

## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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SRK FOUNDATION
Pharmacy council of India. New Delhi & Affiliated to JNTU Kakinada

Enikepadu, VIJAYAWADA - 521 108 Telephone No.: +91 7416560999

Fax No. : +91 866 2844999 e-mail : vijayapharmacyfw@gmail.com

## 1.3.2.1. DVV Specified list of students undergoing experiential learning through project work/field work/internship during last five years

project work/field work/internship during last five years						
S.No	Name of the student studied course	Program Name	Project			
	on experiential learning through		work/Field			
	project work or field work or		work/Internship			
	internship 2019-20					
10	A.Safiya nassema					
20	S.Naga satya vani		PROJECT WORK			
30	U.Sony					
40	V.Kusuma	B. PHARMACY				
50	P.Sharon					
60	T.Tejaswini					
70	P.Santhi	]				
80	T.Taruni					
90	Mannepalli Raja Kumari					
100	V.H.N.S.Gayathri	PHARM.D				
110	Komati Madhuri					
120	Chamakuri Devi Prasanna	M. PHARMACY				
130	Morla Gnana Chandrika					
140	Dhanekula Mounika Chowdary	B. PHARMACY	FIELD WORK (Industrial Training			
150	Yaddanapudi Sushma					
160	Mounika Arigela					
163	Viswanadhapalli Deepika					
	2018-19					
10	P.Ramya Krishna					
20	Araja Sreehasa	B. PHARMACY				
30	M.Rajani					
40	G. Harshitha		PROJECT WORK			
50	M.Sushma					
60	I. Lakshmi Usha Rani P.Sandhya Rani V.Pavani B.Priyanka					
70	P.Sandhya Rani					
80	V.Pavani		MO			
90	B.Priyanka		o lavorosta			

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PHARMACEUTICAL SCIENCES FOR WOMEN
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100	Vemanda Uma	M. PHARMACY	PROJECT WORK
110	Ravuri Sowjanya	W. I III WWW.	
120	Siddineni Joshanavi		FIELD WORK (Industrial Training)
130	Boppudi Bindu Sri		
140	Ganta Jyothika	B. PHARMACY	
150	Savara Bhagya Laxmi		
152	Vema Nandini		
	2017-18		
10	B.Bhavya Rekha		PROJECT WORK
20	S.V.S.D.Manasa		
30	P.Sowmya	B. PHARMACY	
40	L.Sai ramya	D. I HARWAC I	
50	J. Bindhu Madhuri		
60	Vijaya Sai sri . M		
70	P.Sai Lakshmi		
80	Senagasetty Durga Mounika	M. PHARMACY	
90	Matta Ruci Mounica		
100	Katamneni Mounika		FIELD WORK (Industrial Training
110	Anumolu Mounika		
120	Upadhyayula Naga Sai Lakshmi Narasa	B. PHARMACY	
130	Gorantla Sai Poornima		
132	Nandam Renuka Prabhandana		
	2016-17	1	,
10	A. Mounika		PROJECT WORI
20	T.Sailaja		
30	S.Mounika		
40	V.Vani Aparna	B. PHARMACY	
50	N.Sri Kavya	D. THE HOVE TO	
60	Md.Shameemunnisa		
70	M.Srujana		
80	P.Krishna Priya		
90	Kota Mounika	M. PHARMACY	
100	Nuvvula Meghana		FIELD WORK (Industrial Training
110	Devarakonda Dharani Srividya	B. PHARMACY	

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	2015-16					
10	P.Navya sri	B. PHARMACY	PROJECT WORK			
20	M.Anusha					
30	N.Lakshmi Priya					
40	T.Harika					
50	A.Amukta Malyada					
60	A. Pallavi Deepthi					
70	M.Lavanya					
80	Rajulapati Jyothi	M. PHARMACY				
90	Damarla Bala Durga Gayathri	B. PHARMACY	FIELD WORK (Industrial Training)			
100	Mendem Sai Lakshmi					
109	Dunga Lakshmi Bhavani					



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# FORMULATION AND EVALUATION OF CIPROFLOXACIN HYDROCHLORIDE LOADED IN SITU GEL FOR TREATMENT OF PERIODONTITIS

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

#### Submitted by

Ms. B. Bindu Sri (167N1R0017)

Ms. G. Asha (167N1R0025)

Ms. B. Chandana (167N1R0072) B. Chandana

Ms. A. Safiya Naseema (167N1R0073) A. Safiya N

Ms .M. Sneha Latha (167N1R0086)

(2016-2020) Under the Guidance of

Dr. Sivadasu Praveen, M. Pharm, PhD

Asst. Professor, Department of Pharmaceutics



VIJA VITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU, VIJAYAWADA-521108

June- 2020

VIJAYA INSTITUTE

### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Tormulation and Evaluation of Ciprofloxacin Hydrochloride Loaded In Sim get for Treatment of periodontitis" being submitted by to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a boundide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Dr. Sivadasu Praveen, Assistant Professor, Department of Pharmaceutics.



Prof. Dr. K. Padmalatha

Principal

PRINCIPAL
VIJAYA INSTITUTE OF
PHARMACENTICAL SCIENCES FOR WOMEA
ENIKEPADU VIJAYAWADA 521 108



Place: Vijayawada





#### CERTIFICATE

This is to certify that the work embodied in the thesis entitled "Formulation and Evaluation of Ciprofloxacin Hydrochloride Loaded In Situ gel for Treatment of periodontitis" by B. Bindu sri, G. Asha, B. Chandana, A. Safiya Naseema & M. Sneha Latha to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women". Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

S. Planeau

Dr. Sivadasu Praveen, M. Pharm. PhD.

Asst. Professor

Date: 12/09/2020

Place: Vijayawada

ENIKEPADU SE VIJAYAWADA

Dept. of Pharmaceutics

//jaya Institute of Pharmaceutica

Sciences on Women

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VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN

HISTADU VIJAYAWADA 521 108

#### DECLARATION

We, B. Bindu sri, G. Asha, B. Chandana, A. Safiya Naseema & M. Sneha Latha IV year B. Pharmacy students do hereby declare that the work embodied in this thesis entitled "Formulation and Evaluation of Ciprofloxacin Hydrochloride Loaded In Situ gel for Treatment of periodontitis" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Dr. Sivadasu Praveen, Asst. Professor, Department of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

B. Bindu Sri

(167N1R0016): B. Bindu Sri

G.Asha

(167N1R0025): G. Asha

B. Chandana

(167N1R0072): B. Chandona).

A. Safiya Naseema

(167N1R0073): A. Cafiya Nasecma.

M. Sneha Latha

(167N1R0086): M. Sneha Latha.

Date: 12/9/20

Place: Vijayawada



VIJAYA INSTITUTE
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# COMPARATIVE IN-LILO BIOFQUIVALENCE AND PHARMACOKINETIC ASSESSMENT OF COMMERCIALLY AVAILABLE PARACETAMOL TABLETS ADMINISTERED IN RATS PROJECT SUBMITTED TO



Jawaharlal NehruTechnological University, Kakinada
In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

#### Submitted by

Hema Latha.k, Charunya Vishwanath, Sharmila.Sk, Bhargavi.G,
Naga Satya Vani.S
(2016-2020)

#### Under the Guidance of

Mr. S.VENKATESWARARAO, M.Pharm, (Ph.D)
Assoc. Professor



DEPARTMENT OF PHARMACEUTICS

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada

April 2020

PRINCIPAL

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PHARMACEUTICAL SCIENCES FOR WORKS:

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Entkep and VIJAY AWADA - 521 108
Telephone No. 471 866 6460999
Fax No. 471 866 2344999

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Comparative In-vivo Bioequivalence and Pharmacokinetic Inversion of Commercially Available Paracetamot Tablets Indiminstered In Rats" being submitted by Ms. Hema Latha.k, Ms. Charunya Vishwanath. Ms.Sharmila.Sk, Ms. Bhargavi.G and Ms. Naga Satya Vani. S. Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacyis a bonafide research work carried out by them in "Tijaya Institute of Pharmaceutical Sciences for Women", Enikepadu. Tijayawada under the supervision of Mr. S. VenkateswaraRao. Assoc. Professor, Dept. of Pharmaceutics. The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date:

Place: Vijavawada

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Prof. Dr. K.Padmalatha
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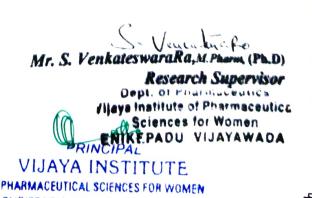
#### CERTIFICATE

This is to certify that the dissertation entitled "Company to the

Ms. Hema Latha.K, Ms. Sharmila.Sk, Ms. Charunya Vishwanath, Ms. G. Bhargavi and Ms. Naga Satya Vani,S to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women," Enikepadu, Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.





#### DECLARATION

Charunya Sharmila.SK, Ms. We. Ms. Latha K. MsVishwanath, Ms. Bhragavi.G and Ms. Naga Satya Vani.S IV year B. Pharm students do hereby declare that the work embodied in this Bioequivalence In-vivo "Comparative entitled Pharmacokinetic Assessment of Commercially Available Paracetamol Tablets Administered In Rats"being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, of Mr. S. Venkateswara Rao, Assoc. supervision under Professor, Department of Pharmaceutics. We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

Ms.K.Hema Latha (167N1R0062): K. Hema latha

Ms. SK. Sharmila (167N1R0065): SK. Sharmila

Ms. S. Naga Satya Vani (167N1R0095): S. Naga Satya Vari

Ms. Charunya. V (167N1R0098): Charunya. V

Ms. G. Bhargavi (167N1R00A0): G. Bhargavi.

Date: 10/09/2010

Place: Vijayawada





# VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATION OF GEMCITABINE IN BULK AND DOSAGE FORM



#### PROJECT SUBMITTED TO

Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by
SK. SALMA, N. NAGA LAKSHMI, CH. JANAKI, U.SONY,
M. SHIREEN, K. VS.S.V. SAHITHI
(2016–2020)

Under the Guidance of

Mrs. D. VIJAYA DURGA., M.Pharm(Ph.D),

Assoc. Professor

DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN Enikepadu, Vijayawada

**April 2020** 



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Pharmacy Council of Bolia, New Delhi & Affiliated to JNTU Kakinada e-mail: vijayaphamasyis@gmail.

Enikop ada, VIJATAWADA – 521 108 Tolophane No. 491 866 6469999 Fax No. 491 866 1844999 a.m.oli. no. secular maryfa@gmail.com

#### **CERTIFICATE**

"VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATION OF GEMCITABINE IN BULK AND DOSAGE FORM" being submitted by SK.SALMA, N. NAGA LAKSHMI, CH. LANAKI, U.SONY, M.SHIREEN, K.V.S.S.V.SAHITHI to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy in Pharmaceutical Analysis under the guidance by D.VIJAYA DURGA., M.Pharm, (Ph.D) Department of Pharmaceutical Analysis.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 31-08-2020

Place: Vijayawada

Principal

sof. Dr. K. Padmalatha

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PHARMACEUTICAL SCIENCES FOR WUME
ENIKEPADU. VIJAYAWADA 521 10

#### **CERTIFICATE**

This is to certify that the dissertation entitled "VALIDATED LV SPECIROPHOTOMETRIC METHOD FOR ESTIMATION OF GENETIABLE IN BULK AND DOSAGE FORM" is being submitted by SK.SALMA, N.NAGA LAKSHMI, CH. JANAKI, U.SONY. M.SHIREEN, K.V.S.S.V.SAHITHI in partial fulfillment for the award of Bachelor of Pharmacy in the department of Pharmaceutical Analysis to Jawaharlal Nehru Technological University, Kakinada, The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Mrs. D. Vijaya Durga, M. Phurm(Ph.D),

Assoc. Professor

Research Supervisor

Date: 31-08-2020

Place: Vijayawada

Mept. of Pharma Analysis
Vijaya institute of Pharamaceutics
Sciences for Women
ENIKEPANU VIJAYAWADA



VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENKEPADU VIJAYAWADA 52° 108

#### DECLARATION

M.S. SK.SALMA, N.NAGA LAKSHMI, CH.JANAKI, U.SONY, M.SHIREEN, K.V.S.S.V.SAHITHI students of IV year B. Pharmacy of "Vijaya Institute of Pharmaceutical Sciences for Women". Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATION OF GEMCITABINE IN BULK AND DOSAGE FORM" a bonafide work carried out by me under the guidance of Mrs.D.Vijaya Durga, M.Pharm(Ph.D). Assoc. Professor, Dept. of Pharmaceutical Analysis

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Sk .Salma (167N1R0001) sk salma

N. Naga Lakshmi (167N1R0010) N Nagadakshmi

Ch. Janaki (167N1R0028) ch. Janaki

U. Sony (167N1R0033) U.Smy

M.Shireen (167N1R0035) M.Shireen

K.V.S.S.V. Sahithi (167N1R0093) K.V.S.S.V. Sahithi

Date: 31-08-2020

Place: Vijayawada.





#### ANTIULCER ACTIVITY OF ALLAMANDA CATHARTICA AQUEOUS LEAF EXTRACT USING EXPERIMENTAL ANIMALS

A Project Submitted To



#### Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirements for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by
T. Pooja Neelima, K. Sireesha, Sk. Sofiya Begum, V. Kusuma,
M. Sushma Reddy
(2016 – 2020)

Under the Guidance of
Mrs. D. Santhi Krupa, M. Pharm.,
Assistant Professor
DEPARTMENT OF PHARMACOLOGY



## DEPARTMENT OF PHARMACOLOGY VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada June, 2020





PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 521 108



#### VIJAYA INSTITUTE OF PHARMACEUTICAL Endopolis VIJAYAWADA - 521 MB SCIENCES FOR WOMEN

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Endequalis, VIJAY AWADA — 521 108 Telephone No. +91 866 6460999 Fax No. +91 866 2844999 c-mail: the symbol property Second and

#### CERTIFICATE

This is to certify that the research work described in this dissertation entitled "ANTIULCER ACTIVITY OF ALLAMANDA CATHARTICA AQUEOUS LEAF EXTRACT USING EXPERIMENTAL ANIMALS" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the award of the degree of BACHELOR OF PHARMACY is the bonafide research work carried out by T. Pooja Neelima, K. Sireesha, Sk. Sofiya Begum, V. Kusuma, M. Sushma Reddy in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. D. Santhi Krupa, Asst. Prof., Dept., of Pharmacology.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Prof. (Dr). K. Padmalatha

Date: 13/06/2020

Place: Entkepadu, Vijayawada.



PRINCIPAL

VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES FOR WOMEN
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Mrs. D. Santhi Krupa, M. Pharm.,
Assistant Professor
Department of Pharmacology,
Vijirya Institute of Pharmacoutical Sciences For Women,
Enikepadu, Vijayawada-521108

#### CERTIFICATE

This is to certify that the research work described in this dissertation entitled "ANTIULCER ACTIVITY OF ALLAMANDA CATHARTICA AQUEOUS LEAF EXTRACT USING EXPERIMENTAL ANIMALS" being submitted to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the award of the degree of BACHELOR OF PHARMACY is the bondfide research work carried out by by T. Pooja Neelima, K. Sireesha, Sk. Sofiya Begum, V. Kusuma, M. Sushma Reddy in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada.

I further declare that the results presented in this dissertation have not been submitted elsewhere for the award of any other degree or diploma.

D. Santhi Krupa Research Supervisor

Date: 13/06/2020

Place: Enikepadu, Vijavawada

ENIKEPADU

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOREN
ENIKEPADU VIJAYAWADA 521 TR

#### DECLARATION

We T. Pooja Neelima, K. Sireesha, Sk. Sofiya Begum, V. Kusuma,

M. Sushma Reddy students of IV year, B. Pharmacy do hereby declare that the work embodied in this dissertation entitled "ANTIULCER ACTIVITY OF ALLAMAND CATHARIJCA AQUEOUS LEAF ENTRACT USING ENPERIMENTAL ANIMALS" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the award of the degree of BACHELOR OF PHARMACY is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. D. Santhi Krupa Asst., Prof., Dept., of Pharmacology.

We further declare that the results presented in this dissertation have not been submitted elsewhere for the award of any other degree or diploma.

167N1R0029 T. Pooja Neelima T. Pooja Neelima

167N1R0059 K. Sireesha K. Sireesha.

167N1R0069 Sk. Sofiya Begum Sk. Sofiya Begum

167N1R0070 V. Kusuma V. Kusuma.

167 N1R0075 M. Sushma Reddy H. Sughia

Date: 13/06/2020

Place: Vijayawada



VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WO
ENIKEPADU VIJAYAWADA 521

## VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATIONOF PRASUGRELIN TABLET DOSAGEFORM

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

BACHELOR OF PHARMACY

#### Submitted by

Ms. P. Sharon, Ms. G.Srilakshmi, Ms. A.Lavanya, Ms. P.Pavani, Ms. B.Yoga Priyanka, Ms.CH.Divya (2016 – 2020)

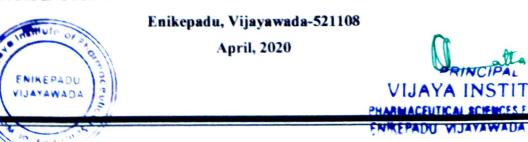
Under the Guidance

Mrs. ANUPAMA SWATHI. CH M.Pharm.

Asst. Professor



Department of Pharmaceutical Analysis and Quality Assurance
VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN



#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATION OF PRASUGREL IN TABLET DOSAGE FORM" being submitted by, Ms. Sharon Panthagani, Ms. Guvvala Sri Lakshmi, Ms. Akurathi Lavanya, Ms. Palavai Pavani, Ms. Bolla Yoga Priyanka and Ms. Chanampudi Divya to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy in the Department of Pharmaceutical Analysis and Quality Assurance, under the guidance of Mrs. Anupama Swathi Challapalli Asst. Prof, is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 10/9/2020

Place: Vijayawada

Prof. Dr. K. Padmalatha

**Principal** 

PRINCIPAL
VIJAYAIMSTITUTE OF
PHARMACEUTICAL SCIENCES FOR WOMEN
BUIKEPADU VIJAYAWADA-520 108





#### CERTIFICATE

This is to certify that the dissertation entitled VALIDATED II SPECIROPHOTOMETRIC METHOD FOR ESTIMATION OF PRASIGREL IN TABLET DOSAGE FORM" is being submitted by Ms. Sharon Panthagani, Ms. Guvvala Sri Lakshmi, Ms. Akurathi Lavanya, Ms. Palavai Pavani, Ms. Bolla Yoga Priyanka and Ms. Chanampudi Divya in partial fulfillment for the award of Bachelor of Pharmacy in the department of Pharmaceutical Analysis and Quality Assurance to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Mrs. Anupama Swathi Challapalli, M. Pharm.

aceutical.

Asst. Professor Research Supervisor

Date: 10 9 2020

Place: Vijayawada

CH. A Swalli'
Deptol Pharma Analysis
Vilays Institute of Pharamacoutics
Sciences for Women
ENIKEPANU VUAYAWADA



#### DECLARATION

We, Ms. Sharon Panthagani, Ms. Guvvala Sri Lakshmi, Ms. Akurathi Lavanya, Ms. Palavai Pavani, Ms. Bolla Yoga Priyanka and Ms. Chanampudi Divya students of B. Pharm IV year (2016-2020) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the dissertation entitled "VALIDATED UV **SPECTROPHOTOMETRIC METHOD** FOR **ESTIMATION** OFPRASUGREL INTABLETDOSAGE FORM" is a bonafide work carried out under the guidance of Mrs. Anupama Swathi Challapalli, M. Pharm. Asst. Prof, Department of Pharmaceutical Analysis and Quality Assurance that the same is not copied from any thesis / project report.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ms. Akurathi Lavanya [167N1R0030] Lovey

Ms. Sharon Panthagani [167N1R0031] Sharon

Ms. Guvvala Sri Lakshmi [167N1R0037] Soilakshii

Ms. Palavai Pavani [167N1R0043] Quoni

Ms. Bolla Yoga Priyanka [167N1R0050] Fayorke

Ms. Chanampudi Divya [167N1R0064] Divya

Date: 1/10/2020

Place: Vijayawada



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PHARMAGEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 108

# FORMULATION AND EVALUATION OF GASTRO RETENTIVE FLOATING TABLETS OF PANTOPRAZOLE SODIUM PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

### In PHARMACEUTICS

#### Submitted by

Ms. B. Yamini, Ms. Karishma Rao, Ms. Naga Sri Lakshmi, Ms. K. Viswaja, Ms. T. Tejaswini, Ms. P. Geethika (2016 – 2020)

#### Under the Guidance of

Mrs. B. Hemalatha, M. Pharm.
Assistant Professor
Department of Pharmaceutics



Vijaya Institute of Pharmaceutical Sciences for Women Enikepadu, Vijayawada- 521108

April, 2020





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This is to certify that the research work described in the thesis
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FLOATING TABLETS OF PANTOPRAZOLE SODIUM" being submitted by Ms.
B. Yamini, Ms. Karishma Rao, Ms. J. Naga Sri Lakshmi, Ms. K. Viswaja,
Ms. T. Tejaswini, Ms. P. Geethika to Jawaharlal Nehru Technological
University, Kakinada, in partial fulfillment of the requirements for the award
of the degree of 'Bachelor of Pharmacy' is a bonafide research work
carried out by them in Vijaya Institute of Pharmaceutical Sciences For
Women, Enikepadu, Vijayawada under the supervision of Mrs. B.
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The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Prof. or. K. Padmalatha

Date:

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ENIKEPADU VIJAYAWADA 521 (30)

#### CERTIFICATE

This is to certify that the dissertation entitled "FORMILLATION OF GASIRO RETENTIVE FLOATING TABLETS OF PANIOPRAZOLE SODIUM" is being submitted by Ms. B. Yamini, Ms. Karishma Rao, Ms. J. Naga Sri Lakshmi, Ms. K. Viswaja, Ms. T. Tejaswini, Ms. P. Geethika in partial fulfillment for the award of 'Bachelor of Pharmacy' in the department of Pharmaceutics to Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical Sciences For Women, Vijayawada. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Bachelor of Pharmacy' in accordance with the regulations of the University.

B Hericletty

Mrs. B. Hemalatha, M. Pharm,

Assistant Professor,

Research Supervisor

Date: 2/8/2020

Place: Enikepadu, Vijayara

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#### DECLARATION

We, Ms. B. Yamini, Ms. Karishma Rao, Ms. J. Naga Sri Lakshmi, Ms. K. Viswaja, Ms. T. Tejaswini, Ms. P. Geethika students of B. Pharm IV year of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare the work embodied in this thesis entitled "FORMULATION AND EVALUATION OF GASTRO RETENTIVE FLOATING TABLETS OF PANTOPRAZOLE SODIUM" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of pharmacy is a bonafide work carried out by us under the guidance of Mrs. B. Hemalatha, M. Pharm, Asst. Prof, Dept of Pharmaceutics.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ms. B. Yamini B. yamini

Ms. Karishma Rao Kanishma rao

Ms. J. Naga Sri Lakshmi: J. Noga Srilakshmi

Ms. K. Viswaja K. wwaja

Ms. T. Tejaswini Tejaswini

Ms. P. Geethika P. Geethika.

Date:

Place: Enikepadu, Vijayawada



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# EVALUATION OF PHYTOCHEMICAL AND IN VITRO ANTI-INFLAMMATORY ACTIVITY STUDIES OF LEAF AND FRUIT EXTRACTS OF CASUARINA EQUISETIFOLIA



#### PROJECT SUBMITTED TO

Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

BACHELOR OF PHARMACY

Submitted by

CH. RATNA HARIKA,K. LATHA SRI, S. TEJASWI KOMAL SAI, P. SANTHI.

(2016-2020)

Under the Guidance of Mrs. M. VANI, M. Pharm, Assoc. Professor



DEPARTMENT OF PHARMACOGNOSY

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada

March 2020







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#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Evaluation of phytochemical and invitro anti-inflammatory activity studies of leaf and fruit extracts of Casuarina equisetifolia" is being submitted by Ms. Ch. Ratna Harika, MS. K. Latha Sri, Ms. S. Tejaswi Komal Sai and Ms. P. Santhi to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women" Enikepadu, Vijayawada under the supervision of Mrs. M. Vani, Assoc. Professor, Dept. of Pharmacognosy.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Prof. Dr. K. Padmalatha

Date: 14/7/2020

Place: Vijayawada



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VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WON ENIKEPADU VIJAYAWADA 521 IL Mrs. M. Vani, M. Pharm,
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#### CERTIFICATE

This is to certify that the disseration entitled "Evaluation of phytochemical and invitro anti-inflammatory activity studies of leaf and fruit extracts of Casuarina equisetifolia" is being submitted by Ms. Ch. Ratna Harika, Ms. K. Latha Sri, Ms. S. Tejaswi Komal Sai& Ms. P.Santhi, to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women" Enikepadu, Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.

Mrs. M. Vani, M.Pharm,

Date: 3 8 2000

Place: Vijayawada

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VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 52' 108

#### DECLARATION

We, Ms. Ch. Ratna Harika, Ms. K. Latha Sti. Ms. S. Tejaswi Komal Sai & Ms. P. Santhi IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled. Evaluation of Phytochemical andinvitro anti-inflammatory activity of leaf and fruit extracts of casuarina equisetifolia. being submitted to Jawaharlal Nehru Technological University. Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. M. Vani, M.Pharm.. Assoc. Professor. Department of Pharmacognosy.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

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K. LATHA SRI (167N1R0027): Lathe SH

S. TEJASWI KOMAL SAI (167N1R0063): Tejamikusi (el)

P. SANTHI (167N1R0079): 7 South

Date:

Place: Vijayawada



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# FORMULATION AND EVALUATION OF ROSUVASTATIN CALCIUM IN-SITU GELS FOR THE TREATMENT OF PERIODONTITIS

#### PROJECT SUBMITTED TO



# Jawaharlal Nehru Technological University, Kakinada. In partial fulfillment for the award of degree of BACHELOR OF PHARMACY

#### Submitted by

Ega Sravani Reg. No. 167N1R0002

Karra Keerthi Reg. No. 167N1R0018

Tagaram Taruni Reg. No. 167N1R0048

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#### Under the esteemed guidance of

Sravani Boyapati, M. Pharm, (Ph.D)

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Vijava Institute of Pharmaceutical Sciences for Women

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APRIL - 2020

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Telephone No +91 866 6460999 Fax No +91 866 2844999 e-mail रहे रूप्यान अला अल्डिक विकास स्थाप

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "FORMULATION AND EVALUATION OF ROSUVASTATIN CALCIUM IN-SITU GELS FOR THE TREATMENT OF PERIODONTITIS" being submitted by, E Sravani, K Keerthi, T Taruni, P Priyanka and B Sandhya Rani to the Jawaharlal Nehru Technological University Kakinada, in partial fulfillment of the requirements for degree of 'Bachelor of Pharmacy' in the department of of the award the Pharmaceutics, under the guidance Sravani Boyapati, Assoc. Prof, is the bonafide work carried out by them at Vijaya Insitute of Pharmaceutical Sceinces For Women. The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Place: Enikepadu, Vijayawa

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This is to certify that the dissertation entitled "FORMULATION AND EVALUATION OF ROSUVASTATIN CALCIUM IN-SITU GELS FOR THE TREATMENT OF PERIODONTITIS" is being submitted by E Sravani, K Keerthi, T Taruni, P Priyanka and B Sandhya Rani in partial fulfillment for the award of Bachelor of Pharmacy' in the department of Pharmaceutics to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Bachelor of Pharmacy' in accordance with the regulations of the University.

Sravani Boyapati, M.Pharm, (Ph.D)

Assoc Professor

Research Supervisor

Date:

Place: Enikepadu

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We express our feelings of gratitude to our beloved parents for their incessant love, encouragement that they have bestowed upon us and for their unremitting and invariable support throughout the course of the investigation and we remain exceedingly grateful to them forever.

Last but not least we extend our heart full thanks to well-wishers, classmates who helped us a lot for their support and to complete the p successfully.

Thanking god for all his blessings and support that encouraged us throughout the completion of this work successfully.

Thanking you,

Ega Sravani

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# "A PROSPECTIVE STUDY ON QUALITY OF LIFE OF STROKE PATIENTS IN NEUROLOGY DEPARTMENT OF TERITIARY CARE HOSPITAL"

Dissertation work submitted to



Jawaharlal Nehru Technological University, Kakinada. In partial fulfillment of the award of the degree of

#### **DOCTOR OF PHARMACY**

Submitted by

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## CERTIFICATE BY INSTITUTIONAL GUIDE

This is to certify that the dissertation entitled "A PROSPLCTILE STUDY ON QUALITY OF LIFE OF STROKE PATIENTS IN NEUROLOGY DEPARTMENT OF TERTIAR) CARE HOSPITAL" is a bona fide research work done by Stirama Sahitya (157N110018), Tellakula Indraja Saimani (157N10020), Mannepalli Raja Kumari (157N110025), Paladugu Vishnu Priya (157N110027), in partial fulfilment for the award of the degree of Doctor of Pharmacy in the department of Pharmacy Practice to the Jawaharlal Nehru Technological University, Kakinada, which was done at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada & Government General Hospital, Vijayawada, under my guidance. The result incorporated in this work has not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilment of partial requirement for the award of degree of **Doctor of Pharmacy** in accordance with the regulations of the university.

Sveeny T

Date: 09/10/2020 .

Mr. Sreenu Thalla, M. Pharm., (PhD)

Assoc. Professor

Place: Vijayawada

Dept. of Pharmacy Practice

Department of Miarmacy Practice
ya Institute of Pharmaceutical Sciences for Women
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### CERTIFICATE BY HOSPITAL GUIDE

This is to certify that the dissertation entitled "A PROSPECTIVE STUDY ON QUALITY OF LIFE OF STROKE PATIENTS IN NEUROLOGY DEPARTMENT OF TERTLARY CARE HOSPITAL" is a bona fide research work done by Stirama Sahitya (157N1T0018). Tellakula Indraja Saimani (157N10020), Mannepalli Raja Kumari (157N1T0025), Paladugu Vishnu Priya (157N1T0027), in partial fulfillment for the award of the degree of Doctor of Pharmacy which was carried out in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada & Government General Hospital, Vijayawada under my guidance.

Date: 12/10/2020

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Dr. A. Srinivasulu MD, DM (Neurology)

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# **DECLARATION BY THE STUDENTS**

We hereby declare that this dissertation entitled "A PROSPECTIVE STUDY ON QUALITY OF LIFE OF STROKE PATIENTS IN NEUROLOGY DEPARTMENT OF TERTIAR) CARE HOSPITAL" is a bona fide and genuine research work carried out by us under the guidance of Dr. A. Srinivasulu, MD, DM (Neurology), Assoc. Professor, Dept. of Neurology, Government General Hospital, Vijayawada, Mr. Sreenu Thalla, M.Pharm., (PhD), Assoc. Professor, Department of Pharmacy Practice, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada.

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#### Signature of the Candidates

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Ms. Paladugu Vishnu Priya (15/181/10027)

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32, 108

### "A PROSPECTIVE OBSERVATIONAL STUDY ON PATIENTS WITH DIABETES, HYPERTENSION AND CARDIOVASCULAR RISK IN VARIOUS LEVELS OF RENAL FUNCTIONS"

Dissertation work submitted to



Jawaharlal Nehru Technological University, Kakinada. In partial fulfillment of the award of the degree of

### **DOCTOR OF PHARMACY**

Submitted by

B. AKHILA SRI 157N1T0002 K. HEMA 157N1T0008

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## CERTIFICATE BY HOSPITAL GUIDE

This is to certify that the dissertation entitled "A PROSPECTIVE OBSERTATION ALL STEDY ON PATIENTS WITH DIABETES, HYPERTENSION AND CARDIOLASCILLAR RISK WITH ARIOUS LEVELS OF RENAL FUNCTIONS" is a bona fide research work done by Bandi Akhila Sri (157N1T0002). Karneni Hema (157N1T0008), Malina Naga Venkata Phani Mounika (157N1T0019), H.N.S. Gayatri Vankayala (157N1T0028) in partial fulfillment for the award of the degree of Doctor of Pharmacy which was carried out in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada & Government General Hospital, Vijayawada under my guidance.

Dr. G. Chakradhara Rao, MBBS,

MD, (General medicine)

HOD & Professor,

Department of General Medicine

GGH, Vijayawada.

Date: 0 6 20

Place:

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# CERTIFICATE BY INSTITUTIONAL GUIDE

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In my opinion, this work has reached the standard in fulfillment of partial requirement for the award of degree of Doctor of Pharmacy in accordance with the regulations of the university.

Sveenu T

Mr. SreenuThalla, M. Pharm., (PhD)

Associate Professor

Dept. of Pharmacy Practice

Date:

Place:



Department of Miarmacy Raques YA INSTITUTE

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SHATANACPADU VIJAYAWAD 52

# Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada, Andhra Pradesh

## DECLARATION BY THE STUDENTS

We hereby declare that this dissertation entitled "A PROSPECTIVE OBSERVATIONAL STUDY ON PATIENTS WITH DIABETES, HYPERTENSION AND CARDIOVASCULAR RISK WITH VARIOUS LEVELS OF RENAL FUNCTIONS" is a bona fide and genuine research work carried out by us under the guidance of Dr. G. Chakradhar, MBBS, MD (General Medicine), HOD & Professor, Department of General Medicine, Dr. Padmalatha Kantamneni, Ph.D. Principal, Dept. of Pharmacology, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada

Date: 7/10/2020

Place: Vijayawada

Signature of the Candidates

Ms. Bandi Akhila Sri (157N1T0002) B. Aklila Ssu

Ms. Karneni Hema (157N1T0008) K. Hemo

Ms. M. N. V. Phani Mounika (157N1T0019) H. Phani Hounika

Ms. V. H. N. S. Gayatri (157N1T0028) VHNS General Macautical Co.

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# **\*INCIDENCE OF POLYPHARMACY AND DRUG RELATED PROBLEMS AMONG ELDERLY IN TERTIARY CARE HOSPITAL - A DESCRIPTIVE**STUDY"

Dissertation work submitted to



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the award of the degree of

#### **DOCTOR OF PHARMACY**

Submitted by

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Under the guidance of

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Dr. M. Tabitha Sharon, Pharm. D

Asst. Professor Dept. of Pharmacy Practice VIPW, Vijayawada.



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### CERTIFICATE BY HOSPITAL GUIDE

This is to certify that the dissertation entitled INCIDENCE OF POLITIFIED AND AND DRUG RULATED PROBLEMS AMONG ELDERLY IN TERTIFIED AND HOSPITAL - A DESCRIPTIVE STUDY" is a bona fide research work done by Contrast Bhargayi (157N1T0014). Vemparala Lakshmi Chanthra (157N1T0004). Achard Kandukuri Sri Vasayi (157N1T0005). Komati Madhuri (157N1T0005), in partial fulfillment for the award of the degree of Doctor of Pharmacy which was carried out in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu. Vijayawada & Government General Hospital, Vijayawada under my guidance.

Date:

9-10 2020

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Dr. R. Siddeswari, MD. (General Medicine

Professor

Dept. of General Medicine

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Government of Angle of Angles
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# CERTIFICATE BY INSTITUTIONAL GUIDE

This is to certify that the dissertation entitled "INCIDENCE OF POLYPHARMACY AND DRUG RELATED PROBLEMS AMONG ELDERLY IN TERTLARY CARE HOSPITAL - A DESCRIPTIVE STUDY" is a bona fide research work done by Gottapu Bhargayi (157N1T0014). Vemparala Lakshmi Chaithra (157N1T0004). Achari Kandukuri Sri Vasayi (157N1T0005). Komati Madhuri (157N1T0009). in partial fulfillment for the award of the degree of Doctor of Pharmacy in the department of Pharmacy Practice to the Jawaharlal Nehru Technological University, Kakinada, which was done at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada & Government General Hospital, Vijayawada, under my guidance. The result incorporated in this work has not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfillment of partial requirement for the award of degree of Doctor of Pharmacy in accordance with the regulations of the university.

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Date: 9 10 2010

Place: Vijayawada/

Dr. M. Tabitha Sharon, Pharm. D

Asst. Professor

Dept. of Pharmacy Practice YAYA INSTITUTE

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(Approved by AICTE & PCI, New Delhi; Recog. by Govt. of AP & Affiliated to JNTU, Kakinada) ENIKEPADU, VIJAYAWADA - 521108, ANDHRA PRADESH

### **DECLARATION BY THE STUDENTS**

We hereby declare that this dissertation entitled "INCIDENCE OF POLYPHARMACY AND DRUG RELATED PROBLEMS AMONG ELDERLY IN IERITAR) CARE HOSPITAL – A DESCRIPTIVE STUDY" is a bona fide and genuine research work carried out by us under the guidance of Dr. R. Siddeswari, MD (General Medicine), Professor, Dept. of General Medicine, Government General Hospital, Vijayawada, Dr. M. Tabitha Sharon, Pharm. D. Asst. Professor, Dept. of Pharmacy Practice, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada.

Date:

Place: Vijayawada

### Signature of the Candidates

Ms. Vemparala Lakshmi Chaithra (157N1T0004) V.L. Phaithra

Ms. Achari Kandukuri Sri Vasavi (157N1T0005) A. Ju vasavi

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\* Namo

Ms. Komati Madhuri (157N1T0009) K. Molluri

Ms. Gottapu Bhargavi (157N1T0014) Gr. Changavi

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ENIKEPADU VIJAYAWADA 52' 108

#### EVALUATION OF STARCH ACETATE: A NEW STARCH BASED POLYMER FOR CONTROLLED RELEASE OF DICLOFENAC SODIUM

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

### MASTER OF PHARMACY

In

#### **PHARMACEUTICS**

Submitted by

Ms. Chamakuri. Devi Prasanna

Reg.No. 187N1S0301

(2018-2020)

Under the guidance of

Mr.S. Venkateswara Rao, M. Pharm, (PhD)

Associate Professor

Department of Pharmaceutics



Vijaya Institute of Pharmaceutical Sciences for Women

Enikepadu, Vijayawada- 521108 /



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Mr. S. Venkateswara Rao., M. Pharm., (PhD)

Associate Professor Department of Pharmaceutics, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada-521108

#### **CERTIFICATE**

This is to certify that the dissertation entitled "EVALUATION OF STARCH ACETATE: A NEW STARCH BASED POLYMER FOR CONTROLLED RELEASE OF DICLOFENAC SODIUM" is being submitted by Ms. Chamakuri. Devi Prasanna In partial fulfillment for the award of Master of Pharmacy in the department of Pharmaceutics to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Master of Pharmacy in accordance with the regulations of the University.



Date: 10/08/2020

Mr. S. Venketeswara Rao, M. Pharm (PhD)

Assoc. Professor

Research Supervisor

Dept. or Pharmaceutics
//jaya Institute of Pharmaceutica
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Place: Enikepadi, Kijayawada

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Mr. S. Venkateswara Rao., M. Pharm., (PhD)

Associate Professor Department of Pharmaceutics, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada-521108

#### **CERTIFICATE**

This is to certify that the dissertation entitled "EVALUATION OF STARCH ACFIATE: A NEW STARCH BASED POLYMER FOR CONTROLLED RELEASE OF DICLOFENAC SODIUM" is being submitted by Ms. Chamakuri. Devi Prasanna In partial fulfillment for the award of Master of Pharmacy in the department of Pharmaceutics to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Master of Pharmacy in accordance with the regulations of the University.

CENTULE OF ANOTHER OF THE PROPERTY OF THE PROP

Date: 10/08/2020

Place: Enikepadu, Vijayawada

Mr. S. VenketeswaraRao, M. Pharm (PhD)

Assoc. Professor

Research Supervisor

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### **DECLARATION**

1. Chamakuri. Devi Prasanna a student of M. Pharm second year bearing Regd. No. 187N1S0301 (2018-2020) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "EVALUATION OF STARCH ACETATE: A NEW STARCH SCIENT POLYMER FOR CONTROLLED RELEASE OF DICLOFENACE WITH A boundaries of Mr. S. Venkateswara Rao, Assoc. Prof, Dept of Pharmaceutics at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada and that the same is not copied from any thesis/project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ch. Devi Prasanna Ms. Chamakuri. Devi Prasanna.

Date:

Place: Enikepadu, Vijayawada.



VIJAYA INSTITUTE
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ENIKEPADU VIJAYAWADA 521 108

# DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR THE ESTIMATION OF TELBIVUDINE IN BULK DRUGS AND PHARMACEUTICAL FORMULATIONS

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

MASTER OF PHARMACY

IN

PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE

Submitted by

M. GNANA CHANDRIKA

Reg. No. 187N1S1602

(2018 - 2020)

Under the Guidance of

Dr. M. VAMSI KRISHNA., M. Pharm., Ph.D.,

**Professor** 

DEPARTMENT OF PHARMACEUTICAL ANALYSIS



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ENIKEPADU 2020

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#### CERTIFICATE

This is to certify that the research work described in the thesis entitled Development and Validation of RP-HPLC Method for the Estimation of Telbivudine in Bulk Drugs and Pharmaceutical Formulations" is being submitted by M. GNANA CHANDRIKA to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis and Quality Assurance under the Academic guidance by Dr. M. VAMSI KRISHNA, M. Pharm., Ph.D., Professor, Department of Pharmaceutical Analysis.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.



of. Dr. K. Padmalatha

Principal
PRINCIPAL
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ENIKEPADU VIJAYAWA U520 188

Date: 10/8/2000

Place: Vijayawada



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Enthepode VIJAY AWADA - 521 108 Telephone No. +91 866 6469999 Fat No. +91 866 2844999

#### CERTIFICATE

This is to certify that the dissertation entitled "Development and Validation of RP-HPLC Method for the Estimation of Telbivudine in Bulk Drugs and Pharmaceutical Formulations" is being submitted by M. GNANA CHANDRIKA in partial fulfillment for the award of Master of Pharmacy in the Department of Pharmaceutical Analysis and Quality Assurance to Jawaharlal Nehru Technological University, Kakinada. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Master of Pharmacy in accordance with the regulations of the University.



Dr. M. VAMSI KRISHNA, M. Pharm., Ph.D.,

Professor
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ENTREPARU VIJAYAWADA

Date:

Place: Vijayawada







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### **DECLARATION**

1. M. Gnana Chandrika student of M. Pharmacy bearing Regd. No. 187N1S1602 (2018-2020) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "Development and Validation of RP-HPLC Method for the Estimation of Telbivudine in Bulk Drugs and Pharmaceutical Formulations" a bonafide work carried out by me under the guidance of Dr. M. VAMSI KRISHNA, M. Pharm, Ph.D., Professor, Department of Pharmaceutical Analysis. I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

M. GNANA CHANDRIKA

M Chandlika

Date:

Place: Vijayawad

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# PHARMA DEEP REMEDIES

Manufactured Of: PHARMACEUTICAL FORMULATIONS

Drug Mfg. Lic.No. 22/RR//	AP/2007/F/G	TIN No. :	3605081	6868
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Date	
Date	_

03-06-2020.

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr/Miss. DHANEKULA MOUNIKA CHOWDARY, Son/Daughter of Mr. D.SRINIVASA RAO is a bonafide student of VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN. And he/she has undergone industrial training in our organization from 04-05-2020 to 03-06-2020, as part of partial fulfillment of his/ her B. Pharmacy course bearing Hall Ticket no-177N1R0003.

During the training period he/ she had interacted with Quality control, Quality Assurance & Production departments and acquired basic knowledge in these areas.

During this aforesaid period, we found him/ her hardworking, sincere and learning attitude.

FOR PHARMADEEP REMEDIES

Manager operations









# PHARMA DEEP REMEDIES

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Date:	

03-06-2020.

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr/Miss. YADDANAPUDI SUSHMA, Son/ Daughter of Mr. Y.NAGESWARA RAO is a bonafide student of VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN. And he/she has undergone industrial training in our organization from 04-05-2020 to 03-06-2020, as part of partial fulfillment of his/ her B. Pharmacy course bearing Hall Ticket no-177N1R0014.

During the training period he/ she had interacted with Quality control, Quality Assurance & Production departments and acquired basic knowledge in these areas.

During this aforesaid period, we found him/ her hardworking, sincere and learning attitude.

FOR PHARMADEEP REMEDIES

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Date: 17-08-2020

# TO WHOM SO EVERT IT MAY CONCERN

This is to certify that Miss. Mounika Arigela completed B. Pharmacy bearing Registration No. 177N1R0024 from Vijaya Institute of Pharma Ceutical Sciences For Woman, Enikepadu, Vijayawada. She has under gone training in our Organization from 15th July 2020 to 14th August 2020.

In this period her performance is well.

We wish Miss. Mounika Arigela good luck for future endeavors.

For TRIVEN LATIONS LIMITED

P. SRINIVAS RA

CEO







# **K@@HORGANICS**

3-642/1, Unit-8, A.P.C.R.D.A, UNDAVALLI CENTRE - 522 501, INDIA. Phone : 08645 - 272149 Email : kochorganics2@gmail.com

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Date: 16 08 20

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. **VISWANADHAPALLI DEEPIKA** student of VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu bearing Regno: **177N1 R0027**, has undergone industrial training in our organisation from **15-07-2020** to **14-08-2020** in Tablets & Liquid Orals of manufacturing department. She is also trained in Quality control & Quality Assurance departments. During the period of training her conduct was found to be satisfactory.

We wish her all the best in her future endeavour.

For KOCH ORGANICS

A July 147

Managing Partner



PRINCIPAL
VIJAYA INSTITUTE OF
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU, VIJAYAWADA 521 100

# AYNTHEMIN CHARECTERIZATION AND BIOLOGICAL EVALUATION OF DIFFERENT SCHIFF BASES

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

K. Sravani, S. Roshni, G. Sai Ramya, P. Ramya Krishna

(2015-2019)

Under the guidance of

Ms. D. Prasanna, M.S. (Pharm.),

**Assistant Professor** 



#### DEPARTMENT OF MEDICINAL CHEMISTRY

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada.

**APRIL, 2019** 







### Vijaya Institute of Pharmaceutical Sciences for Women

Approved by Pharmacy Council of India & AICTE, New Delhi
Affiliated to JNT University Rakinada — An ISO 9001 2000 Certified Institute

MOU With Govs General Hospital, Vijeyzwada

College Code EAMCET /ECET VIPV POFCET - VIPWI

#### CERTIFICATE

Characterization and Biological Evaluation of different Schiff bases" being submitted by K. Sravani, S. Roshni, G. Sai Ramya, P. Ramya Krishna to lawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Lipaya Institute of Pharmaceutacul Sciences for Women", Enikepadu, Vijayawada under the supervision of Ms. D. Prasanna, Assistant Professor, Department of Medicinal Chemistry.

The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

Date: 29 3 2019

Place: Vijayawada



Prof. Dr. K. Padmalatha

Principal

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A.P. dreuns, M.N. (Pharm.),

Medicinal Chemistry,

Pharmaceutical Sciences for Women,

Wayawada -521108.

#### **CERTIFICATE**

Biological Evaluation of different Schiff bases" being submitted by K. Maracterization of different Schiff bases" being submitted by K. Marami, S. Roshni, G. Sai Ramya, P. Ramya Krishna to Jawaharlal Nehru hnological University, Kakinada, in partial fulfillment of the requirements for award of the degree of Bachelor of Pharmacy is a bonafide research work further out by them in "Vijaya Institute of Pharmaceutical Sciences-for Women", Vijaya Institute of Pharmaceutical Sciences-for Women Pharmaceutical Sciences Pharmaceutical Sciences Pharmaceutical Sciences Pharmaceutical Sciences Pharmaceutical Sciences Pharmaceutical Sciences Pharmaceutical Pharmaceutical Pharmaceutical Pharmaceuti

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Ms. D. Prasanna, M.S. (Pharm.)

Research Supervisor

Jept. of Ph.Ceutical Chemistry Jijaya Institute of Pharmaceutical Sciences for Women NIK PADU VIJAYAWADA

VIJAYA INSTITUTE
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Place: Vijavanuran NADA. 10

#### **DECLARATION**

Mawani, S. Roshni, G. Sai Ramya, P. Ramya Krishna IV year B. Pharm 🗰 do hereby declare that the work embodied in this thesis entitled Millions. Characterization and Biological Evaluation of different Schiff has been submitted to Jawaharlal Nehru Technological University, Memble in partial fulfillment of the requirements for the award of the degree of the all Farmancy is a bonafide research work carried out by them in 'Vijaya stitute of Pharmac eutical Sciences for Women "Enikepadu, Vijayawada under Impervision of Ms. D. Prasanna, Assistant Professor, Department of Medicinal hemistry.

We further declare that the results presented in this thesis have not been industried elsewhere for the award of any other Degree or Diploma.

k Sravani

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G Sai Ramya (157N1R0016)- G. Jai Ramya

P. Ramya Krishna (157NIR0024) - P. Ramya Krishna

Date: 29/03/2019

Place: Vijayawada



A Spectroscopic Method Development and Validation for Simultaneous Estimation of Doxylamine Succinate & Pyridoxine Hydrochloride in Bulk and Combination Dosage Forms

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

Ms. Swati Sonekar, Ms. Nandyala Navya Sri Vani, Ms. Paidi Mounika, Ms. Araja Sreehasa , Ms. Chamala Vijaya Durga

(2015-2019)

Under the Guidance of
Dr. M. NARENDER., M. Pharm., Ph.D.,
Assoc. Professor



Department of Pharmaceutical Analysis & Quality Assurance
Vijaya Institute of Pharmaceutical Sciences for Women
Enikepadu, Vijayawada

March, 2019

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Telephone No. 191 866 6468999 Fat No. 491 866 1841999

### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "A Spectroscopic Method Development and Validation for Simultaneous Estimation of Doxylamine Succinate & Pyridoxine Hydrochloride in Bulk and Combination Dosage Forms " is being submitted by Ms. Swati Sonekar, Ms. Nandyala Navya Sri Vani, Ms. Paidi Mounika, Ms. Araja Sreehasa, Ms. Chamala Vijaya Durga to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy in the Department of Pharmaceutical Analysis and Quality Assurance, under the academic guidance of Dr. M. NARENDER, Assoc. Professor.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

> Prof. Dr. K. Padmalatha PRINCIPAL

VIJAYA INSTITUTE

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Place: Vijayawada

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countred by Govt of A.P. Approved by AICTE New Delhi Ph.o.m.ic. Council of India New Dellu & Affiliated to JNTU Kakinada — e-mail vijavapharinacyfw@gnail.com

Telephone No +91 866 6460999 Fax No +91 866 2844999

#### CERTIFICATE

This is to certify that the project dissertation entitled Spectroscopic Method Development and Validation for Simpleanzous t summon of Doxelamine Succinate & Pyridoxine Hydrochloride in Bulk and Combination Dosage Forms" is being submitted by Ms. Swati Sonekar, Ms. Nandyala Navya Sri Vani, Ms. Paidi Mounika, Ms. Araja Sreehasa, Ms. Chamala Vijaya Durga in partial fulfillment for the award of Bachelor of Pharmacy in the Department of Pharmaceutical Analysis and Quality Assurance to Jawaharlal Nehru Technological University, Kakinada. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of **Pharmacy** in accordance with the regulations of the University.

M. Nasada

Dr. M. NARENDER, M. Pharm., Ph.D.,

Assoc. Professor

Research Supervisor Dept. of Pharma Analysis Vijaya Institute of Pharamaceutica. Sciences for Women

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PHARMACEUTICAL SCIENCES FOR WOMEN ENKEPADU VIJAYAWADA 521 108



Place: Vijayawada



#### **DECLARATION**

II.e. Ms. Swati Sonekar, Ms. Nandyala Navya Sri Vani, Ms. Paidi Mountka, Ms. Araja Sreehasa, Ms. Chamala Vijaya Durga students of **B.** Pharmacy IV year (2015-2019) of "Vijaya Institute of Pharmaceutical Velences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "A Spectroscopic Method Development and Validation for Simultaneous Estimation of Doxylamine Succinate X Pyridoxine Hydrochloride in Bulk and Combination Dosage Forms" is a bonafide work carried out by us under the guidance of Dr. M. Narender, Assoc. Professor, Department of Pharmaceutical Analysis and Quality Assurance.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ms. Swati Sonekar

[157N1R0007]: Souther

Ms. Nandyala Navya Sri Vani [157N1R0029]: N. Wanya Li Vani

Ms. Paidi Mounika

[157N1R0035]: P. Miounika

Ms. Araja Sreehasa [157N1R0044]: A. Breehasa

Ms. Chamala Vijaya Durga [157N1R0081]: ch Vijaya durga

Date:

Place: Vijayawada





# ANTIDIABETIC ACTIVITY OF CARISA CARANDUS AQUEOUS FRUIT EXTRACT ON ALLOXAN INDUCED DIABETIC RATS

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

V. LAKSHMI PRASANNA, S. LIKHITHA, M. RAJANI, P.SAI POOJITHA, B. GNANANJALI, N.CHAMUNDESWARI, P.SIRISHA

(2015-2019)

Under the guidance of

Mr. A. JAYARAMI REDDY, M. Pharm., (Ph. D).

Assoc. Professor

DEPARTMENT OF PHARMACOLOGY



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada-521108.

**April 2019** 



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#### VHAVA INNTITUTE OF PHARMACEUTICAL STANSON STRANGE STANSON MIRNORS FOR WOMEN

Terephone No. - 91 866 (256)(4) x Finc No.

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled MANTIDIABETIC ACTIVITY OF CARISSA CARANDUS AQUEOUS FRUIT EXTRACT ON ALLOXAN INDUCED DIABETIC RATS" being submitted by, Ms. V. LAKSHMIPRASANNA, Ms. S. LIKHITHA, Ms. RAJANI, Ms. P. SAI POOJITHA, Ms. B. GNANANJALI, Ms. N. CHAMUNDESWARI, Ms. P. SIRISHA to the Jawaharlal Nehru **Technological** University, Kakinada, in partial fulfillment of the requirements we have award of the degree of 'Bachelor of Pharmacy' in the department of Pharmacology, under the guidance of Mr. A. JAYA RAMI REDDY Assoc. I'm In the bonafide work carried out by her at Vijaya Institute of Marmaceutical Sciences For Women.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 30/3 2019

ENIKEPADU

HAYAWADA

Place: Enikepadu, Vijayawada,

Aramacoutica/Science ENIKEPADU VIJAYAWADA amilian evely \*

Prof. Dr. K. Padmalatha PRINCIPAL VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU, VIJAYAWADA 521 108

> VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOME ENKERADU VILLAY

Mr. A JAYARAMI REDDY., M. Pharm, (Ph.D)

Associate Professor
Department of Pharmacology:
Vijava Institute of Pharmaceutical Sciences for Women,
Enikepadu, Vijavawada-521108

#### CERTIFICATE

This is to certify that the dissertation entitled "ANTIDIABLTIC ICTIVITY OF CARISSA CARANDUS AQUEOUS FRUIT EXTRACT ON ILLOVAN INDUCED DIABETIC RATS" is being submitted by Ms. V. LAKSHMIPRASANNA, Ms. S. LIKHITHA, Ms. RAJANI, Ms. P. SAI POOJITHA, Ms. B. GNANANJALI, Ms. N. CHAMUNDESWARI, Ms. P. SIRISHA in partial fulfillment for the award of 'Bachelor of Pharmacy' in the department of Pharmacology to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Bachelor of Pharmacy' in accordance with the regulations of the University.

Mr. A. JAYARAMI REDDY., M. Pharm (Ph.D)

Associate Professor

Research Supervisor
Dept. of Pharmaco'ogy

#Ijaya Institute of Pharmach - so

Sciences for Women

ENIKEPADU VIJAYAWADARHICIPAL VIJAYA INSTITUT

PHARMACEUTICAL SCIENCES FOR WOME
ENKEPADU VIJAYAWADA 52600

Date: 29/3/19

Place: Enikepadu,



#### DICIARATION

I. Ms. V. LAKSHMIPRASANNA, Ms. S. LIKHITHA, Ms. RAJANI, Ms. P. SAI POOJITHA, Ms. B. GNANANJALI, Ms. N. CHAMUNDESWARI, Ms. P. SIRISHA a student of B.Pharm Fourth year bearing Regd. Nos. 157NIR0032, 157NIR0046, 157N1R0066, 157NIR0074, 157N1R0005. Institute "Vijaya 157N1R0078. 157N1R0085 (2018-2019)Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "ANTIDIABETIC ACTIVITY OF CARISSA CARANDUS AQUEOUS FRUIT EXTRACT ON ALLOXAN INDUCED DIABETIC RATS" is a bonafide work carried out by me under the guidance of Mr. A. JAYARAMI REDDY, M.Pharm, (Ph.D) Associate Professor, Dept of Pharmacology at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada and that the same is not copied from any thesis / project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ms. V. LAKSHMIPRASANNA, V. Lakshmi Prayanna.

Ms. S. LIKHITHA, S. Likhitha

Ms. RAJANI, M. Rajani

Ms. P. SAI POOJITHA, P. Sai Pogitha

Ms. B. GNANANJALI, B. Gnananjali

Ms. N. CHAMUNDESWARI, N. Chamundeswaii

Ms. P. SIRISHA P. Sirisha

Date: 29/3/19

Place: Enikepadu, Vijayawada

PRINCIPAL

VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES FOR WOM
EMKEPADU VIJAYAWADA 521 "

# THE EFFECT OF AQUEOUS EXTRACT OF V. NEGUNDO LINN LEAVES AGAINST GENTAMICIN INDUCED NEPHROTOXICITY IN RATS.

### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

## BACHELOR OF PHARMACY

Submitted by

G. Sai Poornima, K. Navya, D. Pavani, V. Sri Lakshmi Sai Gayatri, V. Gowthami, G. Harshitha, P. Swetha Priya.

(2015-2019)

Under the guidance of

Mr. A. JAYA RAMI REDDY,

**Associate Professor** 



# DEPARTMENT OF PHARMACOLOGY

VIJAVA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada.

**APRIL 2019** 

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Pharmacy council of India, New Delhi & Affiliated to JNTU Kakinada

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## CERTIFICATE

This is to certify that the research work described in the thesis entitled THE EFFECT OF AQUEOUS EXTRACT OF V. NEGUNDO LINN LEAVES AGAINST GENTAMICIN INDUCED NEPHROTOXICITY IN RATS being submitted by Ms. G. SAI POORNIMA, K NATYA, Ms. D. PAVANI, Ms. V. SRI LAKSHMI SAI GAYATRI, Ms. GOWTHAMI, Ms. G. HARSHITHA, and Ms. P. SWETHA PRIYA to Jawaharlal Nehru Pechnological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF PHARMACY is a bonafide research work carried out by them in 1971 OF A INSTITUTE OF PHERMACEUTICAL SCIENCES SUR POSTEN Enthepudu, Vijayawada under the supervision of Mr. A. JAYA RAMI REDDY, associate Professor, Department of Pharmacology.

The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.



PROF. D. K. PADMALATHA

Principal

PRINCIPAL VIJAYA INSTITUTE

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> VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU LOAWAYAL

Date: 01/6/2019

Place: Mayawaga

Mr. A. Raya Rami Reddy.
Associate Professor,
Department of Pharmacology,
Vijaya Institute of Pharmaceutical Sciences for Women,
Enikepadu, Vijayawada -521108.

## **CERTIFICATE**

EXTRACT OF V NEGL NDO LINA LEAVES AGAINST GENTAMICIN INDUCED NEPHROTOXICITY IN RATS being submitted by Ms. G. SAI POORNIMA. Ms. K. NAVYA, Ms. D. PAVANI, Ms. V.SRI LAKSHMI SAI GAYATRI, Ms. V.GOWTHAMI, Ms. G. HARSHITHA, and Ms. P. SWETHA PRIYA to Jawaharlal Nehru Technological University. Kakinada, in partial fulfillment of the requirements for the award of the degree of BACIII FOR OF PHARMACIA TO BE ACHIEVED TOR HOMEN." Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of ROTHIOR OF PHIRMICS in accordance with the regulations of the University.

Mr. A. JAYA RAMI REDDY

Research Supervisor

Dept. of Pharmacology
(Ijaya Institute of Pharmacologia
Sciences for Women
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PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 198

Date: 30/3/ 19
Place: Vijayawada



## DECLARATION

We o SAI POORNIMA. K. NAVYA. D. PAVANI, V. SRI LAKSHMI SAI GAYATRI. V. GOWTHAMI, G. HARSHITHA, P. SWETHA PRIYA. IV veor B. Phorm students do hereby declare that the work embodied in this thesis entitled THE EFFECT OF AOI EOUS ENTRACT OF L. NEGUNDO LINN LEAVEN AGAINST GENTAMICIN INDICED NEPHROTOXICITY IN RATS have been submitted to Jawaharlal Nehru Technological University. Kakinada, in partial fulfillment of the requirements for the award of the degree of STOR OF PHIRMAL is a bonafide research work carried out by them in THE INSTITUTE OF PHIRMACEUTICAL SCIENCES FOR MOSTER Enikepadu, Vijayawada under the supervision of, A. JAYA RAMI REDDY, Associate Professor, Department of pharmacology.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

G Sai Poornima (157NIR0040) G. Sai Poenima

K vavya (157N1R0043) K·Navya.

D Pavani (157NIR0049) D. Pavani

V Sri Lakshmi Sai Gayatri (157NIR0064) V·S·l·S· Gayatri

V Gowthami (157N1R0070) V. Gowthami

G Harshitha (157N1R0089) G Harshitha

P. Swetha Priya (157NIR0093) & Swetha Priya.

Date: 02/4/19

Place: Vijayawada



VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 198

# FORMULATION AND EVALUATION OF GASTRO RETENTIVE FLOATING TABLETS OF METFORMIN HYDROCHLORIDE

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

## Submitted by

Ms. Preethi Duru, Ms. K. Aswini,
Ms. M. Sushma, Ms. K. Kiranmai,
& Ms. Z. Sahithi Jeevan Sri
(2015-2019)

Under the Guidance of

Mrs. P. M. M. Naga Lakshmi Varma, M. Pharm.
Asst. Professor
Department of Pharmaceutics



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ENIKEPADU, VIJAYAWADA-521108

April, 2019

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada e-mail vijayapharmacyfw@gmail.com

Enikepadu, VIJAYAWADA - 521 108 Telephone No: +91 866 6460999 Fax No: +91 866 2844999

## **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "Formulation and Evaluation of Gastro Retentive Floating Tablets of Metformin Hydrochloride" being submitted by Preethi Duru, K. Aswini, K. Kiranmai, M. Sushma & Z. Sahithi Jeevan Sri to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mrs. P. M. M. Naga Lakshmi Varma, Assistant Professor, Department of Pharmaceutics.

Prof. Dr. K. Padmalatha

Date: 01/4/2019

Place Vijayawada

ENIKEPADU

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Principal
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INKEPADU, VIJAYAWADA 521 108

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PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 521 108

## CERTIFICATE

This is to certify that the work embodied in the thesis entitled "Formulation and Evaluation of Gastro Retentive Floating Tablets of Metformin Hydrochloride" by Preethi Duru, K. Aswini, K. Kiranmai, M. Sushma & Z. Sahithi Jeevan Sri to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in the same and s

Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.

P.M.M. Loga Lakshmi Varma, M. Pharm,

Date: 1 | 4 | 19

Place: Vijayawada

ENIKEPADU CO SCIE

Asst. Professor
Dept. of Pharmaceutics
Institute of Pharmaceutica
Sciences for Women
PADU, VIJAYAWADA.

AYA INSTITU

PHARMACEUTICAL SCIENCES FO WOMEN ENIKEPADU VIJAYAWADAFE 21 108

## **DECLARATION**

W.c. M. Preethi Duru. K.Aswini, K. Kiranmai, M. Sushma & Z. Sahithi, Joevan Sri IV year B.Pharm students do hereby declare that the work embodied in this thesis entitled "Formulation and Evaluation of Gastro Ketentive Floating Tablets of Metformin Hydrochloride" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. P. M. M. Naga Lakshmi Varma Asst. Professor, Department of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

Preethi Duru (157N1R0023): 1 meethi

K. Aswini (157N1R0052): K 🗗 รพให้.

M. Sushma (157N1R0067): Jushme Marwathi

K. Kiranmai (157N1R0088): & Luanmai

Z. Sahithi Jeevan Sri (157N1R0098): Z. Jahithi Teevan Sri

Date:

Place: Vijayawada



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PHARMACEUTICAL SCIENCES FOR WONE
ENIKEPADU VIJAYAWADA 521 IN

## ISOLATION OF VINGA RADIATA MUCILAGE AND ITS EVALUATION AS GELLING AGENTS IN DICLOFENAC SODIUM GEL

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

I. LAKSHMI USHA RANI, D. ROOPA, M. SRAVYA, B. BHANUMATHI BAI (2015 – 2019)

Under the Guidance of

Mr. S. VENKATESWARA RAO, M. Pharm, (Ph.D)
Assoc. Professor



DEPARTMENT OF PHARMACEUTICS

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN Enikepadu, Vijayawada

March 2019

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## VIJAYA INSTITUTE OF PHARMACEUTICAL Enikepadu, VIJAYAWADA - 521 108 SCIENCES FOR WOMEN

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## CERTIFICATE

This is to certify that the research work described in the thesis entitled "Isolation of Vigna radiata mucilage and its evaluation as getting agents in dictofenac sodium gel" being submitted by Ms. M. Sravya, Ms. D. Roopa, Ms. I. Usha Rani, and Ms. B. Bhanumathi Bai to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mr. S. Venkateswara Rao, Assoc. Professor, Dept. of Pharmaceutics.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Place: Vijavawada

ENIKEPADU

ENIKEPADU VIJAYAWADA.

Prof. Dr. K. Padmalatha
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Mr. S. Venkateswara Rao., M. Pharm, (Ph.D) Assoc. Prof Department of Pharmaceutics, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada-521108

## CERTIFICATE

This is to certify that the disseration entitled "Isolation of vigna radiata mucilage and its evaluation as getting agent; dictofond sodicis being submitted by Ms. M. Sravya, Ms. D. Roopa, Ms. I.

Usha Rani, & Ms. B. Bhanumathi Baito the Jawaharlal Nehru

Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Instituted Pharmaceutical Science for Women" Enikepadu, Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.



Mr. S. VenkateswaraRa, M. Pharm, (Ph.D)

Research Supervisor

Vilaya Institute of Pharmaceutica

Sciences for Women

ENIKEPADU. VIJAYAWADA.

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ENIKEPADU VIJAYAWADA 521 108

## **DECLARATION**

We, M. Sravya, D. Roopa, I. Usha Rani, and B. Bhanumathi Bai IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled "Isolation of Nigna Tadiata mucilage and its evaluation as getting agents in dictofence saturbeing submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mr. S. Venkateswara Rao, Assoc. Professor. Department of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

I. Usha Rani (157N1R0060): I Jakshmi Usha Pani

M. Sravya (157N1R0080): M. Grava

D. Roopa (157N1R0082):  $\mathcal{R}_{00} p \alpha \cdot \mathcal{D}$ 

B. Bhanumathi Bai(157N1R0099): B Brance Washi Bai

Date: 25/3/2019

Place: Vijayawada



VIJAYA INSTITUTE
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# DESIGN AND OPTIMIZATION OF ITRACONAZOLE EMULGEL

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

## BACHELOR OF PHARMACY

## Submitted by

Ms. P. Sandhya Rani, Ms. Ayushi Maheshwari, Ms. R. Gayathri
Aparnasai , Ms. V. Mounika, Ms. S. Phani Vedasri &

Ms. M. Anusri.

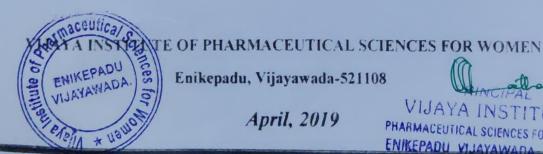
(2015- 2019)

Under the Guidance of

Mrs. A. V. S. HIMA BINDL., M. Pharm

Asst. Professor Department of Pharmaceutics





## CERTIFICATE

This is to certify that the research work described in the thesis entitled "Design and Optimization of Itravouazele Emulget" hemg submitted by Ms. P. Sandhya Ram, Ms. Avishi Maheswari. Ms. R. Gayathri Aparnasai, Ms. V. Mounika, Ms. S. Phani vedasri, M. Anusri to Jawaharlal Nehru Technological University, Kakinada, in partial fidfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mrs. A.V. S. Hima bindu., M. Pharm., Asst. Professor Department of Pharmaceutics.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.



Prof. Dr. K. Padmalatha

Principal

PRINCIPAL

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Date: 30 3 2019

Place: Enikepadu, Vijayawado

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Mrs. A. V. S. Himabindu, M. Pharm

ASSI. Prof

Department of Pharmaceutics

Visia lambure of Pharmaceutical Sciences for Women

Emikerado, Vijarawada- 9311(89

## CERTIFICATE

TRACONAZOLE EMULGEL" is being submitted by Ms. P. Sandhyo Rani, Ms. Ayushi Maheswari, Ms. R. Gayathri Apornasai, Ms. V. Mounika. Ms. S. Phani vedassi. & Ms. M. Armsri. In partial fulfillment of the requirements of award of Bachelor of Pharmacy in the Department of Pharmaceutics to the Jawaharlal Nehru Technological University. Kakinada is the bonafide work carried out by them at U. a.a. Institute of Pharmaceutical Sciences for Women. Vyayawada. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

A.V.S. Himalindu solslig Mrs. A.V.S. HIMA BINDU. M. Pharm.

Asst Professor.

Research Supervisor
Dept. of Pharmaceutica
Vijaya Institute of Pharmaceutica
Sciences for Woman
ENIKEPADU, VIJAYAWADA

Date: 30 3 19

Place: Enikepadu, Vijava

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PRINCIPAL
VIJAYA INSTITUTE
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ENIKEPADU VIJAYAWADA 521108

## DECLARATION

We, Ms. P. SandhyaRani, Ms. Ayushi Maheshwari, Ms. R. Gayathri Aparnasai, Mx V. Monnika, Mx. S. Phani veda sel, & Ms. M. Anusri students of IV B. Pharm of of Pharmaceutical Sciences for Women". Enikepadu, Institute "l'iiava Unayawada do here by declare the work embodied in this thesis entitled DESIGN AND OPTIMIZATION OF ITRACONAZOLE EMULGEL" heing submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide work carried out by us under the guidance of Mrs. A. V. S. HIMA BINDU., M. Pharm Asst Prof. Department of Pharmaceutics.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ms. P. Sandhya Rani (157N1ROOO2): P. Sandhya Rani.

Ms. Ayushi Maheswari (157N1ROOO8): Ayun

Ms. R. Gayathri Aparnasai (157N1ROO54): R. Grayathou affarna Sai

Ms. V. Mounika (157NIROO65): V. Mounika

Ms. S. Phani Vedasri (157NIROO73): S. Phani Veda Sri

Ms. M. Anusri (157N1ROO83): M. Auu Sri

Date: 30/3/19

Place: Enikepadu, Vijayawada

maceutical EHIKEPADU

VIJAYA INS PHARMACEUTICAL SCIEN ENIKEPADU VIJAYAWADA

## UV SPECTROPHOTOMETRIC METHOD DEVELOPMENT AND VALIDATION OF DEXLANSOPRAZOLE BY USING INTERNAL STANDARD PANTAPRAZOLE IN BULK AND PHARMACEUTICAL DOSAGE FORMS

## PROJECT SUBMITTED TO



Jawaharlal Nehru technological University, Kakinada.

In partial fulfillment of the requirement for the award the degree

## BACHELOR OF PHARMACY

## Submitted By:

Atluri Devi priyadarshini (157N1R0004), Dasari Sravani (157N1R0011), Kondiparthi Naga Pratyusha (157N1R0037), Mugada Yamini Venkata Naga Sai Priya (157N1R0063), Vemulapalli Pavani (157N1R0091), Kattepogu Bhagya Sri (157N1R0094)

Under the guidance of

Mr. M. Bala Krishna, M. Pharm.

Asst. Professor



Department of pharmaceutical analysis

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

April, 2019.

ENIKEPADU, VIJAYAWADA. VIJAYA INSTITUTE HARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 571 108



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## CERTIFICATE

This is to certify that the dissertation entitled "UV SPECTROPHOTOMETRIC. VALIDATION DEVELOPMENT AND METHOD STANDARD EXLANSOPRAZOLE USING INTERNAL BYAND PHARMACEUTICAL DOSAGE PANTAPRAZOLE IN BULK FORMS" is being submitted by Atluri Devi Priyadarsini (157N1R0004), Dasari Sravani (157N1R0011), Kondiparthi Naga Prathyusha (157N1R0037), Mugada Naga Sai Priya (157N1R0063), Vemulapalli Pavani Yamini Venkata (157N1R0091), Kattepogu Bhagya Sri (157N1R0094) to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment for the award of Bachelor of Pharmacy in the department of Pharmaceutical Analysis, under the guidance of Mr. M. Bala Krishna, M. Pharm., Asst Prof., is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu Vijayawada.

The result incorporated in this work has not been submitted to any other university or institute for the award of any degree.

ON ENIKEPADU CONTROS TO VIJAYAWADA. TO THE VIJAYAWADA.

Date: 01/4/2019

Place: Vijayawada.

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
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Prof. Dr. K. Padmalatha.

PRINCIPAL

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PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU, VIJAYAVVADA 521 10F



SCIENCES FOR WOMEN

Gott of AP . Approved by AICTE New Della

## CERTIFICATE

This is to certify that the dissertation entitled "UV spectrophotometric method development and validation of dexlansoprazole by using internal standard pantaprazole in bulk and pharmaceutical dosage forms" is being submitted by Atluri Devi priyadarshini (157N1R0004), Dasari Sravani (157N1R0011), Kondiparthi Naga Pratyusha (157N1R0037), Mugada Yamini Venkata Naga Sai Priya (157N1R0063), Vemulapalli Pavani (157N1R0091), Kattepogu Bhagya Sri (157N1R0094) in partial fulfillment for the award of bachelor of pharmacy in the department of pharmaceutical analysis to the Jawaharlal Nehru Technological university, Kakinada, is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada under my guidance. The result incorporated in this work has not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfillment the partial requirement for the award of degree of bachelor of pharmacy in accordance with the regulations of the university.

Mr. M. Bala Krishna, M. Pharm.,

Asst., professor

Place: Vijayawada.

Research supervisor Dept.of Pharma Analysis Vijaya Institute of Pharamaceutica Sciences for Women

ENIKEPADU VIJAYAWADA JIJAYA INSTITUTE AHMACEUTICAL SCIENCES FOR WOMEN SWIKEPADU VIJAYAWADA 57' 108

## DECLARATION

We, Ms. Atluri Devi Priyadarsini (157N1R0004), Ms. Dasari Sravani (157NIR0011), Ms. Kondiparthi Naga Prathyusha (157N1R0037), Ms. Mugada Yamini Venkata Naga Sai Priya (157N1R0063), Ms.Vemulapalli Pavani (157N1R0091), Ms. Kattepogu Bhagya Sri (157N1R0094) students of B. Pharm IV year (2015-2019) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the dissertation entitled "UV SPECTROPHOTOMETRIC METHOD DEVELOPMENT AND VALIDATION **STANDARD** INTERNAL USING DEXLANSOPRAZOLE BY PANTAPRAZOLE IN BULK AND PHARMACEUTICAL DOSAGE FORMS" is a bonafide work carried out under the guidance of Mr. M. Bala Krishna, M. Pharm., Asst. Prof., Department of Pharmaceutical Analysis that the same is not copied from any thesis / project report.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ms. Atluri Devi Priyadarsini (157N1R0004), A Deri Psiga Darsini

Ms. Dasari Sravani (157N1R0011), D. Svaudui

Ms. Kondiparthi Naga Prathyusha (157N1R0037), k. Naga Prathyusha

Ms. Mugada Yamini Venkata Naga Sai Priya (157N1R0063), II. yamuni venkata Nga Sai Pri

Ms. Vemulapalli Pavani (157N1R0091), V Povoni

Ms. Kattepogu Bhagya Sri (157N1R0094). K. Blogyaev.

Date: 1 - 04 - 20

Place: Vijayawada.

VIJAYA INSTITUTE
PHARMAGEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 57' 108

## "EVALUATION OF ANALGESIC ACTIVITY OF AQUEOUS EXTRACT OF JASMINUM AZORICUM LINN IN EXPERIMENTAL RATS"

Project submitted to



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree of BACHELOR OF PHARMACY

Submitted by

K. SANJANA, K. LAKSHMI SAMRAJYAM, V. PRIYANKA. K. HELEN, T. KATHYAYANI, K. SHYAMALAKSHMI

(2018 - 2019)

Under the Guidance of

Mrs. PRADEEPA PRASON, M. Pharm. Asst. Professor Department Of Pharmacology



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN maceutica

Enikepadu, Vijayawada.

APRIL., 2019

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Endopada VIJAYAWADA - 131 100 Telephone No. 193 000 0000009 Fas No. 193 006 2044009 e-mail speciphone endoplope ad res

## CERTIFICATE

This is to certify that the research work described in the thesis entitled "EVALUATION OF ANALGESIC ACTIVITY OF AQUEOUS ENTRACT OF JASMINUM AZORICUM LINN IN EXPERIMENTAL RATS" being submitted by K. Sanjana, K. Lakshmi samrajyam, V. Priyanka, K. Helen, T. Kathyayani, K. Shyamalakshmi to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical sciences for Women, Vijayawada under the guidance of Mrs. Pradeepa Prason, Assistant Professor, Department of Pharmacology

Profest. K. Padmalatha

Principal

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ENREPADU, VIJAYAWADA 571 108

Place: Vijayawada maceulica WAYA

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PHARMACEUTICAL SCIENCES FOR VOMEN
ENIKEPADU VIJAYAWADA 501 108

## CERTIFICATI

This is to certify that the dissertation entitled "EVALUATION OF ANALGESIC ACTIVITY OF AQUEOUS EXTRACT OF JASMINUM AZORICUM LINN IN EXPERIMENTAL RATS" is being submitted by A. Sanjana, A. Lakshmi samrafyam, I. Priyanka, K. Helen, T. hathyayani, h. Shyamalakshmi to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical sciences for Women, Uayawada under my guidance. The results incorporated in this thesis have not been submitted elsewhere for the award of any other Degree In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University

4 4

Mrs. Pradeepa Prason, M. Pharm.
Asst. Prof
Research Supervisor

Oept of Pharmacology

(I) aya Institute of Pharmaco

Date: 62 /01. / 6 1 .

Place: Vijayawada

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## **DECLARATION**

We. K. Sanjana, K. Lakshmi samrajyam, V. Priyanka, K. Helen, T. Kathyayani, K. Shyamalakshmi IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled "EVALUATION OF ANALGESIC ACTIVITY OF AQUEOUS EXTRACT OF JASMINUM AZORICUM LINN IN EXPERIMENTAL RATS" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by us at Vijaya Institute of Pharmaceutical sciences for Women, Vijayawada under the supervision of Mrs. Pradeepa Prason, M. Pharm., Asst. Prof., Department of Pharmacology and that the same is not copied from any thesis/project report.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other Degree or Diploma.

K. Sanjana (157N1R0028) : k. sovjena

K. Lakshmi samrajyam (157N1R0072) : K-2AKShru

V. Priyanka (157NIR0079) : V. Priyanka

K. Helen (157N1R0084) : K. Helen

T. Kathyayani (157N1R0086) : T Kathyayani

K. Shyamalakshmi (137N1R0076) : Kisyamalakshmi

Date:

Place: Vijayawada.



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ENKEPADU VIJAYAWADA 52 108

# COMPARATIVE IN VITRO EVALUATION AND BIOLOUIVALENCE ASSESSMENT OF DIFFERENT BRANDS OF ROSUVASTATIN AND TELMISARTAN COMBINATION TABLETS USING HPLC

### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

## MASTER OF PHARMACY In PHARMACEUTICS

Submitted by

Ms. VEMANDA UMA Reg. No. 177N1SO306 (2017-2019)

## Under the Guidance of

Mr. S. VENKATESWARA RAO, M. Pharm. (Ph.D)

Associate Professor

Department of Pharmaceuties



#### VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU VIJAYAWADA

Enikepadu, Vijayawada- 521108

August, 2019

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## CERTIFICATE

This is to certify that the research work described in the thesis entified "COMPARATIVE IN VITRO EVALUATION AND BIOEOUTVALENCE INSESSMENT OF DIFFERENT BRANDS OF ROSUVASTATIN AND II I MIS ARTAN COMBINATION TABLETS USING HPLC" being submitted by Ms. Vemanda Uma to Jawaharlal Nehru Technological University, Kakmada, in partial fulfillment of the requirements for the award of the degree of 'Master of Pharmacy' in the department of Pharmaceutics, under the guidance of Mr. S. Venkateswara Rao, Assoc. Prof, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.



Prof. Dr. K. Padmalatha PRINCIPAL VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 52° 10R

Date:

ENIKEPAD

Place: Enikepadu, Vijayawada

PHARMACEUTICAL SCIENCES FOR WOMER ENKEPADU VIJAYAWABA

Mr. S. VENKATESWARA RAO., M. Pharm. (Ph.D)

Associate Professor

Department of Pharmaceutics.

Visava Institute of Pharmaceutical Sciences for Women,

Enikepadu, Vijayawada-521108

## **CERTIFICATE**

This is to certify that the dissertation entitled "COMPARATIVE IN VITRO EVALUATION AND BIOEQUIVALENCE ASSESSMENT OF BRANDS ROSUVASTATIN TELMISARTAN COMBINATION TABLETS USING HPLC" is being submitted by Ms. Vemanda Uma in partial fulfillment for the award of 'Master of Pharmacy' in the department of Pharmaceutics to Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree. In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Master of Pharmacy' in accordance with the regulations of the University.



Mr. S. VENKATESWARA RAO, M. Pharm.

Associate Professor

Research Supervisor

Dept. of Pharmaceutics
Vijaya Institute of Pharmaceutica
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ENIKEPADU VIJAYAWADA.

Date: 01/08/2019

Place: Enikepadu, Vijayayada





## **DECLARATION**

l, VEMANDA UMA a student of M. Pharm second year bearing Regd. No. 177NISO306 (2017-2019) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "COMPARATIVE IN VITRO EVALUATION AND BIOEQUIVALENCE ASSESSMENT OF DIFFERENT BRANDS OF ROSUVASTATIN AND TELMISARTIN COMBINATION TABLETS USING HPLC" is a bonafide work carried out by me under the guidance of Mr. S. Venkateswara Rao, M. Pharm, Assoc. Prof, Dept of Pharmaceutics at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada and that the same is not copied from any thesis/project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.



Ms. VEMANDA UMA

Dept. of Pharmaceutics
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ENIKEPADU VIJAYAWADA.

Date:

Place: Enikepadia Jaya

enikepadu vijayawada.

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ENIKEPADU VIJAYAWADA 521 14

# A SPECTROSCOPIC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF DOXYLAMINE SUCCINATE IN ITS PHARMACEUTICAL DOSAGE FORMS BY FORMATION ION-PAIR COMPLEX

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

MASTER OF PHARMACY IN PHARMACEUTICAL ANALYSIS

AND QUALITY ASSURANCE

Submitted by RAVURI SOWJANYA Reg. No: 177N1S0406 (2017–2019)

Under the Guidance of
Dr. K. PADMALATHA M.Phrm., Ph.D.
PROFESSOR & PRINCIPAL



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN



Enikepadu, Vijayawada

June, 2019





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## **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "A Spectroscopic method development and validation for estimation of Doxylamine succinate in its pharmaceutical dosage forms by formation ton-pair complex" is being submitted by Ms. RAVURI SOWJANYA to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis and Quality Assurance under the Academic by Dr. K. PADMALATHA, M.Pharm., Ph.D., Professor & guidance Principal.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.



Date:

Place: Vijayawada

Prof. Dr. K. PADMALATHA

**Principal** VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU. VIJAYAWADA PIN - 521 108



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The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.



Date:

Place: Vijayawada



Prof. Dr. R. PADMALATHA

Principal

Deptiof Pharma Analysis
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## **DECLARATION**

Sowjanya student of M.Pharmacy bearing Regd.No. 177N1S0406 (2017-2019) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "A Spectroscopic method development and validation for estimation of Doxylamine succinate in its pharmaceutical dosage forms by formation ion-pair complex" a bonafide work carried out by me under the guidance of Dr. M. K. PADMALATHA, M.Pharm., Ph.D., Professor & Principal I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.



Date:

Place: Vijayawada.



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## **CERTIFICATE OF TRAINING**

This is to certify that Joshnavi Siddineni
has undergone training programme on
Intrumental of Chemical Analysis
from 8th Kay - 2019 to 7th June - 2019
organized by Analog Labs, Hyderabad. During training
programme, the candidate was imparted training
on HOLC, UN & Wet Analysis
The performance of the candidate during the training
period was found to be satisfactory.



**Director** 

Analog Labs Analytical Testing Laboratory of Training Centre 3rd Floor, Plot No. 86 Near Venkaleshwara Temple Megi verikategumala tempia

Instructor



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## INDUSTRIAL TRAINING CERTIFICATE

This is certify that, Ms.Boppudi Bindu Sri D/o Srinivasa Rao from VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Vijayawada. Regd. No. 167N1R0016 undergone Industrial training in our Pharmaceutical Manufacturing unit during the period from 08/05/2019 to 07/06/2019

During this tenure she was trained in manufacturing of various formulation. She has shown keen interest in learning & her observation level is good. We wish her success in her future endeavors.

K.S.N. MURTHY
Cheif HR Admistrator











# INDUSTRIAL TRAINING CERTIFICATE

This is certify that, Ms.Ganta Jyothika D/o Gopala Krishna from VIJAYA INSTITUTE OF PHARMAGEUTICAL SCIENCES FOR WOMEN, Vijayawada. Regd. No. 167N1R0026 undergone Industrial training in our Pharmaceut Cal Manufacturing unit during the period from 08/05/2019 to 07/06/2019

During this tenure she was trained in manufacturing of various formulation. She has shown keen interest in learning & her observation level is good. We wish her success in her future endeavors.

K.S.N. MURTHY
Cheif HR Admistrate







## INDUSTRIAL TRAINING CERTIFICATE

This is certify that, Ms.Savara Bhagya Laxmi D/o Gunnayya from VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Vijayawada. Regd. No. 167N1R0036 undergone Industrial training in our Pharmaceutical Manufacturing unit during the period from 08/05/2019 to 07/06/2019

During this tenure she was trained in manufacturing of various formulation. She has shown keen interest in learning & her observation level is good. We wish her success in her future endeavors.

K.S.N. MURTHY
Cheif HR Admistrator









# CERTIFICATE OF TRAINING



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Instructor

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#### FORMULATION AND IN-VITRO EVALUATION OF TOPICAL DICLOFENAC SODIUM USING DIFFERENT DOSAGE FORMS

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

B. SIRISHA, Y. DAMAYANTHI, S. NAVYA SREE, B. BHAVYA REKHA & K. GOUTHAMI

2014-2018

Under the Guidance of

Mr. SRINU NAIK. D., M. Pharm Asst. Professor



DEPARTMENT OF PHARMACEUTICS
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Enikepadu,

Vijayawada

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#### **APRIL 2018**



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#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled **"FORMULATION** AND IN-VITRO **EVALUATION** OF **TOPICAL** DICLOFENAC **SODIUM** USING **DIFFERENT DOSAGE FORMS"** being submitted **B**. SIRISHA, Y. DAMAYANTHI, S. NAVYASREE, B.BHAVYA REKHA K.GOUTHAMI to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision

SRINU NAIK.D., Asst. Professor, Dept. of Pharmaceutics.

ENIKEPADU Date.

Prof. Dr. K. Padmalatha

Mr. SRINU NAIK. D., M. Pharm. Asst. Prof Department of Pharmaceutics, Vijaya Institute of Pharmaceutical Sciences for Women, Knikepadu, Vijayawada-521108

#### CERTIFICATE

This is to certify that the dissertaion entitled "FORMULATION AND IN-VITRO EVALUTION OF TOPICAL DICLOFENAC SODIUM USING DIFFERENT DOSAGE FORMS" is being submitted by Ms. by Ms. B. SIRISHA, Ms. Y. DAMAYANTHI, S. NAVYASREE, B. BHAVYA REKHA & K. GOUTHAMI to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women," Enikepadu, Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of

Pharmae in Mal or cance with the regulations of the University. thaceutica, Date: ENIKEPADU VIJAYAWADA Place: Vijayawada

Well # View

Mr. SRINU NAIK. D., M. Pharm,

Research Supervisor

Dept. or Pharmaceutics Vijaya institute of Pharmaceutica

Sciences for Womer VIJAYA IN STIT ENIKEPADU, VIJAYAMAMACEUTICAL SI

ENIKEPADU VIJAY WADA

#### **DECLARATION**

We B. SIRISHA, Y. DAMAYANTHI, S. NAVYASREE, B. BHAVYA REKHA & K. GOUTHAMI of IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled "FORMULATION IN-VITRO EVALUATION OF TOPICAL DICLOFENAC SODIUM DIFFERENT USING DOSAGE FORMS" submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical for Women", Enikepadu, Vijayawada, under supervision Mr. Srinu Naik.  $D_{\cdot \cdot \cdot}$ Asst. Professor, Department of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

1) B. SIRISHA

(147N1R0043): B. Siriulu

2) Y. DAMAYANTHI

(147N1R0051): y Damayauthi

3) S. NAVYA SREE

(147N1R0005): S. Navya Sree

4) B. BHAVYA

(147N1R0068): B. Bhauya

5) K. GOUTHAMI

(1420-180015): K. Coutham

Date: 5 4/18

Place: Vijayawada

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PHARMACEUTICAL SCIENCE: FOR WOM
ENIKEPADU VIJAYAWACA 52' 10

# "FVALUATION OF ANTIDEPRESSANT ACTIVITY OF AQUEOUS LEAVES EXTRACT OF HIBISCUS HIRTUS LINN IN EXPERIMENTAL RATS"

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree of

BACHELOR OF PHARMACY

Submitted by
N. MAMATHA SRI, N. MEGHANA, SVSD. MANASA,
K. BHAVYA SRI, K. INDIRA, K. SRI LAKSHMI
(2014 – 2018)

Under the Guidance of

Mrs. VUNDAVALLI GREESHMA, M. Pharm.

Asst. Professor

Department Of Pharmacology



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada.

APRIL, 2018





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#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Evaluation of Antidepressant Activity of Aqueous Leaves Extract of Hibiscus hirtus Linn in Experimental Rats" being submitted by N. Mamatha sri, N. Meghana, SVSD. Manasa, K. Bhavya sri, K. Indira, K. Sri Lakshmi to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide work carried out by them in Vljaya Institute of Pharmaceutical sciences for Women, Vijayawada under the guidance of Mrs. V. Greeshma, Assistant Professor, Department of Pharmacology.

Prof. Dr. K. Padmalatha
Principal

Date: 20

Place Vijayawad

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V. Greeshma, M. Pharm.

Prof. tment of Pharmacology,

Institute of Pharmaceutical Sciences for Women,

udu, Vijayawada-521108

#### CERTIFICATE

is to certify that the work embodied in this thesis entitled iluation of Antidepressant Activity of Aqueous Leaves Extract of icus hirtus Linn in Experimental Rats" being submitted by N. atha sri, N. Meghana, SVSD. Manasa, K. Bhavya sri, K. Indira, K. Sri imi to Jawaharlal Nehru Technological University, Kakinada, in al fulfillment of the requirements for the award of the degree of elor of Pharmacy is a bonafide work carried out by them in Vijaya ute of Pharmaceutical sciences for Women, Vijayawada under my nce. The results incorporated in this thesis have not been submitted here for the award of any other Degree.

opinion, this work has reached the standard in fulfilling the partial repents for the award of the degree of Bachelor of Pharmacy in dance with the regulations of the University.



19/3/18 Vijayawada



V. Gorees

Mrs. V. Greeshma

Research Supervisor

Dept. of Pharmacology Vijaya Institute of Pharmac Aca-Sciences for Women ENIKEPADU, VIJAYAWADA

> PHARMACEUTICAL SCIENCES ENIKEPADU VIAYAWADA

TE WOMEN

#### **DECLARATION**

We. N. Mamatha sri, N. Meghana, SVSD. Manasa, K. Bhavya sri, K. Indira, K .Sri Lakshmi IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled "Evaluation of Antidepressant Activity of Aqueous Leaves Extract of Hibiscus hirtus Linn in Experimental Rats" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by us in Vijaya Institute of Pharmaceutical sciences for Women, Vijayawada under the supervision of Mrs. V. Greeshma, M. Pharm., Asst. Prof., Department of Pharmacology.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other Degree or Diploma.

: N. Mamatha Las N. Mamatha sri (147N1R0006)

: N. Meg hana (147N1R0009) N. Meghana

: SUSD Manasa SVSD. Manasa (147N1R0016)

(147N1R0028) : K. Bhavya. K. Bhavya sri

: K. India (147N1R0041) K. Indira

· K·Sailakshmi K. Sri Laksmini (1478) R0044) ENIKEPADU

VIJAYA INSTIT PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA

Date:

ADAWAYALIN

## CHROMATOGRAPHIC DETERMINATION OF PESTICIDE RESIDUE IN ORGANIC AND TREATED BRINJAL VEGETABLE SAMPLE

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfilment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

P. Sowmya, Ch. Lochana, M. Sailatha, K. Ratnamani, Ch. Deviprasanna and P. Vineetha

(2014 - 2018)

Under the Guidance of

Dr. M. Narender,

**Associate Professor** 



DEPARTMENT OF PHARMACEUTICAL ANALYSIS
VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN



Enikepadu, Vijayawada

APRIL 2018

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PHARMACEUTICAL SCIENCES FOR WOMEN



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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada.

Enikepadu, VIJAYAWADA ~ 521 108 Telephone No. +91 866 6460999 Fax No. +91 866 2844999 e-mail. vijayapharmacyfw@gmail.com

#### **CERTIFICATE**

"Chromatographic determination of pesticide residue in organic and treated brinjal vegetable sample" is being submitted by the P. Sowmya, M. Sailatha, Ch. Lochana, K. Ratnamani, Ch. Deviprasanna and P. Vineetha, to Jawaharlal Nehru Technological University, Kakinada, in partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Dr. M. NARENDER, Associate Professor, Department of Pharmaceutical Analysis.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 24/3/18

Place: Vijayawada



Prof. Dr. K. Padmalatha

PRINCIPAL
VIJAYAINSTITUTE OF
PHARMACEUTICAL SCIENCES FOR WOME
ENIKEPADU VIJAYAWADA-528 108



PHARMACEUTICAL SCIENCES FOR WOMEN

NIKEPADU VIJAYAWADA 521 101

#### CERTIFICATE

In verify that the dissertation entitled "Chromatographic determination of pesticide in veranic and treated brinjal vegetable sample" is being submitted by the P. M. Nalietha, Ch. Lochana, K. Ratnamani, Ch. Deviprasanna and P. Vineetha, to harbarlal Nehru Technological University, Kakinada, in partial fulfilment of the search for the award of the degree of Bachelor of Pharmacy is a bonafide research and by them in "Vijaya Institute of Pharmaceutical Sciences for Women."

Wijayawada. The results presented in this thesis have not been submitted there for the award of any other Degree.

apinion, this work has reached the standard in fulfilling the partial requirements for award of the degree of Bachelor of Pharmacy in accordance with the regulations of the worstly



M. Narender

Dr. M. Narender, M.Pharm, Ph.D,

Associate Professor, (Research Supervisor)

Dept.of Pharma Analysis
Vijaya Institute of Pharamaceutica.
Sciences for Women
ENIKEPADU, VIJAYAWADA

nte: 18/01)2018

'ace: Vijayawada





#### **DECLARATION**

We P. Sowmya, M. Sailatha, Ch. Lochana, K. Ratnamani, Ch. Deviprasanna and P. Vineetha, IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled "CHROMATOGRAPHIC DETERMINATION OF PESTICIDE RESIDUE IN ORGANIC AND TREATED BRINJAL VEGETABLE SAMPLE" is being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences For Women", Vijayawada, under the supervision of Dr. M. Narender, M. Pharm, Ph.D., Associate Professor, Department of Pharmaceutical Analysis.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

P. Sowmya (147N1R0002)

: P. Sowmya. M. Sailatha (147N1R0018)

Ch.Lochana (147N1R0020) : CH. Lochana

: K. Ratna Mani K. Ratnamani (147N1R0032)

Ch. Devi prasanna (147NIR0036): Ch. Devi Perasanna

: T. Vincetha. P. Vineetha (147N1R0049)

Date: 17-3-2018.

Place: Vijayawada



ENIKEPADU VIJAYAWADA

PHYTOCHEMICAL AND IN VITRO THROMBOLYTIC ACTIVITY
EVALUATION OF CASSIA SIAMEA L., LEGUMINOSAE LEAF
EXTRACTS

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

**Submitted by** 

P. VIJAYA RANI, J. SUPRIYA, O. MADHURI, M. VIJAYA SAI SREE, L. SAI RAMYA & M. GNANA CHANDRIKA.

(2014 - 2018)

Under the Guidance of

Mrs. M. VANI, M. Pharm Assistant Professor



DEPARTMENT OF PHARMACOGNOSY
VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN
Enikepadu, Vijayawada

**APRIL 2018** 

ENIKEPADU





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Pharmacy Council of India, New Delki. & Affiliated to JNTU Kakinada.

Emiliep ofn VLIAYAWADA - 521 109 Telephone No. 121 266 6469222 Fax No. 121 266 2844222 e-mail squyaptam accts @grand com

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "Phytochemical and in vitro thrombolytic activity evaluation of Cassia siamea L., Leguminosae leaf extracts" being submitted by Ms. P.Vijaya Rani, Ms. J. Supriya, Ms. O. Madhuri, Ms. L. Sai Ramya & Ms. M. Gnana Chandrika to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mrs. M. Vani, Asst. Professor Department of Pharmacognosy.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 28/3

Place: Vijayawaa

Prof. Dr.K. Padmatatha
VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 521 198



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VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENKEPADU VIJAYAWADA 521 108

Mrs. M. Vani, M. Pharm. Asst. Prof Department of Pharmacognosy, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada-521108

#### CERTIFICATE

This is to certify that the disseration entitled Phytochemical and in

vitro thrombolytic activity evaluation of Cassia siamea L., Leguminosae leaf extracts is being submitted by Ms. P. Vijaya Rani, Ms. J. Supriya, O. Madhuri, M. Vijaya Sai Sree, L. Sai Ramya and M. Gnana Chandrika to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women," Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Date: 18.03.2018.

Mrs. M. Vani, M. Pharm, Asst. Prof

Place: Vijayawada ENIKEPADU

VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOMEN ENKEPADU VIJAYAWADA 57' 108

#### DECLARATION

We, Ms. P. Vijaya Rani, Ms. J. Supriya, Ms. O. Madhuri, Ms. M. Vijaya Sai Sree, Ms. L Sai Ramya, and Ms. M. Gnana Chandrika, IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled

Cassio

being submitted to

Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. M. Vani, M.Pharm., Assoc. Professor, Department of Pharmacognosy.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

P. VIJAYA RANI (147N1R0007): P. VEjaya Pari

J. SUPRIYA (147N1R0022): J. Supriye

O. MADHURI (147N1R0031): Madhuri. O

M. VIJAYA SAI SREE (147N1R0038): M. Wijaya &aratec.

L. SAIRAMYA (147N1R0042): L. sai Pamya,

M. GNANA CHANDRINA (147N1R0069): M. Clandeika

\* IIBWO

Date: 24/02/2018

Place: Vijayawada

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PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 52' 108

#### ANTIPROLIFERATIVE, ANTIMITOTIC AND CYTOTOXIC EFFECT OF PITHECELLOBIUM DULCE METHANOLIC LEAF EXTRACT

#### PROJECT SUBMITTED TO



# Jawaharlal Nehru Technological University, Kakinada In partial fulfillment of the requirement for the award of the degree BACHELOR OF PHARMACY

#### Submitted by

V. KUSUMA, Sk. SALISHA, J. BINDU MADHURI, Md. MEHRAJ, E. REVATHI SREE, M. SAILAJA. (2014-2018)

> Under the Guidance of Mrs. D. Santhi krupa, M. Pharm Assistant Professor







VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN
Enikepadu, Vijayawada

March 2018



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Processed to tract of EP. Approved to Ut 13 Year fields.
Photocolor traced of Bode Fee Feeling Utilizated to 1911 & decide.

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#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "intiproliterates". Antimitatic and Cytotoxic effect of Pithecellobium Duler Methanistic leaf Extract" being submitted by Ms. V. Kusuma, Mrs Sk. Salisha.

Ms. J. Bindu Madhuri, Ms. Md Mehraj, Mrs. E. Revathi sree and Ms. M. Sailaja to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacyis a bonafide research work carried out by them in "Vijaya Institute of Pharmaceurical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mrs. D. Santhi Krupa, Assi, Professor, Dept. of Pharmacology.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Prof. Dr. K. Padmalatha

Date: 9/3/2018

Place: Horawada

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PRINCIPAL
VIJAYAINSTITUTE OF
PHARMACEUTICAL SCIENCES FOR WON
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EMIKEPADU VIJAYAWADA 521 198

Mrs. D. NANTHI KRI PA. M. Pharm

And Prof
Elepartment of Pharmacology.

Vijava Institute of Pharmacoutical Sciences for Women.

Embryodin, Vijavanada, 521108

#### CLRTHICATE

This is to certify that the dissertion entitled Support to the continuous to the second submitted by Ms V Kusuma Mrs Sk Salisha, Ms J Bindu Sudhuri Ms Md Mehry Mrs E Revathisree and Ms M Sailaja the sandhurial Sehru Technological University Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a tenufide research work carried out by them in "Vijaya Districts of the ented in this them that their have not been submitted elsewhere for the award of any other Oegree."

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in a ordance with the regulations of the University.

Date in a 112 /



Mrs. D. Santhi Krupa, M. Pharm Research Supervisor

VIJAYA INSTITUTE

Sciences for Women ENIKEPADU VIJAYAWADA 521 108

#### DOLL OF THOS

We I Kusuma, Sk Salisha, J Bindu Madhuri, Md. Mehraj, E Revathi sree and M Sailaja W year B Pharm students do hereby declare that the work embodied in this thesis entitled "Antiproliferative, Antimitotic and Eviotoxic effect of Puhreeneshines Dulce Methanolic leat extract" being submitted to Jawaharlal Nehru. Technological University. Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women". Enikepadu, Vijayawada, under the supervision of Mrs. D. Santhi Krupa Asst Professor, Department of Pharmacology.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

V. Kusuma (147N1R0001): V. Kusuma

Sk. Salisha (147 N1R0004): Sk Hali the

J. Bindu Madhuri (147N1R0017): J Bunduftadhwii

Md. Mehraj (147N1R0024): Md. Hehraj

E. Revathi Sree (147N1R0029): 6. Revathi Stace

M. Sailaja (147N1R0065): M. Tailaga

Date: 19/03/18

Place: Vijayawada



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ENKEPADU VIJAYAWADA 521 108

## FORMULATION DEVELOPMENT AND EVALUATION OF TELMISARIAN FAST DISSOLVING FILMS

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **MASTER OF PHARMACY**

In PHARMACEUTICS

Submitted by

Ms. P. SAILAKSHMI Reg. No. 167N1S0301 (2016 – 2018)

Under the Guidance of

Mr. S. Venkateswara Rao, M.Pharm, (Ph.D)
Assoc. Professor
Department of Pharmaceutics



Vijava Justitute of Pharmaceutical Sciences for Women Entrepadu, Vijayawada- 521108

MAY - 2018

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e-mail: visayapharmacyfw@gm.ml/com

Finds up adm. VLJAY AWADA 121 108. Telephone Ple 191 866 6460999 Fax No. 191 866 2844999

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled TFORMULATION DEVELOPMENT AND EVALUATION OF IFIMISARIAN FAST DISSOLVING FILMS" being submitted by Ms. P. SAILAKSHI to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of 'Master of Pharmacy' in the department of Pharmaceutics, under the guidance of Mr. S. Venkateswara Rao Assoc. Prof., is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women. The results incorporated in this work have not been submitted to any other University.

Date:

Place: Enikepadu, Vijayawada

Prof. Dr. K. Padmatatha PRINCIPAL SIS VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU, VIJAYAWADA - 521 108.



VIJAYA INSTITUTE
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ENIKEPADU VIJAYAWADA 57' 108

#### Mr. S. Venkateswara Rao., M. Pharm, (Ph.D)

Associate Professor
Department of Pharmaceutics,
Vijaya Institute of Pharmaceutical Sciences for Women,
Enikepadu, Vijavawada-521108

#### CERTIFICATE

This is to certify that the dissertation entitled "FORMULATION DEVELOPMENT AND EVALUATION OF TELMISARTAN FAST DISSOLVING FILMS" is being submitted by Ms. P. SAILAKSHMI in partial fulfillment for the award of 'Master of Pharmacy' in the department of Pharmaceutics to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Master of Pharmacy' in accordance with the regulations of the University.

aceutica



Date: 06/8/2018

Place: Enikepadu, Vijayan

Mr. S. Venketeswara Rao, M. Pharm (Ph. D)

Assoc. Professor &

Research Supervisor

Research Supervisor

Dept. of Pharmaceutics

Vijaya Institute of Pharmaceutica

Sciences for Women

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VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN

ENKEPARIL VILLAVANADA FO

#### **DECLARATION**

I. P. SAILAKSHMI a student of II M. Pharm bearing Regd. No. 167N1S0301 (2016-2018) of "Vijaya Institute of Pharmaceutical Sciences for Women". Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "FORMULATION DEVELOPMENT EVALUATION OF TELMISARTAN FAST DISSOLVING FILMS" is a bonafide work carried out by under me the guidance Mr. S. VenketeswaraRao, M.Pharm, (Ph.D) Associate Professor, Dept of Pharmaceutics at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada and that the same is not copied from any thesis / project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

P. Cai latshmi Ms. P. SAILAKSHMI

Date: 06/08/2018

Place: Enikepadu, Vijayawada.



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ENIKEPADU VIJAYAWADA 521 108

# RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF PARACETAMOL AND ALPRAZOLAM IN BULK AND PHARMACEUTICAL DOSAGE FORMS

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

MASTER OF PHARMACY
IN
PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE

Submitted by

Ms. S. DURGA MOUNIKA Reg. No. 167N1S0401 (2016– 2018)

Under the Guidance of

Dr. M. NARENDER., M. Pharm., Ph.D.,

**Associate Professor** 

DEPARTMENT OF PHARMACEUTICAL ANALYSIS & QUALITY ASSURANCE



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada

June, 2018





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Enikepadu, VIJAYAWADA - 521 108 Telephone No: +91 866 6460999 Fax No: +91 866 2844999

#### **CERTIFICATE**

HPLC Method Development and Validation for Simultaneous imation of Paracetamol and Alprazolam in Bulk and armaceutical Dosage Forms" is being submitted by Ms. S. DURGA HOUNIKA to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis and Quality Assurance under the Academic guidance by Dr. M. NARENDER, Assoc. Professor.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

ENIKEPADU VIJAYAWADA.

Date: 14/8/18

Place: Vijayawada

ENIKEPADU VIJAYAWADA

Prof. Dr. K. Padmalorha
PRINCIPAL
VIJAYA INSTITUTE OF
PHARMACEUTICAL SCIENCES ECONOMICS

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PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 52' 108



#### VIJAYA INSTITUTE OF PHARMACEUTICAL Followeds, VIJAYAWADA, 521 108 SCIENCES FOR WOMEN

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Forkey and VLIAY AWADA - 521 [or Telephone Fis. 19] 266 6469999 Fax Fis. 191 266 2849999 a mail vita combarmor of wildow all com-

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "RP-HPLC Method Development and Validation for Simultaneous Estimation of Paracetamol and Alprazolam in Bulk and Pharmaceutical Dosage Forms" is being submitted by Ms. S. DURGA MOUNIKA to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis and Quality Assurance under the Academic guidance by Dr. M. NARENDER, Assoc. Professor.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 14/8/18

Place: Vijayawada

ENIKEPADU

Prof. Dr. K. Padmalatha
PRINCIPAL
VUJAYA INSTITUTE OF
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ENIKEPADU, VIJAYAWADA 521 108





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Telephone No. +91 866 646999
Fax No. +91 866 1844999
• mail vijayapharmaryfw@gmail.com

#### DECLARATION

I. S. Durga Mounika student of M. Pharmacy bearing Regd. No. 167N1S0401 (2016-2018) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "RP-HPLC Method Development and Validation for Simultaneous Estimation of Paracetamol and Alprazolam in Bulk and Pharmaceutical Dosage Forms" is a bonafide work carried out by me under the guidance of Dr. M. NARENDER, Assoc. Professor, Department of Pharmaceutical Analysis and Quality Assurance.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

S. Dunga Mounika

Date: 14 3 18

Place: Vijaipuo

ENIKEPADU POLICE VIJAYAWADA. 101

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PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 108

# DIABETIC NEPHROPROTECTIVE EFFECT OF SYZYGIUM AUROMATICUM OIL ON ALLOXAN INDUCED DIABETICNEPHROPATHIC RATS PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

MASTER OF PHARMACY

In PHARMACOLOGY

Submitted by

Ms. MATTA RUCI MONICA Reg. No. 167N1S0604 (2016 – 2019)

Under the Guidance of

Mr. A. JAYARAMI REDDY, M.Pharm. (Ph.D)
Assoc. Professor
Department of Pharmacology



Vijaya Institute of Pharmaceutical Sciences for Women Enikepadu, Vijayawada- 521108

January - 2019

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada e-mail. vijayapharinacyfw@gmail.com

Enikepadu VIJAYAWADA = 521 108 Telephone No. +91 866 6460999 Fax No. +91 866 2844999

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled DI ANT LICNEPHROPROTECTIVE EFFECT OFSYZYGIUM AUROM CTICUM OIL ONALLOXAN **INDUCED** DIABITICNEPHROPATHIC RATS " being submitted by, Ms. M.RUCI MONICA to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of 'Master of Pharmacy' in the department of Pharmacology, under the guidance of Mr. S. Venkateswara Rao Assoc. Prof, is the bonafide work carried out by her at Vljaya Institute of Pharmaceutical Sciences For Women.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date:

Place: Enikepadu, Vijayawada

Prof. Dr. K.Padmalatha
PRINCIPAL
VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU, VIJAYAWADA - 521 '08





Mr. A JAYARAMI REDDY., M. Pharm. (Ph.D)

Associate Profession Department of Pharmacology Vyava Institute of Pharmaceutical Sciences for Women Enikepadu, Vuavawada-521108

#### CERTIFICATE

This 10 certify that the dissertation entitled "DIABETICNI PHROPROTECTIVE LIFFECT 111 SYLYGHIM ALROMATICE M OH 01 111.0N 1N INDICED DIABETIC NEPHROPATHIC RATS "" is being submitted by Ms. M.RUCI MONICA in partial fulfillment for the award of 'Master of Pharmacy' in the department of Pharmacology to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Master of Pharmacy' in accordance with the regulations of the University.

Mr. A. JAYARAMI REDDY., M.Pharm (Ph.D) Associate Professor

Research Supervisor

Date:

maceutica Place: Enikepadu, Vijay WadeNIKEFADU DAWAYALIV

VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOME ENIKEPADU VIJAYAWADA

#### DECLARATION

I. M. RUCI MONIC A a student of M.Pharm second year bearing Regd.

No. 167NIS0604(2016-2019) of "Vijaya Institute of Pharmaceutical Sciences
for Women". Enikepadu, Vijayawada do hereby declare that the project
dissertation entitled "DIABETICNEPHROPROTECTIVE EFFECT OF

NYZYGIUM AUROMATICUM OIL ON ALLOXAN INDUCED

DIABETICNEPHROPATHIC RATS" is a bonafide work carried out by me
under the guidance of Mr. A. JAYARAMI REDDY, M.Pharm, (Ph.D)

Associate Professor, Dept of Pharmacology at Vijaya Institute of
Pharmaceutical Sciences for Women, Enikepadu, Vijayawada and that the
same is not copied from any thesis/project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

M fuci Menica

Ms. M. RUCI MONICA

Date:

Place: Enikepadu, Vijayawada.



VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENKEPADU VIJAYAWADA 521 108



## INDUSTRIAL TRAINING CERTIFICATE

This is certify that, Ms. Katamneni Mounika D/o K. Venkat rao from VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Vijayawada. Regd. No. 157N1R0010 undergone Industrial training in our Pharmaceutical Manufacturing unit during the period from 05/05/2018 to 05/06/2018

During this tenure she was trained in manufacturing of various formulation. She has shown keen interest in learning & her observation level is good. We wish her success in her future endeavors.

K.S.N. MURTHY Cheif HR Admistrator









DrugLic No: 31MD/AP2006/FG

Date: 17.05.2018

#### INDUSTRIAL TRAINING CERTIFICATE

This is to certify that Ms. ANUMOLU MOUNIKA, bearing Roll No.157N1R0020, is a bonafide student of VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN has undergone the "Industrial Training" in our organization from 16.04.2018 to 16.05.2018.

During the training, She had interacted with Quality control, Quality Assurance & Production departments and acquired basic knowledge in these areas.

During this aforesaid period, we found her hard working, sincere and learning attitude.

PELCOAT FORMULATIONS

**AUTHORIZED SIGNATORY** 







(An ISO 9001 : 2008 Certified Company) CIN : U73100 AP 1950 PTC 000420 OFFICE & FACTORY: Sirinagar, VIJAYAWADA-520 007 A.P. India

.lay. 2018.

Ms. UPADHYAYULA NAGA SAI LAKSHMI NARASA VUAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU. VIJAYAWADA 521 108.

Sub: Industrial Training - Reg.

\*\*\*

This is to certify that Ms.UPADHYAYULA NAGA SAI LAKSHMI NARASA, D/o ar Community of Reg. No.157N1R0030 has undergone Industrial training in our Organization for a period of one month i.e., from 17<sup>th</sup> April, 2018 to 17<sup>th</sup> May, 2018 and she has completed the training satisfactorily.

For SOUTH INDIA RESEARCH INSTT PVT LTD.,

(P.RAMBABU)

PRODUCTION MANAGER





PRINCIPAL

VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 178



PHONES: 0866-2554381, 2554282 & 83 FAX: 0866-2554665 / 2555863

E-mail: siris\_vjw@dataone.in

# Analog Labs Analytical Testing Laboratory & Training Centre

#### CERTIFICATE OF TRAINING

This is to certify that Grorantla - Sai poorning
has undergone training programme on
Instrumental and Chemical Analysis
from 1st - may - 2018 to 15th - June - 2018
organized by Analog Labs, Hyderabad. During training
programme, the candidate was imparted training
on HPLC, ur and wet Analysis
The performance of the candidate during the training
period was found to be satisfactory.



Analog Labs

Analytical Testing Laboratory & Training Centre
3rd Floor, Plot No. 86.
Near Venkateshwara Temple.
Prashanthi Nagar, Hyderahad - 500 0\*2, (A.P.)
Phone - 96 18252442

**Director** 





Instructor





### INDUSTRIAL TRAINING CERTIFICATE

This is certify that, Ms.Nandam Renuka Prabhandana D/o N. Yedukondalu from VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Vijayawada.Regd . No. 157N1R0042 Indergone Industrial training in our Pharmaceutical Manufacturing unit during the period from 05/05/2018 to 05/06/2018.

During this tenure she was trained in manufacturing of various formulation. She has shown keen interest in learning & her observation evel is good. We wish her success in her future endeavors.

K.S.N. MURTHY
Cheif HR Admistrator







## SYNTHESIS, CHARECTERIZATION AND BIOLOGICAL EVALUATION OF OXAZOLONE ANALOGS

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfilment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted By

BHAVANA TIPIRNENI, Md.ROSHNAHARA, A. MOUNIKA, Sk. KAJOL OSHIA, L. ANUSHA (2013-2017)

Under the Guidance of

Mr. G. MUTHU BHUPATHI, M. Pharm., (Ph. D)

Asst. Professor

DEPARTMENT OF MEDICINAL CHEMISTRY



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu Vijayawada

APRIL - 2017

ENIKEPADU CO

PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 521 10H



#### VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada.

e-mail: vijayapharmacyfw@gmail.com

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "Synthesis, characterization and biological evaluation of oxazoloneanalogs" being submitted by Bhavana. Tipirneni, Md. RoshnaHara, A. Mounika, Sk. Kajoloshio, L. Anusha to Jawaharlal Nehru Technological university, Kakinada, in partial fulfilment of the requirements for the award of the degree of Bachelor of pharmacy is a bonafied research work carried out by them in "Vijaya Institute of pharmaceutical sciences for women", Enikepadu, Vijayawada under the supervision of Mr. G. MuthuBhupathi, Assistant Professor, Department of Medicinal chemistry.

The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

Prof. Dr. K. Padmalatha

Date: 8(4/17

Place: Vijayawada

Principal
PRINCIPAL
VIJAYAINSTITUTE OF
HARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU. VIJAYAWADA-520 108



PRINCIPAL VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES PUR WOMEN ENIKEPADU VIJAYAWADA 521 108

Mr. G. MuthuBhupathi, M.Pharm., (Ph.D)

Asst. Professor,

Department of Medicinal Chemistry,

Vijaya Institute of Pharmaceutical Sciences for Women,

Enikepadu, Vijayawada-521108.

#### **CERTIFICATE**

This is to certify that the dissertation entitled

being submitted by BhavanaTipirneni, Md.RoshnaHara, A. Mounika, Sk. Kajoloshio, L. Anusha to Jawaharlal Nehru Technological university, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelos of pharmacy is a bonafied research work carried out by them in "Lijaya Institute of pharmaceutical sciences for women" Enikepadu, Vijayawada. The results presented in this thesis have not been submitted else ware for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of pharmacy in accordance with the regulations of the University.

Research Supervisor

Dept. of Ph.Ceutical Chemistry Vijaya Institute of Pharmaceutical Sciences for Women ENIKEPADU, VIJAYAWADA

Date: 07 · 04 · 17

Place: Vijayawada



VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENKEPADU VIJAYAWADA 57 108

We, BhavanaTipirneni, Md. Roshna Hara, A. Mounika, Sk. Kajoloshio, L. Anusha IV B.Pharm students do here by declared that the work embodied in the thesis entitled , being submitted to Jawaharlal Nehru Technological university, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of pharmacy is a bonafied research work carried out by us in "Vijaya Institute of pharmaceutical sciences for women "Enikepadu, Vijayawada, under the supervision of W. MathuBhiquati, Assistant Professor, Department of Medicinal chemistry.

We further declared that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

- Chavana. - Md. Roshuahara BhavanaTipirneni (137N1R0012)

Md. Roshnahara (137N1R0023)

A. Mounika (137N1R0046) A. Mounika

-Sk. dajol Oshia Sk. KajolOshia (137N1R0061)

- L. Anusha. L. Anusha (137N1R0064)

Date: 06-04-2017

Place: Vijayawada



VIJAYA INST PHARMACEUTICAL SCIENCES FOR W ENIKEPADU VIJAYAWADA 59

## DESIGN AND DEVELOPMENT OF ATORVASTATIN CALCIUM SOLID DISPERSIONS BY USING SOLVENT EVAPORATION TECHNIQUE

#### PROJECT SUBMITTED TO



#### Jawaharlal Nehru Technological University, Kakinada.

In partial fulfilment of the requirement for the award of the degree

#### BACHELOR OF PHARMACY

#### Submitted by

M. N. V. Padmavathi, T. Sailaja, K. Tanuja, B.V. S Sowjanya,

D. Padma, M. Keerthi

(2013 - 2017)

Under the Guidance of

Mr. P. Sai Krishna, M. Pharm., (Ph.D)
Assistant Professor
Department of Pharmaceutics



#### VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU VIJAYAWADA

ENIKEPADU, VIJAYAWADA – 521108 Andhra Pradesh

**April - 2017** 

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOME



## VIJAYA INSTITUTE OF PHARMACEUTICAL Enikep adu, VIJAYAWADA - 521 108 SCIENCES FOR WOMEN Telephone No. +91 866 6460000

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada e-mail: vijayapharmacyfw@gmail.com

Telephone No: +91 866 6460999

Fax No: +91 866 2844999

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "DESIGN AND DEVELOPMENT OF ATORVASTATIN CALCIUM SOLID DISPERSIONS BY USING SOLVENT EVAPORATION TECHNIQUE" being submitted by M. N. V. Padmavathi, T. Sailaja, K. Tanuja, B. V. S Sowjanya, D. Padma, M. Keerthi, to the Jawaharlal Nehru Technological University, Kakinada, in the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada, under the supervision of Mr. P. Sai Krishna, Asst. Professor, in the Dept. of Pharmaceutics.

Prof. (Dr). K. Fadmatatha, M. Pharm, Ph.D

Principal

Date: (0)4(17

Place: Enikepadu, Vijayawada.

ENIKEPADU VIJAYAWADA

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 52' 108



#### V LUAYA INSTITUTE OF PHARMACEUTICAL Enikepadn, VLJAYAWADA - 521 108 SCIENCES FOR WOMEN

executed by Gott of A.P. Approved by AlCIE New Della

Pharmacy Council of India, New Dellir & Affiliated to JNTU Kakanada — e-mail\_vijavapharmacyfw@gmail\_com

Telephone No -91 866 6460999

Fxx No -91 866 2841999

#### **CERTIFICATE**

this is to certify that the research work described in the thesis entitled DENIGN AND DEVELOPMENT OF ATORVASTATIN CALCIUM SOLID DISPURSIONS BY USING SOLVENT EVAPORATION TECHNIQUE" being submuted by M. N. V. Padmavathi , T. Sailaja, K. Tanuja, B. V. S Sowjanya, D Padma, M. Keerthi, entitled to the Jawaharlal Nehru Technological t niversity. Kakinada, in the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafied research work carried out by them in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu. Equivawada. The results in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Mr. P. Sai Krishna, M. Pharm., (Ph. D)

Research Supervisor

Date: 08/04/17

Place: Enikepadu, Vijavewada

atmaceutica) ENIKEPADU \* nam

VIJAYA PHARMACEUTICAL SCIENCES FOR ENIKEPADU VIJAYAWADA 5

11. M. N. V. Padmavathi, T. Sailaja, K. Tanuja, B.V.S Sowjanya, D. Padma, W Keerthi of IV year B. Pharm students do here by declare that the work embodied in this thesis entitled "DESIGN AND DEVELOPMENT OF LIORVASTAIN CALCIUM SOLID DISPERSIONS BY USING SOLVENT II IPOURATION TECHNIQUE" being submitted to Jawaharlal Nehru Lechnological University, Kakinada in partial fulfilment of the requirement for the award of the degree BACHELOR OF PHARMACY is the bonafide research work carried out by us in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada, under the supervision of Mr. P. Sai Krishna. 1sst. Prof., Dept. of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted clsewhere for the award of any other Degree or Diploma.

(137N1R0002) M. Padmayatti M. N.V Padmavathi

(137N1R0007) T Sailaja T. Sailaja

(137N1R0030) K. Tanoja K. Tanuja

(137N1R0042) B V.S. Soisjanga B. V. S Soujanya

: (137N1R0067) D. padma D. Padma

M. Keerthi (137N1R0069)

ENIKEPADU CON VIJAYAWADA.

Place: Enikepadu, Vijayawada.

Date: 08/4/14

VIJAYA INSTITUTE ENKEPADU VIJAYAWADA 5

### "VALIDATED SPECTROPHOTOMETRIC DETERMINATION OF FEXOFENADINE USING ACIDIC DYE IN BULK AND TABLET DOSAGE FORM"

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

D. B. D. Gayathri, Sk. Karishma Sulthana, M. Naga Lakshmi, Ch. Sai Prasanthi, Sd. Mubarak Fathima, S. Mounika

(2013 - 2017)

Under the Guidance of

Mrs. S. ARCHANA, M.Pharm.
Asst. Professor

Department of Pharmaceutical Analysis and Quality Assurance.



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN Enikepadu, Vijayawada

April, 2017

ENIKEPADU





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Telephone No: +91 866 6460999 Fax No: +91 866 2844999

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Validated Spectrophotometric Determination of Fexofenadine using Acidic Dye in Bulk and Tablet Dosage Form" being submitted by D. B. D. Gayathri, Ms. Sk. Karishma Sulthana, Ms. M. Naga Lakshmi, Ms. Ch. Sai Prasanthi, Ms. Sd. Mubarak Fathima, and Ms. S. Mounika to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mrs. S. Archana, Asst. Professor, Dept. of Pharmaceutical Analysis and Quality Assurance.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date:

Place: Vija awada

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Prof. Dr. K. Padmalatha **Principal** PRINCIPAL

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PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU. VIJAYAWADA-520 108

ENKEPADU VIJAYAWADA 521 105

Mrs. S. Archana., M. Pharm Department of Pharmaceutical Analysis & Quality Assurance, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada-521108

#### CERTIFICATE

This is to certify that the dissertation entitled

is being submitted by Ms. D. B. D.

Gayathri, Ms. Sk. Karishma Sulthana, Ms. M. Naga Lakshmi, Ms. Ch. Sai Prasanthi, Ms. Sd. Mubarak Fathima, and Ms. S. Mounika to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in

Enikepadu, Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

> ENIKEPADU VIJAYAWADA

> > \* nam

Date: 08 04 17 Jule of Pho.

Place: Vijayayad

Mrs. S. Archana, M.Pharm, Research Supervisor

Dept.of Pharma Analysis Vijaya Institute of Pharamaceutica Sciences for Women

ENIKEPADU, VIJAYAWADA

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tte Sd. Mubarak Fathima, Sk. Karishma Sultana, M. Naga Lakshmi, S Mounika. D. Bala Durga Gayathri & Ch. Sai Prasanthi IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled

being submitted to

Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the Secretary, M.Pharm. Asst. Professor, Department of supervision of Pharmaceutical Analysis and quality Assurance.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

D. Bala Durga Gayathri Sk. Karishma Sulthana M. Naga Lakshmi Ch. Sai Prasanthi Sd. Mubarak Fathima S. Mounika

(137N1R0001): D. B. D. Gayathri (137N1R0017): Sk. Karishma Sulthara

(137N1R0021): M. Nagalakshmi (137N1R0037): CH Sai Prasanthi

(137N1R0053): Mubarak forthing

(137N1R0070): S. Houns Ka

Date: 08 04 17

Place: Vijayawada



VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 521 108

# ANTIANGIOGENIC ACTIVITY OF THE FLAVANOID IN PITHECELLOBIUM DULCE METHANOLIC LEAF EXTRACT USING HEN-CAM MODEL.

#### PROJECT SUBMITTED TO



Jawaharlal NehruTechnological University, Kakinada
In partial fulfillment of the requirement for the award of the degree
BACHELOR OF PHARMACY

#### Submitted by

R. MOUNIKA, M. ALEKYA, B. KRANTHI, V. VANI APARNA, S. BHARGAVI AND S. ANUSHA (2013 – 2017)

Under the Guidance of

Mrs. D. SANTHI KRUPA, M.Pharm

Assistant Professor



DEPARTMENT OF PHARMACOLOGY
VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN
Enikepadu, Vijayawada.

April, 2017



PRINCIPAL

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PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 105



#### VIJAYA INSTITUTE OF PHARMA CEUTICAL Enikepadu, VIJAYAWADA - 521 108 SCIENCES FOR WOMEN

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Telephone No: +91 866 6460999 Fax No. +91 866 2844999

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled the FlavanoidinPithecellobium "Antiangiogenicactivity methanolicleaf extractusing HEN-CAM Model isbeing submitted by Ms. R. Mounika, Ms. M. Alekya, Ms. B. Kranthi, Mrs. V. Vani Aparna, Ms. S. Bhargavi, and Ms. S. Anushato the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacyis a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mrs. D.SanthiKrupa, Asst., Professor, Department of Pharmacology.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

PRINCIPAL

VIJAYA INSTITUTE

Prof. Dr. K.Padmalatha

PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU, VIJAYAWADA - 521 108

Place: Vijayawada



VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOME ENIKEPADU VIJAYAWADA 521 10

Mrs. D. SANTHI KRUPA, M. Pharm.
Asst. Professor
Department of Pharmacology,
Vijaya Institute of Pharmaceutical Sciences for Women,
Enikepadu, Vijayawada-521108

This is to certify that the disseration entitled

Plant of the second of the sec

is being submitted by Ms. R. Mounika, Ms. M. Alekya, Ms. B. Kranthi, Mrs. V. Vani Aparna, Ms. S. Bhargavi, and Ms. S. Anushato the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in Enikepadu, Vijayawada.

The results presented in this thesis have not been submitted elsewhere for the award of anyother Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.

Mrs. D. Santhi Krupa M.Pharm,

Research Supervisor

Date:

Place: Vijayawada

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 52' 108

We, R. Mounika, M. Alekya, B. Kranthi, V. Vani Aparna, S. Bhargavi, and AnushaIV year B.Pharm students do hereby declare that the work embodin this thesis entitled

111 \ (

being submitted to Jawaharlal Nehru Technological University Kakinada, in partial fulfillment of the requirements for the award of degree of Bachelor of Pharmacy is the bonafide research work carried by us in "Vijaya Institute of Pharmaceutical Sciences for Wome Enikepadu, Vijayawada, under the supervision of Mrs. D. Santhi Krupa, I Professor, Department of Pharmacology.

We further declare that the results presented in this thesis have not be submitted elsewhere for the award of any other Degree or Diploma.

R.MOUNIKA(137N1R0008): R. Mounika

M. ALEKYA(137N1R0015): M. Alekya

B. KRANTHI (137N1R0029): B. Kranthi

V.VANI APARNA (137N1R0040): W. Jan Aparna

S. BHARGAVI(137N1R0052): Sissai Brangawi

S. ANUSHA (137N1R0078): S. Anusha

Date:

Place: Vijayawada





# DIABETIC NEPHROPROTECTIVE EFFECT OF SYZYGIUM AUROMATICUM OIL ON ALLOXAN INDUCED DIABETICNEPHROPATHIC RATS

PROJECT SUBMITTED TO



Jawaharlal NehruTechnological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### BACHELOR OF PHARMACY

Submitted by

G. SRAVANA TULASI, N. SRI KAVYA, S. SULOCHANA, K. SUVARNAMALA, G. JYOTSNA RANI, Y.RAMYA (2013 – 2017)

Under the Guidance of

Mr. A. JAYA RAMI REDDY, M.Pharm., (Ph.D).

Asso. Professor



DEPARTMENT OF PHARMACOLOGY

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN Enikepadu, Vijayawada.

April2017



ENKEPADU VIJAYAWADA 52' 10h



## VIJAYA INSTITUTE OF PHARMA CEUTICAL Enikopodu, VIJAYAWADA - 521 108 SCIENCES FOR WOMEN Telephone No. +91 866 6460999

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada e-mail: vijayapharmacyfw@gnail.com

Enikopodu, VIJAYAWADA – 521 108 Telephone No. +91 866 6460999 Fax No. +91 866 1844999 Annail vii avanharmaryfw@ganail con

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Diabetic Nephroprotective Effect Of Syzygiumauromaticum Oil On Alloxan Induced Diabeticnephropathic Rats" being submitted by Ms. G. Sravanatulasi, Ms. Sri kavya, Ms. S. Sulochana, Ms. K. Suvarnamala, Ms. G. Jyotsna Rani, Ms. Y.Ramyato Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacyis a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the supervision of Mr.A. JayaramiReddy, Assoc. Professor, Dept. of Pharmacology.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Prof. Dr. K.Padmalatha

Date: 08/4/17

Place:Vijayawada



VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 10:

Mr. A. Jayarami Reddy.,M. Pharm, (Ph.D) Assoc. Prof Department of Pharmacology, Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada-521108

#### **CERTIFICATE**

This is to certify that the disseration entitled

Nephroprotective Effect Of Syzygiumauromaticum oil On Alloxan

Induced Diabeticnephropathic Rats being submitted by Ms. G.

Sravanatulasi, Ms. Sri kavya, Ms. S. Sulochana, Ms. K. Suvarnamala, Ms. G.

Jyotsna Rani, Ms. Y.Ramyato the Jawaharlal Nehru Technological

University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in

Enikepadu, Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 

Pharmacy in accordance with the regulations of the University.

Mr. A. Jayarami Reddy, M. Pharm. (Ph.D)
Research Supervisor

Date: 4 - 49 Place: Vijayawada, JAYAWADA.

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 100

We.G. SravanaTulasi, N. Sri kavya, S. Sulochana, K. Suvarnamala, G. Jyotsna Rani, Y. RamyaIV year B. Pharm students do hereby declare that the work embodied in this thesis entitled Diabetic Nephroprotective Effect Of Syzygiumauromaticum Oil On Alloxan Induced Diabeticnephropathic Rats being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mr.A. Jayarami Reddy, Assoc. Professor, Department of Pharmacology.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

G. SravanaTulasi(137N1R0013):

N. Sri kavya (137N1R0014): N. Seitourja.

S. Sulochana (137N1R0043): S. Sulochana

K. Suvarnamala (137N1R0049): K. Swagnamala

G. Jyotsna Rani (137N1R0079): G Jyotsna Rans

\* 119MO

V. Ramya (137N1R0082): V. Ramya

Date:

Place: Vijayawada



# EVALUATION OF BACTERIAL RESISTANCE OF CEFADROXIL, CEPHALEXIN AGAINST GRAM POSITIVE AND GRAM NEGATIVE MICROORGANISMS

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

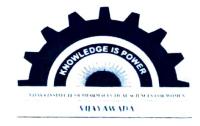
Submitted by

N. SRIHITHA, N. LIKHITHA, V. SOWMYA,
R. ANNAPOORNIMA, V. SOWJANYA, Md. SHAMEEMUNNISA.
(2013 – 2017)

Under the Guidance of

Mr. S. SUNDAR B. Pharm, M. Tech (Biotech), (Ph. D)

Asst. Professor



DEPARTMENT OF PHARMACEUTICAL BIOTECHNOLOGY

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Enikepadu, Vijayawada

APRIL, 2017







## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Primitted by Govt. of A.P., Approved by AICTE, New Delhi.

Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada

Enikepadu, VIJAYAWADA – 521 108 Telephone No: +91 866 6460999 Fax No: +91 866 2844999 e-mail: vijayapharmacyfw@gmail.com

## CERTIFICATE

This is to certify that the research work described in the thesis entitled "Evaluation of Bacterial Resistance of Cefadroxil, Cephalexin against Gram Positive and Gram Negative Microorganisms" being submitted by N. Srihitha, N. Likhitha, V. Sowmya, R. Annapoornima, V. Sowjanya, Md. Shameemunnisa to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enlkepadu, Vijayawada under the supervision of Mr. S. Sundar, Assistant Professor, Department of Pharmaceutical Biotechnology.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 8/4/

Place: Vijayawada

Prof. (Dr). K. Padmalatha

**Principal** 



VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN

SMILEPADU VIJAYAWADA 521 10P

B. Pharm, M. Tech (Biotech), (Ph. D) of Pharmaceutical Biotechnology, itute of Pharmaceutical Sciences for Women, Wilayawada-521108

#### **CERTIFICATE**

This is to certify that the dissertation entitled "Evaluation of Macterial Resistance of Cefadroxil, Cephalexin Against Gram Positive and Gram Negative Microorganisms" is being submitted by N. Srihitha, Likhitha. Sowmya, R. Annapoornima, Md. Shameemunnisa to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women," Vijayawada. The results presented in this is have not been submitted **Sewhere** for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

S. SUNDAR B. Pharm, M. Tech (Biotech), (Ph. D)

J. Sundaf

Date: 3/4/17/6 Place: Vijayawadag Research Supervisor

RINDIPA ENIKEPADU VIJAYAWAD

We N. Srihitha, N. Likhitha, V. Sowmya, R. Annapoornima, V. Sowjanya, Md. Shameemunnisa IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled "Evaluation of Bacterial Resistance of Cefadroxil, Cephalexin against Gram Positive and Gram Negative Microorganisms" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women". Enikepadu, Vijayawada, under the supervision of Mr. S. Sundar, B. Pharm, M. Tech (Biotech), (Ph.D)., Asst. Professor, Department of Pharmaceutical Biotechnology.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

N. Srihitha - (137N1R0024) - N. Brihitha.

N. Likhitha - (137N1R0036) - N. Likhitha

V. Sowmya - (137N1R0050) - N ·Soω mya.

R. Annapoornima - (137N1R0051) P. Annapornima

V. Sowjanya - (137N1R0066) V. sowjanya.

Md. Shameemunnisa - (137N1R0080) MD. Maineemunnisa

Date: 3-4-17

Place: Vijayawada



### "FORMULATION AND EVALUATION OF FEXOFENADINE BUCCAL MUCOADHESIVE PATCHES"

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree of

BACHELOR OF PHARMACY

Submitted by

A. H. L. B. SRAVYA, B. G. D. DEEPIKA, G. NAGA MANASA, M. SRUJANA, V. UMA, S. LAKSHMI TEJASWARI

(2013 - 2017)

Under the Guidance of

Mrs. Sk. ARIFA BEGUM, M. Pharm., (Ph. D.)

Assoc. Professor

Department of Pharmaceutics



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN Enikepadu, Vijayawada.

APRIL, 2017

ENIKEPADU





#### VIJAYA INSTITUTE OF PHARMACEUTICAL Endoquedo, VIJAYAWADA - 521 108 SCIENCES FOR WOMEN

Permitted by Govt of A.P., Approved by AICTE, New Delhi. Photmacy Council of India, New Delhi & Affiliated to JNTU Kakinada — e-mail: vijayapharmacyfw@gmail.com

Telephone No: +91 866 6469999 Fax No: +91 866 1844999

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Formulation and Evaluation of Fexofenadine Formulation Buccal Mucoadhesive Patches" being submitted by, A. H. L B. Sravya, B. G. D. Deepika, G. Naga Manasa, M. Srujana, V. Uma and S. Lakshmi Tejaswari to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide work carried out by them in Vijaya Institute of Pharmaceutical sciences for Women, Vijayawada under the guidance of Mrs. Sk. Arifa Begum, Associate Professor, Department of Pharmaceutics.

Prof. Dr. K. Padmalatha

**Principal** PRINCIPAL VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU, VIJAYAWADA - 521 108

Date: 10/4/17

Vijayawada

VIJAYA INSTITUT' PHARMACEUTICAL SCIENCES FOR WOME Mrs. SK. Arifa Begum, M. Pharm., (Ph. D.)

Assoc Prof
Department of Pharmaceutics.
Vijaya Institute of Pharmaceutical Sciences for Women,
Enikepadu, Vijayawada-521108

#### CERTIFICATE

This is to certify that the work embodied in this thesis entitled "Formulation and Evaluation of Fexofenadine Formulation Buccal Mucoadhesive Patches" being submitted by, A. H. L. B. Sravya, B. G. D. Deepika, G. Naga Manasa, M. Srujana, V. Uma and S. Lakshmi Tejaswari to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide work carried out by them in

under my guidance. The results incorporated in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.

Sk. duyBegum

Mrs. Sk. Arifa Begum

Dept. of Pharmaceutical
Vijaya Institute of Pharmaceutical
Sciences for Women
ENIKEPADU. VIJAYAWADA

Date:

Place: \

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maceutical

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 10P

We, A. H. L. B. Sravya, B. G. D. Deepika, G. Naga Manasa, M. Srujana, V. Uma and S. Lakshmi Tejaswari IV year B. Pharm students hereby declare that the work embodied thesis entitled "Formulation and Evaluation of Fexofenadine Formulation Buccal Mucoadhesive Patches" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by us in Vijaya Institute of Pharmaceutical sciences for Women, Vijayawada under the supervision of Mrs. Sk. Arifa Begum, M. Pharm., (Ph. D.), Assoc. Prof., Department of Pharmaceutics.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other Degree or Diploma.

: A.H. L.B. Srany A. H. L. B. Sravya (137N1R0022)

: B Ecipila B.G. D. Deepika (137N1R0028)

: Granaga Harrasa G. Naga Manasa (137N1R0041)

M. Srujana (137N1R0054) : M. Sryjana.

V. uma

V. Uma (137N) KOOSTYLICA :

Place: Vijayawada

: S. Cakshmidejesuff VIJAYA I PHARMACEUTICAL SCIENCES FOR WON ENKEPADU VIJAYAWADA

## IN-VIVO AND IN-VITRO ANTI INFLAMMATORY ACTIVITY OF ETHANOLIC AND ETHYLACETATE LEAVES EXTRACTS OF IPOMOEA SEPIARIA KOENIG EX. ROXB



#### PROJECT SUBMITTED TO

#### Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

M. SAI LAKSHMI, P. KRISHNA PRIYA,
M. RUPA DURGA DEVI, T. PRASANNA KUMARI,
B.V.T. TEJASWINI
(2013 – 2017)

#### Under the Guidance of

Dr. E. Tamil Jothi, M.Pharm., Ph. D Associate Professor Department of Pharmacology



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN Enikepadu, Vijayawada

APRIL, 2017



PRINCIPAL
VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 52' IUN



## VIJAYA INSTITUTE OF PHARMACEUTICAL Enikopadu, VIJAYAWADA - 521 108 SCIENCES FOR WOMEN

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Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada e-mail. vijayapharmacyfw@gmail.com

Enikepadu, VLJAYAWADA – 521 108 Telephone No: +91 866 6460999 Fax No: +91 866 2844999 e-mail, vii avanharmacytw@gmail.com

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled *In-vivo* and *in-vitro* anti inflammatory activity of ethanolic and ethylacetate leaves extracts of *Ipomoea sepiaria* keenig ex. Roxb being submitted by M. SAI LAKSHMI, P. KRISHNA PRIYA, M. RUPA DURGA DEVI, T. PRASANNA KUMARI, B.V.T. TEJASWINI to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada under the supervision of Dr. E.TAMIL JOTHI, Associate Professor, Department of Pharmacology.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 10/4/17

Place: Vijayawad

ENIKEPADU VIJAYAWADA

Prof. (Dr). K. Padmalatha

Principal

PRINCIPAL

VIJAYAINSTITUTE

MARMACEUTICAL SCIENCES OR WOMEN FRIREPADU, VIJAYAWAE A-520 108

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 108

Total Jothi, M. Pharm, Ph. D

Total From the Communication of Pharmacology,

Total tute of Pharmaceutical Sciences for Women,

Total Vijayawada-521108

#### **CERTIFICATE**

the certify that the dissertation entitled In-vivo and in-vitro anti inflammatory activity of and ethylacetate leaves extracts of Ipomoea sepiaria koenig ex. roxb is being boothed by M. SAI LAKSHMI, P. KRISHNA PRIYA, M. RUPA DURGA DEVI, PRASANNA KUMARI, B.V.T. TEJASWINI to the Jawaharlal Nehru Technological traversity, Kakinada, in partial fulfillment of the requirements for the award of the degree of Pharmacy is a bonafide research work carried out by them in Vijaya Institute of Pharmacoutical Sciences for Women, Vijayawada. The results presented in this is have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Date: 10/4/17

Place: Vijayaw

ENIKEPADU POLICE POLICE

ENIKEPADU COLENCES TO VIJAYAWADA. OT VIJAYAWADA.

Dr. E. Tamil Jothi, M.Pharm, Ph. D Research Supervisor

Dept. of Pharmaco'ogv Vijaya Institute of Pharmaco ca Sciences for Women ENIKEPADU, VIJAYAWADA

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 108

We M. Sai Lakshmi, P. Krishna Priya, M. Rupa Durga Devi, T. Prasanna Kumari, Tejanwini IV year B. Pharm students do hereby declare that the work embodied in this milited In-vivo and in-vitro anti inflammatory activity of ethanolic and ethylacetate extracts of Ipomoea sepiaria koenig ex. roxb being submitted to Jawaharlal Nehru landogical University, Kakinada, in partial fulfillment of the requirements for the award of degree of Bachelor of Pharmacy is the bonafide research work carried out by us in Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada, under the pervision of Dr. E. Tamil Jothi, Associate Professor, Department of Pharmacology. We lather declare that the results presented in this thesis have not been submitted elsewhere for the ward of any other Degree or Diploma.

M. Sai Lakshmi	(137N1R0011)	M. Sai Kalchmi
P. Krishna Priya	(137N1R0019)	- P.Krishna Prija
M. Rupa Durga Devi	(137N1R0060)	- M. Rupa Dunga Devi
T. Prasanna Kumari	(137N1R0068)	-T. Prasanna Kumani
B.V.T. Tejaswini	(137N1R0074)	- 13.4.T.Tejaswini-

Date:

Place: Vijayawag

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VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENKEPADU VIJAYAWADA 531 188

# ANALYTICAL RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULITANEOUS ESTIMATION OF ACECUOELNAC AND THIOCOLOHICOSIDE IN BULK AND PHARMACLUTICAL DOSAGE FORM



#### PROJECT SUBMITTED TO

Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

MASTER OF PHARMACY

IN

PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE

Submitted by

Ms. KOTA MOUNIKA Reg. No. 157N1S0401 (2015 – 2017)

Under the Guidance of

Mrs. S. ARCHANA., M.Pharm.

Asst. Professor

DEPARTMENT OF PHARMACEUTICAL ANALYSIS & QUALITY ASSURANCE

INDUSTRIAL HEAD Mr. Rajesh Kshirsagar Chief Technical Officer Micro Labs Ltd., Bangalore



INDUSTRIAL GUIDE Mr. Muralidhar C S DGM – AR & D Micro Labs Ltd., Bangalore



VIJAYA INSTITUTE OF PHARM CEUTICAL SCIENCES FOR WOMEN

Enikepadu Vijayawada

OF TOTOL A USU

une, 2017

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 522 109



## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Persontred by Gove of A.P., Approved by AICTE, New Delhi Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada Enikepadu, VIJAYAWADA - 521 108 Telephone No. +91 866 6460999 Fax No. +91 866 2844999 e-mail. vijayapbar*macyfw@gmail.com* 

### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "Analytical RP-HPLC Method Development and Validation for simultaneous estimation of Aceclofenac and Thiocolchicoside in bulk and pharmaceutical dosage form" being submitted by Ms. KOTA MOUNIKA to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis and Quality Assurance under the Academic guidance by Mrs. S.Archana., M.Pharm., and Industrial guidance by Mr. C S Muralidhar., DGM-AR & D is the bonafide work carried out by her at Micro Labs, Bangalore.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Prof. Dr. K. Padmalatha

PRINCIPAL
VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU, YIJAYAWADA - 521 198

Date:

Place: Vijayawada

ENIKEPADU VIJAYAWADA. 88

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PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 52' 108



(MICRO ADVANCED RESEARCH CENTRE)

58/3 SINGASANDRA POST, HOSUR ROAD, KUDLU, BANGALORE-560 068

Tel +91.80.2571 1938-8 Fax +91-80-2573 1937 email marc@microtabs in

#### CERTIFICATE

This is to certify that the work embodied in the thesis entitled "Analytical Method Development and Validation of Aceclofenac and Thiocolchicoside Tablets by RP-HPLC Method" being submitted by Ms. Kota Mounika, M.Pharmacy 2<sup>nd</sup> Year student to Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada, in partial fulfillment of the requirements for the award of the degree of Master of Pharmacy is a bonafide research work carried out by her in the laboratories of Micro Advanced Research Centre, a unit of Micro Labs Limited, Bangalore under my supervision.

In my opinion, this work has reached the standard fulfilling the partial requirements for the award of the degree of Master of Pharmacy in accordance with the regulations of the university.

Place:

Date:

Mr. Rajesh Kshirsagar Chief Technical Officer

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU VIJAYAWADA 57' 108

#### CERTIFICATE

This is to certify that the dissertation entitled "Analytical RP-HPLC Method Development and Validation for simultaneous estimation of Aceclofenac and Thiocolchicoside in bulk and pharmaceutical dosage form" is being submitted by Ms. KOTA MOUNIKA in partial fulfillment for the award of Master of Pharmacy in the department of Pharmaceutical Analysis and Quality Assurance to Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Micro Labs Ltd., Bangalore under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of Master of Pharmacy in accordance with the regulations of the University.

Mrs. S. Archana., M.Pharm.

Asst. Professor

Research Supervisor

Dept. of Pharma Analysis
Vijaya Institute of Pharamacouticat
Sciences for Women
EMPLOYANDO

Date: 20/7/14

Place: Vijayawada





l. K.Mounika student of M.Pharmacy bearing Regd. No. 157N180401 (2015-2017) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "Analytical RP-HPLC Method Development and Validation for simultaneous estimation of Aceclofenac and Thiocolchicoside in bulk and pharmaceutical dosage form" a bonafide work carried out by me under the guidance of Mrs. S. Archana, M.Pharm, Asst. Professor, Department of Pharmaceutical Analysis and Quality Assurance with the joint supervision of Mr. C S Muralidhar at Micro Labs Ltd., Bangalore and that the same is not copied from any thesis/project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

KOTA MOUNIKA

Date: 20/07/17

Place: Vijayawada.

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VIJAYA INSTITUTE
PHARMAGEUTICAL SCIENCES FOR WOMEN
ENIKEPADU VIJAYAWADA 521 108



### INDUSTRIAL TRAINING CERTIFICATE

This is certify that, Ms.Nuvvula Meghana D/o Nuvvula Rama Mohana rao from VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Vijayawada.Regd . No. 147N1R0009 indergone Industrial training in our Pharmaceutical Manufacturing init during the period from 20/04/2017 to 20/05/2017.

During this tenure she was trained in manufacturing of various ormulation. She has shown keen interest in learning & her observation evel is good. We wish her success in her furture endeavors.

K.S.N. MURTHY Cheif HR Admistrator















Date: 17.06.2017

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss. D.Dharani srividya, D/o D.Narendra kumar, B.Pharmacy student of Vijaya institute of pharmaceutical sciences for women, Enikepadu, Vijayawada has undergone 30 days Industrial Training for a period from 17.05.2017 to 16.06.2017.

She was trained in areas of Tablets, Capsules and Quality control Department.

We wish Dharani srividya good luck for future endeavors.

TRIVENI FORMULATIONS LTD.,

Kund

K.Naresh (Authorized Signatory)





VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU, VIJAYAWADA 521,108.

# Analog Labs Fanalytical Festing Laboratory & Fraining Centre

### CERTIFICATE OF TRAINING



Analog Labs

Analytical Testina Calibration of Training Centre

3rd Floor, Plot No. 86,

Near Venkateshwara Temple,

Prashanthi Nagar, Hyderabad. 500 072, IA.P.;

Phone. 9618252442

Instructor



PRINCIPAL
VIJAYA INSTITUTE OF
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADU, VIJAYAWADA 521 108

# SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY OF ACETANILIDE DERIVATIVES BY USING AROMATIC ALDEHYDES AND SULPHONAMIDE DERIVATIVES

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

#### Submitted by

A. Anusha, Abdul Ramceza, M. Geethika Sravanthi, P. Navya Sri,

S. Prancetha & V. Madhuri

(2012-2016)

Under the Guidance of

Mr. G. Muthu Bhupathi, M.Pharm., (Ph.D)

**Assistant Professor** 



VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN Enikepadu, Vijayawada

APRIL, 2016

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENKEPADU VIJAYAWADA 521 10R



#### VIJAYA INSTITUTE OF PHARMACEUTICAL Enikepadu, VIJAYAWADA - 521 108 SCIENCES FOR WOMEN

Permitted by Govt. of A.P. Approved by AICTE, New Delhi. Pharmacy Council of India, New Delhi & Affiliated to JNTU Kakinada — e-mail: vijayapharmacyfw@gmail.com

Telephone No +91 866 6460999 Fax No: +91 866 2844999

#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "Synthesis haracterization and Antimicrobial activity of Acetanilide derivatives using Aromatic aldehydes and Sulphonamide derivatives" being submitted by A. Anusha, Abdul Rameeza, M. Geethika Sravanthi, P.Navya Sri, S. Praneetha, V. Madhuri to the Vawaharlal Nehru Technological University, Kakinada, in the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under the super vision of Mr .G. Muthu Bhupathi, M.Pharm (Ph.D) Asst. Professor, in the Dept. of Medicinal Chemistry.

The results incorporated in this work have not been submitted to any other University or Institute for the ward of any degree.

> Prof. (Dr). K. Padmalatha PRINCIPAL VIJAYA INSTITUTE

PHARMACEUTICAL SCIENCES FOR WOMEN ENKEPADU, VIJAYAWADA - 521 108

Place: Enikepadu Vijayawad

ENKEPADU VIJAYAWADA 521 108



1

## VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Permitted by Govt. of A.P. Approved by AICTE, New Delhi.

Pharmacy Council of India. New Delhi & Affiliated to JNTU Kakinada

Enikep adu, VIJAY AWADA - 521 108 Telephone No: +91 866 6460999

Fax No: +91 866 2844999

e-mail: vijayapharmacyfw@gmail.com

#### **CERTIFICATE**

his is to certify that the research work described in the thesis entitled "Synthesis, haracterization and Antimicrobial activity of Acetanilide derivatives by using Momatic aldehydes and Sulphonamide derivatives" being submitted A. Anusha, Abdul Rameeza, M. Geethika Sravanthi, P. Navya Sri, S. Praneetha, V. Madhuri, to the Jawaharlal Nehru Technological University, Kakinada, in the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafied research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences Women", Enikepadu, Vijayawada. The results in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Mr. G. Muthu Bhupathi., M. Pharm (Ph. D)
Asst. Professor

Research Supervisor

Pales og . 0 4. 2016

en Enikepadu, Vijayawada



We. A. Anusho. Abdul Ramceza, M. Geethika Sravanthi, P. Navya Sri, S. Praneetha, V. Madhuri of IV year B. Pharm do here by declare that the work embodied in this thems entitled "Synthesis" (haracterization and Antimicrobial activity of Accianilide derivatives by using Aromatic aldehydes and Sulphonamide derivatives" being submitted to Jawaharlal Nehru Technological University, Kakinada in partial fulfilment of the requirement for the award of the degree BACHELOR OF PHARMACY is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women" Enikepadu, Vijayawada, under the supervision of Mr. G. Muthu Bhupathi, M. Pharm,(Ph.D)., Asst. Prof. Dept. of Medicinal Chemistry.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

A. Anusha (127NIR0001) - Anusha. A

Abdul Rameeza (127NIR0004) - A. Rameeza

M. Geethika Sravanthi (127NIR0022) - M. Geethika Gravanthi.

ENIKEPADU

P. Navya Sri (127NIR0030) - P. Navya Snj.

S. Prancetha (127N1R0044) - C prancetha

V. Madhuri (127NIR Madhuri

Date: 07-04-2016

Place: Enikepadu, Vijayawada.

VIJAYA INSTITUTE
PHARMACEUTICAL SCIENCES FOR WOMEN
ENIKEPADIL VIJAYAWADA 521 108

## **ASSESMENT OF SELF-MEDICATION AND CHRONIC DISEASESIN RANDOMLY SELECTED POPULATION**

A Project Submitted To



#### Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirements for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

Be Be THAHERA, M. ANUSHA, G. RODHAY, M. TEJASRI,
M. ALEKHYA, R. PADMASREE &N. TARANGINI
(2012 – 2016)

Under the Guidance of Mrs. D. SANTHI KRUPA, M. Pharm., Assistant Professor DEPARTMENT OF PHARMACOLOGY



DEPARTMENT OF PHARMACOLOGY
VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR
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Enikepadu, Vijayawada April, 2016

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#### **CERTIFICATE**

This is to certify that the research work described in this dissertation entitled ASSESMENT OF SELF-MEDICATION AND CHRONIC DISEASES IN RANDOMLY SELECTED POPULATION being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the award of the degree of BACHELOR OF PHARMACY is the bonafide research work carried out by Be BeThahera, M. Anusha, G. Rodhay, M. Tejasri, M. Alekhya, R. Padmasree& N. Taringiniin "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. D. Santhi Krupa, Asst. Prof., Dept., of Pharmacology.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Place: Enikepadu, Vijayawada.

Prof. (Dr). K. Padmalatha
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Mrs. D. SanthiKrupa, M. Pharm.,
Assistant Professor
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#### **CERTIFICATE**

This is to certify that the research work described in this dissertation entitled "ASSESMENT OF SELF-MEDICATION AND CHRONIC DISEASES IN RANDOMLY SELECTED POPULATION" being submitted to Jawaharlal Nehru Technological University, Kakinadain partial fulfillment of the award of the degree of BACHELOR OF PHARMACY is the bonafide research work carried out by Be BeThahera, M. Anusha, G. Rodhay, M. Tejasri, M. Alekhya, R. Padmasree& N. Taringiniin "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada.

I further declare that the results presented in this dissertation have not been submitted elsewhere for the award of any other degree or diploma.

D. SaniniKrupa Research Supervisor

Date: [6|5|16

Place:Enikepadu, Vijayawada



PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 521 108

We Be BeThahera, M. Anusha, G. Rodhay, M. Tejasri, M. Alekhya, R. Padamasree& N. Taringinistudents of IV year, B. Pharmacy do hereby declare that the work embodied in this dissertation entitled "ASSESMENT OF SELF-MEDICATION AND CHRONIC DISEASES IN RANDOMLY SELECTED POPULATION" being submitted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the award of the degree of BACHELOR OF PHARMACY is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. D. SanthiKrupa, Asst., Prof., Dept., of Pharmacology.

We further declare that the results presented in this dissertation have not been submitted elsewhere for the award of any other degree or diploma.

127N1R0002 Be Be Thahera Be Be Thahera

127N1R0005 M. Anusha M. Anusha

127N1R0013 G. Rodhay G. Rodhay

127N1R0021 M. Tejasri M. Tejasri

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127 N1R0023 M.Alekhya M. Alekhya

127N1R0033 R. Padmasree R. Padma Sree

127N1R006 N. Tarangini N. Topangini

Date:

Place: Vijayawada.



#### SYNTHESIS, CHARACTERIZATION AND EVALUATION OF STARCH ACETATE AS RATE CONTROLLING MATRIX FOR CONTROLLED RELEASE OF ACECLOFENAC

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

#### Submitted by

V. SRI RAJANI, B. RESHMA SRI, N. MARYCHAYAL, B. MADHAVI, N. LAKSHMI PRIYA & P. ANURADHA (2012 – 2016)

Under the Guidance of

Mr. S. VENKATESWARA RAO, M.Pharm., (Ph.D).
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#### **DEPARTMENT OF PHARMACEUTICS**

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Enikepadu, Vijayawada

March, 2016

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#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "Synthesis, Characterization and Evaluation of Starch Acetate as Rate Controlling Matrix for Controlled Release of Aceclofenac" being submitted by Ms. V. Sri Rajani, Ms. B. Reshma Sri, Ms. N. Marychayal, Ms. B. Madhavi, Ms. N. Lakshmi Priya and Ms. P. Anuradha to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them In "Vijaya Institute of Pharmaceutical Sciences for Women". Enikepadu, Vijayawada under the supervision of Mr. S. Venkateswara Rao, Sr. Asst. Professor, Dept. of Pharmaceutics.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: [1] 4 [15

Place, Kijayawada

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Aut. Prof Impartment of Pharmaceutics, Have Institute of Pharmaceutical Sciences for Women, Internating Vijayawada-521108

#### CERTIFICATE

This is to certify that the disseration entitled

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is being

MN B. Madhavi, Ms. N. Lakshmi Priya and Ms. P. Anuradha to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in

Enikepadu,

Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.

Date: 09/04/w/6

Place: Vijayawada



Mr. S. Venkateswara Rao,
Research, Supervisor

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ENKEPADU VIJAYAWADA 521

👫 Rajani, B. Reshma Sri, N. Marychayal, B. Madhavi, Mahmil Priya and P. Anuradha of IV year B. Pharm students do **Manager of the contract of th** 

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whillted to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Pharmacy** is the bonafide research work carried out by us in "Vlaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mr. S. Venkateswara Sr. Asst. Professor, Department of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

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B. Reshma Sri (127N1R0011): B' Reshma Sri

(127N1R0026): N. Mary Chayaby, N. Marychayal

B. Madhavi (127N1R0045): B. Madhavi

N. Lakshmi Priya (127N1R0063): N.Lakshmi priya

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Date: 09104/2018

Place: Vijayawada 3

P. Anuradha

P. Anuradhe

PHARMACEUTICAL SCIENCES FOR WOMER ENIKEPADU VIJAYAWADA 521 108

## **DESIGN** AND DEVELOPMENT OF METFORMIN **HYDROCHLORIDE** MICROSPHERES BY USING IONIC GELATION TECHNIQUE

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfilment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

Submitted by

Ms. Ch. Poojitha Sai, Ms. K. Manasa, Ms. T. Harika, Ms. K. Lalitha,

Ms. P. Poornima and Ms. P. Venkata Durga Devi

(2012-2016)

Under the Guidance of

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**April**, 2016

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#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled "DESIGN AND DEVELOPMENT OF METFORMIN HYDROCHLORIDE MICROSPHERES BY USING IONIC GELATION TECHNIQUE" being submitted by, Ch. Poojitha Sai, K. Manasa, T. Harika, K. Lalitha, P. Poornim and P. Venkata Durga Devi to the Jawaharlal Nehru Technological University, Kakinada, in the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them It I Java Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada, under the supervision of Mr. P. Sai Krishna, Asst. Professor, in the Dept. of Pharmaceutics.

Prof. (Dr). K. Padmalatha, M. Pharm., Ph. D.
Principal

Date: 04/04/16

Place: Enikepadu, Vijayawada.



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#### **CERTIFICATE**

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In my opinion this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

> Mr. P. Sai Krishna, M. Pharm., (Ph. D) Research Supervisor

Date:

Place: Enikepadu, Vijayawadd

VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR V ENIKEPADU VIJAYAWADA

We, Ch. Poojitha Sai, K. Manasa, T. Harika, K. Lalitha, P. Poornima and P. Venkata Durga Devi of IV year B. Pharm students do here by declare that the work embodied in this thesis entitled "DESIGN AND DEVELOPMENT OF METFORMIN HYDROCHLORIDE MICROSPHERES BY USING IONIC GELATION TECHNIQUE" being submitted to Jawaharlal Nehru Technological University, Kakinada in partial fulfilment of the requirement for the award of the degree BACHELOR OF PHARMACY is the bonafide research work carried out by us in Vijava Institute of Pharmaceutical Sciences for Women. Enikepadu, Vijayawada, under the supervision of Mr. P. Sai Krishna, Asst. Prof., Dept. of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

Ch. Poojitha Sai : (127N1R0012) Ch Popii Massi

K. Manasa : (127N1R0018) X. Manasa.

T. Harika : (127N1R0039) J. Harika

K. Lalitha : (127N1R0059) K. halitha

P. Poornima : (127N1R0064) P. Poosnima.

P. Venkata Durga Devi : (127N1R0068) P.V. Durga Devi

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Date: 07 04 20 ENIKEPADU VIJAYAWADA

Place: Enikepadu, Vijaya Kacij \* uau

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PHARMACOGNOSTICAL PHYTOCHEMICAL AND IN VITRO ANTIGLYCATION STUDIES ON THE LEAF EXTRACTS OF HIBISCUS MICRANTHUS LINN.

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

#### Submitted by

A. AMUKTA MALYADA, P. HARATHI, J. BEULAH, P. NAGA BINDU, R. SOWJANYA & M. ANUSHA.

(2012 - 2016)

Under the Guidance of

Mrs. M. VANI, M. Pharm (Ph.D)
Assistant Professor



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#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "Pharmacognostical, Phytochemical and in vitro antiglycation studies on the leaf extracts of Hibiscus Micranthus Linn." being submitted by Ms. A. Amukta Malyada, Ms. P. Harathi, Ms. J. Beulah, Ms. P. Naga Bindu, Ms. R. Sowjanya & Ms. M. Anusha to Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the regulrements for the award of the degree of Bachelor of Pharmacy is a bonaflde research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada under supervision of Mrs. M. Vani, Asst. Professor Department of Pharmacognosy.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 11/4/6

Prof. Dr. K. Padmalatha

PRINCIPAL VIJAYA INSTITUTE PHARMACEUTICAL SCIENCES FOR WOMEN ENIKEPADU VIJAYAWADA 521 168

HAMMACEUTICAL SCIENCES FOR WORLEA ENIKEPADU VIJAYAWADA 521 108 Mr. M. Vani, M. Pharm.

And Prof

Department of Pharmacognosy,

Viaya Institute of Pharmaceutical Sciences for Women,
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#### **CERTIFICATE**

Phytochemical and in vitro antiglycation studies on the leaf extracts of Hibiscus Micranthus Linn." is being submitted by Ms. A. Amukta Malyada, Ms. P. Harathi, Ms. J. Beulah, Ms. P. Naga Bindu, Ms. R. Suwjanya & Ms. M. Anusha to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in "Vijaya Institute of Pharmaceutical Sciences for Women," Vijayawada. The results presented in this thesis have not been submitted elsewhere for the award of any other Degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.

Date: 11/4/16

Place: Vijayawada



Mrs. M. Vani, M. Pharm.



tmukta Malyada, P. Harathi, J. Beulah, P. Naga Bindu, R. 🌃 🖟 M. Anusha IV year B. Pharm students do hereby declare that the work embodied in this thesis entitled "Pharmacognostical. hemical and in vitro antiglycation studies on the leaf extracts wens Micranthus Linn." being submitted to Jawaharlal Nehru In huological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada, under the supervision of Mrs. M. Vani, M.Pharm., Asst. Professor, Department of Pharmacognosy.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other Degree or Diploma.

A. AMUKTA MALYADA (127N1R0006): Andmukta Malyada

(127N1R0031): P. Harathi P. HARATHI

(127N1R0055): Beulah J J. BEULAH

(127N1R0069): P Naga Bindu. P. NAGA BINDU

(127N1R0073): K. Sowjang R. SOWJANYA

M. ANUSHA

armacoulican R0087): M Anusha

ENIKEPADU Date:

Place: Vijayawada PHARMACEUTICAL SCIENCES FOR WOME ENKEPADU VIJAYAWADA

#### VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATION OF VALACYCLOVIR IN TABLET DOSAGE FORM

PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

#### Submitted by

Ms. N. Vaishnavi, Ms. M. Esther Rani, Ms. K. Prasanna Lakshmi, Ms. V.V.P.S.S.N. Pravallika, Ms. A. Pallavi Deepthi & Ms. S. Durga Mounika

#### Under the Guidance of

Mr. Madhusudhana Reddy Induri, M. Pharm., (Ph.D)
Asst. Professor



Department of Pharmaceutical Analysis and Quality Assurance Vijaya Institute of Pharmaceutical Sciences for Women Enikepadu, Vijayawada-521108

April, 2016

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e-mail vijay opharmaryf#@gmail.com

#### CERTIFICATE

This is to certify that the research work described in the thesis entitled "VALIDATED UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATION OF VALACYCLOVIR IN TABLET DOSAGE FORM" being submitted by, Ms. Nalanchakravarthula Vaishnavi, Ms. Marla Esther Rani, Ms. Kodeboyena Prasanna Lakshmi, Ms. Voora V.P.S.S.N. Pravallika, Ms. Ala Pallavi Deepthi and Ms. Senagasetty Durga Mounika to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy in the Department of Pharmaceutical Analysis and Quality Assurance, under the guidance of Mr. Madhusudhana Reddy Induri Asst. Prof. is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada.

The results incorporated in this work have not been submitted to any other University or Institute for the award of any degree.

Date: 1) 4 / 16

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Prof. Dr. K. Padmalatha
PRINCIPAL
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#### CERTIFICATE

This is to certify that the dissertation entitled "VALIDATED **SPECTROPHOTOMETRIC METHOD FOR ESTIMATION** OFVALACYCLOVIR IN TABLET DOSAGE FORM" is being submitted by Ms. Nalanchakravarthula Vaishnavi, Ms. Marla Esther Rani, Ms. Kodeboyena Prasanna Lakshmi, Ms. Voora V.P.S.S.N. Pravallika, Ms. Ala Pallavi Deepthi and Ms. Senagasetty Durga Mounika in partial fulfillment for the award of Bachelor of Pharmacy in the department of Pharmaceutical Analysis and Quality Assurance to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by them at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of **Bachelor of Pharmacy** in accordance with the regulations of the University.

aceutical

Mr. Madhusudhana Reddy Induri, M. Pharm., (Ph.D)
Asst. Professor
Research Supervisor

Date: 11-04-2016/

Place: Vijayawada

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We, Ms. Nalanchakravarthula Vaishnavi, Ms. Marla Esther Rani, Ms. Kodeboyena Prasanna Lakshmi, Ms. Voora V.P.S.S.N. Pravallika, Ms. Ala Pallavi Deepthi and Ms. Senagasetty Durga Mounika students of B. Pharm IV year (2012-2016) of "Vijaya Institute of Pharmaceutical Sciences for Women", Enikepadu, Vijayawada do hereby UV"VALIDATED dissertation entitled declare the **SPECTROPHOTOMETRIC ESTIMATION** OFMETHOD FOR VALACYCLOVIR IN TABLET DOSAGE FORM" is a bonafide work carried out under the guidance of Mr. Madhusudhana Reddy Induri, M. Pharm., (Ph.D), Asst. Prof, Department of Pharmaceutical Analysis and Quality Assurance that the same is not copied from any thesis / project report.

We further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

Ms. Nalanchakravarthula Vaishnavi

[127N1R0025]: N.ch. Vaishnavi

Ms. Marla Esther Rani

[127N1R0052]: Either Ranim

Ms. Kodeboyena Prasanna Lakshmi

[127N1R0057]: K. Pilasanna

Ms. Voora V.P.S.S.N. Pravallika

[127N1R0081]: VOODIAN P.S.S.N Brava) Bika

Ms. Ala Pallavi Deepthi

[127N1R0083]: A Paravi desptie

Ms. Senagasetty Durga Mounika

[127N1R0086]: S Durga Mounista

Date:

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## ABSORPTION ENHANCEMENT STUDIES OF PANTOPRAZOLE BY USING VARIOUS ABSORPTION ENHANCERS

#### PROJECT SUBMITED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### **BACHELOR OF PHARMACY**

**Submitted by** 

K. Monika, P. Tejaswini, M. Lavanya, P. Lalitha & R. Prabhavathi (2012-2016)

Under the Guidance of

Dr. A.V. Badarinath, M. Pharm, Ph.D., Professor, Department of Pharmaceutics.



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April, 2016.

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This is to certify that the research work described in the thesis nitled "ABSORPTION ENHANCEMENT STUDIES OF ANTOPRAZOLE BY USING ABSORPTION ENHANCERS" being ubmitted by K. Monika, P. Tejaswini, M. Lavanya, P. Lalitha, and R. Prabhavathi to Jawaharlal Nehru Technological University, Kakinada, in the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafide research work carried out by them in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada under the super vision of Dr. A. V. Badarinath, Professor, Department of Pharmaceutics.

The results incorporated in this work have not been submitted to any other university or Institute for the award of any degree.

Prof. Dr. K. Padmalatha, M.Ph., Ph.D., Principal.

Date: 11 4 16

Place: Enikepadu, Vijayawada.



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#### CLRITEIC VIE

This is to certify that the research work described in the thesis entitled "ABSORPTION ENHANCEMENT STUDIES OF PANTOPRAZOLE BY USING ABSORPTION ENHANCERS" being submitted by K. Monika, P. Tejaswini, M. Lavanya, P. Lalitha, and P. Prabhavathi, to Jawaharlal Nehru Technological University, Kakinada, in the partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a bonafied research work carried out by them in Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada. The results in this thesis have not been submitted elsewhere for the award of any other degree.

In my opinion this work has reached the standard in fulfilling the partial requirements for the award of the degree of Bachelor of Pharmacy in accordance with the regulations of the University.

Dr. A. V. Badarinath, M. Pharm, Ph.D., Research Supervisor

Date: 11/4/16

Place: Enikepadu, Vijayawada.





We, K. Monika, P. Tejaswini, M. Lavanya, P. Lalitha and M. Prabhavathi of IV year B. Pharm do here by declare that the work embodied in this thesis entitled "ABSORPTION ENHANCEMENT STUDIES OF PANTOPRAZOLE BY **USING ABSORPTION** ENHANCERS" being submitted to Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirement for the award of the degree BACHELOR OF PHARMACY is the bonafide research work carried out by us in "Vijaya Institute of Pharmaceutical Sciences for Women" Enikepadu, Vijayawada, under the supervision of Dr. A. V. Badarinath, Professor, Department of Pharmaceutics.

We further declare that the results presented in this thesis have not been submitted elsewhere for the award of any other degree or diploma.

: K. Monika K. Monika (127N1R0020)

P. Tejaswini (127N1R0027)

: P.Tyaswini : M. Lavanyor. *M. Lavanya* (127N1R0061)

P. Lalitha (127N1R0070) : P. Lalille

R. Prabhavathi (127N1R0074): R. Prabhavathi

Date: 11 4/16

Place: Enikepadu, Vijayawada.



ENIKEPADU VIJAYAWADA 521 108

## FORMULATION AND EVALUATION OF FAST DISSOLVING OR ALTER MOF LEVOCITRAZINE DI HYDROCHLORIDE BY SOLVENT CASTING TECHNIQUE

#### PROJECT SUBMITTED TO



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfillment of the requirement for the award of the degree

#### MASTER OF PHARMACY In PHARMACEUTICS

Submitted by

Ms. R. JYOTHI Reg. No. 147N1S0307 (2014 – 2016)

Under the Guidance of

Mr. S. Venkateswara Rao, M. Pharm, (Ph.D)
Sr. Asst Professor
Department of Pharmaceutics



Vijaya Institute of Pharmaceutical Sciences for Women Enikepadu, Vijayawada- 521108

August, 2016

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#### **CERTIFICATE**

This is to certify that the research work described in the thesis entitled I ORMU I AIION AND EVALUATION OF FAST DISSOLVING OR ALLIM OF LEVOCITRAZINE DI HYDROCHLORIDE BY SOLVENT CASTING TECHNIQUE" being submitted by, Ms. R. JYOTHI to the Jawaharlal Nehru Technological University, Kakinada, in partial fulfillment of the requirements for the award of the degree of 'Master of Pharmacy' in the department of Pharmaceutics, under the guidance Mr. S. Venkateswara Rao Sr. Asst. Prof, is the bonafide work carried out by her at Vijaya Insitute of Pharmaceutical

been submitted to any other University or Institute for the award of any degree Sceinces For Women.

The results incorporated in this work have not.

Prof. Dr. K. Padmalatha
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Mr. S. Venkateswara Rao., M. Pharm.

St. Asst. Prof.
Department of Pharmaceutics,
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#### **CERTIFICATE**

This is to certify that the dissertaion entitled "FORMULATION AND ELALLATION OFFAST DISSOLVING **FILM** OFORAL LEVOCITRAZINE HYDROCHLORIDE BY SOLVENT CASTING TECHNIQUE" is being submitted by Ms. R. JYOTHI in partial fulfillment for the award of 'Master of Pharmacy' in the deparment of Pharmaceutics to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Master of Pharmacy' in accordance with the regulations of the University.

Mr. S. Venketeswara Rao, M. Pharm (Ph.D)

Sr. Asst Professor

Research Supervisor

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Date:

Place: Enikepada, Vijayawada

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I My self R. Jyothi student of M. Pharm second year bearing Regd. No. 14"N180307 (2013-2015) of "Vijaya Institute of Pharmaceutical Sciences for Women". Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "FORMULATION AND EVALUATION OF FAST DISSOLVING OR AL FILM OF LEVOCITRAZINE DI HYDROCHLORIDE BY SOLVENT CASTING TECHNIQUE" is a bonafide work carried out by me under the guidance of Mr. S. Venketeswara Rao, M. Pharm, (Ph.D) Sr. Asst. Prof. Dept of Pharmaceutics at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada and that the same is not copied from any thesis/project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

R. Jyothi

Ms. R. Jyothi

Date:

Place: Enikepadu, Vijayawada



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#### **CERTIFICATE**

This is to certify that the disseration entitled "FORMULATION AND EVALUATION OF FAST DISSOLVING ORAL FILM OF LEVOCITRAZINE HYDROCHLORIDE BY SOLVENT CASTING TECHNIQUE" is being submitted by Ms. R. JYOTHI in partial fulfillment for the award of 'Master of Pharmacy' in the department of Pharmaceutics to the Jawaharlal Nehru Technological University, Kakinada, is the bonafide work carried out by her at Vijaya Institute of Pharmaceutical Sciences For Women under my guidance. The results incorporated in this work have not been submitted to any other university or institute for the award of any degree.

In my opinion, this work has reached the standard in fulfilling the partial requirements for the award of the degree of 'Master of Pharmacy' in accordance with the regulations of the University.

Mr. S. Venketeswara Rao, M. Pharm(Ph.D)

Sr. Asst Professor

Research Supervisor

Vilaya Institute of Pharmaceutical
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Date:

Place: Enikepadu, Vijayay ado acculica

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1. My self R. Jyothi student of M. Pharm second year bearing Regd. No. 147NIS0307 (2013-2015) of "Vijaya Institute of Pharmaceutical Sciences for Women". Enikepadu, Vijayawada do hereby declare that the project dissertation entitled "FORMULATION AND EVALUATION OF FAST DISSOLVING ORAL FILM OF LEVOCITRAZINE DI HYDROCHLORIDE BY SOLVENT CASTING TECHNIQUE" is a bonafide work carried out by me under the guidance of Mr. S. Venketeswara Rao, M. Pharm, (Ph.D) Sr. Asst. Prof, Dept of Pharmaceutics at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada and that the same is not copied from any thesis/project report.

I further declare that the results presented in this work have not been submitted elsewhere for the award of any other degree.

R. Jyothi

Ms. R. Jyothi

Date:

Place: Enikepadu, Vijayawada



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ENIKEPADU VIJAYAWADA 521 108



Date: 31st May 2016

#### To whomsoever it may concern

This is to certify that Ms. BALA DURGA GAYATHRI DAMARLA, a B.Pharmacy student of VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada-521108, bearing Roll No. 137N1R0001 has undergone industrial training for a period of 30 days i.e. 02/05/2016 to 31/05/2016.

Ms. BALA DURGA GAYATHRI DAMARLA, was trained in the areas of BA/BE studies Method development, Validation and Study sample analysis. During the training we found her to be sincere and hard working.

We wish her all the best in her future endeavors

For AnaCipher Clinical Research Organisation

MANAGER-HR

ENIKEPADU VIJAYAWADA. 107

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31" May 2016. Hyderabad

#### INDUSTRIAL TRAINING CERTIFICATE

This is to certify that Ms. Mendem Sai Lakshmi of B. Pharmacy from Vijaya institute of Pharmaceutical Sciences for Women has successfully completed her industrial Training during 02<sup>nd</sup> May to 31<sup>st</sup> May 2016.

The training was undertaken by her in Analytical Research & Development department.

I hereby certify the training was satisfactory to the best of my knowledge and wishing her all the best.

Sincerely.

For ORTIN LABORATORIES LTD.

Authorised Singnatory. G. Venkata Ramana Managing Director

AND THE STATE OF T

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Date: 31st May 2016

#### To whomsoever it may concern

This is to certify that Ms. LAKSHMI BHAVANI DUNGA, a B.Pharmacy student of VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN, Enikepadu, Vijayawada-521108, bearing Roll No. 137N1R0020 has undergone industrial training for a period of 30 days i.e. 02/05/2016 to 31/05/2016.

Ms. LAKSHMI BHAVANI DUNGA, was trained in the areas of BA/BE studies Method development, Validation and Study sample analysis. During the training we found her to be sincere and hard working.

We wish her all the best in her future endeavors

For AnaCipher Clinical Research Organisation

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