A POPULATION BASED CROSS-SECTIONAL STUDY ON ASSESSMENT OF GASTRO-INTESTINAL (GI) SYMPTOMS

A THESIS

Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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

BACHELOR OF PHARMACY

By

MUPLAM PRIYANKA

YEDDU MURALI KRISHNA

(20M71R0057)

(20M71R00A3)

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Under the guidance of

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RESPONSE SURFACE METHODOLOGY ENABLED FORMULATION AND OPTIMIZATION OF FEXOFENADINE HYDROCHLORIDE FAST DISINTEGRATING TABLETS

A THESIS
Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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BACHELOR OF PHARMACY

By

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THIOLATED OKRA CHITOSAN NANOPARTICLES OF LOSARTAN POTASSIUM: CHARACTERIZATION AND IN-VITRO EVALUATION

A THESIS

Submitted to



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IN VITRO ANTI DIABETIC ACTIVITY AND IN VITRO ANTI OXIDANT ACTIVITY ON AERIAL PARTS OF COLDENIA PROCUMBENS.LINN

A THESIS

Submitted to



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EVALUATION OF IN VITRO ANTI INFLAMMATORY ACTIVITY OF AYSYTASIA GANGETICA

A THESIS

Submitted To



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ADVANCING ORAL NUTRITIONAL SUPPLEMENTATION: FORMULATION AND EVALUATION OF MULTI-SUPPLEMENT MEDICATED CHEWING GUM

A THESIS

Submitted to



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DESIGN, SYNTHESIS, CHARACTERIZATION & IN SILICO STUDIES OF NOVEL 5-ARYLIDINE 2, 4-THIAZOLIDINEDIONE DERIVATIVES

A THESIS

Submitted to



JAWAHARLALNEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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OLAMINOSOMES- A NOVAL APPROACH FOR 3D PRINTED MICRO ARRAY TRANSDERMAL PATCH

A THESIS

Submitted To



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Certificate

This is to certify that the dissertation work entitled "OLAMINOSOMES- A NOVEL APPROACH FOR 3D PRINTED MICRO ARRAY TRANSDERMAL PATCH is a research work done Ms. P. Thaherafaiz (20M71R0069), Ms. K. Anjali Priya (20M71R0039), Ms. M. Sai Sneha (20M71R0047), Ms. M. Nikhileswari (20M71R0049), Mr. P. Vignesh (20M71R0070), in partial fulfillment of the requirement for the award of degree of BACHELOR OF PHARMACY. The research work was carried out in Annamacharya College of Pharmacy, Rajampet, under my supervision and guidance during the academic year 2023 – 2024. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any degree or diploma.

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CERTIFICATE

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EVALUATION OF IN VITRO ANTIUROLITHIATIC ACTIVITY OF SELENICEREUS UNDATUS FRUIT PEEL EXTRACT

Dissertation Work

Submitted to



JAWAHARLALNEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
In the partial fulfillment of the requirements for the award of the
degree of

BACHELOR OF PHARMACY Submitted by

C.HARSHITHA (20M71R0014)

K. LAKSHMI PRASANNA (20M71R0044)

M.RAMAKANTH REDDY (20M71R0052)

S. SUFIYA TABASUM (20M71R0086)

N. HARIKA (21M75R0001)

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This is to certify that the dissertation work entitled "EVALUATION OF VITRO ANTIUROLITHIATIC ACTIVITY OF SELENICEREUS UNDATUS FRUIT PEEL EXTRACT" is a bonafide research work done by C.HARSHITHA [20M71R0014], K.LAKSHMI PRASANNA [20M71R0044], S.SUFIYA [20M71R0052], **TABASUM** M.RAMAKANTH REDDY [20M71R0086] and N.HARIKA [21M75R0001] in partial fulfillment of the requirement for the award of degree of Bachelor of Pharmacy. The research work was carried out in Annamacharya College of Pharmacy and submitted to Jawaharlal Nehru Technological University Anantapur, under Mr. SIMHAM SUDHAKAR, M. Pharm, (Ph.D)., supervision and guidance during the academic year 2023-2024. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any degree.

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RAJAMPET, ANNAMAYYA Dist. A.P

IN-SILICO TOXICITY PREDICTION OF INGREDIENTS OF TOOTHPASTES USING PROTOX 3.0

A THESIS

submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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

BACHELOR OF PHARMACY

submitted by

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This is to certify that the dissertation work entitled "IN-SILICO TOXICITY PREDICTION OF INGREDIENTS OF TOOTHPASTES USING PROTOX 3.0" is a bonafide research work done by Mr. AKULA THARUN, (R.No: 20M71R0002), Ms. BATHINAPATLA HEMALATHA, (R.No: 20M71R0008), Ms. BHAVANASI REDDI DIVYA, (R.No: 20M71R0009), Ms. YELLAMRAJU PADMA SREE, (R.No: 20M71R00A5), in partial fulfillment of the requirement for the award of degree of BACHELOR OF PHARMACY. The research work was carried out in Annamacharya College of Pharmacy, Rajampet, under my supervision and guidance during the academic year 2023 – 2024.

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RAJAMPET, ANNAMAYYA DIST. A.P.

DESIGN, DEVELOPMENT OF HERBAL EXTRACTS INFUSED TOPICAL PREPARATIONS TO TARGET THE SKIN INFECTIONS

A THESIS

Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, In partial fulfillment for the award of degree of BACHELOR OF PHARMACY

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This is to certify that the dissertation work entitled "Design, Development of Herbal extracts infused Topical preparations to target the Skin infections" is a bonafide research work done by Dumpala Chinna Lakshmi (R.No:20M71R0018), Kokkanti Vyshnavi (R.No:20M71R0035), Lingam Jayapriya (R.No:20M71R0045), Thummalapenta Rakesh (R.No:20M71R0093) in partial fulfilment of the requirement for the award of degree of Bachelor of Pharmacy. The research work was carried out in Annamacharya College of Pharmacy and submitted to Jawaharlal Nehru Technological University Anantapur, under the supervision and guidance of Mr. Kolavali Yalla Reddy, M. Pharm., (Ph.D) during the academic year 2023-2024.

The results embodied in this dissertation have not been submitted to any other
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INVITRO ANTI UROLITHIATIC ACTIVITY OF

Bauhinia purpurea BARK EXTRACT

A THESIS

Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR.

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

BACHELOR OF PHARMACY

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Professor & Principal ANNAMACHARYA COLLEGE OF PHAREL CY NEW BOYANAPALLI - 516 12: RAJAMPET, ANNAMAYYA Dist. A.P.

FORMULATION AND IN VITRO CHARACTERIZATION OF CLOTRIMAZOLE POLYMERIC NANOPARTICLES USING SINGLE EMULSION SOLVENT EVAPORATION TECHNIQUE

A THESIS

Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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

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Estd: 2003

FORMULATION AND EVALUATION OF LIP BALM

A THESIS

Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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

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By

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B.SANDHYA	20M71R0010
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RAJAMPET, ANNAMAYYA Dist. A.P.

STABILITY INDICATING SPECTROSCOPIC METHOD FOR THE ESTIMATION OF ESCITALOPRAM IN BULK AND TABLET DOSAGE FORM A THESIS

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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

BACHELOR OF PHARMACY

By

G. MANOJ [Reg. No. 20M71R0021] G. RENUKA [Reg. No. 20M71R0023]

M. SESHA REDDY [Reg. No. 20M71R0053] N. JAMEELA [Reg. No. 20M71R0064]

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Under the Guidance of

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APRIL - 2024



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This is to certify that the dissertation work entitled "STABILITY INDICATING SPECTROSCOPIC METHOD FOR THE ESTIMATION OF ESCITALOPRAM IN BULK AND TABLET DOSAGE FORM" is a bonafide research work done by G. MANOJ [Reg.No. 20M71R0021], G. RENUKA [Reg.No. 20M71R0023], M. SESHA REDDY [Reg.No. 20M71R0053], N. JAMEELA [Reg.No. 20M71R0064], U. NARASIMHUDU [Reg.No. 20M71R0096] in partial fulfilment of the requirement for the award of degree of Bachelor of Pharmacy. The research work was carried out in Annamacharya College of Pharmacy and submitted to Jawaharlal Nehru Technological University Anantapur, under the supervision and guidance of Mr. M. MADHU, M. Pharm., (Ph.D) during the academic year 2023-2024.

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

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RAJAMPET, ANNAMAYYA Dist. A.P.

DEVEIOPMENT AND VALIDATION OF UV SPECTROPHOTOMETRIC METHOD FOR THE ESTIMATION OF PIPERINE IN API, BLACK PEPPER EXTRACT AND IN AYURVEDIC FORMULATION

A THESIS

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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This is to certify that the dissertation work entitled "DEVELOPMENT AND VALIDATION OF UV SPECTROPHOTOMETRIC METHOD FOR THE ESTIMATION OF PIPERINE IN API, BLACK PEPPER EXTRACT AND IN AYURVEDIC FORMULATION" is a bonafide research work done K.Mahima kumari (20M71R0032), N.Veena jessy(20M71R0060), R.Mounisha(20M71R0079), T.Nagarjuna (20M71R0090), V.Bindhu latha (20M71R0098).in partial fulfilment of the requirement for the award of degree of Bachelor of Pharmacy. The research work was carried out in Annamacharya College of Pharmacy and submitted to Jawaharlal Nehru Technological University Anantapur, under the supervision and guidanceof Dr.D.VASAVI DEVI M.Pharm., Ph.D., during the academic year 2023-2024. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any degree.

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IN SILICO EVALUATION OF PIPERITONE AS MULTI TARGET DIRECTED LIGAND FOR THE TREATMENT OF ALZHEIMER'S

DISEASE

A THESIS

Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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ALZHEIMER'S DISEASE" that is being submitted by B. PURNA RAO [Reg. No. 20M71R0006],

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INSILICO DESIGN , SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF COBALT(II) METAL COMPLEXES OF SCHIFF BASES



A THESIS

Submitted to

JAWAHARLALNEHRUTECHNOLOGICALUNIVERSITYANANTAPUR

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

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By

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This is to certify that the dissertation work entitled "INSILICO DESIGN, SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF COBALT(II) METAL COMPLEXES OF SCHIFF BASES" is a bonafide research work done by VELAGACHERLA SUDEEPA (20M71R00A0), POOLA CHINNABABU (20M71R0076), PANDILLAPALLI JAGADEESWARA REDDY (20M71R0067), PENUBADI KAVYA (20M71R0072), KOPPU PRIYANSHU (20M71R0038) in partial fulfillment of the requirement for the award of degree of Bachelor of Pharmacy. The research work was carried out in Annamacharya College of Pharmacy and submitted to Jawaharlal Nehru Technological University Anantapur under the guidance of Dr. M. DEEPA, M.Pharm., Ph.D., Professor, Department of Pharmaceutical Chemistry during the academic year 2023-2024.

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DEVELOPMENT AND VALIDATION OF UV SPECTROSCOPIC METHOD FOR THE ESTIMATION OF CEFIXIME IN STERILE DOSAGE FORM

A THESIS

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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

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QBD ASSISTED UV SPECTROPHOTOMETRIC METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF IRBESARTAN AND HYDROCHLOROTHIAZIDE IN BULK AND TABLET DOSAGE FORM

A THESIS

Submitted to



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

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

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Submitted by

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This is to certify that the dissertation work entitled QBD ASSISTED UV SPECTROPHOTOMETRIC METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF IRBESARTAN AND HYDROCHLOROTHIAZIDE IN BULK AND TABLET DOSAGE FORM is a bonafide research work done Eskapalli Vishnu Priya, Roll. No. 20M71R0019, Poli Sai Varshitha, Roll. No. 20M71R0074, Jampani Mounika, Roll. No. 20M71R0029, Nallagangula Ajay Kumar Reddy, Roll. No. 20M71R0061, Shaik Arfath Basha, Roll. No. 20M71R0081 in partial fulfillment of the requirement for the award of degree of Bachelor of Pharmacy. The research work was carried out in Annamacharya College of Pharmacy and submitted to Jawaharlal Nehru Technological University Anantapur, under my supervision and guidance during the academic year 2023-2024. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any degree or diploma.

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