



# SREE DATTHA INSTITUTE OF PHARMACY

(Approved by AICTE & PCI, New Delhi, Affiliated to JNTU, Hyderabad)

Sagar Road, Sheriguda, Ibrahimpatnam, R.R.Dist.-501510

Ph.:08414-202206, 320919, 9393808082

www.sreedattha.org, E-mail: principalsdip@sreedattha.ac.in

**College Code: SDIP**

## LIST OF MASTER OF PHARMACY PROJECTS OF THE YEAR 2014 – 2015

NAME OF THE PG SCHOLAR	NAME OF THE DEPARTMENT	NAME OF THE GUIDE	TITLE OF THESIS
KOTREKE VINOD KUMAR	P-CEUTICS	MR.L.RAJESH PATRO	EFFECT OF VARIOUS POLYMERS ON DRUG RELEASE OF EFFEREESCENT FLOATING TABLETS OF HYDRALAZINE HCL
P DINESH	P-CEUTICS	MR.RAJESH PATRO	FORMULATION ANDEALUATION OF NANO PARTICLES CONTANING SILVER IN GEL
B RACHANA	P-CEUTICS	MR .L.RAAJESH PATRO	PREPARATION AND EVALUATION SUSTAINED RELEASE TABLETS OF METFORMIN BY USING VARIOUS POLYMERS
B HEMALATHA	P-CEUTICS	MR.I. RAJESH PATRO	DEVELOPMENT AND IN VITRO EVALUATION OF CEFDROXIL FAT DISSOLVING TABLETS USING NOVEL SUPERDISINTERGANTS
M GOWTHAMI	P-CEUTICS	MR.L.RAJESH PATRO	FORMULATION ANDEALUATION OF FAST DISSOLVING SUBLINGUAL TABLETS O FLOVASTATIN
K RAMUDU	P-CEUTICS	MR.L.RAJESH PATRO	FORMULATION AND EVALUATION OF SUSTAINED RELEASE DRUG OF NIFIDIPINE BY USING VARIOUS POLYMEERS
ATIYA BEGUM	P-CEUTICS	K.VENKATA RAMANA REDDY	SOLUBILITY OF SUPERDISINTEGRANT FORMULATIONS AAND INNVTRO CHARECTERIZATON FAST DISSOLVING TABLETS OF ALPRAZOLAM USINGG VARIOUS SUPERDISINTEGRANTS
YENUGANDULA	P-CEUTICS	MR.L.RAJESH PATRO	DESIGN DEVELOPMENT AND INVITRO EVALUATION OF

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NANDINI			ORODISPERSABLE TABLETS OF BETAMETHASONA USING COPROCESSED METHOD
USOLLA ANITHA	P-CEUTICS	MR.L.RAJESH PATRO	FORMULATION AND INVITRO EVALUATION OF SUSTAINED RELEASE TABLETS OF NIZATIDINE
S SAMATHA	P-CEUTICS	MR. L. RAJESH PATRO	DESIGN DEVELOPMENT AND INVITRO CHARECTERISATION OF MOUTH DISSOLVING TABLETS OF ALBENDAZOLE BY SUBLIMATION METHOD
A SANTOSH	P-CEUTICS	MR.L.RAJESH PATRO	FORMULYIO AND INVITRO EVALUATION OF ISONIAZID SUSTAINED RELEASE MATRIX TABLETS
ASFIYA MOHSIN AMODI	P-CEUTICS	MR.L.RAJESH PATRO	FORMULATIN AND INVITRO CHARACTERIZATON OF ARMODAFINIL FAST DISSOLVING TABLETS BY EFFEREVESCENT METHOD
HIDAYATH UNNISA	P-CEUTICS	MS. A. NIHARIKA	FORMULATION AND EVALUATION OF MOUTH DISSOLVING TABLETS OF AZITHROMYCIN PREPARED BY SOL DISPERSION METHOD USIN
K DURGA	I.P	K.VENKATA RAMANA REDDY	PREPARATION AND OPTIMATISATION OF CHITOSIN MICROSPHERE CONTAINING AND ANTI DIABETIC DRUG
ARSHIYA BEGUM	I.P	MR. L. RAJESH PATRO	FORMULATIO AND EVALUATION OF TWICE DAILY MINI TABLETS OF PREGABALIN
B SRIDEVI	I.P	MR.L.RAJESH PATRO	FORMUALTION AND IN VITRO EVALUATION OF ASENAPINE MALATE FAST DISSOLVING SUB



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			LINGUAL TABLETS
KUMMARI SUDHAKAR	P- ANALYSIS	MS.ALEKYA MADIREDDY	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ESTIMATION OF METFORMIN AND REPAGLINIDE IN A COMBINED DOSAGE FORM
GANDU SHEKAR	P- ANALYSIS	MR.PRATAP KUMAR PATRA	DEVELOPMENT OF NEW RP-HPLC METHOD FOR THE ANALYSIS OF GLIBENCLAMIDE AND PIOGLITAZONE AND IT'S APPLICATIONS IN THE EVALUTION OF MARKETING PREPARATION
GURRAM SRAVYA	P- ANALYSIS	MS.ALEKYA MADIREDDY	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS DETERMINATION OF KETOCONAZOLE AND RITONAVIR IN A COMBINED MIXTURE
K SRILATHA	P- ANALYSIS	MS.ALEKYA MADIREDDY	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS DETERMINATION OF KETOCONAZOLE AND RITONAVIR IN A COMBINED MIXTURE
TAVVA GOVARDHAN	P- ANALYSIS	MR.PRATAP KUMAR PATRA	BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF IRBESARTAN IN HUMAN PLASMA USING LC-MS/MS
AVULA SRIVANI	P- ANALYSIS	MS.ALEKYA MADIREDDY	RP-HPLC METHOD DEVELOPMENT AND VALIDATION AND FORCED DEGRADATION STUDIES OF PRALATREXATE API

*Principal*

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### LIST OF MASTER OF PHARMACY PROJECTS IN THE YEAR 2015 – 2016

NAME OF THE PG SCHOLAR	NAME OF THE DEPARTMENT	NAME OF THE GUIDE	TITLE OF THESIS
K RAMYA	PAQA	MR.P LINGESHWAR RAO	VALIDATED METHOD DEVELOPMENTFOR THE SIMULTANEOUS ESTIMATION OF ETOFYLLINE AND THEOPHYLLINE BY RP-HPLC METHOD IN BULK AND IT'S PHARMACEUTICAL DOSAGE FORM

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## LIST OF MASTER OF PHARMACY PROJECTS OF THE YEAR 2016 – 2017

NAME OF THE PG SCHOLAR	NAME OF THE DEPARTMENT	NAME OF THE GUIDE	TITLE OF THESIS
SAMINENI TEJASRI	P-CEUTICS	Ms. MANGA	Formulation Development And In Vitro Evaluation Of Omidapril Pulsatile Drug Delivery Using Core On Cup Technique
B VIKRAM REDDY	P-CEUTICS	Dr.S.A.SREENIVAS	Formulation Development And In Vitro Evaluation Of Lamivudine And Isoniazide Bi Layer Tablets
DEGLOOR BHAVITHA	P-CEUTICS	Ms. MANGA	Design And Characterization And In Vitro Evaluation Of Azathioprine Colon Targeted Drug Delivery System
SAMREEN FATIMA	P-CEUTICS	Dr.S.A.SREENIVAS	Formulation Development And In Vitro Evaluation Irinotecan Colon Targeted Drug Delivery System
MAVILLAPALLI RAJITHA	P-CEUTICS	Ms. JANAKI	Formulation Development And In Vitro Evaluation Of Bosentan Controlled Release Tablets
SAFIA BANU	P-CEUTICS	Dr.S.A.SREENIVAS	Formulation Development And In Vitro Evaluation Of Repaglinide Sustained Release Tablets
CH SRI LATHA	P-CEUTICS	Ms. JANAKI	Formulation Development And In Vitro Evaluation Of Ivabradine And Carvedilol Bi Layer Tablets
AMATUL FATIMA	P-CEUTICS	Dr.S.A.SREENIVAS	Formulation Characterisation and Evaluation of microsponges loaded with Ciclopirox for Transdermal Drug Delivery
M SHIREESHA RANI	P-CEUTICS	Ms. MANGA	Formulation Development And In Vitro Evaluation Of Elvitegravir Fast Dissolving Tablets Using Solid Dispersion Technology
K SAI MOUNIKA	P-CEUTICS	Mr. KIRAN	Design And In Vitro Evaluation Of Naratriptan Oral Dispersible Tablets



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SK. ARIFUNNISA BEGUM	P-CEUTICS	Dr.S.A.SREENIVAS	Formulation Development And In Vitro Evaluation Of Albuterol Pulsin Cap Technology
N MOUNIKA	P-CEUTICS	Mr. KIRAN	Formulation Development And Invitatio Evaluation Of Clopidogral Fast Dissolving Tablet Using Solid Dispersion Technique
KAMLEKAR AMARNATH JI	P-CEUTICS	Ms. MANGA	Formulation Development And Invitro Evaluation Of Losartan Liquisolid Compacts
AMRIT KAUR LOHIYA	P-CEUTICS	Dr.S.A.SREENIVAS	Loratadine Porous Tablets By Using Sublimating Technique
MADHAV CHANDRA MURMU	P-CEUTICS	Ms JANAKI	Formulation Development And Invitro Evaluation Of Mefanamic Acid Ethozomes
P SURESH	P-CEUTICS	Ms MANGA	Formulation And Evaluation Of Sustained Release Esomeprazole Double Walled Microspheres
V RAVI KUMAR	P-CEUTICS	Mr. KIRAN	Formulation Development Ondonserten Ethozomes
S SAHITHI	P-CEUTICS	Ms JANAKI	Formulation Development And Invitro Evaluation Of Flunarizine Immediate Release Tablets Using Liquid Solid Compacts
SAMEENA BEGUM	P-CEUTICS	Dr.S.A.SREENIVAS	Formulation characterization and Evaluation of Microballoons loaded with miconazole for transdermal drug delivery
SAFURA	P-CEUTICS	Dr.S.A.SREENIVAS	Formulation Development And Invitro Evaluation Of Repaglinide Sustained Release Tablets
PORANDLA RAMYA SRI	PAQA	Dr. PRATAP KUMAR PATRA	A New Analytical Method Deveopment And Validation Of Ceftriaxone Sodium And Vancomycin In Pharmaceutical Dosage Form By Rp- Hplc Method
AKKENAPALLY VASAVI	PAQA	Mr. LINGESWAR RAO	A New Rp Hplc Method Development And Validation For The Simultaneous Estimation Of Pipercillin And Tazobactum By Using Rp Hplc
THALLAPELly	PAQA	Dr. PRATAP	Analytical method development and validation of

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MANASA		KUMAR PATRA	Diacerein capsules by RP-HPLC
N ADILAKSHMI	PAQA	Ms. SHITAL	Method Development And Validation For The Simultaneous Estimation Of Aceclofenac And Tizanidine By Using Rp Hplc
PUTTAPAKA SATHYANARAYANA	PAQA	Mr. LINGESWAR RAO	Method Development And Validation Of Tizanidine And Nimusulide In Tablet Dosage Form By Using Rp-Hplc Method
GUNTI BHAVYA PRIYA	PAQA	Ms. SHITAL	A New Rp-Hplc Method Development And Validation Of Nebivolol And Valsartan In Tablet Dosage Form
CHETLAPALLY DHARANI	PAQA	Ms. SHITAL	Analytical Method Development And Validation Of Escitalopram And Fenofibrate In Tablet Dosage Form By Rp- Hplc Method
N D SAI SREEKANTH	PAQA	Dr. PRATAP KUMAR PATRA	Method Development And Validation Of Aspirin And Clopidogrel In Tablet Dosage Form By Using Rp-Hplc Method
ABDULLA BIN HAMED	PMRA	Mr SURESH KUMAR	Ich Quality Specifications
KUMBAGIRI MOUNIKA	PMRA	Mr SURESH KUMAR	USFDA Guidance to New Drug Application for sterile pharmaceutical products
BOREDDY MOUNICA	PMRA	Ms. MARY RATNA ANITHA	International Conference On Harmonization (Ich) Stability Guidelines For Pharmaceutical Products
DHADI MADHAVI	PMRA	Ms. MARY RATNA ANITHA	Regulatory Strategy For Drug Master File In Regulated Markets
MUDDAGOWNI SNEHA	PMRA	Ms. MARY RATNA ANITHA	Pharmaceutical Drug Products Approval Procedure In Australia
MOHAMMED IDREES	PMRA	Mr SURESH KUMAR	Regulatory Approval Procedure In Canada
MOHAMMED NADEEM SHAREEF	PMRA	Mr SURESH KUMAR	Regulatory Strategies For Filing Nda
KARNATI MANASA	PMRA	Ms. MARY	Approval. Manufacture and Marketing

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		RATNA ANITHA	regulations of Medical devices in Regulated markets
YADMA ANJANEYULU	PMRA	Mr SURESH KUMAR	Drug Regulatory Approval Procedure In India

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RangaReddy(Dist) -501510.





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**College Code: SDIP**

## LIST OF MASTER OF PHARMACY PROJECTS OF THE YEAR 2018 – 2019

NAME OF THE PG SCHOLAR	NAME OF THE DEPARTMENT	NAME OF THE GUIDE	TITLE OF THESIS
BOBBILI SUSHMA	P-CEUTICS	Mr. K. Kiran	Design Prepare And Characterization Of Zidovudine Liposomal Drug Delivery System
SIDDALA SWATHI	P-CEUTICS	Mr. K. Kiran	Design Prepare And Characterization Of Simvastatin Gastroretentive Tablets
V SHILPA	P-CEUTICS	Mr. K. Kiran	Formulation Development And Invitro Evaluations Of Vildagliptin Controlled Release Tablets
YEGGONI ASHOK KUMAR	P-CEUTICS	Mr. K. Kiran	Formulation Development & In Vitro Evaluation Of Ondansetron Mouth Dissolving Tablets By Using Super Disintegrants
KATTOJ SNEHA	P-CEUTICS	Ms. A. Kalpana	Design Prepare And Characterization Of Rosuvastatin Niosomal Drug Delivery System
HUMEERA NAUSHEEN	P-CEUTICS	Ms. A. Kalpana	Design Prepare And Characterization Of Paliperidone Sustained Release Tablets
GUDIGOPURAM DEEPTHI	PAQA	Dr. Pratap Kumar Patra	Simultaneous Estimation For The Development And Validation Of Lercanidipine And Atenolol In Bulk Form And Pharmaceutical Formulation By Rp-Hplc Method
SAMREEN BEGUM	PAQA	Dr. Pratap Kumar Patra	Development And Validation Of RP-HPLC Method For The Quantitative Estimation For Triamterene And Hydrochlorothiazide In API And Tablet Dosage Form

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Sree Dattha Institute Of Pharmacy  
Sheriguda(V), Ibrahimpatnam(M),  
RangaReddy(Dist) -501510.

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**RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR  
SIMULTANEOUS ESTIMATION OF METFORMIN AND REPAGLINIDE IN  
A COMBINED DOSAGE FORM.**

***Dissertation Submitted to***



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

***In Partial fulfilment for the award of the degree of***

**MASTER OF PHARMACY  
IN  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

**BY  
KUMMARI SUDHAKAR *B.Pharm*  
(Reg.no.13U21S0401)**

**UNDER THE GUIDANCE OF**

**Ms. ALEKHYA MADIREDDY  
*M.Pharm, (Ph.D)*  
Assistant Professor  
Dept. of Pharmaceutical Analysis**



*NA*  
*17/5/15*

**SREE DATTHA INSTITUTE OF PHARMACY,**

**(Approved by AICTE, PCI. Affiliated to JNTUH, Telangana)**

**Sheriguda(v), Ibrahimpatnam(M), Rangareddy -501510**

**August-2015**

**DEVELOPMENT OF A NEW RP-HPLC METHOD FOR THE ANALYSIS OF  
GLIBENCLAMIDE AND PIOGLITAZONE AND ITS APPLICATIONS IN  
THE EVALUATION OF MARKETING PREPARATIONS**

*Dissertation Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

*In Partial fulfilment for the award of the degree of*

**MASTER OF PHARMACY  
IN  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE.**

**BY  
GANDU SHEKAR *B.Pharm*  
(Reg.no.13U21S0403)**

**UNDER THE GUIDANCE OF**

**Mr. PRATAP KUMAR PATRA**  
*M.Pharm, (Ph.D)*  
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**SREE DATTHA INSTITUTE OF PHARMACY,**

*(Approved by AICTE, PCI, Affiliated to JNTUHI, Telangana.)*

*Sheriguda(v), Ibrahimpatnam(M), Rangareddy -501510*

*August-2015*

*NG  
14/5/15*



**METHOD DEVELOPEMENT AND VALIDATION OF METHAZOLAMIDE  
BY RP-HPLC AND ITS RELATED STUBILITY STUDIES**

***Dissertation Submitted to***



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

***In Partial fulfilment for the award of the degree of***

**MASTER OF PHARMACY  
IN  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

**BY  
THRUPTHI RAJAGARI *B.Pharm*  
(Reg.no.13U21S0408)**

**UNDER THE GUIDANCE OF**

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**SREE DATTHA INSTITUTE OF PHARMACY,**

**(Approved by AICTE, PCI, Affiliated to JNTU(H, Telangana))**

**(Sheriguda(v), Ibrahimpatnam(M) Rangareddy -501510)**

**August-2015**

# METHOD DEVELOPEMENT AND VALIDATION OF METHAZOLAMIDE BY RP-HPLC AND ITS RELATED STUBILITY STUDIES

*Dissertation Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

*In Partial fulfilment for the award of the degree of*

**MASTER OF PHARMACY**

**IN**

**DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

**BY**

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(Reg.no.13U21S0408)

**UNDER THE GUIDANCE OF**

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**SREE DATTHA INSTITUTE OF PHARMACY,**

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Sherigudaty, Ibrahimpatnam (M) Rangareddy - 501510

August-2015

**RP- HPLC METHOD DEVELOPEMENT, VALIDATION AND FORCED  
DEGRADATION STUDIES OF PRALATREXATE API**

***Dissertation Submitted to***



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

***In Partial fulfilment for the award of the degree of***

**MASTER OF PHARMACY**

**IN**

**DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

**BY**

**AVULA SRIVANI** *B.Pharm*  
**(Reg.no.13U21S0407)**

**UNDER THE GUIDANCE OF**

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**SREE DATTHA INSTITUTE OF PHARMACY,**

**(Approved by AICTE, PCI. Affiliated to JNTU(H, Telangana))**

**Sheriguda(s), Ibrahimpatnam(M), Rangareddy - 501510**

**August-2015**



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**BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION  
OF IRBESARTAN IN HUMAN PLASMA USING LC-MS/MS**

**A THESIS**

*Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
HYDERABAD**

*In partial fulfillment of the requirements for the award of the degree of*  
**MASTER OF PHARMACY IN PHARMACEUTICAL ANALYSIS  
AND QUALITY ASSURANCE**

**By**

**TAVVA.GOVARDHAN**  
[Reg.No.13U21S0406]

**Under the guidance of**

**MR. PRATAP KUMAR PATRA,**

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

**Associate professor.**



**SREE DATTHA INSTITUTE OF PHARMACY  
SHERIGUDA(V), IBRAHIMPATNAM(M), RANGA REDDY(DIST)  
2015**

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*Dept. of Pharmaceutical Analysis, SDIP, JNTU-H*

**RP-HPLC METHOD DEVELOPMENT AND VALIDATION OF  
CIPROFLOXACIN AND FLUCINOLONE IN PHARMACEUTICAL DOSAGE  
FORMS**

*Dissertation Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

*In Partial fulfilment for the award of the degree of*

**MASTER OF PHARMACY**

**IN**

**DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

**BY**

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(Reg.no.13U21S0404)

**UNDER THE GUIDANCE OF**

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*Sheriguda(v), Ibrahimpatnam(M), Rangareddy -501510*

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**RP-HPLC METHOD DEVELOPMENT AND VALIDATION OF  
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Sheriguda's (Herathimipattanam) (M) Raunguruddy - 501510

August-2015



**METHOD DEVELOPEMENT AND VALIDATION OF METHAZOLAMIDE  
BY RP-HPLC AND ITS RELATED STUBILITY STUDIES**

***Dissertation Submitted to***



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**Sheriguda V. Ibrahimpatnam (M) Rangareddy -501510**

**August-2015**

**RP-HPLC METHOD DEVELOPMENT AND VALIDATION OF  
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FORMS**

*Dissertation Submitted to*



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*Sheriguda(v), Ibrahimpatnam(M), Rangareddy -501510*

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Dept. of Pharmaceutical Analysis**



**SREE DATTHA INSTITUTE OF PHARMACY,**

**(Approved by AICTE, PCI, Affiliated to JNTU-H, Telangana.)  
Sheriguda (V), Ibrahimpatnam (M), Rangareddy - 501510**

**August-2015**



**RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR  
SIMULTANEOUS DETERMINATION OF KETOCONAZOLE AND  
RITONAVIR IN A COMBINED MIXTURE**

***Dissertation Submitted to***



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

***In Partial fulfilment for the award of the degree of***

**MASTER OF PHARMACY  
IN  
DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

**BY  
KANUGULA SRILATHA *B.Pharm*  
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**UNDER THE GUIDANCE OF**

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**SREE DATTHA INSTITUTE OF PHARMACY,**

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**Sheriguda(v), Ibrahimpatnam(M), Rangareddy -501510**

**August-2015**

**RP- HPLC METHOD DEVELOPEMENT, VALIDATION AND FORCED  
DEGRADATION STUDIES OF PRALATREXATE API**

***Dissertation Submitted to***



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**August-2015**

**RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR  
SIMULTANEOUS ESTIMATION OF METFORMIN AND REPAGLINIDE IN  
A COMBINED DOSAGE FORM.**

***Dissertation Submitted to***



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

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**MASTER OF PHARMACY  
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**SREE DATTHA INSTITUTE OF PHARMACY,**

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*August-2015*



**RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR  
SIMULTANEOUS DETERMINATION OF KETOCONAZOLE AND  
RITONAVIR IN A COMBINED MIXTURE**

*Dissertation Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

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**MASTER OF PHARMACY  
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DEPARTMENT OF PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

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**SREE DATTHA INSTITUTE OF PHARMACY,**

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*Sheriguda(y), Ibrahimpatnam(M) Rangareddy -501510*

*August-2015*

**FORMULATION AND IN VITRO EVALUATION OF TWICE DAILY MINI TABLETS OF  
PREGABALIN**

A Thesis

Submitted To



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

**HYDERABAD**

In The Partial Fulfillment Of The Requirements For

The Award Of The Degree Of

Master Of Pharmacy

In

Pharmacy

By

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Sree Datta Institute Of Pharmacy

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2014-2015

FORMULATION AND IN VITRO EVALUATION OF TWICE DAILY MINI TABLETS OF  
PREGABALIN

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

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In The Partial Fulfillment Of The Requirements For

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2014-2015

14  
19/8/20



PREPARATION AND OPTIMIZATION OF CHITOSIN MICROSPHERE CONTAINING  
ANTI DIABETIC DRUG

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

HYDERABAD

In The Partial Fulfillment Of The Requirements For

The Award Of The Degree Of

Master Of Pharmacy

In

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Sree Datta Institute Of Pharmacy

Sheriguda, Ibrahimpatnam, Hyderabad -501510

2014-2015

FORMULATION AND IN VITRO EVALUATION OF TWICE DAILY MINI TABLETS OF  
PREGABALIN

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

HYDERABAD

In The Partial Fulfillment Of The Requirements For  
The Award Of The Degree Of

Master Of Pharmacy

In

Pharmacy

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Sree Datta Institute Of Pharmacy

Sheriguda, Ibrahimpatnam, Hyderabad -501510

2014-2015

NO  
19/8/14

**FORMULATION AND EVALUATION OF ASENAPINE  
MALEATE FAST DISSOLVING SUBLINGUAL TABLETS**

*Dissertation Submitted to*

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
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**MASTER OF PHARMACY**

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AUGUST – 2015.**

PREPARATION AND OPTIMIZATION OF CHITOSIN MICROSPHERE CONTAINING  
ANTI DIABETIC DRUG

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
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In The Partial Fulfillment Of The Requirements For

The Award Of The Degree Of

Master Of Pharmacy

In

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Sheriguda, Ibrahimpatnam, Hyderabad -501510

2014-2015



**PREPARATION AND OPTIMIZATION OF CHITOSIN MICROSPHERE CONTAINING  
ANTI DIABETIC DRUG**

A Thesis

Submitted To



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

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In The Partial Fulfillment Of The Requirements For

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2014-2015

REGULATORY AFFAIRS THAT AFFECT DRUG PRODUCT DESIGN

*Dissertation Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD.**

*In Partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**DEPARTMENT OF PHARMACEUTICAL MANAGEMENT AND REGULATORY AFFAIRS**

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**SREE DATTHA INSTITUTE OF PHARMACY,**

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*August-2015*

SOLUBILITY OF SUPERDISINTEGRANT FORMULATIONS AND IN VITRO  
CHARACTERIZATION OF FAST DISSOLVING TABLETS OF ALPRAZOLAM USING  
VARIOUS SUPERDISINTEGRANTS

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
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In The Partial Fulfillment Of The Requirements For

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2014-2015

# FORMULATION AND INVITRO EVALUATION OF ISONIAZID SUSTAINED RELEASE MATRIX TABLETS

**A THESIS**

*Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

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**MASTER OF PHARMACY**

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**2014-2015**



**“FORMULATION AND IN VITRO CHARACTERIZATION OF  
ARMODAFINIL FAST DISSOLVING TABLETS BY  
EFFERVESCENT METHOD “**

**A THESIS**

*Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
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*In the partial fulfillment of the requirement for  
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**SREE DATTHA INSTITUTE OF PHARMACY  
SHERIGUDA, IBRAHIMPATNAM, HYDERABAD – 501510  
2014-2015**

DEVELOPMENT AND IN VITRO EVALUATION OF CEFDROXIL FAST DISSOLVING TABLETS  
USING NOVEL SUPERDISINTEGRANTS

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

In The Partial Fulfillment Of The Requirements For

The Award Of The Degree Of

Master Of Pharmacy

In

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2014-2015

# **FORMULATION AND EVALUATION OF NANO PARTICLES CONTAINING SILVER IN GEL**

**A THESIS**

*Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

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**MASTER OF PHARMACY**

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**SREE DATTHA INSTITUTE OF PHARMACY**

**SHERIGUDA, IBRAHIMPATNAM, HYDERABAD – 501510**

**2014-2015**

**FORMULATION AND EVALUATION OF FAST  
DISSOLVING SUBLINGUAL TABLETS OF LOVASTATIN**

*Dissertation Submitted to*

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
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**MASTER OF PHARMACY**

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AUGUST – 2015.**



**DESIGN DEVELOPMENT AND INVITRO  
CHARACTERISATION OF MOUTH DISSOLVING  
TABLETS OF ALBENDAZOLE BY SUBLIMATION  
METHOD**

*Dissertation Submitted to*

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
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**MASTER OF PHARMACY**

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RANGA REDDY, TELANGANA STATE  
DECEMBER – 2015.**

**DESIGN DEVELOPMENT AND INVITRO EVALUATION  
OF ORODISPERSIBLE TABLETS OF BETAMETHASONE  
USING COPROCESSED METHOD**

*Dissertation Submitted to*

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**FORMULATION AND IN VITRO EVALUATION OF  
SUSTAINED RELEASE TABLETS OF NIZATIDINE**

*Dissertation Submitted to*

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DECEMBER – 2015.**

**FORMULATION AND EVALUATION OF SUSTAINED RELEASE  
DRUG OF NIFEDIPINE BY USING VARIOUS POLYMERS**

**A THESIS**

*Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

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**MASTER OF PHARMACY**

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**FORMULATION AND EVALUATION OF FAST  
DISSOLVING SUBLINGUAL TABLETS OF LOVASTATIN**

*Dissertation Submitted to*

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**DEPARTMENT OF PHARMACEUTICS  
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AUGUST – 2015.**

**PREPARATION AND EVALUATION OF SUSTAINED  
RELEASE TABLETS OF METFORMIN BY USING  
VARIOUS PLOYMERS**

*Dissertation Submitted to*

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**DEPARTMENT OF PHARMACEUTICS  
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DECEMBER – 2015.**

DEVELOPMENT AND IN VITRO EVALUATION OF CEFDROXIL FAST DISSOLVING TABLETS  
USING NOVEL SUPERDISINTEGRANTS

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

In The Partial Fulfillment Of The Requirements For

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Master Of Pharmacy

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Sree Datta Institute Of Pharmacy

Sheriguda, Ibrahimpatnam, Hyderabad -501510

2014-2015

DEVELOPMENT AND IN VITRO EVALUATION OF CEFDROXIL FAST DISSOLVING TABLETS  
USING NOVEL SUPERDISINTEGRANTS

A Thesis

Submitted To



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

In The Partial Fulfillment Of The Requirements For

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2014-2015



**EFFECT OF VARIOUS POLYMERS ON DRUG RELEASE OF  
EFFERVESCENT FLOATING TABLETS OF HYDRALAZINE  
HCL**

**A THESIS**

*Submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

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**MASTER OF PHARMACY**

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**SREE DATTHA INSTITUTE OF PHARMACY**

**SHERIGUDA, IBRAHIMPATNAM, HYDERABAD – 501510**

**2014-2015**

**“FORMULATION AND EVALUATION OF MOUTH DISSOLVING  
TABLETS OF AZITHROMYCIN PREPARED BY SOLID DISPERSION  
METHOD USING TASTE MASKING AGENTS”**

**A THESIS**

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
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**MASTER OF PHARMACY  
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**SREE DATTHA INSTITUTE OF PHARMACY  
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2014-2015**

# **"REGULATORY STRATEGIES FOR DRUG MASTER FILE IN REGULATED MARKETS"**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY, HYDERABAD**

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

**MASTER OF PHARMACY**

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**SEPTEMBER-2017**

# **"INTERNATIONAL CONFERENCE ON HARMONIZATION (ICH) STABILITY GUIDE LINES FOR PHARMACEUTICAL PRODUCTS"**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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**MASTER OF PHARMACY**

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# **“APPROVAL MANUFACTURE AND MARKETING REGULATIONS OF MEDICAL DEVICES IN REGULATED MARKETS”**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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*In the partial fulfillment of the requirements for the award of the degree of*

**MASTER OF PHARMACY**

*IN*

**Department of Pharmaceutical Management and Regulatory Affairs**

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**SEPTEMBER-2017**

APPROVED BY AICTE & PCI, NEW DELHI

# **"PHARMACEUTICAL DRUG APPROVAL PROCEDURE IN AUSTRALIA"**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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*In the partial fulfillment of the requirements for the award of the degree of*

**MASTER OF PHARMACY**

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**SEPTEMBER-2017**

# **"USFDA GUIDANCE TO NEW DRUG APPLICATION FOR STERILE PHARMACEUTICAL PRODUCTS"**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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*In the partial fulfillment of the requirements for the award of the degree of*

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# **“REGULATORY APPROVAL PROCEDURE IN CANADA”**

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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*In the partial fulfillment of the requirements for the award of the degree of*

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**NOVEMBER-2017**



**“FORMULATION DEVELOPMENT AND INVITRO  
EVALUTAIION OF FLUNARIZINE IMMEDIATE RELEASE  
TABLETS USING LIQUID SOLID COMPACTS”**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
HYDERABAD**

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

**MASTER OF PHARMACY**

**IN  
PHARMACEUTICS**

*By*

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**SEPTEMBER-2017**

# "FORMULATION DEVELOPMENT AND INVITRO EVALUATION OF IVABRADINE AND CARVIDIOL BI-LAYERED BUCCAL TABLETS"

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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**SEPTEMBER-2017**

# "FORMULATION DEVELOPMENT AND INVITRO EVALUATION OF ELVITAGRAVIR FAST DISOLVING TABLETS USING SOLID DISPERSION TECHNOLOGY"

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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*In the partial fulfillment of the requirements for the award of the degree of*

**MASTER OF PHARMACY**

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**SEPTEMBER-2017**

# "DESIGN AND INVITRO EVALUATION OF NARATRIPTAN ORAL DISPERSABLE TABLET"

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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**"FORMULATION CHARACTERISATION AND EVALUATION  
OF MICROSPONGES LOADED WITH CICLOPIROX FOR TRANSDERMAL  
DRUG DELIVERY"**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD**

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**SEPTEMBER-2017**

# **“FORMULATION AND EVALUATION OF SUSTAINED RELEASE ESOMEPRAZOLE DOUBLE WALLED MICROSPHERES”**

*A Dissertation submitted to the*



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**SEPTEMBER-2017**

**"FORMULATION DEVELOPMENT AND INVITRO EVALUATION  
OF DOXIRUBICIN PRONIOSOMES"**

*A Dissertation submitted to the*



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**SEPTEMBER-2017**

# **"FORMULATION DEVELOPMENT AND INVITATO EVVALUATION OF CLOPIDEGRAL FAST DISSOLVING TABLET USING DISPERSION TECHNIQUE"**

*A Dissertation submitted to the*



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**SEPTEMBER-2017**



**"DESIGN AND CHARACTERIZATION AND INVITRO EVALUATION OF  
AZATHIOPRINE COLON TARGETED DRUG DELIVERY SYSTEM"**

*A Dissertation submitted to the*



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# **“FORMULATION DEVELOPMENT AND INVITRO EVALUATION OF LAMIVUDINE AND ISONIAZIDE BI LAYER TABLETS”**

*A Dissertation submitted to the*



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# **"DESIGN AND CHARACTERIZATION AND INVITRO EVALUATION OF AZATHIOPRINE COLON TARGETED DRUG DELIVERY SYSTEM"**

*A Dissertation submitted to the*



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**SEPTEMBER-2017**

# "FORMULATION AND EVALUATION OF ALBUTEROL PULSIN CAP FOR PULSATILE DRUG DELIVERY "

*A Dissertation submitted to the*



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**SEPTEMBER-2017**



**“FORMULATION DEVELOPMENT AND  
INVITRO EVALUATION OF LORATIDINE POROUS TABLET  
BY USING SUBLIMATING TECHNIQUE ”**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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# **“FORMULATION AND EVALUATION OF MEFENAMIC ACID ETHOSOMAL GEL”**

*A Dissertation submitted to the*



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**SEPTEMBER-2017**

**“FORMULATION DEVELOPMENT AND INVITRO  
EVALUATION OF BOSANTAN CONTROLLED  
RELEASE TABLETS”**

*A Dissertation submitted to the*



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**"FORMULATION DEVELOPMENT AND INVITRO EVALUATION OF  
INRINOTECAN HCL TABLET FOR COLON TARGETED DRUG DELIVERY"**

*A Dissertation submitted to the*



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

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**SEPTEMBER-2017**



**“FORMULATION DEVELOPMENT AND INVITRO  
EVALUATION OF  
REPAGLINIDE SUSTAINED RELEASE TABLETS”**

*A Dissertation submitted to the*



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**SEPTEMBER-2017**

# **“FORMULATION DEVELOPMENT AND INVITRO EVALUATION OF ONDANSETRON ETHOSOMES”**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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# FORMULATION CHARACTERISATION AND EVALUATION OF MICRO BALLOONS LOADED WITH MICONAZOLE FOR TRANSDERMAL DRUG DELIVERY

*A Dissertation submitted to the*



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

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**SEPTEMBER-2017**



**ANALYTICAL METHOD DEVELOPMENT AND  
VALIDATION OF  
DIACEREIN CAPSULES BY RP-HPLC**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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*In the partial fulfillment of the requirements for the award of the degree of*

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**SEPTEMBER-2017**



**A NEW RP-HPLC METHOD DEVELOPMENT AND  
VALIDATION OF NEBIVOLOL AND VALSARTAN IN  
TABLET DOSAGE FORM**

*A Dissertation submitted to the*



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

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**SEPTEMBER-2017**

**"A NEW ANALYTICAL METHOD DEVELOPMENT AND  
VALIDATION OF CEFTRIAXONE SODIUM AND VANCOMYCIN IN  
PHARMACEUTICAL DOSAGE FORM RP-HPLC METHOD"**

***A Dissertation submitted to the***



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

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**SEPTEMBER-2017**

**"VALIDATED METHOD DEVELOPMENT FOR THE SIMULTANEOUS  
ESTIMATION OF ETOFYLLINE AND THEOPHYLLINE BY RP-HPLC  
METHOD IN BULK AND ITS PHARMACEUTICAL DOSAGE FORM"**

*A Thesis submitted to*



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*In the partial fulfillment  
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**MASTER OF PHARMACY  
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**“STABILITY INDICATING, METHOD DEVELOPMENT AND  
VALIDATION OF TIZANIDINE AND NIMESULIDE IN  
TABLET DOSAGE FORM BY RP-HPLC METHOD”**

*A Dissertation submitted to the*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
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**“METHOD DEVELOPMENT AND VALIDATION OF  
ACECLOFENAC AND TIZANIDINE PHARMACEUTICAL  
DOSAGE FORMS BY DEVELOPING NEW RP HPLC  
METHOD”**

*A Dissertation submitted to the*



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**"A NEW ANALYTICAL METHOD DEVELOPMENT AND  
VALIDATION OF  
ESCITALOPRAM AND FENOFIBRATE IN TABLET DOSAGE FORM BY  
RP-HPLC METHOD "**

*A Dissertation submitted to the*



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**SEPTEMBER-2017**

**METHOD DEVELOPMENT AND VALIDATION OF ASPIRIN AND CLOPIDOGREL  
PHARMACEUTICAL DOSAGE FORM BY DEVELOPING NEW RP HPLC METHOD**

*A Dissertation submitted to*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

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