHARMACY

CHEMBUR(E), MUMBAI – 400 074

2011-12

This is to certify that, this seminar report entitled

"MANAGEMENT OF SEPSIS" by Ms.Smruthy Menon being submitted partial in fulfillment of the requirement of Mpharm Pharmaceutics, Semester-II Curriculum is based on her bonafide work done in the academic year 2015-2016 Vivekanand Education Society's College of Pharmacy, Chembur, Mumbai, Under my direct guidance & supervision.

Place: Chembur

Date- 23-10-2015

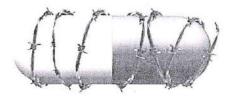
DR.(Mrs. Swati Mittal)

Dr. (Mrs.) Supriva S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
H.M.C. Behind Collector Colony,
Chembur, Mumbai - 400 074.

Page 341

5

## A SEMINAR REPORT ON ABUSE DETERRENT TECHNOLOGY



## Submitted By:

### Ms. Sreelakshmi Nandakumar Menon

M. Pharm, First Year In the academic year of 2015-16

Under the Guidance of Dr.(Mrs.) Ganga Srinivasan Professor and HOD(Pharmaceutics)

## VES COLLEGE OF PHARMACY

HashuAdvani Memorial Complex, Chembur-(E), Mumbai-400074



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

SR 193

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## Certificate University Of Mumbai

VES College Of Pharmacy

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai, Maharashtra 400074

2015-16

This is to certify that seminar entitled Abuse Deterrent Technology by Miss. SreelakshmiNandakumarMenon being submitted in the partial fulfillment of the requirement of first semester of M. pharm course is based on her bonafide work done in academic year 2015-16 atV.E.S. College Of Pharmacy under my guidance and supervision.

Date: 19th October, 2015

Place: CHEMBUR.

Dr.Mrs.Ganga Srinivasan

(Research Guide)

Dr. (Mrs.) Subrive S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbal - 400 074.

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## INTRANASAL DRUG DELIVERY: A POTENTIAL ROUTE FOR BRAIN TARGETING





Submitted By:

### Ms. Alfiha Mukhtar Momin

M. Pharm (Pharmaceutics), First Year Sem I

In the academic year of 2015-16

Under the guidance of

## Dr. (Mrs.) Rajashree Hirlekar

SR 154

Professor - Pharmaceutics

## **VES College of Pharmacy**

Hashu Advani Memorial Complex, Collector colony, Chembur (E), Mumbai-400074.



#### CERTIFICATE

University of Mumbai

#### VES COLLEGE OF PHARMACY

SHRI HASHU ADVANI COMPLEX, CHEMBUR, MUMBAI 2015-16

This is to certify seminar entitled "INTRANASAL DRUG DELIVERY:A POTENTIAL ROUTE FOR BRAIN TARGETING" by Ms. ALFIHA .M. MOMIN being submitted in the partial fulfillment of the requirement of first semester of M.Pharmacy course is based on her bonafied work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Mumbai

Date: 19-10-2015"

Dr. (Mrs.) Rajashree S. Hirlekar (Guide)

Parintekar

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.



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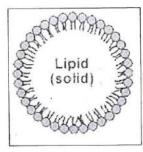
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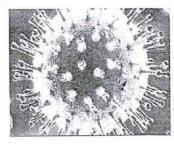
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## NANOCARRIERS FOR ORAL INSULIN DELIVERY

Submitted By:

## Ms. ESHA JAYPRAKASH PATIL

M. Pharm (Pharmaceutics), First Year Sem 1

In the academic year of 2015-16

Under the Guidance of

Dr. (Mrs). Rajashree Hirlekar

Professor (Department of Pharmaceutics)

VES COLLEGE OF PHARMACY, CHEMBUR.

HASHU ADVANI MEMORIAL COMPLEX, BEHIND COLLECTOR'S COLONY, CHEMBUR, MUMBAI-400074.



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

SR 155

#### Certificate

## University of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR

## SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1

#### 2015-16

This is to certify that seminar entitled, "Nanocarriers for oral insulin delivery" by Ms. Esha J. Patil being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Pyrintelan.

Place: MUMBAI

Dr. (Mrs.) Rajashree Hirlekar.

Date: 19/10/2015

Professor - Pharmaceutics

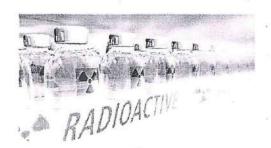
(Guide)

Dr. (Mrs.) Suprive S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal 400, 074

Chembur, Mumbai - 400 074.



## **RADIOPHARMACEUTICALS**



Submitted by:

## Ms. SHALAKA PAWAR

M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of

Dr. SWATI MITTAL

SR 156

## VES COLLEGE OF PHARMACY, CHEMBUR

HashuAdvani Memorial Complex, Behind Collector's Colony, Chembur,

Mumbai-400074

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

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HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

## University of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI 2015-16

## **CERTIFICATE**

This certify that seminar entitled, "RADIOPHARMACEUTICALS" by Ms. SHALAKAPAWAR, being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

1

Dr.SWÄTI MITTAL

Date:

(Guide)

# CARBON NANOTUBES AS 'DRUG DELIVERY TOOLS IN CANCER THERAPY

Submitted By:

## MISS. MUGDHA DEEPAK PEDNEKAR

M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of

Dr. SWATI MITTAL

## VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, BEHIND Collector's Colony, Wadhawali Village, Chembur, Mumbai-400074.

5R157



## University of Mumbai

## VES COLLEGE OF PHARMACY, CHEMBUR ,

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1

2015-16

### **CERTIFICATE**

This is to certify that seminar entitled, "CARBON NANOTUBES AS DRUG DELIVERY TOOLS IN CANCER THERAPY" by Ms. MUGDHA DEEPAK PEDNEKAR, being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur , Mumbai

Date: 19 10 2015

Dr. SWATI MITTAL

(Guide)

PRINCIPAL Society's College of Pharmacy e'vision HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074. HAMIS, Berind Colleges Colony Cherbus, Wambal - 409 974

## IN VITRO CHARACTERIZATION OF ORAL DOSAGE FORMS

Submitted by:

Priyanka D. Shinde

M. Pharm first year

In the academic year of 2015-16

Under the Guidance of Mrs. Harsha Kathpalia

SR 158

VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Collector Colony, Chembur, Mumbai.



## Certificate

University of Mumbai VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX

> CHEMBUR, MUMBA1 2015-16

This is to certify seminar entitled, "IN VITRO CHARACTERIZATION OF ORAL DOSAGE FORMS" by Ms PRIYANKA DEEPAK SHINDE being submitted in the partial fulfillment of the requirement of second semester of M. Pharm course is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

Hansha Mrs. Harsha Kathpalia (Guide)



# A SEMINAR REPORT ON BIOIMPLANTS

Submitted By:

Ms. Priyanka Ajay Vaishampayan

M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of

Dr. Mrs. Ganga Srinivasan

#### VES COLLEGE OF PHARMACY, CHEMBUR.

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Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

52 159

### Certificate

#### University Of Mumbai

### VES College Of Pharmacy

HashuAdvani Memorial Complex, Behind Collector Colony, Chembur East, Mumbai, Maharashtra 400074

20015-16

This is to certify that seminar entitled **Bio-implants** by Miss. **Priyanka Ajay Vaishampayan** being submitted in the partial fulfillment of the requirement of first semester of M. pharm course is based on her bonafied work done in academic year 2015-16 at V.E.S. College Of Pharmacy under my guidance and supervision.

Date: 19/10/2015

Place: Mumbai

Dr. (Mrs.) Supriya S. Shidhaye

PRINCIPAL

Vivekanand Education Society's

College of Pharmacy

HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

V.E.S.College Of Pharmacy, Chembui

Dr.Mrs.GangaSrinivasan

(Research Guide)

# LAYER BY LAYER SELF ASSEMBLY

Submitted by:

Miss.RASHMI RAJENDRAN

M.Pharm, First Year

5R160

In the academic year of 2015-2016

Under the guidance of:

Dr.SAMEER PADHYE

Department of pharmaceutics
VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani memorial complex.collector colony,chembur,mumbai



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### **CERTIFICATE**

#### UNIVERSITY OF MUMBAI

#### VES COLLEGE OF PHARMACY, CHEMBUR

# HASHU ADVANI MEMORIAL COMPLEX,COLLECTOR COLONY,CHEMBUR,MUMBAI

#### 2015-2016

This is to certify that seminar entitled, "LAYER BY LAYER SELF ASSEMBLY" by Ms.RASHMI RAJENDRAN, being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course, is based on her bonafide work done in academic year 2015-2016 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Dr.SAMEER PADHYE

Date: 20/10/2015

(GUIDE)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



# A SEMINAR REPORT ON NANOPARTICLES AND ITS LITERATURE REVIEW

Submitted by:

Mr. RAHUL RAMDAS BANKAR

M.Pharm, First Year

In the academic year of 2015-2016

Under the guidance of

Mr. VIVEK NALAWADE

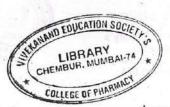
Department of Quality Assurance

### VES COLLEGE OF PHARMACY, CHEMBUR

Hashu Advani Memorial Complex, Collector Colony, Chembur,

Mumbai





Vivekanand Education Society's

College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

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#### CERTIFICATE

University of Mumbai

VES College of Pharmacy, Chembur

Hashu Advani Memorial Complex, Collector Colony, Chembur, Mumbai 2015-2016

This is to certify seminar entitled "NANOPARTICLES AND ITS LITERATURE REVIEW" by Mr. RAHUL RAMDAS BANKAR being submitted in the partial fulfilment of the requirement of first semester of m. pharm course is based on his bonafied work done in the academic year 2015-2016 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: MUMBAI

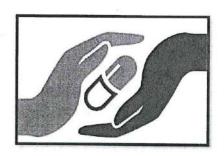
Date:

Mr. Vivek Nalawade

(GUIDE)

Dr. (Mrs.) Subrity S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.



# A SEMINAR REPORT ON NEED FOR REVIVAL OF ANTIBIOTIC PIPELINE

Submitted By:

#### Mr. DARSHAN AMBADAS GAMPALE

M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of

Mrs. ASHWINI WANI

SR 162

#### VES COLLEGE OF PHARMACY, CHEMBUR.

HashuAdvani Memorial Complex, Behind Collectors Colony, Wadhawali Village, Chembur, Mumbai 400074.



Dr. (Mrs.) Sepriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### University of Mumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1 2015-16

#### **CERTIFICATE**

This is to certify that seminar entitled, "NEED FOR REVIVAL OF ANTIBIOTIC PIPELINE" by Mr. DARSHAN AMBADAS GAMPALE, being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course, is based on his bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

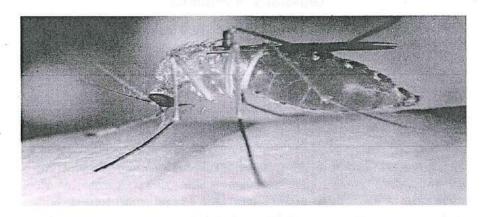
Date:

Dr. (Mrs.) Supriva S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

Mrs. Ashwini Wani

(Guide)

# ADVANCES IN , PHARMACOTHERAPY OF MALARIA



#### Submitted By:

Name: (Ms. Shraddha.S.Gawade)

M.Pharm , First Year

In the academic year of 2015-2016

SR 163

Under the guidance of:

Mrs.Gayatri Aggarwal

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Chembur , Mumbai

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
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5

#### CERTIFICATE

# University of Mumbai VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI

2014-15

This is to certify seminar entitled, "Advances in Pharmacotherapy of Malaria" by Ms. Shraddha.S.Gawade being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2014-2015 at VES College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Chembur

Date: 20.10.15

Mrs. Gayatri Aggarwal

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

)

# Receptor Targets For Anti-Cancer Research

Submitted By:

Mr. Ninaad C. Ghag

M. Pharm, First Year

In the academic year of 2015-16

SR 164

Under the Guidance of

Mrs. Ashwini Wani

### VES COLLEGE OF PHARMACY, CHEMBUR.

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#### University of Mumbai

#### VES COLLEGE OF PHARMACY, CHEMBUR

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1 2015-16

#### **CERTIFICATE**

This is to certify that seminar entitled; "RECEPTOR TARGETING FOR ANTI-CANCER RESEARCH" by Mr. NINAAD C. GHAG, being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course, is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 17/10/15

5. Shidhaye

Vivekanand Education Society's
College of Pharmacy
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Chembur, Mumbai - 400 074.

VES COLLEGE OF PHARMACY

Mrs. Ashwini Wani

(Guide)

2

# HPLC COLUMNS AND ITS APPLICATION IN PHARMACEUTICAL ANALYSIS

Submitted by:

Miss. VIDULA RAVINDRA GHODKE

M.Pharm, First Year

In the academic year of 2015-2016

Under the guidance of

Mr. VIVEK NALAWADE

Department of quality assurance

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074

SR 165

VES COLLEGE OF PHARMACY, CHEMBUR

# HashuAdvani Memorial Complex, Collector Colony, Chembur, Mumbai

#### CERTIFICATE

University of Mumbai

VESCollege of Pharmacy, Chembur

HashuAdvani Memorial Complex, Collector Colony, Chembur, Mumbai

20115-2016

This is to certify seminar entitled "HPLC COLUMNS AND ITS APPLICATIONS IN PHARMACEUTICAL ANALYSIS" by Miss. VIDULA RAVINDRA GHODKE being submitted in the partial fulfilment of the requirement of first semester of m. pharm course is based on his bonafied work done in the academic year 2015-2016 at VESCollege of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place:chembur

Date:

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Mr.VivekNalawade

GUIDE)

### PYROLYSIS GAS CHROMATOGRAPHY

Submitted by: Trushna Shankar Gujar M.Pharm, First Year In the academic year of 2015-2016

> Under the guidance of Mr. Ojas Agrawal

VES COLLEGE OF PHARMACY, CHEMBUR

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SR 166

#### Certificate

University of Mumbai

VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX

CHEMBUR, MUMBA1

2015-2016

This is to certify seminar entitled, "PYROLYSIS GAS CHROMATOGRAPHY" by Miss TRUSHNA GUJAR, being submitted in the partial fullfilment of the requirement of first semester of M. Pharm course is based on his bonafide work done in the academic year 2015-2016 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision

Place: Chembur

Date:

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. (Mr)- OJAS AGRAWAL

(Guide)

VES COLLEGE OF PHARMACY[Type text]

Page 2

# ADVANCES IN CANCER CHEMOTHERAPY

Submitted By:

Ms. Preeti Pradeep Kanade

M. Pharm, First Year (Quality Assurance)

In the academic year of 2015-16

SR 167

Under the Guidance of

#### Mr. Gaurav Doshi

DEPARTMENT OF PHARMACOLOGY

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Collector's Colony, Chembur, Mumbai-400074



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society': College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### CERTIFICATE

University of Mumbai

#### VES COLLEGE OF PHARMACY

HASHU ADVANI MEMORIAL COMPLEX,

CHEMBUR, MUMBAI

2015-16

This is to certify that Ms. Preeti Kanade has submitted this seminar entitled "ADVANCES IN CANCER CHEMOTHERAPY" in the partial fulfillment of the requirement for second semester of M. Pharm course is based on her bonafide work done in the academic year 2015-2016 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Date: 20/10/2015

Mr. GAURAV DOSHI

(Guide)

Dr. (Mrs.) Supriva S. Shidhaye PENCIPAL Vivekanand Education Society's

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.



# NATURAL PRODUCTS DERIVED COMBINATORIAL LIBRARIES AND THEIR SIGNIFICANCE IN DRUGS DISCOVERY PROGRAMME

Submitted by:

Mr. VIRAJ SURESH KAGINKAR

M.Pharm, First Year

In the Academic Year of 2015-2016

Under the guidance of

Mr. KEYUR SHASTRI

(Assistant Professor)

5R/68

VES COLLEGE OF PHARMACY, CHEMBUR

HashuAdvani Memorial Complex, Collector Colony, Chembur, Mumbai.



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

### **CERTIFICATE**

University of Mumbai

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HashuAdvani Memorial Complex, Collector Colony, Chembur, Mumbai.

2015-2016

This is to certify seminar entitled "NATURAL PRODUCTS DERIVED COMBINATORIAL LIBRARIES AND THEIR SIGNIFICANCE IN DRUGS DISCOVERY PROGRAMME" by Mr.KaginkarViraj Suresh being submitted in the partial fulfilment of the requirement of first semester of M. Pharm course is based on his bonafide work done in the Academic Year 2015-2016 at VESCollege of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: |9 | 10 | 2015

Mr.KeyurShastri
(GUIDE)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's

College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.

Chembur Mumbal 469 074 Political Pol

# A SEMINAR REPORT ON A Cardiac Regeneration By Cell Delivery

Submitted By:

#### SAGARIKA SHRIKANT KANE

M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of

Dr. Mrs. Ganga Shrinivasan

52169

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Behind Collector's Colony, Wadhawali Village, Chembur Mumbai-400

LIBRARY CHEMOUR, MUMBAH74

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

## Certificate

University of Mumbai
ves college of pharmacy
shri hashu advani complex
chembur, mumbai

2015-16

This is to certify seminar entitled, "Cardiac Regeneration By Cell Delivery" by Miss. Sagarika S. Kane being submitted in the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 19 10 15.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074. Dr. (Mrs.) Ganga Srinivasan.

(Guide)

Professor and Head of Department

(Pharmaceutics)



# A SEMINAR REPORT ON NANOSUSPENSION AS DRUG DELEVRY SYTEM

**Submitted by:** 

Miss. ANKITA KHISMATRAO

M. Pharm(Quality Assurance) First Year

In the academic year of 2015-16

SR 170.

Under the guidance of

Dr.(Mrs.)Rajashree S. Hirlekar

**Professor (Department of Pharmaceutics)** 

**VES College of Pharmacy** 

HashuAdvani Memorial Complex, Collector colony, Chembur (E)

Mumbai - 400074.



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

#### Certificate

University of Mumbai

VES College of Pharmacy

Sri Hashu Advani Complex, Chembur, Mumbai.

2015-16

This is to certify seminar entitled, NANOSUSPENSION AS DRUG DELIVERY APPROACH by Miss. Ankita Khismatrao being submitted in the partial fulfilment of the requirement of first semester of M. Pharm course is based on her bonafide work done in academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Mumbai

Dr. (Mrs.) Rajashree S. Hirlekar

Date: 19/10/2015

(Guide)

Dr. (Mrs.) Suprive S. Shidhaye
PRINCIPAL
Vivekanand Education Society's
College of Pharmacy
HAMC, Behind Collector Colony,
Chembur, Mumbai - 400 074.



NANOSUSPENSION AS DRUG DELIVERY SYSTEM

Page 2

# A SEMINAR REPORT ON ADVANCES IN PHARMACOTHERAPY OF PSYCHOSIS

Submitted By:

Ms. ASMITA A. KOLAMBKAR

M. Pharm, First Year

In the academic year of 2015-16

Under the Guidance of Mrs. GAYATRI AGGARWAL

### VES COLLEGE OF PHARMACY, CHEMBUR.

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI

SR 171



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#### **CERTIFICATE**

#### University of Mumbai VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI 2014-15

This is to certify seminar entitled, "Advances in Pharmacotherapy of Psychosis" by Ms. Asmita.A.Kolambkar being submitted in the partial fulfillment of the requirement of first semester of M.Pharm course is based on her bonafide work done in the academic year 2014-2015 at VES College of Pharmacy, Chembur, Mumbai under my guidance and supervision.

Place: Chembur

Date: 20-10-15

Mrs. Gayatri Aggarwal

(Guide)

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL
Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony,
Chemistry Mumbal 450,074

Chembur, Mumbai - 400 074.

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3 9

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# A SEMINAR REPORT ON TRANSDERMAL DELIVERY OF PEPTIDES AND PROTEINS

#### Submitted By:

Ms. Soniya Naresh Lulla

M. Pharm (Quality Assurance), First Year

In the academic year of 2015-16

Under the Guidance of

Dr. (Mrs.) Supriya.S.Shidhaye

SR 172

#### VES COLLEGE OF PHARMACY

Hashu Advani Memorial Complex Chembur(E), Mumbai-400074



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## Certificate

University of Mumbai VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX

CHEMBUR, MUMBA1

2014-15

This is to certify seminar entitled, "ORNITHINE DECARBOXYLASE INHIBTORS: A STRATEGY TO COMBAT VARIOUS DISEASES" by Mr.PRIYANSHU RAJESH RAI beingsubmittedin the partial fulfillment of the requirement of first semester of M. Pharm course is based on his bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Dr. RAKESH R. SOMANI

(Guide)

Date:

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy
FO DO HAMC, Behind Collector Colony,

# SELENIUM CHEMISTRY: AN, EMERGING AREA IN DRUG DISCOVERY

#### Submitted By:

#### Ms. YASMEEN MOHAMMED ANWAR RAWOOT

M. Pharm, First Year

In the academic year of 2015-16

SR187

Under the Guidance of

Dr. RAKESH R. SOMANI

#### VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Chembur (E), Mumbai- 400074.



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

3

# Certificate

#### University of Mumbai

VESCOLLEGE OF PHARMACY

SHRI HASHU ADVANI COMPLEX

CHEMBUR, MUMBA1

2015-16

This is to certify seminar entitled, "SELENIUM CHEMISTRY: AN EMERGING AREA IN DRUG DISCOVERY" by Ms. YASMEEN MOHAMMED ANWAR RAWOOT beingsubmitted in the partial fulfilment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Dr. RAKESH R. SOMANI

(Guide)

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

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3)

## IN SILICO STUDIES FOR SYNTHESIS, DRUG DISCOVERY AND DEVELOPMENT

SUBMITED BY:

**GAURI SANJAY SAWANT** 

M.PHARM, FIRST YEAR

IN A ACADEMIC YEAR OF 2015-2016

UNDER THE GUIDANCE OF

SR138

Mrs. DEEPALI GANGRADE

VES COLLEGE OF PHARMACY, CHEMBUR.

SHRI HASHU ADVANI COMPLEX

CHEMBUR(WEST), MUMBAI.

Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

9

IN SILICO STUDIES FOR SYNTHESIS, DRUG DISCOVERY AND DEVELOPMENT

# Certificate

University of Mumbai VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR(WEST), MUMBA1 2015-2016

This is to certify seminar entitled, IN SILICO STUDIES FOR SYNTHESIS, DRUG DISCOVERY AND DEVELOPMENT, By Miss Gauri Sawant, being submitted in the partial fulfilment of the requirement of first semester of M. Pharm course is based on his bonafide work done in the academic year 2015-2016 at VES College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date:

PRÍNCIPAL

Vivekanand Education Society's College of Pharmacy
HAMC, Behind Collector Colony,
2 | Pag Phembur, Mumbai - 400 074.

Mrs. DeepaliGangrade

(Guide)

# AN OVERVIEW OF MIGRAINE ANT ITS TREATMENT,

#### Submitted By:

Ms. Jayshreevanshikumari Santosh Shurma

M.Pharm, First Year Pharmaceutical Chemistry
In the academic year 2015-16

#### Under the guidance of

Mrs.Sonali Munj

# DEPARTMENT OF PHARMACETICAL CHEMISTRY

5R 189

# VES COLLEGE OF PHARMACY, CHEMBUR.

Hashu Advani Memorial Complex, Collectors Colony, Chembur, Mumbai





Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400-074

#### **CERTIFICATE**

University of Mumbai VES COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBAI 2015-16

This is to certify seminar entitled. "AN OVERVIEW OF MIGRAINE AND ITS TREATMENT" by

Ms.JAYSHREEVANSHIKUMARI SANTOSH SHARMA being submitted in the partial fulfillment of the requirement of first

semester of M.Pharm course is based on her bonafide work done in the academic year 2015-16 at VES College of Pharmacy,

Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Date: 20th Oct 2015

Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony,

Chembur, Mumbai - 400 074.

Guide Name

(Mrs.Sonali Munj)

# GENETIC ENGINEERING-MOLECULAR PHARMING

Submitted By:

Ms. Nimisha N. Waghmare
M. Pharm, First Year

5R.190

9

Under the Guidance of Mrs. DeepaliGangrade

In the academic year of 2015-16

#### VES COLLEGE OF PHARMACY, CHEMBUR.

SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1.



Dr. (Mrs.) Supriya S. Shidhaye PRINCIPAL Vivekenand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbai - 400 074.

V.E.S. College of Pharmacy

1

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# Certificate

University of Mumbai V.E.S COLLEGE OF PHARMACY SHRI HASHU ADVANI COMPLEX CHEMBUR, MUMBA1

2015-16

"GENETIC ENGINEERING-This is to certify seminar entitled, Nimisha PHARMING" Ms. MOLECULAR Waghmarebeingsubmittedin the partial fulfillment of the requirement of first semester of M. Pharm course is based on her bonafide work done in the academic year 2015-16 at V.E.S College of Pharmacy, Chembur, Mumbai, under my guidance and supervision.

Place: Chembur

Mrs. DeepaliGangrade

Date:

(Guide)

Dr. (Mrs.) Subriya S. Shidhaye Vivekanand Education Society's College of Pharmacy HAMC, Behind Collector Colony, Chembur, Mumbal - 400 074.

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