

**ANALYSIS OF MILK BY INDUCTIVELY COUPLED PLASMA-  
OPTICAL EMISSION SPECTROSCOPY**

PROJECT SUBMITTED TO

**KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**BACHELOR OF PHARMACY**

SUBMITTED BY

**GADE.SIVA PARVATHI ((Y18BPH140001)  
HARSAN SUTHAR (Y18BPH140002)  
KAITHEPALLI. BADRINATH (Y18BPH140003)  
KAMINENI. RAVINDRANATH (Y18BPH140004)**

UNDER THE GUIDANCE OF

**Prof. A. SUNEETHA, M. Pharm, Ph. D.**

**Principal & H.O.D**

**DEPARTMENT OF PHARMACEUTICAL ANALYSIS.**



**KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES,  
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**August, 2022**



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E-mail: [kvsrscops.analysis@gmail.com](mailto:kvsrscops.analysis@gmail.com)

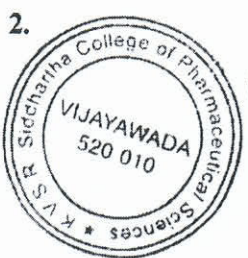
Web: [www.kvsrsiddharthapharma.edu.in](http://www.kvsrsiddharthapharma.edu.in)

**CERTIFICATE**

This is to certify that the project entitled "ANALYSIS OF MILK BY INDUCTIVELY COUPLED PLASMA – OPTICAL EMISSION SPECTROSCOPY" is a bonafide research work done by G. SIVAPARVATHI (Y18BPH140001), HARSAN SUTHAR (Y18BPH140002), K. BADRINATH (Y18BPH140003), K. RAVINDRANATH (Y18BPH140004) in partial fulfillment of the requirements for the award of degree of BACHELOR OF PHARMACY (B. PHARMACY). This project work was carried out under the guidance of Prof. A. SUNEETHA, M. Pharm, PhD, faculty of Department of Pharmaceutical Analysis at KOMMAREDDY VENKATA SADASIVA RAO SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES, VIJAYAWADA.

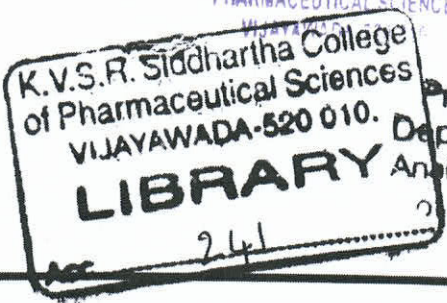
**EXAMINERS**

1.



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VIJAYAWADA



Principal, Professor & HOD  
Department of Pharmaceutical  
Analysis K.V.S.R. Siddhartha  
College of Pharmaceutical  
Sciences  
Vijayawada



FORMULATION AND CHARACTERIZATION OF LIPOSOMAL DRUG DELIVERY SYSTEM FOR ATORVASTATIN



A PROJECT REPORT SUBMITTED TO  
KRISHNA UNIVERSITY

In partial fulfillment for the award of the degree of

BACHELOR OF PHARMACY

PHARMCEUTICS DEPARTMENT

M.SRI RAHUL

P.APARNA

A.ANUHYA

ABHISHIKTA.T

A.PRASHANTHI

SUBMITTED BY

(Y18BPH140006)

(Y18BPH140007)

(Y18BPH140008)

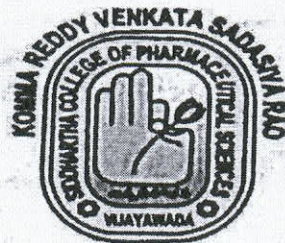
(Y18BPH140009)

(Y18BPH140010)

UNDER THE GUIDANCE OF

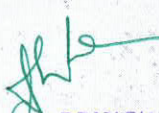
D.JYOTHIRMAYEE

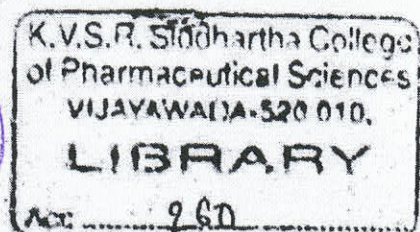
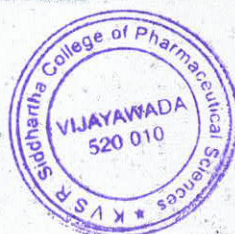
ASSOCIATE PROFESSOR



KOMMAREDDY VENKATA SADASIVA RAO SIDDHARTHA COLLEGE OF  
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This is to certify that the investigation described in this thesis entitled “*IN-VITRO* STUDIES FOR THE DEVELOPMENT OF NANOLIPOSOMAL ATORVASTATIN” being submitted to Krishna university by—M.SRI RAHUL , P.APARNA, A.ANUHYA, ABHISHIKTA.T, A.PRASHANTHI for the award of the degree of **BACHELOR OF PHARMACY**, carried out in the Department of Pharmaceutics, K.V.S.R Siddhartha College of Pharmaceutical Sciences, Vijayawada, India, under my supervision and guidance. This thesis work is original and has not been submitted earlier to any other university or institution in part or in full for the award of any degree or diploma.


  
Dr. D. JYOTHIRMAYEE,

(Associate Professor)

Examiners:

1.  
2.



  
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**VALIDATED RP-HPLC METHOD FOR THE  
SIMULTANEOUS ESTIMATION  
OF BEMPEDOIC ACID AND EZETIMIBE IN  
PLASMA**



**PROJECT REPORT SUBMITTED  
TO  
KRISHNA UNIVERSITY,  
Machilipatnam**

*In Partial Fulfillment of Requirement for the Award of Degree Of*

**BACHELOR OF PHARMACY.**

**UNDER THE GUIDANCE**

**OF**

**Dr. K. NAVEEN BABU M.PHARM, Ph.D.**

**PROFESSOR**

**DEPARTMENT OF PHARMACEUTICS & BIOTECHNOLOGY**

**SUBMITTED BY**

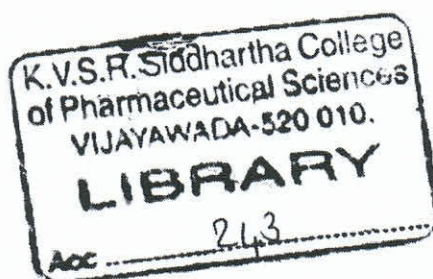
- A. SASIKANTH (Y18BPH140011)
- A. DHANYA SRI (Y18BPH140012)
- B. REVANTH (Y18BPH140014)
- B. POOJA SREE (Y18BPH140015)

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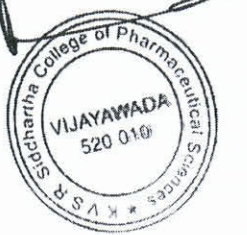
This is to certify that the dissertation work entitled "Validated RP-HPLC method for the simultaneous estimation of Bempedoic acid and Ezetimibe in human plasma" is the bonafide research work of A. Sasikanth, A. Dhanya Sri, B. Revanth, B. Pooja Sree students of final year B.Pharmacy under the guidance of Dr. K. Naveen Babu at KVSR Siddhartha College of Pharmaceutical Sciences ,Vijayawada , with regard to partial fulfilment requirements for the award of degree of Bachelor of Pharmacy during the Academic Year 2018 - 2022.


  
Dr. A. SUNEETHA,

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**"THE USE OF OVER -THE- COUNTER MEDICATIONS BY THE PHARMACY STUDENTS DURING EXAMINATIONS IN INDIA"**  
**THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM**



**IN PARTIAL FULFILLMENT**  
**THE REQUIREMENTS FOR THE AWARD OF DEGREE OF**  
**BACHELOR OF PHARMACY**  
**(B.PHARMACY)**

**RESEARCH WORK DONE BY**

<b>CH.SATHISH KUMAR</b>	<b>Y18BPH140016</b>
<b>CH.SUREKHA</b>	<b>Y18BPH140017</b>
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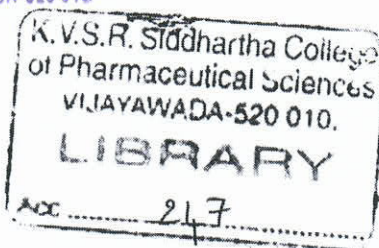
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**DESIGN AND EVALUATION OF GASTRO RETENTIVE  
DRUG DELIVERY SYSTEM OF METOPROLOL  
SUCCINATE FLOATING MATRIX TABLETS**

**PROJECT SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM**



**IN PARTIAL FULFILLMENT  
THE REQUIREMENTS FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY  
(B. PHARMACY)**

**RESEARCH WORK DONE BY**

**D. NAGA DEEPTHI  
D. ANUSHA  
G. RAHUL KRISHNA  
G. HARI KRISHNA**

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Y18BPH140022  
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**UNDER THE GUIDANCE OF  
Dr. G. RAMANA, M Pharm., PhD  
HEAD OF THE DEPARTMENT  
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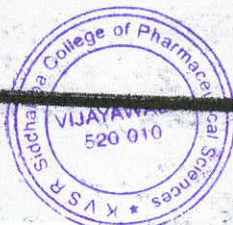


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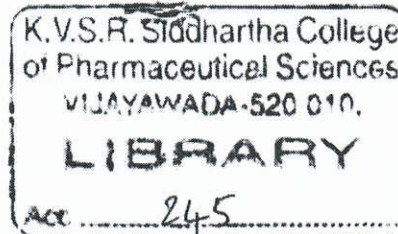
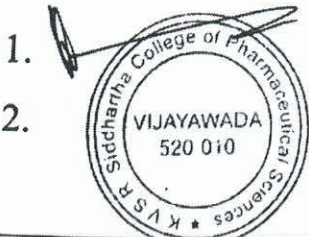
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PREPARATION AND EVALUATION OF EFFERVESCENT  
TABLETS OF CALCIUM BY USING EGG SHELL POWDER  
PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY



IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY

Submitted by  
GUDISEVA SUCHARITHA (Y18BPH140024)  
GUTTA SHILPA (Y18BPH140025)  
HARIDASU BHAVYASRI (Y18BPH140026)  
HARIPRIYA TADI (Y18BPH140027)

Under the guidance of  
Dr. A.BHARATHI  
ASSOCIATE PROFESSOR  
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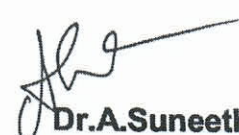
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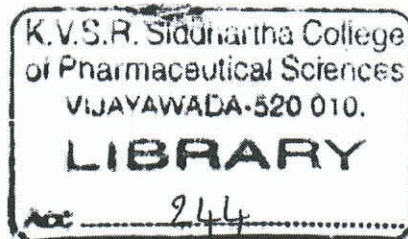
  
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1.

2.





**FORMULATION AND EVALUATION OF A POLY HERBAL  
HAND SANITIZER AND HAND WASH**



**PROJECT REPORT SUBMITTED TO  
KRISHNA UNIVERSITY**

**IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY**

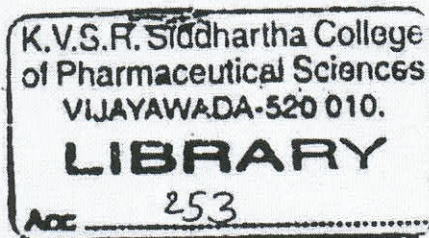
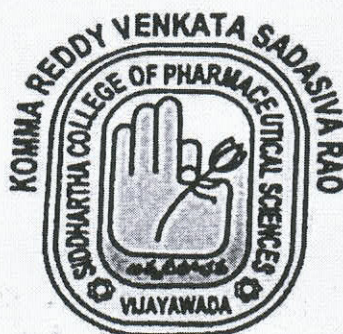
**Submitted by**

**Mr. JALLURI SIRI VENKATA SIDDHARTHA (Y18BPH140028)**  
**Mr. KADAPA MURALI KRISHNA (Y18BPH140029)**  
**Ms. KADAVAKOLLU VENKATA SAI PRIYA (Y18BPH140030)**

**Under the guidance of**

**Dr. VARICOLA KARUNA SREE**

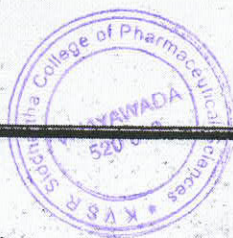
**ASSOCIATE PROFESSOR AND HEAD, DEPARTMENT OF  
PHARMACOGNOSY**



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2021-2022**

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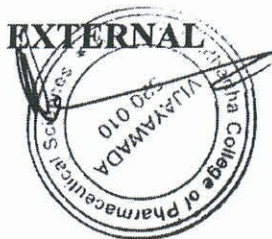


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This is to certify that the work described in this thesis entitled “**Formulation and Evaluation of a Poly Herbal Hand sanitizer and Hand wash**” is the bonafide research work of **JALLURI SIRI VENKATA SIDDHARTHA, KADAPA MURALI KRISHNA, KADAVAKOLLU VENKATA SAI PRIYA**, carried out in Pharmacognosy Laboratory of K.V.S.R. Siddhartha College of Pharmaceutical Sciences, Vijayawada, Andhra Pradesh, India.



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**Dr. V. Karuna Sree**  
**ASSOCIATE PROFESSOR & HOD.**  
Department of Pharmacognosy  
Associate Professor & HOD  
Department of Pharmacognosy  
KVSR Siddhartha College of  
Pharmaceutical Sciences  
Vijayawada - 520 010.



**ENHANCEMENT OF SOLUBILITY AND DISSOLUTION  
RATE OF SELECTED ANTI DIABETIC DRUG  
BY RECRYSTALLIZATION TECHNIQUE**

**Project Submitted to the Krishna University, Machilipatnam**



**In Partial Fulfillment of  
The Requirements for the Degree of B. Pharmacy**

**Research work done by  
K. HARIKA-Y18BPH140031  
K. ARAVIND SAI REDDY- Y18BPH140032  
K. LAKSHMI NARAYANA - Y18BPH140033  
K. KRISHNA TULASI - Y18BPH140034**

**Under the guidance of**

**Dr. T.P.RAO M. Pharm., Ph.D**


**Associate Professor**

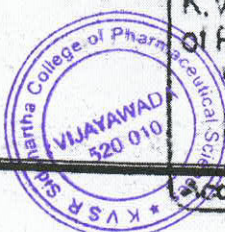
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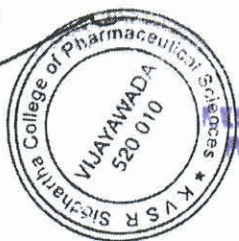
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Dr.T.P.RAO,  
PROJECT GUIDE

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- 1.
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Dr. T.P. Rao, M.Pharm, Ph.D,  
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**DEVELOPMENT AND EVALUATION OF A BIOACTIVE  
SYNBIOTIC EDIBLE FILM**



DISSERTATION SUBMITTED TO THE KRISHNA UNIVERSITY IN  
PARTIAL FULFILLMENT OF THE AWARD OF THE DEGREE OF  
BACHELOR OF PHARMACY

SUBMITTED BY:

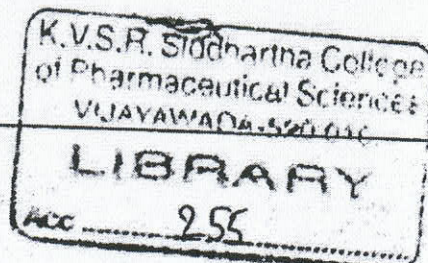
K.MANASA	Y18BPH140035
K.SRAVANI	Y18BPH140036
K. KRISHNAVENI REDDY	Y18BPH140037
K. KEERTHI DWARAKA	Y18BPH140038

Under the esteemed guidance of  
Dr. N. KANAKA DURGA DEVI M.Pharm., Ph.D  
Associate Professor  
Department of Pharmaceutics and Biotechnology



**KOMMAREDDY VENKATA SADASIVARAO  
SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES  
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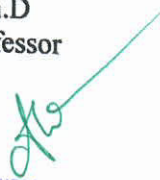


**CERTIFICATE**

This is to certify that this project report entitled "**DEVELOPMENT AND EVALUATION OF A BIOACTIVE SYNBIOTIC EDIBLE FILM**" is done by K.Manasa, K.Sravani, K.Krishnaveni Reddy, K.Keerthi Dwaraka, students of final year B. Pharmacy under the guidance of Dr. N. Kanaka Durga Devi- Associate Professor, at K.V.S.R Siddhartha College of Pharmaceutical sciences Vijayawada, with regard to partial fulfillment of requirements for the award of the degree of Bachelor of pharmacy during the period 2021-2022.



**Dr. N. Kanaka Durga Devi**  
M. Pharm., Ph.D  
Associate Professor



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**STABILITY INDICATING ANALYTICAL  
METHOD DEVELOPMENT AND VALIDATION  
FOR THE SIMULTANEOUS ESTIMATION OF  
NIRMATRELVIR AND RITONAVIR IN TABLET  
DOSAGE FORM**

**PROJECT SUBMITTED TO  
KRISHNA UNIVERSITY, MACHILIPATNAM**

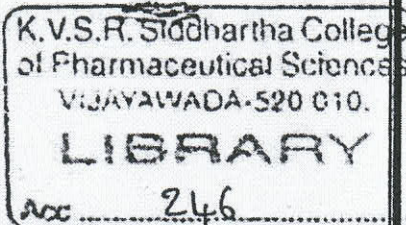


**In partial fulfillment of the requirements for the degree of  
BACHELOR OF PHARMACY**

**SUBMITTED BY**

<b>MR.KURANGI YOGESH</b>	<b>(Y18BPH140039)</b>
<b>MR.LAVURI SIVA NAGA RAJU</b>	<b>(Y18BPH140040)</b>
<b>MS.MANDA NAGAMANI</b>	<b>(Y18BPH140041)</b>
<b>MS.MANDAPAKA VASANTHI</b>	<b>(Y18BPH140041)</b>

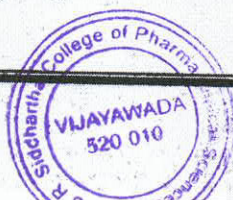
**UNDER THE GUIDANCE OF  
VIJAYA LAKSHMI MARELLA, M.Pharm, Ph. D.,  
Associate Professor  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS**



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**August, 2022**

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**Kommareddy Venkata Sadasiva Rao  
Siddhartha College of Pharmaceutical Sciences**

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E-mail: [kvsrsiddharthapharma@gmail.com](mailto:kvsrsiddharthapharma@gmail.com)

Web: [www.kvsrsiddharthapharma.edu.in](http://www.kvsrsiddharthapharma.edu.in)

**CERTIFICATE**

This is to certify that the dissertation entitled “ **STABILITY INDICATING ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF NIRMATRELVIR AND RITONAVIR IN TABLET DOSAGE FORM**” was carried out by Ms. Manda Nagamani (Y18BPH140041), Ms. Mandapaka Vasanthi (Y18BPH140042), Mr.Kurangi Yogesh (Y18BPH140039), Mr.Lavuri Siva Naga Raju (Y18BPH140040), under supervision of **Dr. M. Vijaya Lakshmi**, Associate Professor for the award of Degree of **Bachelor of Pharmacy**.

**Dr. Vijaya Lakshmi Marella, Associate Professor M.Pharm, Ph.D.,**

**Dr. VIJAYA LAKSHMI.M**  
ASSOCIATE PROFESSOR  
DEPT. OF PHARMACEUTICAL ANALYSIS  
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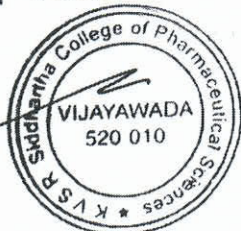
Place: *Vijayawada*

Date: *6-9-2022*

EXAMINERS

1.

2.



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VIJAYAWADA-520 010



**SYNTHESIS, CHARACTERISATION, INSILICO SCREENING AND  
EVALUATION OF SOME NOVEL PYRAZOLONE DERIVATIVES**

**PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY**



**IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY.**

Submitted by

**Mani Sai Raja Sri Nitish Jillella - (Y18BPH140043)**

**Meka Harsha Vardhan - (Y18BPH140044)**

Under the guidance of

**Dr. B. ANUPAMA M. Pharm, PhD.**

**Associate Professor & HOD**

**DEPARTMENT OF PHARMACEUTICAL CHEMISTRY.**



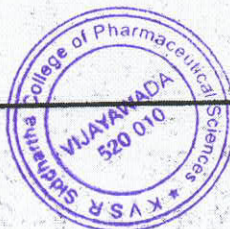
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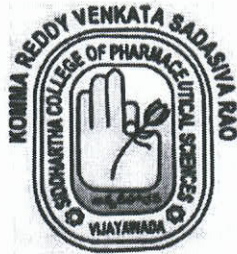
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VIJAYAWADA-520 010**





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PHARMACEUTICAL SCIENCES VIJAYAWADA-520010**



Certificate

This is to certify that the dissertation work entitled "synthesis, characterization, in silico screening and evaluation of some novel pyrazolone derivatives" is the Bonafide research work of Mani Sai Raja Sri Nitish Jillella and Meka Harsha Vardhan students of final year B Pharmacy under the guidance of **Dr. B. ANUPAMA** at KVSr Siddhartha college of pharmaceutical sciences ,Vijayawada , with regard to partial fulfillment of requirements for the award of degree of Bachelor of Pharmacy during the period of 2018 – 2022.

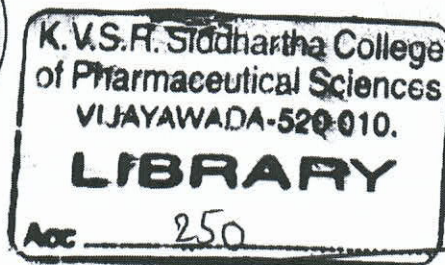
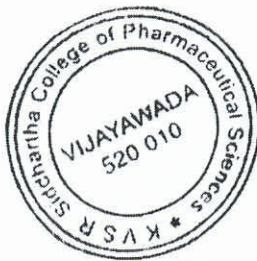
**Dr.A.SUNEETHA,**

Principal,

Professor &HOD , Dept of Pharm.Analysis,  
KVSr Siddhartha college of pharmaceutical sciences.

**EXTERNAL**

- 1.
- 2.



Principal, Professor & HOD  
Department of Pharmaceutical  
Analysis KVSr Siddhartha College  
of Pharmaceutical Sciences  
Vijayawada - 520 010

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VIJAYAWADA-520 010



**SYNTHESIS CHARACTERISATION COMPUTATIONAL STUDY OF NOVEL  
THIO-PYRIMIDINE DERIVATIVES**

**PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY**



**IN PARTIAL FULFILLMENT OF THE AWARD OF THE DEGREE OF  
BACHELOR OF PHARMACY.**

Submitted by

Mitta Keerthana - (Y18BPH140045)

Munjuluri Harshitha - (Y18BPH140046)

Under the guidance of

**Dr.B. ANUPAMA M . Pharm, Ph D.**

**DEPARTMENT OF PHARMACEUTICAL CHEMISTRY**

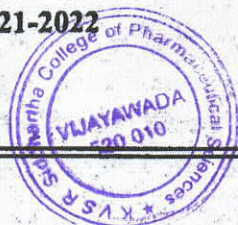


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**2021-2022**



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2021-2022



**CERTIFICATE**

This is to certify that the dissertation work entitled **SYNTHESIS CHARACTERISATION COMPUTATIONAL STUDY OF NOVEL THIO-PYRIMIDINE DERIVATIVES** is the bonafide research work of Ms. MITTA KEERTHANA (Y18BPH140045) MUNJULURI HARSHITHA (Y18BPH140046) students of final year B. Pharmacy under the guidance of Dr.B.AUNPAMA at KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada, with regard to partial fulfillment of requirements for the award of degree of Bachelor of Pharmacy during the period 2018-2022.

**Dr. A. Suneetha, M. Pharm., Ph. D.**

**Principal, Professor & HoD, Dept. of Pharmaceutical Analysis,**

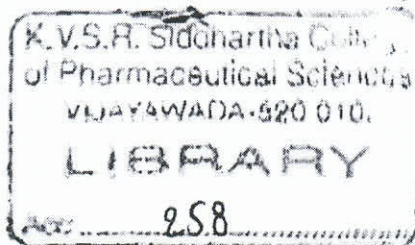
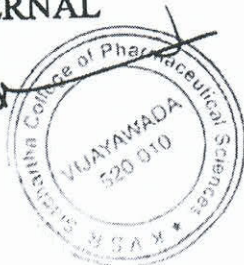
**KVSr Siddhartha College of Pharmaceutical Sciences.**

**Principal, Professor & HOD  
Department of Pharmaceutical  
Analysis KVSr Siddhartha College  
of Pharmaceutical Sciences  
Vijayawada - 520010**

EXTERNAL

1.

2.



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PHARMACEUTICAL SCIENCES  
VIJAYAWADA-520010**



IDENTIFICATION OF PHARMACOPHORE AND DESIGN OF SELECTIVE 5-HT<sub>2A</sub>  
RECEPTOR ANTAGONISTS

PROJECT REPORT SUBMITTED TO  
KRISHNA UNIVERSITY



IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY

Submitted by

Mutte Jahnvi Sri (Y18BPH140047)

Myneedu Kavya Sree (Y18BPH140048)

Nagayalanka Nagamani (Y18BPH140049)

Nallajeru Mounika (Y18BPH140050)

Under the guidance of

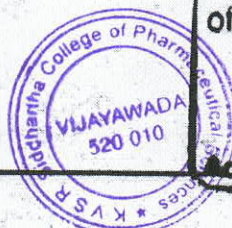
Dr. T. DEVADOSS M. S. (Pharm.), Ph. D.

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY



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**KOMMAREDDY VENKATA SADASIVA RAO SIDDHARTHA COLLEGE OF  
PHARMACEUTICAL SCIENCES VIJAYAWADA-520010**



**CERTIFICATE**

This is to certify that the dissertation work entitled "IDENTIFICATION OF PHARMACOPHORE AND DESIGN OF SELECTIVE 5-HT<sub>2A</sub> RECEPTOR ANTAGONISTS" is the bonafide research work of Mutte Jahnvi Sri, Myneedu Kavya Sree, Nagayalanka Nagamani, Nallajeru Mounika students of final year B. Pharmacy under the guidance of **Dr. T. Devadoss** at KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada, with regard to partial fulfillment of requirements for the award of degree of Bachelor of Pharmacy during the period 2018-2022.

Dr. A. Suneetha, M. Pharm., Ph. D.

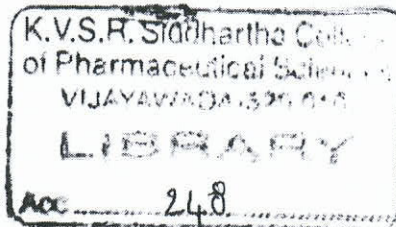
Principal, Professor & HoD, Dept. of Pharmaceutical Analysis,

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Department of Pharmaceutical  
Analysis KVSr Siddhartha College  
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SIMULTANEOUS ESTIMATION OF REMOGLIFLOZIN  
ETABONATE AND TENELIGLIPTIN BY UV-METHOD



DISSERTATION SUBMITTED TO THE KRISHNA UNIVERSITY IN  
PARTIAL FULFILLMENT OF THE AWARD OF THE DEGREE OF  
BACHELOR OF PHARMACY

SUBMITTED BY:

K.MOHAN RANGA BABU-Y18BPH140005

N.BHAVANA-Y18BPH140052

L.NEEHARIKA - Y18BPH140053

Under the esteemed guidance of

T.SARADA MRINALINI

M.Pharm,

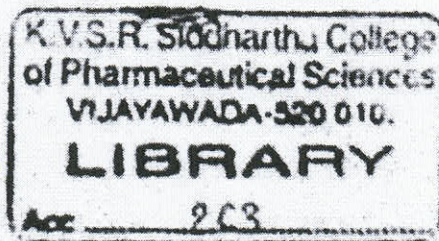
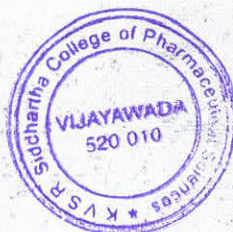
Associate Professor



KOMMAREDDY VENKATA SADASIVA RAO  
SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES  
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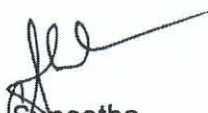
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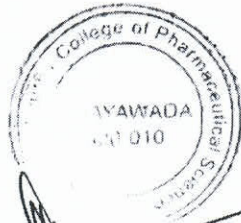


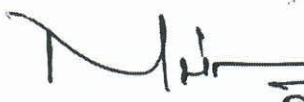
CERTIFICATE

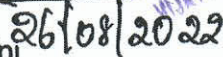
This is to certify that this project report entitled "SIMULTANEOUS ESTIMATION OF REMOGLIFLOZIN ETABONATE AND TENELIGLIPTIN BY UV-METHOD" is done by K.Mohan , N.Bhavana, L.Neeharika, students of final year B.Pharm under the guidance of T.Sarada Mrinalini- Assistant Professor, at K.V.S.R Siddhartha College of Pharmaceutical sciences Vijayawada, with regard to partial fulfillment of requirements for the award of the degree of Bachelor of pharmacy during the period 2021-2022.

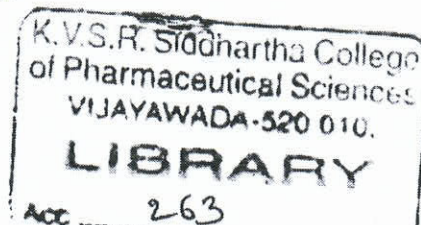
  
Dr.A.Suneetha,  
M.pharm, Ph.D.,  
Professor & Principal


Principal, Professor & HOD  
Department of Pharmaceutical  
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of Pharmaceutical Sciences  
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T.Sarada Mrinalini  
M.Pharm,  
Assosiate Professor

  
26/08/2022



  
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VIJAYAWADA-520 010



# DESIGN & *IN SILICO* EVALUATION OF N-SUBSTITUTED BENZAMIDES

*Project Report Submitted to*

KRISHNA UNIVERSITY, MACHILIPATNAM

IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY

Submitted by

Palli Ajay Kumar (Y18BPH140055)

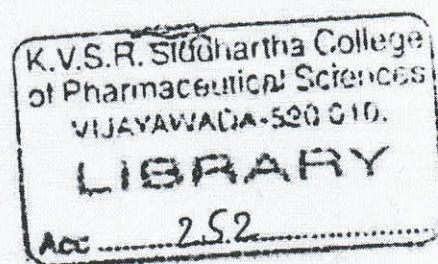
Pathakoti Vandana (Y18BPH140056)

Patibandla Sravani (Y18BPH140057)

Pavuluri Amar (Y18BPH140058)

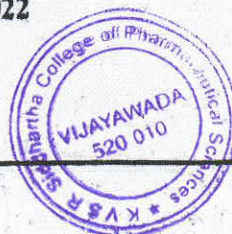
Under the guidance of

Dr. T. SARALA DEVI, M.Pharm, Ph.D  
Assistant Professor  
Department of Pharmaceutical Chemistry



KOMMAREDDY VENKATA SADASIVA RAO  
SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES  
VIJAYAWADA-520010, A.P, INDIA  
SEPTEMBER-2022

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This is to certify that the dissertation work entitled "**DESIGN & IN SILICO EVALUATION OF N-SUBSTITUTED BENZAMIDES**" is the bonafide research work of **Palli Ajay Kumar, Pathakoti Vandana, Patibandla Sravani, Pavuluri Amar**, students of final year B.Pharmacy under the guidance of **Dr.T.Sarala Devi** at KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada, with regard to partial fulfillment of requirements for the award of degree of Bachelor of Pharmacy during the period **2018-2022**.

**Dr. A. SUNEETHA,**  
Principal,  
Professor & HOD, Department of Pharm .Analysis,  
KVSR Siddhartha College of Pharmaceutical sciences.

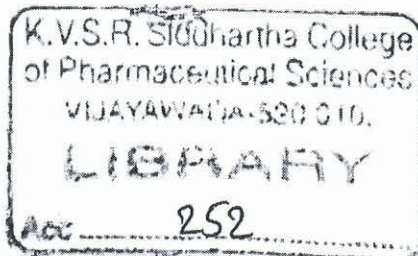
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- 1.
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Principal, Professor & HOD  
Department of Pharmaceutical  
Analysis KVSR Siddhartha College  
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Vijayawada - 520 010

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VIJAYAWADA-520 010





AN APPROACH TO FORMULATION AND EVALUATION OF  
*TINOSPORA CORDIFOLIA*

Project Submitted to Krishna University, Machilipatnam



In partial fulfillment of  
The requirement for the Degree of B. Pharmacy

Research work done by

P. DURGA BHAVANI	(Y18BPH140059)
P. S. S. RAAJITHA	(Y18BPH140060)
P. POOJITHA	(Y18BPH140061)

Under the guidance of

K. Anil Kumar


Assistant professor M. Pharm

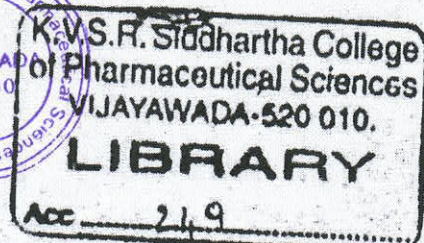
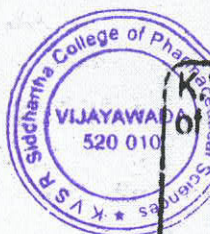


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**KOMMA REDDY VENKATA SADASIVA RAO**  
**SIDDARTHA COLLEGE OF PHARMACEUTICAL SCIENCES**


**VIJAYAWADA – 520 010**

**2021 – 2022**



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This is to certify that the project entitled “AN APPROACH TO FORMULATION AND EVALUATION OF *TINOSPORA CORDIFOLIA*” is the bonafide research work done by P. DURGA BHAVANI (Y18BPH140059) P.S.S. RAAJITHA (Y18BPH140060) P. POOJITHA (Y18BPH140061) in partial fulfillment of the requirements for the award of degree of B.Pharmacy. This project work was carried out under the guidance of K. Anil Kumar, Assistant Professor in the department of Pharmaceutics and Biotechnology at KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada.

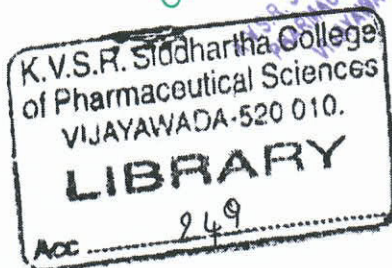
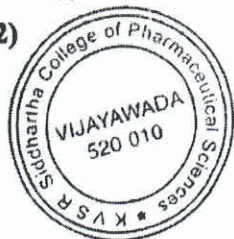
  
**Dr. A. SUNEETHA**  
PRINCIPAL

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VIJAYAWADA - 10, A.P. INDIA

**EXTERNAL**

1) 

2)







**Kommareddy Venkata Sadasiva Rao**

**SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES  
VIJAYAWADA - 10**

**“SCREENING OF EXCIPIENTS IN PARACETAMOL INDUCED  
HEPATOTOXICITY BY USING ISOLATED RAT HEPATOCYTES”**

**Thesis Submitted to**

**KRISHNA UNIVERSITY**

**IN PARTIAL FULFILMENT OF AWARD OF THE DEGREE OF**

**BACHELOR OF PHARMACY**

**Under the supervision of**

**Dr. Chunduru Nagabhushanam**

**Assistant Professor**

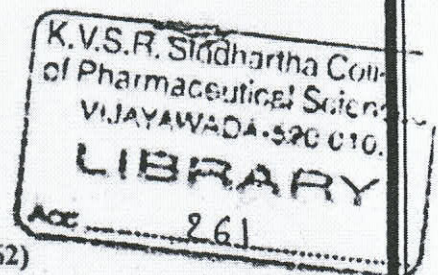
**Department of Pharmacology**

**Submitted By**

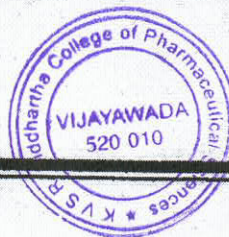
**PRAGADA DURGA KALYANI (Y18BPH140062)**

**RAAVI JASHWANTHI (Y18BPH140063)**

**SAYANA SAI NITHISH (Y18BPH140064)**



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K.V.S.R. SIDDHARTHA COLLEGE OF  
PHARMACEUTICAL SCIENCES  
VIJAYAWADA-520 010**





**Komma Reddy Venkata Sadasiva Rao**  
**SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES**  
**VIJAYAWADA -10**



**CERTIFICATE**

This is to certify that the following students of IV/IV B. Pharmacy of KVSR Siddhartha College of Pharmaceuticals Sciences has been carried out project work entitled **“SCREENING OF EXCIPIENTS IN PARACETAMOL INDUCED HEPATOTOXICITY BY USING ISOLATED RAT HEPATOCYTES”** for the partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy.

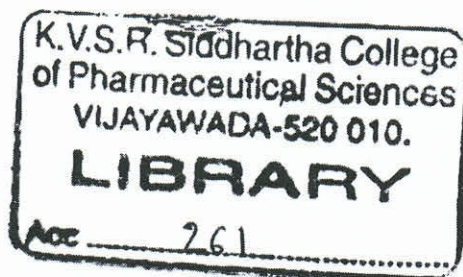
**List of Students:**

1. PRAGADA DURGA KALYANI (Y18BPH140062)
2. RAAVI JASHWANTHI (Y18BPH140063)
3. SAYANA SAI NITHISH (Y18BPH140064)

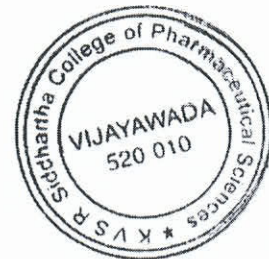
Professor & HOD  
Department of Pharmacy Practice  
KVSR Siddhartha College of  
Pharmaceutical Sciences  
VIJAYAWADA-520 010.

*Q. No. 4/19/22*  
**Dr. Chunduru Nagabhushanam**  
Assistant Professor

*Gur*  
**Dr. G. Vijay Kumar**  
Professor



*Dr. A. Suneetha*  
**Dr. A. Suneetha**  
Professor and principal  
PRINCIPAL  
K.V.S.R. SIDDHARTHA COLLEGE OF  
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VIJAYAWADA-520 010.





**“ESTIMATION OF ORGANOLEPTIC AND  
PHYSICOCHEMICAL PARAMETERS IN MINERAL WATER  
SAMPLE BY ICP –OES METHODS”**

**PROJECT SUBMITTED TO  
KRISHNA UNIVERSITY, MACHILIPATNAM**



**In partial fulfillment of the requirements for the degree of  
BACHELOR OF PHARMACY**

**SUBMITTED BY**

**SHAIK ANWAR SADIQ (Y18BPH140065)  
SHAIK BASHA (Y18BPH140066)  
SHAIK KARISHMA KOWSAR (Y18BPH140067)**

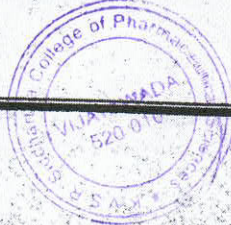
**UNDER THE GUIDANCE OF  
Dr. A. SUNEETHA, M.Pharm, Ph. D.,  
Professor and Principal  
Head. Dept. of Pharmaceutical Analysis**



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VIJAYAWADA- 520010**

**August, 2022**

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E-mail: [kvsrsiddharthapharma@gmail.com](mailto:kvsrsiddharthapharma@gmail.com)

Web: [www.kvsrsiddharthapharma.edu.in](http://www.kvsrsiddharthapharma.edu.in)

## CERTIFICATE

This is to certify that the dissertation entitled ““ESTIMATION OF ORGANOLEPTIC AND PHYSICO-CHEMICAL PARAMETERS IN MINERAL WATER SAMPLE BY ICP –OES METHODS” was carried out by Shaik Anwar Sadiq (Y18BPH140065), Shaik Basha (Y18BPH140066), Shaik Karishma Kowsar (Y18BPH140067), under my supervision for the award of Degree of Bachelor of Pharmacy.

**Dr. A. Suneetha, M.Pharm, Ph.D.,**  
Principal & Professor

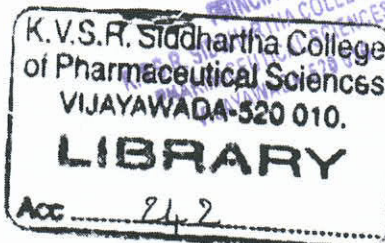
Principal, Professor & HOD  
Department of Pharmaceutics  
Analysis KVSr Siddhartha College  
of Pharmaceutical Sciences  
Vijayawada - 520010

Place:

Date:

EXAMINERS

- 1.
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# ANALYSIS OF TRACE ELEMENTS BY USING INDUCTIVELY COUPLED PLASMA-ATOMIC EMISSION SPECTROSCOPY

PROJECT SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM



IN PARTIAL FULFILLMENT  
THE REQUIREMENTS FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY  
(B. PHARMACY)

BY

SK. SAJANA Y18BPH140068

SK.SALAM Y18BPH140069

T. SRAVANTHI Y18BPH140070

UNDER THE GUIDANCE OF

Dr.SK.REEHANA, M. Pharm,Ph.D

DEPARTMENT OF PHARMACEUTICAL ANALYSIS

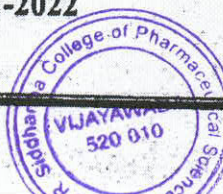


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KOMMAREDDY VENKATA SADASIWA RAO  
SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

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2021-2022

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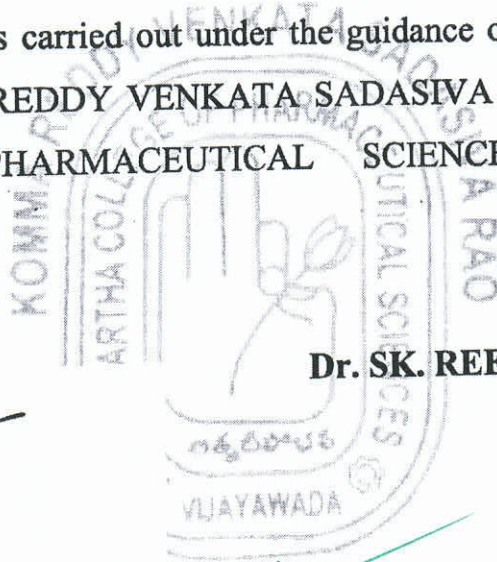
Affiliated to Krishna University, Machilipatnam  
Approved by AICTE, PCI, New Delhi and Govt. of Andhra Pradesh

E-mail: [kvsrscops.analysis@gmail.com](mailto:kvsrscops.analysis@gmail.com)

Web: [www.kvsrsiddharthapharma.edu.in](http://www.kvsrsiddharthapharma.edu.in)

## CERTIFICATE

This is to certify that the project entitled "ANALYSIS OF TRACE ELEMENTS BY USING INDUCTIVELY COUPLED PLASMA-ATOMIC EMISSION SPECTROSCOPY" is a bonafide research work done by SK.SAJANA (Y18BPH140068), SK. SALAM (Y18BPH140069), T.SRAVANTHI (Y18BPH140070) in partial fulfilment of the requirements for the award of degree of BACHELOR OF PHARMACY (B. PHARMACY). This project work was carried out under the guidance of faculty of Pharmacy Practice at KOMMAREDDY VENKATA SADASIVA RAO SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES KVS R SCOPS VIJAYAWADA.



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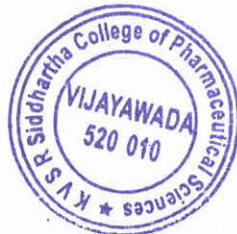
**Dr. SK. REEHANA, M.Pharm, Ph.D**  
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**INSILICO STUDIES ON THIADIAZOLE DERIVATIVES  
PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY**



**IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY**

Research work done by

**SUNKARA NIKHITHA - (Y18BPH140071)**

**TAMMINA CHANDRALEKHA - (Y18BPH140072)**

**THOTA MANI CHANDANA - (Y18BPH140073)**

Under the guidance of

**Dr. K. SARITHA, M.Pharm, PhD.,**

**Assistant Professor**

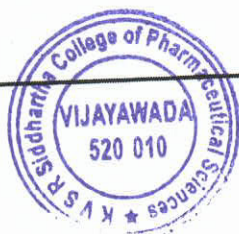
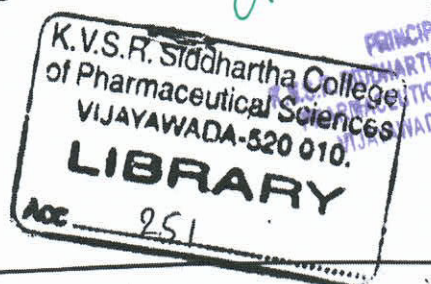
**DEPARTMENT OF PHARMACEUTICAL CHEMISTRY**



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OF PHARMACEUTICAL SCIENCES**

**VIJAYAWADA-520010**

**2021-2022**





**KOMMAREDDY VENKATA SADASIWA RAO SIDDHARTHA COLLEGE  
OF PHARMACEUTICAL SCIENCES**

**VIJAYAWADA-520010**

**2021-2022**



**CERTIFICATE**

This is to certify that the dissertation work entitled "**INSILICO STUDIES ON THIADIAZOLE DERIVATIVES**" is the bonafide research work of Sunkara Nikhitha, Tammina Chandralekha, Thota Mani Chandana, students of final year B.Pharmacy under the guidance of **Dr. K. Saritha** at KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada, with regard to partial fulfillment of requirements for the award of degree of Bachelor of Pharmacy during the period 2018-2022.

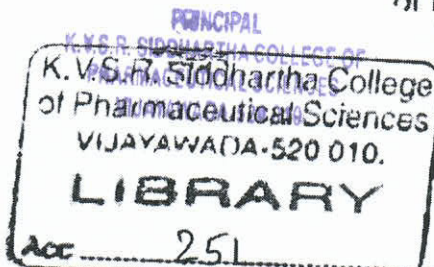
**Dr. A. SUNEETHA,**

**Principal,**

**Professor & HOD, Dept. of Pharmaceutical Analysis,  
KVSr Siddhartha College of Pharmaceutical Sciences.**

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- 1.
- 2.



Principal, Professor & HOD  
Department of Pharmaceutical  
Analysis KVSr Siddhartha College  
of Pharmaceutical Sciences,  
Vijayawada - 520010



**FORMULATION AND EVALUATION OF NEBIVOLOL HYDROCHLORIDE  
FAST DISSOLVING TABLETS BY USING NOVEL CO-PROCESSED  
EXCIPIENTS**

**PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY**



**IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY**

Research work done by

TUMU DIVYA SRI	-	(Y18BPH140074)
UPPULURI JAGADISH	-	(Y18BPH140075)
VEMUGUNTA NAGA VINEESHA	-	(Y18BPH140076)

Under the guidance of  
**Dr. K. RAVISHANKAR, M. Pharm, PhD.,**

**Assistant Professor**

**DEPARTMENT OF PHARMACEUTICS AND BIOTECHNOLOGY**

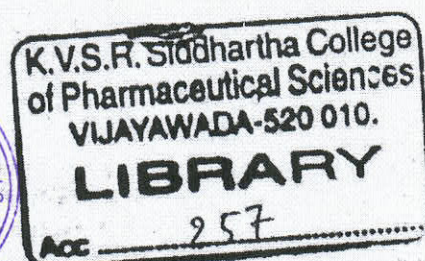
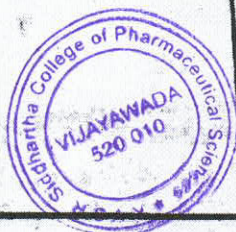


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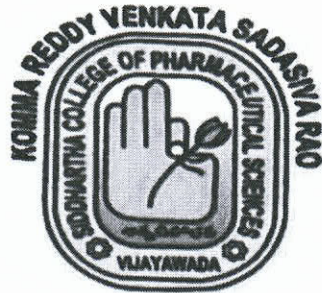
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This is to certify that the project entitled "Formulation and Evaluation of Nebivolol Hydrochloride Fast Dissolving Tablets by Using Novel Co-Processed Excipients" is a bonafide research work done by Tumu Divya Sri (Y18BPH140074), Uppuluri Jagadish (Y18BPH140075), Vemugunta Naga Vineesha (Y18BPH140076), in partial fulfillment of the requirements for the award of degree of B. Pharmacy. This project work was carried out under the guidance of Dr. K. RAVISHANKAR, Assistant Professor in the Department of Pharmaceutics and Biotechnology at KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.

Dr. G. Ramanaiah  
**Dr. G. RAMANAIAH**  
HOD M. Pharm, Ph.D, F.I.C  
HoD, Dept. of Pharmaceutics & Biotechnology  
K.V.S.R Siddhartha College of  
Pharmaceutical Sciences  
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Dr. A. Suneetha  
Principal  
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# EFFECT OF CURCUMIN ON DOXORUBICIN INDUCED NEPHROPATHY IN RATS

PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY



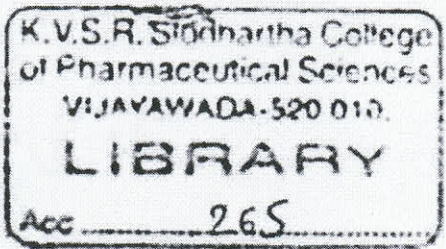
IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY.

Submitted by

- Venigalla Pallavi Chowdary - (Y18BPH140077)
- Venkata Bhumika Bandi - (Y18BPH140078)
- Vicharapu Naga Venkata Kalyan - (Y18BPH140079)

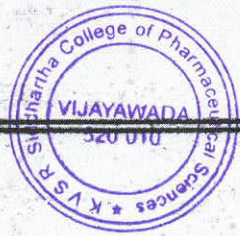
Under the guidance of

Sri . A.V.S. RAVI SAINADH ,M . Pharm, (Ph D.)  
DEPARTMENT OF PHARMACOLOGY.



KOMMAREDDY VENKATA SADASIVA RAO SIDDHARTHA COLLEGE OF  
PHARMACEUTICAL SCIENCES VIJAYAWADA-520010

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PHARMACEUTICAL SCIENCES  
VIJAYAWADA-520 010





**KOMMAREDDY VENKATA SADASIVA RAO SIDDHARTHA COLLEGE OF  
PHARMACEUTICAL SCIENCES VIJAYAWADA-520010**



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This is to certify that the dissertation work entitled “ **EFFECT OF CURCUMIN ON DOXORUBICIN INDUCED NEPHROPATHY IN RATS** ” is the bonafide research work of Venigalla Pallavi Chowdary , Venkata Bhumika Bandi and Vicharapu Naga Venkata Kalyan students of final year B . Pharmacy under the guidance of Sri . **A.V.S.Ravi Sainadh** at KVSr Siddhartha college of pharmaceutical sciences ,Vijayawada , with regard to partial fulfilment of requirements for the award of degree of Bachelor Of Pharmaceutical sciences during the period of 2018–2022.

  
Dr. A. SUNEETHA,

Principal,

Professor & HOD , Dept of Pharm.Analysis,

KVSr Siddhartha college of pharmaceutical sciences.

Principal, Professor & HOD

Department of Pharmaceutical

Analysis KVSr Siddhartha College

of Pharmaceutical Sciences,

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**“A COMPARATIVE STUDY OF INSULIN, SULFONYLUREA-  
METFORMIN COMBINATION AND METFORMIN ON HbA1C  
AND eGFR LEVELS”**

**PROJECT REPORT SUBMITTED**

**TO KRISHNA UNIVERSITY**



**IN PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF**

**BACHELOR OF PHARMACY**

**Submitted by**

**Vallabhaneni Malavika  
Yarrapothu Juhi Nirmala  
Yasaswitha Srujana Gannu**

**Y18BPH140080  
Y18BPH140081  
Y18BPH140082**

**Under the guidance of**

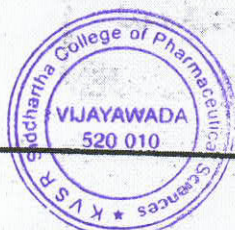
**Mrs. ANNE LAKSHMI PAVANI Pharm D  
Assistant Professor  
DEPARTMENT OF PHARMACY PRACTICE**



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**2021-2022**

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VIJAYAWADA-520 010**







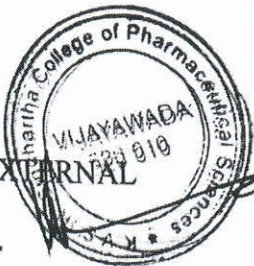
### CERTIFICATE

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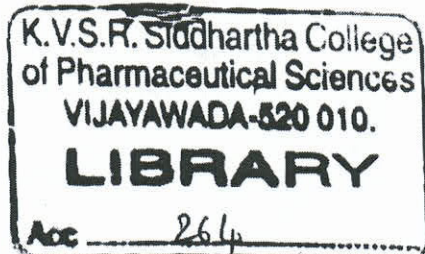
Principal, Professor & HOD  
Department of Pharmaceutical  
Analysis K.V.S.R. Siddhartha College  
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Vijayawada - 520010  
Dr. A. Suneetha, M.Pharm., Ph.D.

Principal,

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Professor & HoD, Dept. of Pharmaceutical Analysis,  
K.V.S.R. Siddhartha College of Pharmaceutical Sciences.



- 1.
- 2.





**“A PROSPECTIVE STUDY ON PRESCRIBING AND  
UTILIZATION OF ASTHMATIC DRUGS AMONG THE  
CHILDREN”**

PROJECT SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM



**IN PARTIAL FULFILLMENT  
OF THE REQUIREMENTS FOR THE AWARD OF DEGREE OF  
BACHELOR OF PHARMACY**

Research work done by

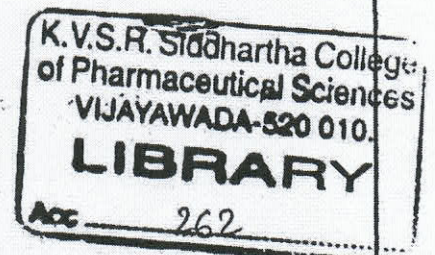
<b>Ms. Yendamuri Mounika</b>	<b>Y18BPH140083</b>
<b>Ms. Talluri Sravanthi</b>	<b>Y18BPH140084</b>
<b>Ms. Ummidi Deepika</b>	<b>Y18BPH140085</b>

Under the guidance of

**Mrs. ANNE LAKSHMI PAVANI, Pharm. D**

**Assistant Professor**

**DEPARTMENT OF PHARMACY PRACTICE**

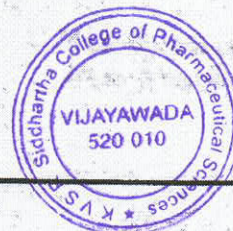


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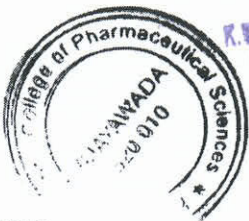
**CERTIFICATE**

This is to certify that the dissertation work entitled "A PROSPECTIVE STUDY ON PRESCRIBING AND UTILIZATION OF ASTHMATIC DRUGS AMONG THE CHILDREN " is the bonafide research work of Ms.Yendamuri Mounika (Y18BPH140083), Ms.Talluri Sravanthi (Y18BPH140084), Ms.Ummidi Deepika (Y18BPH140085) students of final year B. Pharmacy under the guidance of Mrs.Anne Lakshmi Pavani at KVSRR Siddhartha College of Pharmaceutical Sciences, Vijayawada, with regard to partial fulfillment of requirements for the award of degree of Bachelor of Pharmacy during the period 2018-2022.

Mrs. Anne Lakshmi Pavani, Pharm.D  
Assistant Professor,  
Department of Pharmacy Practice,

KVSRR Siddhartha College of Pharmaceutical Sciences

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**RP-HPLC METHOD DEVELOPMENT AND  
VALIDATION FOR THE SIMULTANEOUS  
ESTIMATION OF CABOTEGRAVIR AND  
RILPIVIRINE IN BULK AND PHARMACEUTICAL  
DOSAGE FORM**

**A Thesis Submitted To**

**KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**MASTER OF PHARMACY**

**SUBMITTED BY**

**MS. BOLLA YOGA PRIYANKA**

**(Y20MPA140001)**

**UNDER THE GUIDANCE OF**

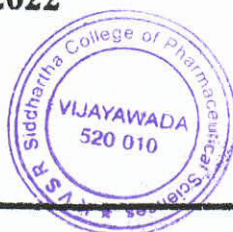
**DR. A. SUNEETHA, M.Pharm, Ph. D.,  
PRINCIPAL & HOD**

**DEPARTMENT OF PHARMACEUTICAL ANALYSIS**



**KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL  
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**August, 2022**



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Kommareddy Venkata Sadasiva Rao

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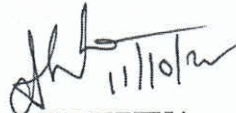
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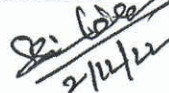
E-mail: [kvsrscops.analysis@gmail.com](mailto:kvsrscops.analysis@gmail.com) Web: [www.kvsrsiddharthapharma.edu.in](http://www.kvsrsiddharthapharma.edu.in)

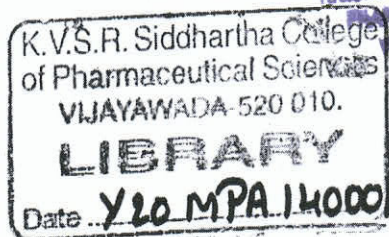
### CERTIFICATE

Certified that MS. BOLLA YOGA PRIYANKA (Y20MPA140001) has carried out the research work presented in this thesis entitled "RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF CABOTEGRAVIR AND RILPIVIRINE IN BULK AND PHARMACEUTICAL DOSAGE FORM" for the award of Master of Pharmacy from KVSR Siddhartha college of pharmaceutical sciences affiliated to Krishna university, Vijayawada under my supervision in the Department of Pharmaceutical Analysis. The thesis embodies results of original work, and studies are carried out by the student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution

  
Dr. A. SUNEETHA  
PRINCIPAL & HOD

Examiners:

1.   
2/12/22
- 2.





**DEVELOPMENT AND VALIDATION OF NEW  
ANALYTICAL METHOD FOR THE  
SIMULTANEOUS ESTIMATION OF  
SERDEXMETHYLPHENIDATE AND  
DEXMETHYLPHENIDATE IN  
PHARMACEUTICAL DOSAGE FORM**

**A Thesis Submitted To**

**KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**MASTER OF PHARMACY**

**SUBMITTED BY**

**MS. CHINTHALACHERUVU SRAVANI(Y20MPA140003)**

**UNDER THE GUIDANCE OF**

**VIJAYA LAKSHMI MARELLA, M. Pharm, Ph. D.,**

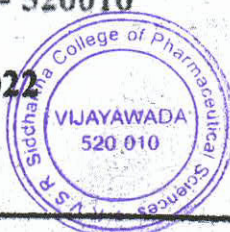
**Associate Professor**

**DEPARTMENT OF PHARMACEUTICAL ANALYSIS**



**KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES,  
VIJAYAWADA- 520010**

**August, 2022**



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**CERTIFICATE**

Certified that Ms. Chinthalacheruvu Sravani (Y20MPA140003) has carried out the research work presented in this thesis entitled "**DEVELOPMENT AND VALIDATION OF NEW ANALYTICAL METHOD FOR THE SIMULTANEOUS ESTIMATION OF SERDEXMETHYLPHENIDATE AND DEXMETHYLPHENIDATE IN PHARMACEUTICAL DOSAGE FORM**" for the award of **Master of Pharmacy** from KVSR Siddhartha College of Pharmaceutical Sciences affiliated to Krishna university, Vijayawada under my supervision in the Department of Pharmaceutical Analysis. The thesis embodies results of original work, and studies are carried out by the student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution

  
**Dr. Vijaya Lakshmi Marella**

Associate Professor

**Dr. VIJAYA LAKSHMI.M**  
ASSOCIATE PROFESSOR  
DEPT. OF PHARMACEUTICAL ANALYSIS  
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**ANALYTICAL METHOD DEVELOPMENT AND VALIDATION  
OF RELATED SUBSTANCES OF LANSOPRAZOLE 8.5%  
ENTERIC COATED PELLETS BY RP-HPLC**

**A Thesis Submitted To  
KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**MASTER OF PHARMACY**

**SUBMITTED BY**

**GARIMELLA HARIKA (Y20MPA140004)**

**UNDER THE GUIDANCE OF**

**Ms. T. Sarada Mrinalini, M.Pharm, (Ph.D)**

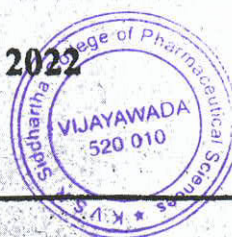
**Assistant Professor  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS**



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**August 2022**



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Kommareddy Venkata Sadasiva Rao

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Web: [www.kvsriddharthapharma.edu.in](http://www.kvsriddharthapharma.edu.in)

### CERTIFICATE

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(7/10/22)  
Ms. T. Sarada Mrinalini,

Assistant Professor

Examiners

1.

2.



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**ANALYTICAL METHOD DEVELOPMENT AND VALIDATION  
OF RELATED SUBSTANCES OF DAPSONE BY RP-HPLC**

**A Thesis Submitted To  
KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**MASTER OF PHARMACY**

**SUBMITTED BY**

**GUNDA LAVANYA (Y20MPA140005)**

**UNDER THE GUIDANCE OF**

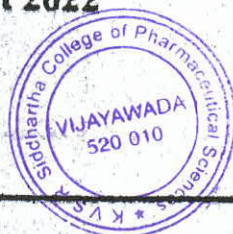
**Ms. T. Sarada Mrinalini, M.Pharm, (Ph.D)**

**Assistant Professor  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS**



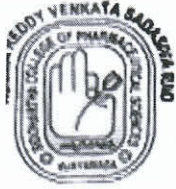
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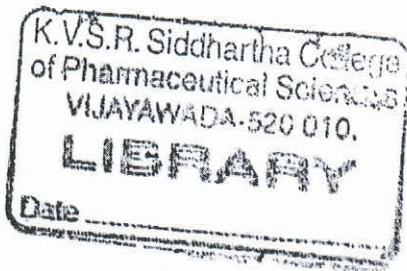
**CERTIFICATE**


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Ms. T. Sarada Mrinalini,

Assistant Professor

Examiners:  
1.   
2. 



  
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**NOVEL RP- HPLC METHOD  
DEVELOPMENT AND VALIDATION FOR  
SIMULTANEOUS ESTIMATION OF  
CLINDAMYCIN PHOSPHATE AND METHYL  
PARABEN IN TOPICAL GEL FORMULATIONS**

**A Thesis Submitted To  
KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**MASTER OF PHARMACY**

**SUBMITTED BY**

**JONNALAGADDA NAGA SRILAKSHMI(Y20MPA140006)**

**UNDER THE GUIDANCE OF**

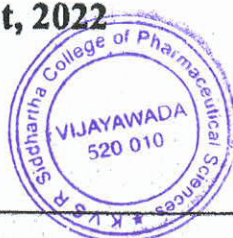
**DR. A. SUNEETHA, M. Pharm, PhD.,  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS**



**KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES,**

**VIJAYAWADA- 520010**

**August, 2022**



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**Kommareddy Venkata Sadasiva Rao**  
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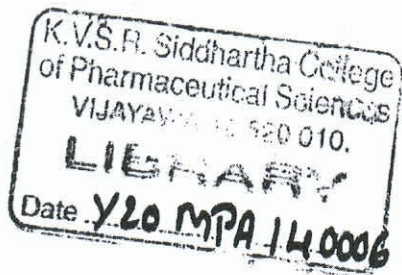
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**CERTIFICATE**

This is to certify that the dissertation entitled "NOVEL RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF CLINDAMYCIN PHOSPHATE AND METHYL PARABEN IN TOPICAL GEL FORMULATIONS" was carried out by Ms. JONNALAGADDA NAGA SRILAKSHMI (Y20MPA140006) under supervision of prof. Dr. A,SUNEETHA,PhD, Principal and HOD the award of Degree of Master of Pharmacy



  
**DR. A.SUNEETHA**

**Principal & HOD**  
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# DEVELOPMENT OF SENSITIVE ANALYTICAL METHOD AND ITS VALIDATION FOR THE ESTIMATION OF CHLORHEXIDINE GLUCONATE IN VARIOUS PHARMACEUTICAL FORMULATIONS

A Thesis Submitted To  
**KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**MASTER OF PHARMACY**

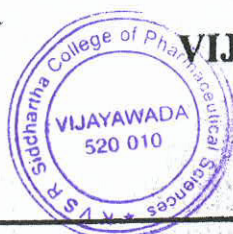
SUBMITTED BY

**KAGITA DIVYA (Y20MPA140007)**

UNDER THE GUIDANCE OF  
**VIJAYA LAKSHMI MARELLA, M. Pharm, Ph. D.,**  
Associate Professor  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS



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**CERTIFICATE**

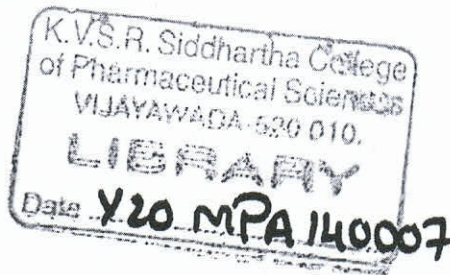
This is to certify that the dissertation entitled **“DEVELOPMENT OF SENSITIVE ANALYTICAL METHOD AND ITS VALIDATION FOR THE ESTIMATION OF CHLORHEXIDINE GLUCONATE IN VARIOUS PHARMACEUTICAL FORMULATIONS”** was carried out by Ms. Kagita Divya under supervision of **Dr. M. Vijaya Lakshmi**, Associate Professor for the award of Degree of Master of Pharmacy.

*A. Suneetha*  
**A.Suneetha**  
**Principal & HOD**

**K.V.S.R. SIDDHARTHA COLLEGE OF  
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VIJAYAWADA-520 010**

Place:

Date:





**DEVELOPMENT AND VALIDATION OF STABILITY  
INDICATING RP- HPLC METHOD FOR THE ESTIMATION  
OF FLUOROMETHOLONE IN OPHTHALMIC SUSPENSION  
FORM**

PROJECT SUBMITTED TO



**KRISHNA UNIVERSITY, MACHILIPATNAM**

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

**MASTER OF PHARMACY**

SUBMITTED BY

**N. KAVYA (Y19MPA140009)**

UNDER THE GUIDANCE OF

**Dr. Madhusudhan Reddy Induri**

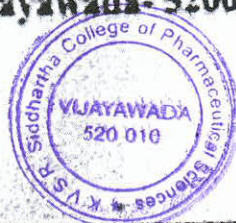
**Associate Professor**



**Department of Pharmaceutical Analysis**

**KVSR Siddhartha College of Pharmaceutical Sciences,**

**Vijayawada- 520010**



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# CERTIFICATE

This is to certify that the project work described in the thesis entitled "**DEVELOPMENT AND VALIDATION OF STABILITY INDICATING RP- HPLC METHOD FOR THE ESTIMATION OF LEVETIRACETAM IN ITS TABLET DOSAGE FORM**" being submitted by Ms. N.Kavya to the Krishna University, Machilipatnam in partial fulfilment of the requirements for the award of the degree of **Master of Pharmacy** in the Department of **Pharmaceutical Analysis**, under the guidance of **Dr. Madhusudhan Reddy Induri**, is the bonafide work carried out by her at **KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada.**

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



**Prof. Dr. G. Devala Rao**  
**M. Pharm., Ph.D., F.I.C.,**  
**HOD AND PRINCIPAL**  
**KVSR Siddhartha College of Pharmaceutical Sciences**  
**VIJAYAWADA- 520010, A.P. INDIA**

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VIJAYAWADA-520 010.

Date:

Place:





**STABILITY INDICATING RP-HPLC METHOD  
DEVELOPMENT AND VALIDATION FOR ESTIMATION OF  
APIXABAN IN PHARMACEUTICAL DOSAGE FORM**

**A Thesis Submitted To  
KRISHNA UNIVERSITY, MACHILIPATNAM**



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

**MASTER OF PHARMACY**

**SUBMITTED BY**

**MD.NAFEESA (Y20MPA140010)**

**UNDER THE GUIDANCE OF**

**Dr. A. SUNEETHA, M. Pharm, Ph. D.,**

**Principal, HOD**

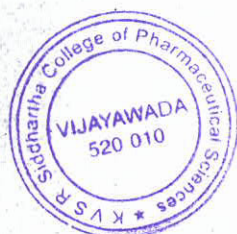
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**VIJAYAWADA- 520010**

**August, 2022**



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VIJAYAWADA-520 010**





**Kommareddy Venkata Sadasiva Rao**

**Siddhartha College of Pharmaceutical Sciences**

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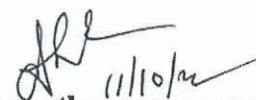
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E-mail: [kvscops.analysis@gmail.com](mailto:kvscops.analysis@gmail.com) Web: [www.kvsrsiddharthapharma.edu.in](http://www.kvsrsiddharthapharma.edu.in)

**CERTIFICATE**

Certified that **Ms. MD. NAFEESA (Y20MPA140010)** has carried out the research work presented in this thesis entitled **“STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF APIXABAN IN PHARMACEUTICAL DOSAGE FORM”** for the award of **Master of Pharmacy** from **KVSR Siddhartha College of Pharmaceutical Sciences** affiliated to **Krishna University, Machilipatnam** under the guidance of **Dr. A. Suneetha Principal, HOD** in the **Department of Pharmaceutical Analysis**. The thesis embodies results of original work, and studies are carried out by the student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution



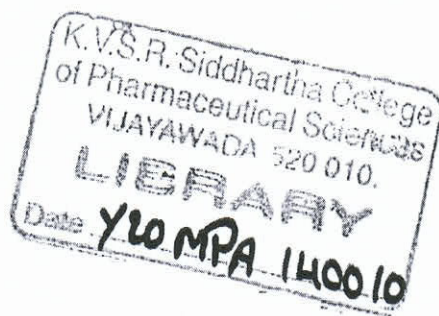
  
**Dr. A. Suneetha, M.Pharm, Ph.D.**

**HoD, Professor & Principal**

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**VIJAYAWADA-520 010**

**Examiners:**

- 1.
- 2.





FORMULATION DEVELOPMENT AND IN-VITRO  
EVALUATION OF NICARDIPINE HYDROCHLORIDE  
CAPSULES 30MG

PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY,  
MACHILIPATNAM



IN PARTIAL FULFILLMENT OF AWARD OF THE DEGREE OF  
MASTER OF PHARMACY IN PHARMACEUTICS

Submitted by

**A. KIRAN KUMAR**, B. Pharm  
(Reg No-Y20MPH140001)  
2022

Under the guidance of

ACADEMIC GUIDE:

**DR.D.JYOTHIRMAYEE,**  
M. Pharm., Ph.D.

INDUSTRY GUIDE

**DR. G. KAMALAKAR,**  
M. Pharm., Ph.D.

**K.V.S.R SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES**

Vijayawada-520 010, Andhra Pradesh, India



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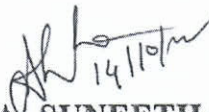


K.V.S.R SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES  
VIJAYAWADA, ANDHRA PRADESH, INDIA-520 010



CERTIFICATE

It is to certify that the dissertation work entitled "FORMULATION DEVELOPMENT AND IN-VITRO EVALUATION OF NICARDIPINE HYDROCHLORIDE CAPSULES 30MG" is the bonafide research work of Kiran Kumar student of M.Pharmacy under the guidance of D.Jyothirmayee, Pharm., PhD. and, DR. G. KAMALAKAR, HETERO LABS LIMITED Unit 3 Formulation R&D Jeedimetla Hyderabad district Telangana.

  
14/10/20  
Dr. A. SUNEETHA,  
Principal,

Professor & HOD, Dept of Pharm. Analysis,  
KVSR Siddhartha College of pharmaceutical sciences

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INTERNAL





**ENHANCEMENT OF SOLUBILITY AND DISSOLUTION RATE OF  
GLIPIZIDE BY RECRYSTALLIZATION TECHNIQUE**

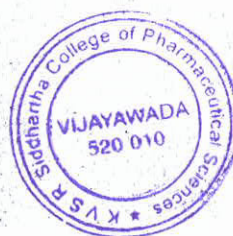
**Dissertation submitted to  
KRISHNA UNIVERSITY  
MACHILIPATNAM, AP, INDIA**  
In partial fulfilment for the award of the degree of  
**MASTER OF PHARMACY  
IN  
PHARMACEUTICS**



By  
**KOMMAREDDY JYOTHSNA, B.pharm**  
(Y20MPH14002)

Under the supervision of  
**DR.TP.RAO**  
Associate professor

**KVSR SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES  
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*Handwritten signature in green ink*  
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PHARMACEUTICAL SCIENCES  
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## CERTIFICATE

This is to certify that the research work described in this thesis is the bonafide research work of Ms. Kommareddy Jyothsna , B.pharmacy, carried out in the Department Of Pharmaceutics and Biotechnology, KVSR Siddhartha College Of Pharmaceutical Sciences, Vijayawada, INDIA.

*Dr. G. Ramana Reddy*  
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VIJAYAWADA-520 010.



FORMULATION DEVELOPMENT OF GLUCOSAMINE HYDROCHLORIDE ORAL LIQUID  
Dissertation work submitted to



**Krishna University, Machilipatnam, A.P.**

*In partial fulfillment for the award of degree of*

MASTERS OF PHARMACY

IN

PHARMACEUTICS

BY

**KOLISETTY LAKSHMI SAI MOUNIKA, B.Pharm**

REG NO: Y20MPH140003

Under the esteemed guidance of

**Dr.A.BHARATHI**

Department of pharmaceutics& Biotechnology



K.V.S.R Siddhartha college of Pharmaceutical Sciences

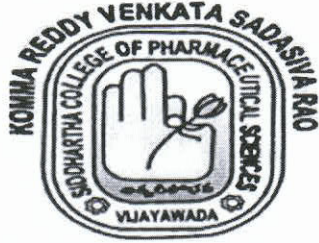
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2022



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PHARMACEUTICAL SCIENCES  
VIJAYAWADA-520 010.



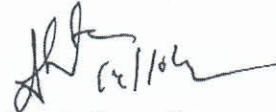


### CERTIFICATE

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Dr. A. Suneetha

**Principal**  
PRINCIPAL  
K.V.S.R. SIDDHARTHA COLLEGE OF  
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VIJAYAWADA-520 010.



**OPTIMIZATION OF TELMISARTAN TABLET  
FORMULATION BY 3<sup>2</sup> FACTORIAL DESIGN**

**BY**

**MUNNANGI SUKANYA, B. Pharm  
(REG NO: Y20MPH140004)**



**Under the supervision of**

**Dr. K. RAVI SHANKAR, PhD**

**Assistant Professor**

**Department of Pharmaceutics**

**K.V.S.R Siddhartha College of Pharmaceutical Sciences**

**Vijayawada-520010, AP, INDIA**

**THESIS SUBMITTED TO**

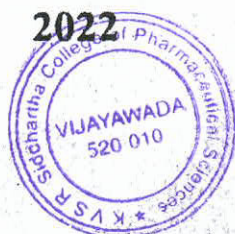
**KRISHNA UNIVERSITY**


**IN PARTIAL FULFILLMENT OF AWARD OF THE DEGREE OF**

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICS**



  
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VIJAYAWADA-520 010.**





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VIJAYAWADA-520 010



FORMULATION AND EVALUATION OF ANTI-COAGULANT  
MODIFIED RELEASE PELLETS

PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY,  
MACHILIPATNAM



IN PARTIAL FULFILLMENT OF AWARD OF THE DEGREE OF  
MASTER OF PHARMACY IN PHARMACEUTICS

Submitted by  
Nandyala Navya Sri Vani,  
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(Reg No-Y20MPH140005)  
2022

Under the guidance of

  
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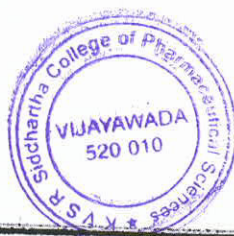
**Dr. G RAMANA REDDY**

M. Pharm., Ph.D.

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**Mr. ISIAH BOYAPATI,**  
Group Leader- Formulation Research  
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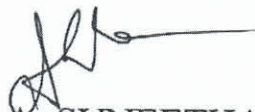


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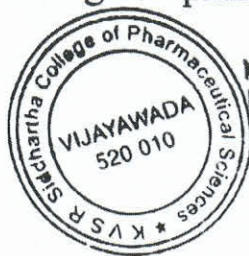
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This is to certify that the dissertation work entitled "FORMULATION AND EVALUATION OF ANTI-COAGULANT MODIFIED RELEASE PELLETS" is the bonafide research work of Nandyala Navya Sri Vani, student of M. Pharmacy under the guidance of **Dr. G Ramana Reddy**, M. Pharm., PhD. and **Mr. Isiah Boyapati**, Group Leader- Formulation Research Division, Aurobindo Pharma Ltd, Hyderabad.

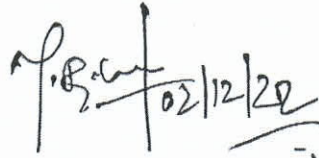
  
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EXAMINERS:

1.  02/12/20

2.

**STUDIES ON PREFORMULATION AND IMPURITY  
PROFILING OF RANOLAZINE SYNTHESIZED BY DIFFERENT  
METHODS**

**BY**

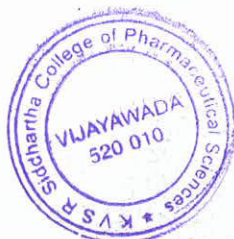
**P. LAKSHMI PRIYANKA  
(REG NO: Y20MPH140006)**



**Under the supervision of  
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**THESIS SUBMITTED TO  
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IN PARTIAL FULFILLMENT OF AWARD OF THE DEGREE OF  
MASTER OF PHARMACY  
IN  
PHARMACEUTICS**

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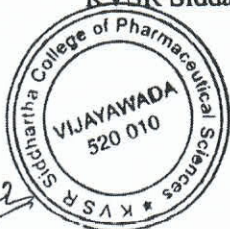
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**EXTERNAL**

1.  
2.



FORMULATION DEVELOPMENT OF CURCUMIN ORAL - LIQUID  
SPRAY FOR BUCCAL DELIVERY SYSTEM

Project work submitted to



**Krishna University, Machilipatnam, A.P.**

*In partial fulfillment for the award of degree of*

**MASTERS OF PHARMACY**

**IN**

**PHARMACEUTICS**

**BY**

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**REG NO: Y20MPH140007**

Under the esteemed guidance of

**Dr.A.BHARATHI**

Associate professor

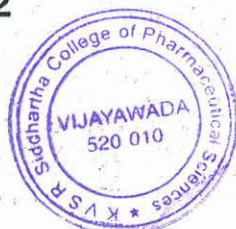
Department of pharmaceuticals & Biotechnology



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**Vijayawada-520008,A.P,India**

**2022**



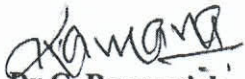
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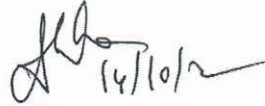


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# FORMULATION DEVELOPMENT AND EVALUATION OF SITAGLIPTIN PHOSPHATE MONOHYDRATE AND METFORMIN HYDROCHLORIDE TABLETS

Dissertation work submitted to Krishna university



In partial fulfillment for the award of degree of  
**MASTERS OF PHARMACY**

BY

**SHAIK LUMEENA, B.Pharm**  
**Y20MPH140008**

*Under the esteemed guidance of*

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Associate professor

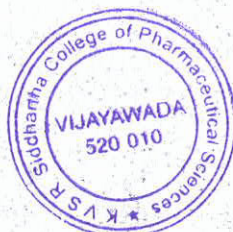
Department of pharmaceutics & Biotechnology



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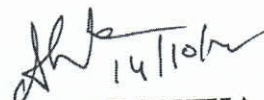




## CERTIFICATE

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**FORMULATION, PREPARATION AND EVALUATION OF  
NEBIVOLOL FAST DISSOLVING TABLETS BY USING 3<sup>2</sup>  
FACTORIAL DESIGN**

**BY**

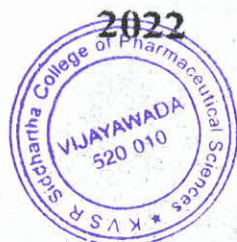
**VEMURI RUPA SREE DEVI, B. Pharm  
(REG NO: Y20MPH140009)**




**Under the supervision of  
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Vijayawada-520010, AP, INDIA**

**THESIS SUBMITTED TO  
KRISHNA UNIVERSITY  
IN PARTIAL FULFILLMENT OF AWARD OF THE DEGREE OF**

**MASTER OF PHARMACY  
IN  
PHARMACEUTICS**



  
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VIJAYAWADA-520 010



THE REGULATORY REQUIREMENTS FOR MARKETING  
AUTHORISATION OF BIOSIMILAR PRODUCTS IN EUROPEAN  
UNION

PROJECT REPORT SUBMITTED TO KRISHNA UNIVERSITY,  
MACHILIPATNAM



IN PARTIAL FULFILLMENT OF AWARD OF THE DEGREE OF  
MASTER OF PHARMACY IN PHARMACEUTICS

Submitted by  
V. Yaswanth, B.Pharm  
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2022

Under the guidance of

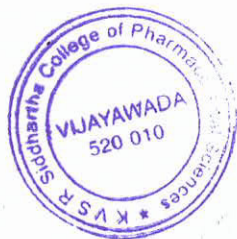
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DR.SUBBA RAJU BV,  
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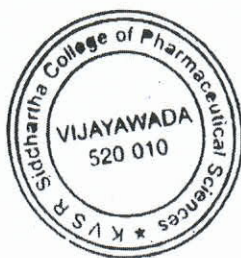
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1. 02/12/22

2.



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**TO IDENTIFY EFFECTIVENESS OF IMMUNOGLOBULIN THERAPY  
IN COVID-19**

**THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM.**



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

**DOCTOR OF PHARMACY**

**(PHARM.D)**

**Research work done by**

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**ANISETTI SAI MANIKANTA**

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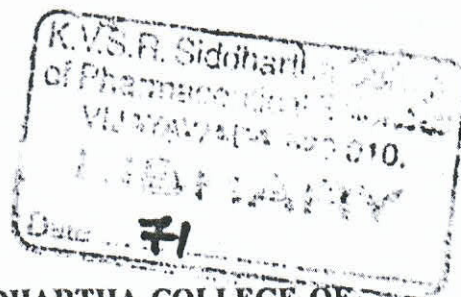
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Assistant Professor  
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Clinical guide  
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**VIJAYAWADA-520010**

**2021-2022**

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VIJAYAWADA-520010**



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*This is to certify that the dissertation entitled "TO IDENTIFY EFFECTIVENESS OF IMMUNOGLOBULIN THERAPY IN COVID-19" is the bonafide research work done by Ms. ALURU YASASWI CHOWDARY (Y17PHD140002), Mr. ANISETTI SAI MANIKANTA (Y17PHD140003), Ms. BANAVATHU RAMYA SRI (Y17PHD140004), Ms. CHINTA REKHA CHANDINI (Y17PHD140006), in partial fulfillment of the requirement for the degree of DOCTOR OF PHARMACY (PHARM.D). This project work was carried out under my guidance at KOMMAREDDY VENKATA SADASIVA RAO SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES, VIJAYAWADA, 520010.*

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**Department of pharmacy practice**

**KVSR SCOPS**

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**Dr. VIJAYA KUMAR GHANTA**

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- 

*[Signature]*  
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K.S.R. SIDDHARTHA COLLEGE OF  
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ASSOCIATION OF TRIGLYCERIDE GLUCOSE INDEX  
WITH CLINICAL OUTCOMES IN ISCHEMIC STROKE

THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM.

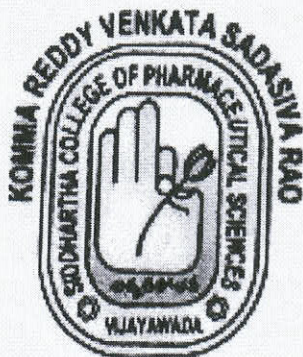


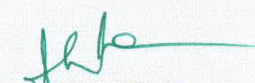
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHARMACY  
(PHARM.D)

Research work done by

DOKKU SRINIJA	Y17PHD140007
JALIBILI VINATHI	Y17PHD140008
KAMEPALLI SAHITHI	Y17PHD140009
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**KOMMAREDDY VENKATA SADASIVA RAO**  
**SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES**  
**VIJAYAWADA-520010**

2021-2022



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PHARMACEUTICAL SCIENCES



CERTIFICATE

This is to certify that the dissertation entitled "ASSOCIATION OF TRIGLYCERIDE  
GLUCOSE INDEX WITH CLINICAL OUTCOMES IN ISCHEMIC STROKE" is the  
bonafide research work done by Ms. DOKKU SRINIJA (Y17PHD140007), Ms. JALIBILI  
VINATHI (Y17PHD140008), Ms. KAMEPALLI SAHITHI (Y17PHD140009), Ms.  
KARUKURI SUVARNA (Y17PHD140010), in partial fulfillment of the requirement for the  
degree of DOCTOR OF PHARMACY (PHARM.D). This project work was carried out under  
my guidance at KOMMAREDDY VENKATA SADASIWA RAO SIDDHARTHA COLLEGE OF  
PHARMACEUTICAL SCIENCES, VIJAYAWADA, 520010.

SUPERVISOR

Dr. GHANTA VIJAYA KUMAR *Ghanta*  
Professor & HOD  
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KVSr Siddhartha College of  
Pharmaceutical Sciences  
VIJAYAWADA-520 010  
KVSr SCOPS.

EXTERNAL

1. *G.S. Shanthi*  
28/10/2022
- 2.

*to*



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KVSr SIDDHARTHA COLLEGE OF  
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VIJAYAWADA-520 010



**"ASSESEMENT OF CLINICAL SIGNS AND SYMPTOMS AND  
DEPRESSION AMONG POLYCYSTIC OVARIAN DISEASE-AF-  
FECTED WOMEN: A PROSPECTIVE OBSERVATIONAL STUDY**

**THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM.**

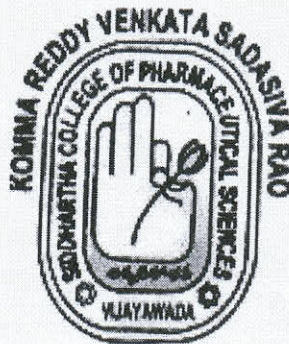


**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHARMACY  
(PHARM.D)**

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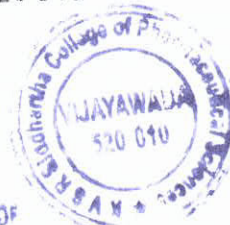
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EVALUATION OF DRUG USAGE IN PREGNANCY AND LACTATION  
IN COMMUNITY SETTINGS

THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM.



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

**DOCTOR OF PHARMACY**

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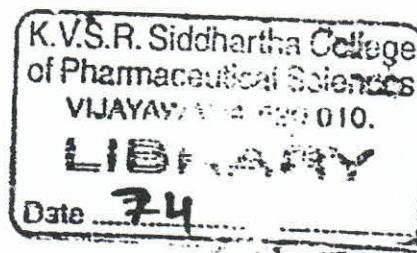
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**A STUDY ON IMPACT OF DIABETES KNOWLEDGE ON GLYCEMIC CONTROL AND SELF-CARE ACTIVITIES AMONG ADULTS WITH TYPE II DIABETES MELLITUS**

**THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM.**



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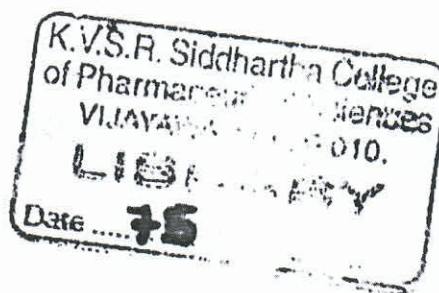
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**"CARDIOVASCULAR OUTCOMES IN PATIENTS WITH PREVIOUS MYOCARDIAL INFRACTION AND DIABETES MELLITUS FOLLOWING TREATMENT WITH GLIPTINS AND OTHER NEW ORAL HYPOGLYCEMIC DRUGS."**

**THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM.**



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

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**Research work done by**

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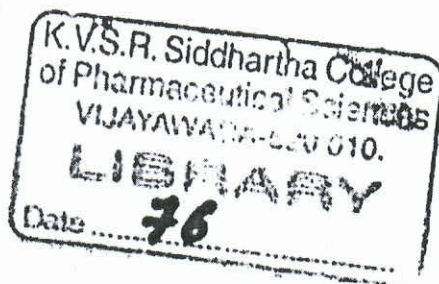
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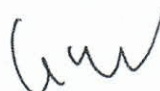
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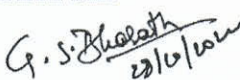
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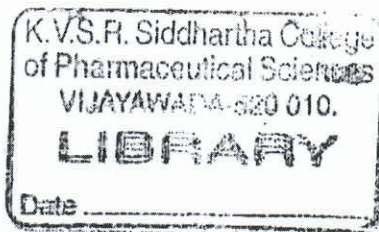
  
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**“ASSESSMENT OF QUALITY OF LIFE IN PATIENTS WITH CHRONIC HEART FAILURE”**

**THESIS SUBMITTED TO THE KRISHNA UNIVERSITY, MACHILIPATNAM.**



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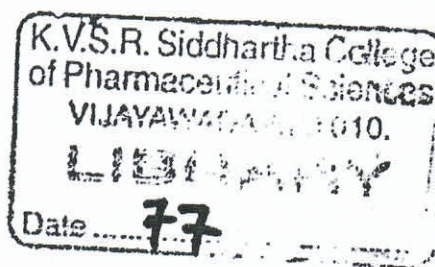
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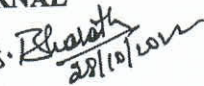
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