



# M.A.M COLLEGE OF PHARMACY

Kesanupalli, Narasaroep-522601

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(Recognized under UGC section 2F & 12B of UGC Act)

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## B.PHARMACY STUDENTS UNDERTAKING PROJECT WORK

A.Y: 2021-2022

S.No.	Regd.No.	Name of the Student
1.	Y18PH2001	Batchu Shyamala Devi
2.	Y18PH2002	Golla Naveen
3.	Y18PH2003	Indlamuri Parasuram
4.	Y18PH2004	Jagarlamudi Rambabu
5.	Y18PH2005	Javvaji Naga Sri Vidya Gayatri
6.	Y18PH2006	Mandalapu Harshavardhan
7.	Y18PH2007	Melam Mahesh
8.	Y18PH2009	Ponugubati Prudhvi
9.	Y18PH2010	Sangula Joel Vandhan
10.	Y18PH2011	Seelam Swapna
11.	Y18PH2012	Shaik Ayesha Siddikha Ansari
12.	Y18PH2013	Thammisetty Praveen Kumar
13.	Y18PH2014	Vemula Kalyan
14.	Y18PH2015	Yamarthi Srinivasa Rao
15.	Y18PH2016	Amireddy Thriveni
16.	Y18PH2017	Burri Ganesh
17.	Y18PH2018	Chandrapatla VSRNSA Lakshmi Kanth
18.	Y18PH2019	Chilaka Mary
19.	Y18PH2020	Chillakuru Sukanya
20.	Y18PH2022	Choppa Lakshmi Prasanna
21.	Y18PH2023	Darla Bhanu Chand
22.	Y18PH2024	Dasari Ravi Teja
23.	Y18PH2025	Dokku Sandhya Rani
24.	Y18PH2026	Ediga Vamsi
25.	Y18PH2027	Enubarla Timothy
26.	Y18PH2028	Ganji Phanindra Sai
27.	Y18PH2029	Ganta Gopichand
28.	Y18PH2030	Gorantla Chaitra Veena

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29.	Y18PH2031	Gorantla Nagarjuna
30.	Y18PH2033	Jyothi Pushpa
31.	Y18PH2034	Kaki Ricky Joseph
32.	Y18PH2035	Kamatham Sai Pranay
33.	Y18PH2036	Kantu Thirumala Srinivasa Rao
34.	Y18PH2037	Kastala Raja Mani
35.	Y18PH2038	Kata Sri Lakshmi Bhavani
36.	Y18PH2039	Katakam Veera Venkata Vara Prasad
37.	Y18PH2040	Katta Venkata Siva
38.	Y18PH2041	Katuri Sobha Rani
39.	Y18PH2042	Komatiguntla Chennakesavulu
40.	Y18PH2043	Konda Mamatha
41.	Y18PH2045	M Vasmsi Sai Krishna
42.	Y18PH2046	Manam Revathi Devi
43.	Y18PH2047	Markapudi Yesu Rani
44.	Y18PH2048	Marupakula Siva Gopi
45.	Y18PH2049	Medara Ruthu
46.	Y18PH2050	Mettela Venkata Anil Kumar Yadav
47.	Y18PH2051	Nayudu Sathvika
48.	Y18PH2052	Nuthalapati Satish Kumar
49.	Y18PH2053	Pendli Anusha
50.	Y18PH2054	Penubakula Chandu Sri
51.	Y18PH2055	Peravali Veera Udaya Babu
52.	Y18PH2056	Pujala Naga Jyothi
53.	Y18PH2057	Pulapa Nooka Babu
54.	Y18PH2058	Pullagura Ajay
55.	Y18PH2059	Remdeni Naga Jyothi
56.	Y18PH2060	Sannayulu Srinivas
57.	Y18PH2061	Setti Arogyamma
58.	Y18PH2062	Shaik Apsar
59.	Y18PH2063	Shaik China Baji
60.	Y18PH2064	Shaik Gouse Khalandar
61.	Y18PH2065	Shaik Haseena Begum
62.	Y18PH2066	Shaik Imiran
63.	Y18PH2067	Shaik Mastanbi
64.	Y18PH2068	Shaik Mohammad Khuddoos

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65.	Y18PH2069	Shaik Noor Basha Sharmila
66.	Y18PH2070	Siddi Pavan Kumar
67.	Y18PH2071	Talari Vinay Sai
68.	Y18PH2072	Thappeta Stalin
69.	Y18PH2073	Uyyala Eswar Gopi
70.	Y18PH2074	Vankadavath Govind Naik
71.	Y18PH2076	Akula Nagendra Babu
72.	Y18PH2077	Katra Priya
73.	Y18PH2078	Kondareddy Madhav Reddy
74.	Y18PH2079	Madda Venkata Reddy
75.	Y18PH2080	Mohamatam Srilakshmi
76.	Y18PH2081	Pattan Nagoor Shareef

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## B.PHARMACY STUDENTS UNDERTAKING PROJECT WORK

A.Y: 2021-2022

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-I	Y18PH2037	K.Rajamani	N.Srinivasulu	Preliminary Phytochemical Analysis Of Ethanolic Extract Of Tinospora Cordifolia Leaves
	Y18PH2048	B.Koteswara Rao		
	Y18PH2041	K.Sridevi		
	Y18PH2051	K.Vijaya Saradhi		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-II	Y18PH2006	M.Harsh Vardhan	P.Lakshman Rao	Enhancement Of Solubility And Dissolution Rate Of Cefdinir Employing Hydrochloric Carriers
	Y18PH2019	Ch.Mary		
	Y18PH2022	Ch. Laksmi Prasanna		
	Y18PH2026	E.Vamsi		
	Y18PH2050	M.Venkata Anil Kumar		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-III	Y18PH2016	A.Thriveni	Ch.Kareheek	Evaluation Of Antihemolytic Activity Of Green Tea Aqueous Extract By In Vitro Method
	Y18PH2018	Ch.Vsrnsa Lakshmi Kanth		
	Y18PH2064	Sk.Gouse Khalandar		
	Y18PH2073	U. Eswar Gopi		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-IV	Y18PH2027	Enubarla Timothy	J.Nagaraja	Formulation And Evaluation Of Valasartan Porous Tablets
	Y18PH2031	Gorantlanagarjuna		
	Y18PH2036	Kantuthirumalasarinasarao		
	Y18PH2058	Pullagura Ajay		

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Group No	Regd No	Name of The Student	Guide	Project Title
Batch-V	Y18PH2017	Burriganesh	K.Gayatri devi	Rp-Hplc Method Development Andvalidation Of Darifenacin Hydrobromide In Pure And Pharmaceutical Dosage Form
	Y18PH2053	Pendlianusha		
	Y18PH2055	Peravaliveeraudayababu		
	Y18PH2056	Pujala Naga Jyothi		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-VII	Y18PH2003	Indlamuriparasuram	G,Sumanajili	Synthesis Characterization And Anti-Inflamattory Activity Of Novel Bis Hetro Cyclic Derivatives
	Y18PH2004	Jagarlamudirambabu		
	Y18PH2005	Javvaji Naga Sri Vidyagayatri		
	Y18PH2013	Thammisetty Praveen Kumar		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-VIII	Y18PH2020	Chillakurusukanya	M.Chandana	Stability Indicating Rp-Hplc Method Development And Validation For The Determination Of Selumetinib Antineoplastic Drug In Bulk Drug And Pharmaceutical Formulations
	Y18PH2023	D.Bhanu Chandu		
	Y18PH2028	Ganjiphanindrasai		
	Y18PH2038	Kata Sri Lakshmi bhavani		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-IX	Y18PH2024	Dasari Ravi Teja	Dr.Y.Narasimha Rao	In-Vitro Anthlmentic Activity Of Ethanolic Extract of Lawsonia Inermis Leaves Lawsonia Inermis Leaves
	Y18PH2081	PattanNagoorShareef		
	Y18PH2077	KatraPriya		
	Y18PH2012	Shaik Ayesha SiddikhaAnsari		
	Y18PH2007	Melam Mahesh		

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Group No	Regd No	Name of The Student	Guide	Project Title
Batch-X	Y18PH2039	K.Vara Prasad	Dr.M.Prasada Rao	Development,Validation Of Simple ,Rapid Uv Spectroscopic Methods For The Estimation Of Lamivudine And Zidovidine In Bulk And Formulations
	Y18PH2049	MedaraRuthu		
	Y18PH2063	Shaik China Baji		
	Y18PH2066	ShaikImiran		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-XI	Y18PH2002	GollaNaveen	S.Rajini	Qualitqtive And Quantitative Phytochemical Analysis Of Indian Medicinal Plants
	Y18PH2010	Sangula Joel Vandhan		
	Y18PH2045	M VasmsiSai Krishna		
	Y18PH2067	ShaikMastanbi		
	Y18PH2002	GollaNaveen		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-XII	Y18PH2068	Shaik Mohammad Khuddoos	B.Rama Rao	A Rapid Hplc Method Development And Validation For The Quantification Of Antiprotozoal S-Nifurtmox In Bulk Drug And Pharmaceutical Formulation
	Y18PH2070	SiddiPavan Kumar		
	Y18PH2071	TalariVinaySai		
	Y18PH2072	Thappeta Stalin		
	Y18PH2011	SeelamSwapna		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-XIII	Y18PH2047	MarkapudiYesuRani	K.Tirumala Devi	A Rapid Hplc Method Development And Validation For The Quantification Of Antiprotozoal S-Nifurtmox In Bulk Drug And Pharmaceutical Formulation
	Y18PH2056	Pujala Naga Jyothi		
	Y18PH2059	Remdeni Naga Jyothi		
	Y18PH2062	ShaikApsar		

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Group No	Regd No	Name of The Student	Guide	Project Title
Batch-XIV	Y18PH2009	PonugubatiPrudhvi	T.Bhavani Ramesh	Evaluations Of Services, Functions And Management Of Hospital
	Y18PH2040	KattaVenkata Siva		
	Y18PH2046	ManamRevathi Devi		
	Y18PH2080	MohamatamSrilakshmi		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-XV	Y18PH2025	DokkuSandhyaRani	Sk.Jasmine	Regulatory Process For Generic Drug Registration As Per Usfda And Ctd Requirment
	Y18PH2030	GorantlaChaitraVeena		
	Y18PH2042	KomatiguntlaChennakesavulu		
	Y18PH2076	AkulaNagendraBabu		

Group No	Regd No	Name of The Student	Guide	Project Title
Batch-XVI	Y18PH2014	VemulaKalyan	K.V.Ramanjinayulu	A Novel Stability Indicating Method Develoment And Validation Of Delafloxacin By Rp-Hplc
	Y18PH2034	Kaki Ricky Joseph		
	Y18PH2052	NuthalapatiSatish Kumar		
	Y18PH2069	ShaikNoorBashaSharmila		

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M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopet (M.D.)  
Guntur (Dt.), 522 60

PRELIMINARY PHYTOCHEMICAL ANALYSIS OF ETHANOLIC EXTRACT  
OF *TINOSPORA CORDIFOLIA* LEAVES

A Thesis Submitted to the  
Acharya Nagarjuna University,  
Nagarjuna Nagar, Guntur District, Andhra Pradesh.



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

**BACHELOR OF PHARMACY**

By

K.RAJAMANI - Y18PH2037      M.SIVA GOPI- Y18PH2048  
K.SHOBA RANI - Y18PH2041      N.SATHVIKA-Y18PH2051

Under The Guidance of  
Prof.N.SRINIVASULU .,M.Pharm

Dept.of pharmacology



Kesanupalli, Narasaraopet-522601, Guntur,(A.P)

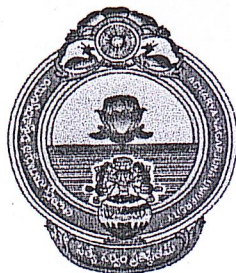
JUNE-2022

**PRINCIPAL**  
**M.A.M. College of Pharmacy**  
KESANUPALLI (Po.), Narasaraopet (Md.),  
Guntur (Dt.), Pin : 522 601.



**ENHANCEMENT OF SOLUBILITY AND DISSOLUTION  
RATE OF CEFDINIR EMPLOYING HYDROPHILIC  
CARRIERS**

**A Thesis Submitted to  
Acharya Nagarjuna University,  
Nagarjuna Nagar, Guntur District, Andhra Pradesh.**



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

**BACHELOR OF PHARMACY**

Submitted by

**M. HARSHA VARDHAN(Y18PH2006) CH.MARY(Y18PH2019)  
CH. LAKSHMI PRASANNA(Y18PH2022) E.VAMSI (Y18PH2026)  
M.VENKATA ANIL KUMAR YADAV(Y18PH2050)**

Under The Guidance Of  
**Mr. LAKSHMANA RAO. P, M. Pharm., (Ph. D)**  
Associate Professor,  
Department of Pharmaceutics



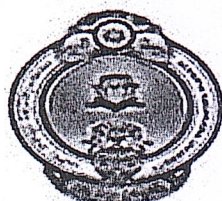
**Kesanupalli, Narasaraopet-522601, Guntur, (A.P)**

**JULY-2022**

**PRINCIPAL**  
**M.A.M. College of Pharmacy**  
**KESANUPALLI (Po.), Narasaraopet (Dist.),**  
**Guntur (Dt.), Pin : 522 601.**

**FORMULATION AND EVALUATION OF VALSARTAN POROUS TABLETS**

**Dissertation Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



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

**Submitted by**

<b>E. TIMOTHY</b>	<b>Y18PH2027</b>
<b>G. NAGARJUNA</b>	<b>Y18PH2031</b>
<b>K. THIRUMALA SRINIVASA RAO</b>	<b>Y18PH2036</b>
<b>P. AJAY</b>	<b>Y18PH2058</b>

**Under the esteemed guidance of  
Mrs. J. NAGARAJA M. Pharm  
Assistant Professor  
Department of Pharmaceutics**



**M.A.M. COLLEGE OF PHARMACY**

**(Approved by AICTE & PCI, New Delhi, recognized by govt. of A.P. and Affiliated to ANU)  
Kesanupalli (PO), Narasaraopet- 522601, Guntur Dist. (AP).**

**2021-2022**

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**KESANUPALLI (Po.), Narasaraopet (Dist.)**  
**Guntur (Dt.), Pin : 522 601.**



**M.A.M COLLEGE OF PHARMACY**

**Kesanupalli, Narasaraopet, Guntur Dist., Andhra Pradesh, INDIA.**

**Affiliated to Acharya Nagarjuna University**

**Recognized by AICTE and PCI, INDIA**

**CERTIFICATE**

This is to certify that the main project Work entitled "FORMULATION AND EVALUATION OF VALSARTAN POROUS TABLETS" is a bonafide review work done by

<b>E. TIMOTHY</b>	<b>Y18PH2027</b>
<b>G. NAGARJUNA</b>	<b>Y18PH2031</b>
<b>K. THIRUMALA SRINIVASA RAO</b>	<b>Y18PH2036</b>
<b>P. AJAY.</b>	<b>Y18PH2058</b>

under the guidance of Mrs. J. NAGARAJA M.Pharm, M.A.M College of Pharmacy, Kesanupalli, Narasaraopet as a partial fulfillment of the requirement for the award of Degree in Bachelor of Pharmacy , to Acharya Nagarjuna University , Nagarjuna Nagar, Guntur in a bonafide work carried out under my supervision, During the academic year direct guidance and 2021-2022.

Place: Kesanupalli

Date: 03/08/2022

*J. Nagaraja*  
Project Guide

Mrs J. NAGARAJA, M.Pharm,  
Dept. of pharmaceutics

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KESANUPALLI (Po.), Narasaraopet (Ma.)  
Guntur (Dt.), 522 60

**RP-HPLC METHOD DEVELOPMENT AND  
VALIDATION OF DARIFENACIN HYDROBROMIDE IN  
PURE AND PHARMACEUTICAL DOSAGE FORM**

A Thesis

*Submitted to*

ACHARYA NAGARJUNA UNIVERSITY,  
NAGARJUNA NAGAR, GUNTUR, ANDHRA PRADESH.



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

**BACHELOR OF PHARMACY**

Submitted by

B. GANESH

Y18PH2017

JYOTHI PUSHPA

Y18PH2033

P. ANUSHA

Y18PH2053

P. V. UDAYA BABU

Y18PH2055

Under the Guidance of

Mrs. K. GAYATHRI DEVI,

M. Pharm.

Assistant professor

Department of pharmaceutical analysis



MEDARAMETLA ANJAMMA MASTANRAO COLLEGE OF PHARMACY  
KESANUPALLI (P.O), NARASARAOPET, PALNADU (District), 522601, A. P. INDIA

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Guntur (Dt.), Pin : 522 601.



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### CERTIFICATE

This is to certify that the main project work entitled “RP-HPLC METHOD DEVELOPMENT AND VALIDATION OF DARIFENACIN HYDROBROMIDE IN PURE AND PHARMACEUTICAL DOSAGE FORM” was carried by B. GANESH, JYOTHI PUSHPA, P. ANUSHA, P. V. UDAYA BABU under the guidance of, Mrs. K. GAYATHRI DEVI, M.Pharm., Assistant Professor, Department of pharmaceutical Analysis, M.A.M College of pharmacy, Kesanupalli, Narasaraopet, to Acharya Nagarjuna University, Nagarjuna Nagar, Guntur in the partial fulfillment of the requirements for the award of degree in Bachelor of Pharmacy, during the academic year 2021-22.

Place: Kesanupalli

Date: 3-8-22

Mrs. K. GAYATHRI DEVI, M. Pharm.

Assistant Professor,

Dept. of Pharmaceutical analysis,

M.A.M. College of Pharmacy.

PRINCIPAL  
M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopet  
Guntur (DL), 522 60

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**SYNTHESIS CHARACTERIZATION AND ANTI-INFLAMMATORY  
ACTIVITY OF NOVEL BIS HETERO CYCLIC DERIVATIVES**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



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

**Submitted by**

<b>INDLAMURI PARASURAM</b>	<b>(Y18PH2003)</b>
<b>JAGARLAMUDI RAMBABU</b>	<b>(Y18PH2004)</b>
<b>JAVVAJLN.S.V. GAYATRI</b>	<b>(Y18PH2005)</b>
<b>THAMMISETTY PRAVEEN KUMAR</b>	<b>(Y18PH2013)</b>

**Under the esteemed guidance of  
MS.G. SUMANJALI M.pharm  
Department of Pharmaceutical chemistry**



**M.A.M COLLEGE OF PHARMACY  
KESANUPALLI, NARASARAOPET-522601, GUNTUR, 2022**

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**M.A.M COLLEGE OF PHARMACY**

**Kesanupalli, Narasaraopet, Guntur Dist., Andhra Pradesh, INDIA.**

**Affiliated to Acharya Nagarjuna University**

**Recognized by AICTE and PCI, INDIA**

**CERTIFICATE**

**This is to certify that the main project work entitled "SYNTHESIS CHARACTERIZATION AND ANTI-INFLAMMATORY ACTIVITY OF NOVEL BIS HETERO CYCLIC DERIVATIVES"**

<b>INDLAMURI PARASURAM</b>	<b>(Y18PH2003)</b>
<b>JAGARLAMUDI RAMBABU</b>	<b>(Y18PH2004)</b>
<b>JAVVAJLN.S.V. GAYATRI</b>	<b>(Y18PH2005)</b>
<b>THAMMISSETTY PRAVEEN KUMAR</b>	<b>(Y18PH2013)</b>

Under the esteemed guidance of MS.G.SUMANJALI M.Pharm Department of pharmaceutical chemistry as a partial fulfillment of the requirements for the award of the degree in Bachelor of Pharmacy, ACHARYA NAGARJUNA UNIVERSITY, Nagarjuna Nagar, Guntur. She awarded for bonfide work carried out on her guidance and supervision during the academic year 2021-2022.

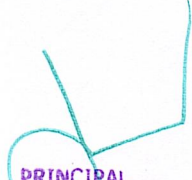
  
MS.G.SUMANJALI M. pharm

Department of Pharmaceutical Chemistry

M.A.M College of Pharmacy, Narasaraopet

Date: 03-08-2022

Place: Kesanupalli

  
PRINCIPAL  
M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopet  
Guntur (Dt.), 522 60

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**STABILITY-INDICATING RP-HPLC METHOD DEVELOPMENT AND  
VALIDATION FOR THE DETERMINATION OF SELUMETINIB -AN  
ANTINEOPLASTIC DRUG IN BULK DRUG AND PHARMACEUTICAL  
FORMULATIONS**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



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

**Submitted by**

<b>CHILLAKURU SUKANYA</b>	<b>(Y18PH2020)</b>
<b>DARLA BHANU CHANDU</b>	<b>(Y18PH2023)</b>
<b>GANJI PHANINDRA SAI</b>	<b>(Y18PH2028)</b>
<b>KATA SRI LAKSHMI BHAVANI</b>	<b>(Y18PH2038)</b>

**Under the esteemed guidance of**

**MS.M.CHANDANA<sup>M.pharm,(Ph.D)</sup>**

**Department of Pharmaceutical Analysis**



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**KESANUPALLI, NARASARAOPET-522601, GUNTUR, 2022**

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**Affiliated to Acharya Nagarjuna University**

**Recognized by AICTE and PCI, INDIA**

**CERTIFICATE**

**This is to certify that the main project work entitled "STABILITY-INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE DETERMINATION OF SELUMETINIB- AN ANTINEOPLASTIC DRUG IN BULK DRUG AND PHARMACEUTICAL FORMULATIONS"**

<b>CHILLAKURU SUKANYA</b>	<b>(Y18PH2020)</b>
<b>DARLA BHANU CHANDU</b>	<b>(Y18PH2023)</b>
<b>GANJI PHANINDRA SAI</b>	<b>(Y18PH2028)</b>
<b>KATA SRI LAKSHMI BHAVANI</b>	<b>(Y18PH2038)</b>

**Under the esteemed guidance of MS.M.CHANDANAM, M.Pharm, (Ph.D) Department of pharmaceutical analysis as a partial fulfillment of the requirements for the award of the degree in Bachelor of Pharmacy, ACHARYA NAGARJUNA UNIVERSITY, Nagarjuna Nagar, Guntur. She awarded for bonfide work carried out on her guidance and supervision during the academic year 2021-2022.**

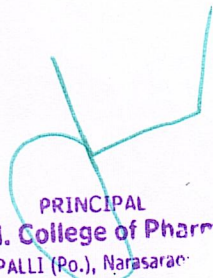
  
**MS.M.CHANDANAM, Pharm, (Ph.D)**

**Department of Pharmaceutical Analysis**

**M.A.M College of Pharmacy, Narasaraopet**

**Date: 03/08/22**

**Place: Kesanupalli**

  
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**KESANUPALLI (Po.), Narasaraopet**  
**Guntur (Dt.), 522 60**

***IN-VITRO* ANTHELMINTIC ACTIVITY OF ETHANOLIC EXTRACT OF  
*LAWSONIA INERMIS* LEAVES**

A Thesis Submitted to the

Acharya Nagarjuna University,

Nagarjuna Nagar, Guntur District, Andhra Pradesh.



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

**BACHELOR OF PHARMACY**

By

M.MAHESH (Y18PH2007), SK. AYESHA SIDDIK HAANSARI (Y18PH2012)

D.RAVI TEJA (Y18PH2024), K. PRIYA (Y18PH2077)

SK.P. NAGOOR SHAREEF (Y18PH2081)

Under The Guidance of

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Professor&HOD

Dept.of pharmacology



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Kesanupalli, Narasaraopet-522601, Guntur,(A.P),

JUNE-2022

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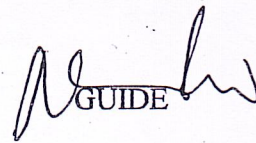


Kesanupalli, Narasaraopet, A.P, India

Affiliated to Acharya Nagarjuna University and Recognized By AICTE&PCI, INDIA

CERTIFICATE

This is to certify that the thesis entitled "*IN-VITRO* ANTHELMINTIC ACTIVITY OF ETHANOLIC EXTRACT OF *LAWSONIA INERMIS* LEAVES" has been carried out by A. M.MAHESH, SK.AYESHA SIDDIK HAANSARI, D.RAVI TEJA, K.PRIYA, SK.P. NAGOOR SHAREEF at M.A.M College of Pharmacy, Narasaraopet, A.P, and India. The work is original and has not been submitted in part or full for any other Institutes and in the partial fulfillment of the requirements for the award of degree in Bachelor of Pharmacy to Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, carried out under my supervision during the academic year 2021- 2022

  
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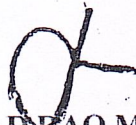
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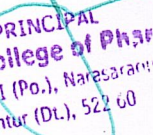
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<b>KATAKAMVEERA VENKATA VARA PRASAD</b>	<b>(Y18PH2039)</b>
<b>MEDARA RUTHU</b>	<b>(Y18PH2049)</b>
<b>SHAIK CHINNA BAJI</b>	<b>(Y18PH2063)</b>
<b>SHAIK IMIRAN</b>	<b>(Y18PH2066)</b>

Under the esteemed guidance of Dr.M. PRASAD RAO M.P.harm,Ph.D, of pharmaceutical analysis as a partial fulfillment of the requirements for the award of the degree in Bachelor of Pharmacy, ACHARYA NAGARJUNA UNIVERSITY, Nagarjuna Nagar, Guntur. She awarded for bonfide work carried out on his guidance and supervision during the academic year 2021-2022.

Date: 03/08/2022  
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**QUALITATIVE AND QUANTITATIVE PHYTO  
CHEMICAL ANALYSIS OF INDIAN MEDICINAL PLANTS**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



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

**Submitted by**

<b>G. NAVEEN</b>	<b>(Y18PH2002)</b>
<b>S. JOEL VANDHAN</b>	<b>(Y18PH2010)</b>
<b>M.VAMSI SAI KRISHNA</b>	<b>(Y18PH2045)</b>
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**2021-2022**

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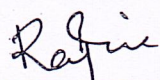
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**CERTIFICATE**

This is to certify that the main project work entire **“QUALITATIVE AND QUANTITATIVE PHYTO CHEMICAL ANALYSIS OF INDIAN MEDICINAL PLANTS”**

<b>GOLLA NAVEEN</b>	<b>(Y18PH2002)</b>
<b>SANGULA JOEL VANDHAN</b>	<b>(Y18PH2010)</b>
<b>MADASU VAMSI SAI KRISHNA</b>	<b>(Y18PH2045)</b>
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Under the esteemed guidance of Mrs. **RAJINI SUDIREDDY M.Pharm., (Ph.D)** as a partial fulfillment of the requirements for the award of the degree in Bachelor of Pharmacy, **ACHARYA NAGARJUNA UNIVERSITY, Nagarjuna Nagar, Guntur.** She awarded for bonfide work carried out on her guidance and supervision during the academic year 2021-2022.

  
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Place: Kesanupalli

  
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Guntur (DL), 522 60

---

**A RAPID HPLC METHOD DEVELOPEMENT AND VALIDATION FOR  
THE QUANTIFICATION OF ANTI-PROTOZOALS-NIFURTIMOX IN  
BULK DRUG AND PHARMACEUTICAL FORMULATION**

**A Thesis Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



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

**Submitted by**

<b>SEELAM SWAPNA</b>	<b>[Y18PH2011]</b>
<b>SHAIK.MD.KHUDDOOS</b>	<b>[Y18PH2068]</b>
<b>SIDDI PAVAN KUMAR</b>	<b>[Y18PH2070]</b>
<b>TALARI VINAY SAI</b>	<b>[Y18PH2071]</b>
<b>THAPPETA STALIN</b>	<b>[Y18PH2072]</b>

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**CERTIFICATE**

**This is to certify that the main project work entitled "A RAPID HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE QUANTIFICATION OF ANTIPROTOZOALS-NIFURTIMOX IN BULK DRUG AND PHARMACEUTICAL FORMULATION"**

SHAIK.MD.KHUDDOOS	[Y18PH2068]
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SEELAM SWAPNA	[Y18PH2011]
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THAPPETA STALIN	[Y18PH2072]

Under the esteemed guidance of Mr.B.RAMARAO M.Pharm,(Ph.D) Department of pharmaceutical analysis as a partial fulfillment of the requirements for the award of the degree in Bachelor of Pharmacy, ACHARYA NAGARJUNA UNIVERSITY, Nagarjuna Nagar, Guntur. She awarded for bonfide work carried out on her guidance and supervision during the academic year 2021-2022.

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PRINCIPAL  
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Guntur (Dt.), 522 60



**CO-PROCESSED EXCIPIENTS: AN ANSWER TO THE CRITICAL  
PROBLEMS OF DIRECT COMPRESSION TECHNIQUE IN TABLET  
DOSAGE FORMS**

**Dissertation Submitted to  
ACHARYA NAGARJUNA UNIVERSITY  
NAGARJUNA NAGAR ,GUNTUR DISTRICT, ANDHRAPRADESH**

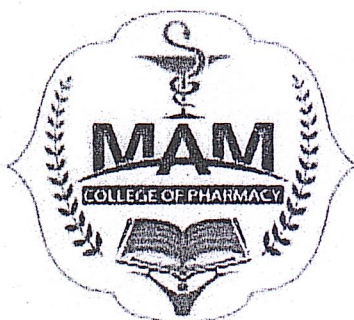


**In partial fulfillment of the requirements for the award of the degree of  
BACHELOR OF PHARMACY**

**Submitted by**

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Guntur (Dt.), Pin : 522 601.**



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This is to certify that the dissertation entitled "CO-PROCESSED EXCIPIENTS: AN ANSWER TO THE CRITICAL PROBLEMS OF DIRECT COMPRESSION TECHNIQUE IN TABLET DOSAGE FORMS" is a bonafide research work done by M. Yesu Rani, P. Naga Jyothi, R. Naga Jyothi, Sk. Apsar Under the guidance of K.Tirumala devi, M.Pharm,(Ph.D) M.A.M College of Pharmacy, Kesanupalli, Narasaraopet to Acharya Nagarjuna University, Nagarjuna Nagar, Guntur in partial fulfillment of award of degree in the Bachelor of Pharmacy during the academic year 2021-2022.

*K. Tirumala Devi*  
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Date: *03.08.2022*

K.Tirumala devi, M.Pharm,(Ph.D)  
Assistant Professor  
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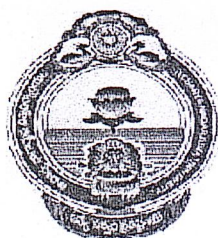
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KESANUPALLI (Po.), Narasaraopet  
Guntur (Dist.) 522 00

# EVALUATION OF SERVICES, FUNCTIONS AND MANAGEMENT OF THE HOSPITAL

A THESIS

Submitted to

ACHARYA NAGARJUNA UNIVERSITY



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

BY

PONUGUBATI. PRUDHVI  
KATTA. VENKATA SIVA  
MANAM. REVATHI DEVI  
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[Y18PH2046]  
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Under the esteemed guidance of  
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Kesanupalli (PO), Narasaraopet- 522601, Guntur Dist. (AP). 2021-2022

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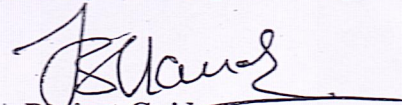
&

Submitted by

PONUGUBATI. PRUDHVI  
KATTA. VENKATA SIVA  
MANAM. REVATHI DEVI  
MOHAMATAM. SRI LAKSHMI

[Y18PH2009]  
[Y18PH2040]  
[Y18PH2046]  
[Y18PH2080]

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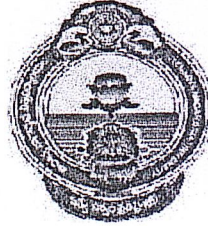
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Place: Kesamipalli

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KESAMIPALLI (Po.), Natasaraopet  
Guntur (Dt.), 522 60

**Regulatory Process for Generic Drug Registration  
As Per USFDA and CTD  
Requirements**

**A Thesis  
Submitted to**

**ACHARYA NAGARJUNA UNIVERSITY**



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

**BY**

**DOKKU. SANDHYA  
GORANTLA. CHAITHRA VEENA  
KOMATIGUNTLA. CHENNAKESAVULU  
AKULA. NAGENDRA BABU**

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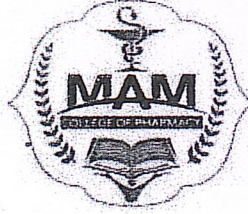
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## CERTIFICATE

This is to certify that the dissertation entitled "*Regulatory process for Generic Drug Registration as per USFDA and CTD Requirements*" is a bonafide review work done.

&

Submitted by

DOKKU. SANDHYA  
GORANTLA. CHAITHRA VEENA  
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AKULA. NAGENDRA BABU

[Y18PH2025]  
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[Y18PH2042]  
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*Jasmine*

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SK.JASMINE, M.Pharm,  
Assistant Professor  
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Date:

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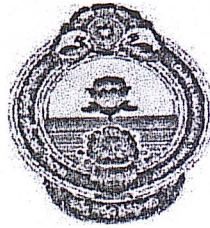
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Guntur (Dist.), 522 60

**A NOVEL STABILITY INDICATING METHOD  
DEVELOPMENT AND VALIDATION OF  
DELAFLORACIN BY RP-HPLC**

**A Thesis**

**Submitted to**

**ACHARYA NAGARJUNA UNIVERSITY**



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

**BY**

**VEMULA. KALYAN**

**[Y18PH2014]**

**KAKI. RICKY JOSEPH**

**[Y18PH2034]**

**NUTHALAPATI. SATISH KUMAR**

**[Y18PH2052]**

**SHAIK NOOR BASHA. SHARMILA**

**[Y18PH2069]**

**Under the esteemed guidance of  
K. V. RAMANJANEYULU M. PHARM, [Ph. D]  
Assistant Professor  
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&

Submitted by

VEMULA. KALYAN	[Y18PH2014]
KAKI. RICKY JOSEPH	[Y18PH2034]
NUTHALAPATI. SATISH KUMAR	[Y18PH2052]
SHAIK NOOR BASHA. SHARMILA	[Y18PH2069]

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*K.V. Ramanjanyulu*  
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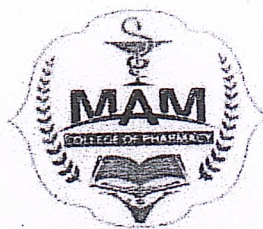
Dept. of Pharmaceutical Analysis

Date: 3-08-22

Place: Kesanupalli

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KESANUPALLI





### CERTIFICATE

This is to certify that the dissertation entitled "**FORMULATION AND EVALUATION OF ONDANSETRON HYDROCHLORIDE BUCCAL FILMS**" is a bonafide work done.

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Submitted by

PENUBAKULA. CHANDUSRI	[Y18PH2054]
PULAPA. NOOKA BABU	[Y18PH2057]
SANNAYULU. SRINIVAS	[Y18PH2060]
SETTL. AROGYAMMA	[Y18PH2061]
KONDAREDDY MADHAV REDDY	[Y18PH2078]

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*Ch. Ajay Babu*  
Project Guide 03/08/22

DR. CH. AJAY BABU, M. Pharm, PH.D

Professor

Dept. of Pharmaceutics

Date: 3/8/2022

Place: Kesanupalli

PRINCIPAL  
M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopeta  
Guntur (Dt.), 522 208

**STABILITY INDICATING VALIDATED NOVEL RP-HPLC METHOD  
DEVELOPMENT FOR THE QUALIFICATION OF OZENOXACIN IN  
BULK DRUG AS WELL AS IN PHARMA CEUTICAL FORMULATIONS**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



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

**Submitted by**

<b>BATCHU SHYAMALA DEVI</b>	<b>(Y18PH2001)</b>
<b>YAMARTHI SRINIVAS RAO</b>	<b>(Y18PH2015)</b>
<b>SHAIK HASEENA BEGUM</b>	<b>(Y18PH2065)</b>
<b>MADDA VENKAT REDDY</b>	<b>(Y18PH2079)</b>

**Under the esteemed guidance of  
Mrs.ROOPA BUKYA M. Pharm  
Department of Pharmaceutical Analysis**



**M.A.M COLLEGE OF PHARMACY  
KESANUPALLI, NARASARAOPET-522601,GUNTUR,**

**PRINCIPAL**  
**M.A.M. College of Pharmacy**  
**KESANUPALLI (Po.), Narasaraopet (Md.),**  
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**Kesanupalli, Narasaraopet, Guntur Dist., Andhra Pradesh, INDIA.**

**Affiliated to Acharya Nagarjuna University**  
**Recognized by AICTE and PCI, INDIA**

**CERTIFICATE**

This is to certify that the main project work entitled "STABILITY INDICATING VALIDATED NOVEL RP-HPLC METHOD DEVELOPMENT FOR THE QUALIFICATION OF OZENOXACIN IN BULK DRUG AS WELL AS IN PHARMACEUTICAL FORMULATIONS"

BATCHU SHYAMALA DEVI	(Y18PH2001)
YAMARTHI SRINIVAS RAO	(Y18PH2015)
SHAIK HASEENA BEGUM	(Y18PH2065)
MADDA VENKAT REDDY	(Y18PH2079)

Under the esteemed guidance of Mrs. ROOPA BUKYA M.Pharm Department of pharmaceutical analysis as a partial fulfillment of the requirements for the award of the degree in Bachelor of Pharmacy, ACHARYA NAGARJUNA UNIVERSITY, Nagarjuna Nagar, Guntur. She awarded for bonfide work carried out on her guidance and supervision during the academic year 2021-2022.

B. *Roopa*  
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Mrs. ROOPA BUKYA M. Pharm,  
Department of Pharmaceutical Analysis  
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Date: 03/08/2022

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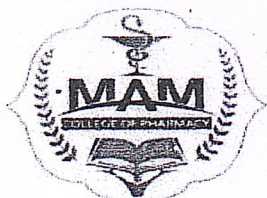
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## CERTIFICATE

This is to certify that the dissertation entitled "EVALUATION OF ANTI HEMOLYTIC ACTIVITY OF GREEN TEA AQUEOUS EXTRACT BY IN VITRO METHOD" is a bonafide research work done

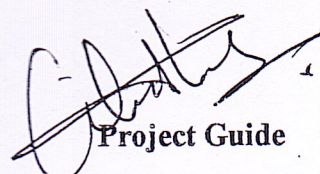
&

Submitted by

AMIREDDY THRIVENI  
CHANDRAPATLA VSRNSA LAKSHMI KANTH  
SHAIK GOUSE KHALANDAR  
UYYALA ESWAR GOPI

(Y18PH2016)  
(Y18PH2018)  
(Y18PH2064)  
(Y18PH2073)

In partial fulfillment for the award of degree of Bachelor Pharmacy to the Acharya Nagarjuna University is a bonafide record of work done by the candidates during the academic year 2021-2022 under my supervision. The work is original and has not been submitted in part (or) full for the award of any other degree (or) diploma.



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Assistant Professor

Dept. of Pharmacology

Date: 03/08/2022  
Place: Kesanupalli

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4.	Y17PHD1105	D R Akhila
5.	Y17PHD1106	Gudipudi Aviram Chowdary
6.	Y17PHD1107	Jennifer K
7.	Y17PHD1108	Katravathu Ramji Naik
8.	Y17PHD1109	Kavuru Mani Sri
9.	Y17PHD1110	Kota Dayan Hindusuma
10.	Y17PHD1111	Kumbha Saisrinu
11.	Y17PHD1112	Lakshmisetty Lakshmi Pujitha
12.	Y17PHD1113	Madduri Sravani
13.	Y17PHD1114	Masanam Krishna Chaitanya
14.	Y17PHD1115	Mellacheruvu Sireesha
15.	Y17PHD1116	Mooraka Anusha
16.	Y17PHD1117	Mundla Bhaskar Vinsent Raja
17.	Y17PHD1118	Nelaturi Prasanthi
18.	Y17PHD1119	Nimmagadda Kathyayani
19.	Y17PHD1120	Pidathala Syam Sundar
20.	Y17PHD1121	Priyanka Yadav Maraka
21.	Y17PHD1122	Rajulapati Anil
22.	Y17PHD1123	Ratnam Pavani
23.	Y17PHD1124	Sadam Triven
24.	Y17PHD1126	Tadi Venu Madhav

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26.	Y17PHD1129	Vijaya Deepthi Vemula
27.	Y17PHD1130	Yenumula Sravani

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## PHARM.D STUDENTS UNDERTAKING PROJECT WORK

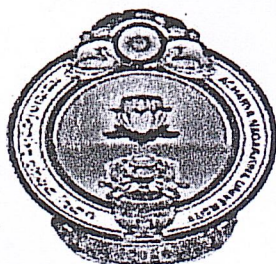
A.Y:2021-2022

Group No	Regd No	Name of the student	Guide	Project title
Batch-I	Y17PHD1101	ThripuraribhatlaSwathy	Dr.G.Naveen	A prospective and Retrospective analysis of Pulmonary and extra-pulmonary tuberculosis and the role of clinical pharmacist in medication adherence
	Y17PHD1109	Kavuru Mani Sri		
	Y17PHD1110	Kota Dayan Hindusuma		
	Y17PHD1127	Tata BhavaniSankar		
Batch-II	Y17PHD1103	Chilaka Sridhar	SK.Jasmine	Assessment of Etiological factors and Impact of Patient education on Neonatal jaundice
	Y17PHD1111	KumbhaSaisrinu		
	Y17PHD1118	NelaturiPrasanthi		
	Y17PHD1130	YenumulaSravani		
Batch-III	Y17PHD1115	MellacheruvuSireesha	Dr.V.Satyanarayana	A cross sectional observational study on stress induced gastrointestinal disorders and their assessment by perceived stress
	Y17PHD1116	MoorakaAnusha		
	Y17PHD1120	PidathalaSyamSundar		
	Y17PHD1123	RatnamPavani		
Batch-IV	Y17PHD1106	GudipudiAviramChowdary	J.Nagaraja	Evaluation of treatment outcome for HIV patient after TLD regimen at a secondary care hospital
	Y17PHD1108	KatravathuRamjiNaik		
	Y17PHD1117	MundlaBhaskarVinsent Raja		
	Y17PHD1121	PriyankaYadavMaraka		
Batch-V	Y17PHD1107	Jennifer K	S.Rajini	A study on the prescribing patterns and evaluation of antimicrobial prophylaxis in lower segment Caesarean section
	Y17PHD1113	MadduriSravani		
	Y17PHD1114	Masanam Krishna Chaitanya		
	Y17PHD1129	VijayaDeepthiVemula		

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**A PROSPECTIVE AND RETROSPECTIVE ANALYSIS OF  
PULMONARY AND EXTRA-PULMONARY TUBERCULOSIS AND  
THE ROLE OF CLINICAL PHARMACIST IN MEDICATION  
ADHERENCE**

**A Project report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



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

**DOCTOR OF PHARMACY**

**BY**

<b>THRIPURARIBHATLA. SWATHY</b>	<b>(Y17PHD1101)</b>
<b>KAVURU. MANI SRI</b>	<b>(Y17PHD1109)</b>
<b>KOTA. DAYAN HINDU SUMA</b>	<b>(Y17PHD1110)</b>
<b>UYYALA. NAGA SANDHYA RANI</b>	<b>(Y17PHD1128)</b>

**Under the esteemed guidance of  
Dr. G. NAVEENA Pharm.D  
Assistant Professor  
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**2021-2022**

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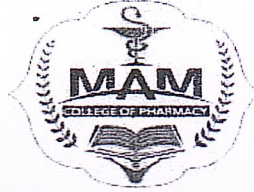


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Dr. G. NAVEENA Pharm.D

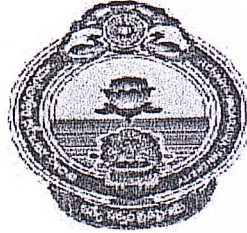
Assistant Professor

Department of Pharmacy Practice

**ASSESSMENT OF ETIOLOGICAL FACTORS AND IMPACT OF  
PATIENT EDUCATION ON NEONATAL JAUNDICE**

**A Project report Submitted to**

**ACHARYA NAGARJUNA UNIVERSITY**



**In partial fulfillment of the requirements for the award of the degree of  
DOCTOR OF PHARMACY**

**BY**

**CHILAKA SRIDHAR**

**Y17PHD1103**

**KUMBHA SAI SRINU**

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**NELATURI PRASANTHI**

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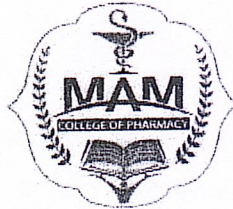
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## CERTIFICATE

This is to certify that the dissertation entitled “ASSESSMENT OF ETIOLOGICAL FACTORS AND IMPACT OF PATIENT EDUCATION ON NEONATAL JAUNDICE” is a bonafide research work done &

Submitted by

CHILAKA SRIDHAR	Y17PHD1103
KUMBHA SAI SRINU	Y17PHD1111
NELATURI PRASANTHI	Y17PHD1118
YENUMULA SRAVANI	Y17PHD1130

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Mrs. JASMINE SHAIK, M.pharm.

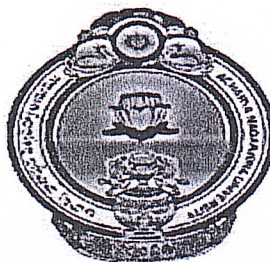
Assistant Professor

Dept. of Pharmacology

M.A.M College of Pharmacy

**A CROSS-SECTIONAL OBSERVATIONAL STUDY ON  
STRESS INDUCED GASTROINTESTINAL DISORDERS  
AND THEIR ASSESSMENT BY USING PERCEIVED  
STRESS SCALE**

**A Project work Submitted to  
ACHARYA NAGARJUNA UNIVERSITY**



**In partial fulfillment of the requirements for the award of the degree of  
DOCTOR OF PHARMACY**

**BY**

<b>MELLACHERUVU SIREESHA</b>	<b>(Y17PHD1115)</b>
<b>MOORAKA ANUSHA</b>	<b>(Y17PHD1116)</b>
<b>PIDATHALA SYAM SUNDAR</b>	<b>(Y17PHD1120)</b>
<b>RATNAM PAVANI</b>	<b>(Y17PHD1123)</b>

**Under the esteemed guidance of  
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DISORDERS AND THEIR ASSESSMENT BY PERCEIVED STRESS  
SCALE(PSS)" is a bonafide research work done &

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MELLACHERUVU SIREESHA

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**Project Guide**

**Dr. V. SATYANARAYANA, M.Pharm, Ph.D**

**Professor**

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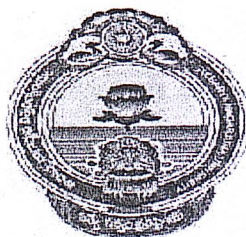
Place:

PRINCIPAL  
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KESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (DL), 522 60

**EVALUATION OF TREATMENT OUTCOME FOR HIV PATIENTS  
AFTER TLD REGIMEN (TENOFVIR, LAMIVUDINE,  
DOLUTEGRAVIR) USING VIRAL LOAD SUPPRESSION AT  
SECONDARY CARE HOSPITAL**

**A Project report Submitted to**

**ACHARYA NAGARJUNA UNIVERSITY**



**In partial fulfillment of the requirements for the award of the degree of  
DOCTOR OF PHARMACY**

**BY**

<b>GUDIPUDI AVIRAM CHOWDARY</b>	<b>(Y17PHD1106)</b>
<b>KATRAVATH RAMJI NAIK</b>	<b>(Y17PHD1108)</b>
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<b>MARAKA PRIYANKA YADAV</b>	<b>(Y17PHD1121)</b>

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Assistant Professor  
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Submitted by

GUDIPUDI AVIRAM CHOWDARY	(Y17PHD1106)
KATRAVATH RAMJI NAIK	(Y17PHD1108)
MUNDLA BHASKAR VINSENT RAJA	(Y17PHD1117)
MARAKA PRIYANKA YADAV	(Y17PHD1121)

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*J. Nagaraja*  
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Mrs. J. NAGARAJA, M. Pharm

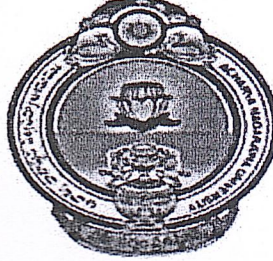
Assistant Professor

Dept. of Pharmaceutics

**A STUDY ON PRESCRIBING PATTERNS AND EVALUATION OF  
ANTI MICROBIALS PROPHYLAXIS IN LOWER SEGMENT  
CESAREAN SECTION**

**A Project report Submitted to**

**ACHARYA NAGARJUNA UNIVERSITY**



**In partial fulfilment of the requirements for the award of the degree of  
DOCTOR OF PHARMACY**

**BY**

**JENNIFER K**

**(Y17PHD1107)**

**MADDURI SRAVANI**

**(Y17PHD1113)**

**MASANAM KRISHNA CHAITANYA**

**(Y17PHD1114)**

**VEMULA VIJAYA DEEPTHI**

**(Y17PHD1129)**

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**Associate Professor**

**Department of Pharmacy practice**



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JENNIFER K	(Y17PHD1107)
MADDURI SRAVANI	(Y17PHD1113)
MASANAM KRISHNA CHAITANYA	(Y17PHD1114)
VEMULA VIJAYA DEEPTHI	(Y17PHD1129)

In partial fulfillment for the award of degree of Doctor of Pharmacy to the Acharya  
Nagarjuna University is a bonafide record of work done by the candidates during the  
academic year 2021-2022 under my supervision. The work is original and has not been  
submitted in part (or) full for the award of any other degree (or) diploma.

  
Project Guide

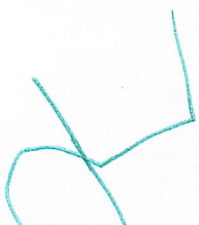
Mrs. RAJINI SUDIREDDY MPharm (Ph.D)

Associate Professor

Department of Pharmacy practice

Date:

Place:

  
PRINCIPAL  
M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (Dt.), 522 60

# MEDARAMETLA ANJAMMA MASTAN RAO COLLEGE OF PHARMACY

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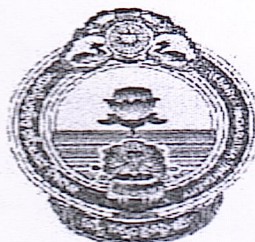
Kesanupalli (PO), Narasaraopet - 522601, Guntur Dist. (AP).

Ph: 08647- 218196, Cell: 9951420612

## PRESCRIBING PATTERNS OF ANTI-EPILEPTICS IN PEDIATRIC POPULATION AT A SECONDARY CARE HOSPITAL

A Project report Submitted to

ACHARYA NAGARJUNA UNIVERSITY



In partial fulfillment of the requirements for the award of the degree of  
DOCTOR OF PHARMACY

BY

LAKSHMISETTY LAKSHMI PUJITHA

(Y17PHD1112)

TADI VENU MADHAV

(Y17PHD1126)

Under the esteemed guidance of  
Dr Y NARASIMHA RAO  
Professor  
Department of Pharmacology



M.A.M. COLLEGE OF PHARMACY

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2021-2022

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## CERTIFICATE

This is to certify that the dissertation entitled “PRESCRIBING PATTERNS OF ANTI-EPILEPTICS IN PEDIATRIC POPULATION AT A CARE HOSPITAL” is a bonafide research work done &

Submitted by

LAKSHMISETTY LAKSHMI PUJITHA (Y17PHD1112)

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Dr Y Narasimha Rao, M Pharm PhD

Professor

Dept. of Pharmacology

Date:

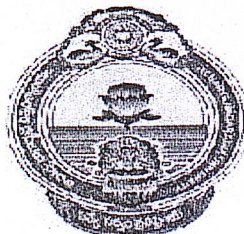
Place:

PRINCIPAL  
M.A.M. College of Pharmacy  
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**A STUDY ON DRUG UTILIZATION AND EVALUATION OF  
ANTIBIOTICS IN A GOVERNMENT HOSPITAL AT NARASARAOPET**

**A Project report Submitted to**

**ACHARYA NAGARJUNA UNIVERSITY**



**In partial fulfillment of the requirements for the award of the degree of  
DOCTOR OF PHARMACY**

**BY**

**ALISYAM DINESH REDDY**

**(Y17PHD1102)**

**DAMACHARLA RAGA AKHILA**

**(Y17PHD1105)**

**RAJULAPATI ANIL**

**(Y17PHD1122)**

**Under the esteemed guidance of  
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### Project Guide

Dr N. SRINIVASULU M Pharm, Ph D

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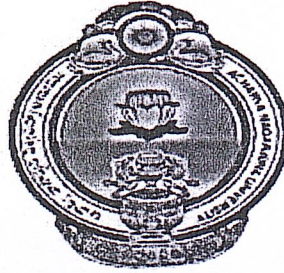
PLACE:

PRINCIPAL  
M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (Dt.), 522 60

**CLINICAL ASSESSMENT AND COMPARATIVE  
THERAPEUTIC EVALUATION OF LEVETIRACETAM  
WITH OTHER ANTIPILEPTIC DRUGS AT  
SECONDARY CARE HOSPITAL**

**A Project report Submitted to**

**ACHARY ANAGARJUNA UNIVERSITY**



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

**DOCTOR OF PHARMACY**

**BY**

**NIMMAGADDA KATHYAYANI (Y17PHD1119)  
SADAM TRIVEN (Y17PHD1124)**

**Under the esteemed guidance of**

**KARTHEEK CHEGU M Pharm**

**Assistant Professor**

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**2021-2022**

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	Regd. No.	Student Name
		<b>Pharmaceutics</b>
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2.	Y20MPH15002	Battu Rajamohan
3.	Y20MPH15003	Bolla Sravanthi
4.	Y20MPH15004	Gali Swapna
5.	Y20MPH15005	Gunda Sasank Radha Krishna Gupta
6.	Y20MPH15006	Guntupalli Shalini
7.	Y20MPH15007	Inturi Siva Krishna
8.	Y20MPH15008	Kandula Hemalatha
9.	Y20MPH15009	Mallaparapu Ravi Kumar
10.	Y20MPH15010	Nelluri Kavitha
11.	Y20MPH15011	Rayapati Rakesh
12.	Y20MPH15012	Vongavolu Hema Latha
		<b>Pharmaceutical Anaysis</b>
1.	Y20MPH15051	Athukuri Krishna Sri
2.	Y20MPH15052	Ballapuri Prabhu Deva
3.	Y20MPH15053	Bollu Usha Rani
4.	Y20MPH15054	Bondalapati Rama Krishna
5.	Y20MPH15055	Cheekati Venkata Vineeth
6.	Y20MPH15056	Chilka Nageswara Rao
7.	Y20MPH15057	Devarapu Sneha Prasanna
8.	Y20MPH15058	Kodi Adi Reddy
9.	Y20MPH15059	Kondepati Venkaiah

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10.	Y20MPH15060	Lakhanapuram Bharathi
11.	Y20MPH15061	Mangamuri Bala Hemanth
12.	Y20MPH15062	Pokuri Lokesh Babu
13.	Y20MPH15063	Sikhakolli Nagavalli Pushpa Anjali
14.	Y20MPH15064	Vallamreddy Venkata Rami Reddy
		<b>Pharmacology</b>
1.	Y20MPH15101	Banavathu Indraja Krishna Naik
2.	Y20MPH15102	Dantla Koti Reddy
3.	Y20MPH15103	Goantla Gunisha Rani
4.	Y20MPH15104	Jillela Reddy Babu
5.	Y20MPH15105	Poka Vasavi
6.	Y20MPH15106	Segu Venkata Sai Pravallika
7.	Y20MPH15107	Shaik Rehana Sulthana

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## M.PHARM STUDENTS UNDERTAKING PROJECT WORK

A.Y:2021-2022

### Department of Pharmaceutics

Regd No	Name of The Student	Project Title
Y20MPH15003	Bolla Sravanthi	Formulation and Invitro Evaluation of Extended Release matrix tablets of Levosulpiride by using Natural Polymers
Y20MPH15004	Gali Swapna	Formulation and Evaluation of Antiashtamatic drug by Pulsincap Technology
Y20MPH15007	Inturi Siva Krishna	Formulation and Invitro Evaluation of Pulsatile Drug design system for Felodipine Tablets
Y20MPH15009	M. Ravi Kumar	Development, Optimization and Invitro Evaluation of Nevirapine tablets by Moisture activated dry Granulation Technique
Y20MPH15001	Alladi Naveen Kumar	Formulation and Evaluation of Carvedilol Fast Dissolving Tablets by Employing complexation Technique
Y20MPH15005	GRadhaKrishna Gupta	Preparation and Evaluation of Spherical Poly Electrolyte coacervates of Zidovudine prepared by Emulsificatio method
Y20MPH15006	Guntupalli Shalini	Formulation and Invitro characterization of taste masked mouth Dissolving films of Phenylephrine Hydrochloride
Y20MPH15008	Kandula Hemalatha	Formulation development and Evaluation of oxybutynin Hydrochloride Prolonged Release Tablets
Y20MPH15010	Nelluri Kavitha	Design and Characterization of Nanopartical based liver targeted drug delivery system of Ribavin for the hepatitis-c treatment
Y20MPH15011	Rayapati Rakesh	Formulation and Evaluation of sustained release tablets of Lamivudine by direct compression method using Chitosan,Guargum and Xanthumgum
Y20MPH15012	V Hema Latha	Formulation and Evaluation of Tramadol Hydrochloride by Pulsatile drug delivery

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## M.PHARM STUDENTS UNDERTAKING PROJECT WORK

A.Y:2021-2022

### Department of Pharmaceutical Analysis

Regd No	Name of The Student	Project Title
Y20MPH15053	Bollu Usha Rani	Stability-Indicating HPLC Method development and validation for the Detection and Quantification of Atogepant in bulk drug and pharmaceutical formulation
Y20MPH15055	Ch Venkata Vineeth	A Novel stability indicating Method development and validation of Liquid Chromatography for the estimation of Ribociclib bulk drug in pharmaceutical formulation
Y20MPH15056	Chilka Nageswara Rao	A Novel stability indicating Method development and validation for the estimation of capmatinibin bulk drug and pharmaceutical formulation
Y20MPH15058	Kodi Adi Reddy	Stability-Indicating HPLC Method development and validation for the Detection and Quantification of Upadacitinib atogepant in bulk drug and pharmaceutical formulation
Y20MPH15060	L Bharathi	simultaneous estimation of Duloxetine HCL and Methycobalamine in Combined Dosage forms by RP-HPLC
Y20MPH15052	Ballapuri Prabhu Deva	Development and Validation of stability-Indicating RP-HPLC Method for the estimation of Vericiguat in Bulk Drug and pharmaceutical formulation
Y20MPH15054	B Rama Krishna	Method development , validation and simultaneous estimation of Lamivudine and Zidovudine in bulk and its pharmaceutical dosage form by RP-HPLC Method
Y20MPH15057	D Sneha Prasanna	Development and Validation of stability-Indicating RP-HPLC Method for the Determination of Fexinidazole –Antiparasitic Agent in Bulk drug and pharmaceutical Formulation
Y20MPH15059	Kondepati Venkaiah	New Simple Stability Indicating Liquid Chromatography Method Development and Validation for the Quantification of Plazomicin in Bulk Drug Substance and Pharmaceutical Dosage Forms

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Y20MPH15061	M Bala Hemanth	Novel stability indicating Liquid Chromatography Method development and validation for the estimation of Siponimod in bulk substances and pharmaceutical Dosage Forms
Y20MPH15063	S N Pushpa Anjali	Method development and validation of RP-HPLC for the estimation of Capiibine in pharmaceutical dosage form
Y20MPH15064	V Venkata Rami Reddy	Method development and validation of Cidecin in pharmaceutical dosage form by RP-HPLC

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## M.PHARM STUDENTS UNDERTAKING PROJECT WORK

A.Y:2021-2022

### Department of Pharmacology

Regd No	Name of The Student	Project Title
Y20MPH15101	B Indraja Krishna Naik	Antimalarial activity of <i>Hemidesmus Indicus</i> and <i>Ficus Religiosa</i> with emphasis on Resistance reversal
Y20MPH15102	Dantla Koti Reddy	Pre-clinical Assessment of Human interferon Alpha in wistar rats
Y20MPH15103	Goantla Gunisha Rani	Evaluation of Oxalobactor formigenes Aganist oxlate induced Hyperoxaluria
Y20MPH15104	Jillela Reddy Babu	Anti-Inflammatory activity of Methanolic extract of <i>Butea Monosperma</i> leaves on two deffirent animal models for inflammation
Y20MPH15105	Poka Vasavi	Investigation of Anti-ulcer activity of poly herbal formulation by various ulcer induced methods in rats
Y20MPH15106	S Venkata Sai Pravallika	Evaluation of Invitro Anticancer activity of Pancreatic cancer cell lines
Y20MPH15107	Shaik Rehana Sulthana	Antidiabetic activity of different extracts of <i>Amrrican Marigold</i> in Rats

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**FORMULATION AND IN VITRO EVALUATION OF  
EXTENDED RELEASE MATRIX TABLETS OF  
LEVOSULPIRIDE BY USING NATURAL POLYMERS**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY  
In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICS**

Submitted by

**BOLLA SRAVANTHI, B. Pharm.,**

**(REG.NO. Y20MPH15003)**

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**JANUARY-2023**

PRINCIPAL  
M.A.M. College of Pharmacy  
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Guntur (Dt.), 522 60

**FORMULATION AND EVALUATION OF  
ANTIASHTAMATIC DRUG BY PULSINCAP  
TECHNOLOGY**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY  
In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICS**

Submitted by

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PRINCIPAL  
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KESANUPALLI (Po.), Narasaraopet (M.D.)  
Guntur (Dt.), 522 60

**FORMULATION AND INVITRO EVALUATION OF  
PULSATILE DRUG DELIVERY SYSTEM FOR  
FELODIPINE TABLETS**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY  
In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICS**

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**DEVELOPMENT, OPTIMIZATION AND INVITRO  
EVALUATION OF NEVIRAPINE TABLETS BY MOISTURE  
ACTIVATED DRY GRANULATION TECHNIQUE**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY*

*In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICS**

Submitted by

**RAVIKUMAR MALLAPARAPU, B. Pharm.,**

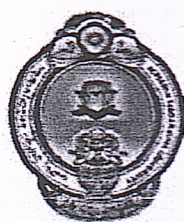
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**FORMULATION AND EVALUATION OF CARVEDILOL  
FAST DISSOLVING TABLETS BY EMPLOYING  
COMPLEXATION TECHNIQUE**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY  
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**MASTER OF PHARMACY**

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**PREPARATION AND EVALUATION OF SPHERICAL  
POLY ELECTROLYTE COACERVATES OF ZIDOVUDINE  
PREPARED BY EMULSIFICATION METHOD**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY  
In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICS**

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**FORMULATION AND INVITRO CHARACTERIZATION OF  
TASTE MASKED MOUTH DISSOLVING FILMS OF  
PHENYLEPHRINE HYDROCHLORIDE**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY*

*In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICS**

Submitted by

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**(REG.NO. Y20MPH15006)**

Under the Guidance of

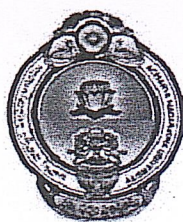
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**JANUARY-2023**

PRINCIPAL  
M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopet (Md.)  
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**FORMULATION DEVELOPMENT AND EVALUATION OF  
OXYBUTYNNIN HYDROCHLORIDE PROLONGED  
RELEASE TABLETS**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY*

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**MASTER OF PHARMACY**

**IN**

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Guntur (Dt.), 522 60.

**DESIGN AND CHARACTERIZATION OF NANO  
PARTICLE BASED LIVER TARGETED DRUG DELIVERY  
SYSTEM OF RIBAVIN FOR THE HEPATITIS-C  
TREATMENT**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY*

*In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

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Guntur (Dt.), 522 60

**FORMULATION AND EVALUATION OF SUSTAINED RELEASE  
TABLETS OF LAMIVUDINE BY DIRECT COMPRESSION  
METHOD USING CHITOSAN, GUARGUM AND XANTHUMGUM**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY  
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**FORMULATION AND EVALUATION OF TRAMADOL  
HYDROCHLORIDE BY PULSATILE DRUG DELIVERY**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY*

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**A Rapid Stability indicating Method Development and validation for the  
quantification of Talazoparib Tosylate in bulk drug and pharmaceutical  
formulations By HPLC**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY  
Nagarjuna nagar, Palnadu District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
MASTER OF PHARMACY**

**In  
DEPT. OF PHARMACEUTICAL ANALYSIS**

**BY  
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Guntur (Dt.), 522 60**

**STABILITY- INDICATING HPLC METHOD DEVELOPMENT AND  
VALIDATION FOR THE DETECTION AND QUANTIFICATION OF  
ATOGEPAANT IN BULK DRUG AND PHARMACEUTICAL  
FORMULATION**

**A project Report Submitted to  
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**In partial fulfillment of the requirements for the award of the degree of  
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**In  
DEPT. OF PHARMACEUTICAL ANALYSIS  
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**PRINCIPAL  
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Guntur (Dt.), 522 60**

**A New stability indicating Method Development and Validation of liquid chromatography for the estimation of Ribociclib in pharmaceutical formulation**

**A project Report Submitted to  
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Nagarjuna nagar, Palnadu District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
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**PRINCIPAL  
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Guntur (Dt.), 522 60**

**A Novel stability indicating Method Development and Validation for the  
estimation of Capmatinibin bulk drug and pharmaceutical  
formulations**

**A project Report Submitted to  
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Nagarjuna nagar, Palnadu District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
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Guntur (Dt.), 522 60**

**stability indicating hplc method development and validation for detection  
and qualification of upadacitinib atogepant in bulk drug and pharmaceutical  
formulation**

**A project Report Submitted to  
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Nagarjuna nagar, Palnadu District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
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**M.A.M COLLEGE OF PHARMACY  
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**Affiliated to Acharya Nagarjuna University  
Recognized by AICTE and PCI, INDIA**

**PRINCIPAL  
M.A.M. College of Pharmacy  
(ESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (Dt.), 522 60**

**SIMULTANEOUS ESTIMATION OF DULOXETINE HCL  
AND METHYCOBALAMINE IN COMBINED DOSAGE  
FORMS BY RP-HPLC**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY*

*In partial fulfillment for the award of degree of*

**MASTER OF PHARMACY**

**IN**

**PHARMACEUTICAL ANALYSIS**

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**ACHARYANAGARJUNA UNIVERSITY**

**NAGARJUNA NAGAR, GUNTUR**

**JANUARY-2023**

PRINCIPAL  
M.A.M. College of Pharmacy  
KESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (Dt.), 522 60.

**Development and Validation of a novel stability indicating RP-HPLC Method  
for the estimation of Vericiguat in Bulk Drug and Pharmaceutical  
formulations**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY  
Nagarjuna nagar, Guntur District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
MASTER OF PHARMACY**

**In  
DEPT. OF PHARMACEUTICAL ANALYSIS**

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**M.A.M COLLEGE OF PHARMACY  
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**PRINCIPAL  
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**METHOD DEVELOPMENT, VALIDATION AND SIMULTANEOUS  
ESTIMATION OF LAMIVUDINE AND ZIDOVUDINE IN BULK AND ITS  
PHARMACEUTICAL DOSAGE FORM BY RP-HPLC**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY  
Nagarjuna nagar, Palnadu District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
MASTER OF PHARMACY**

**In  
DEPT. OF PHARMACEUTICAL ANALYSIS  
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**BONDALAPATI RAMAKRISHNA**

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Guntur (Dt.), 522 60**



**Development and Validation of Validation of Stability-Indicating RP-HPLC  
Method for the Determination of Fexinidazole-Anti Parasitic Agent in Bulk  
Drug and Pharmaceutical Formulations**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY  
Nagarjuna nagar, Palnadu District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
MASTER OF PHARMACY**

**In  
DEPT. OF PHARMACEUTICAL ANALYSIS**

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**M.A.M COLLEGE OF PHARMACY  
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**PRINCIPAL  
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'ESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (Dt.), 522 60**

**New Simple Stability Indicating Liquid Chromatography  
Method Development and Validation for the Quantification  
of Plazomicin in Bulk Drug Substance and Pharmaceutical  
Dosage Forms**

*Dissertation Submitted to ACHARYA NAGARJUNA UNIVERSITY  
In partial fulfillment for the award of degree of*

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IN  
PHARMACUETICAL ANALYSIS**

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**ACHARYANAGARJUNA UNIVERSITY  
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JANUARY-2023**

PRINCIPAL  
M.A.M. College of Pharmacy  
YESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (DL), 522 60

**Novel stability indicating Liquid chromatography Method Development  
and validation for the estimation of Siponimod in Bulk substances and  
Pharmaceutical Dosage forms**

**A project Report Submitted to  
ACHARYA NAGARJUNA UNIVERSITY  
Nagarjuna nagar, Guntur District, Andhra Pradesh.**



**In partial fulfillment of the requirements for the award of the degree of  
MASTER OF PHARMACY**

**In  
DEPT. OF PHARMACEUTICAL ANALYSIS  
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**M.A.M COLLEGE OF PHARMACY  
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'ESANUPALLI (Po.), Narasaraopet (Md.)  
Guntur (Dt.), 522 60**

**METHOD DEVELOPMENT AND VALIDATION OF CIDECIN IN  
PHARMACEUTICAL DOSAGE FORM BY RP-HPLC**

**A THESIS**

**SUBMITTED TO THE**

**Acharya Nagarjuna University,**

**Nagarjuna nagar, Guntur District, Andhra Pradesh.**



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

**MASTER OF PHARMACY**

**IN**

**DEPARTMENT OF PHARMACEUTICAL ANALYSIS**

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**Kesanupalli, Narasaraopet-522601, Guntur, (A.P)-2020-2022**

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**Guntur (Dt.), 522 60**

**METHOD DEVELOPMENT AND VALIDATION OF RP-HPLC FOR THE ESTIMATION OF CAPIIBINE IN PHARMACEUTICAL DOSAGE FORM**

**A THESIS**

**SUBMITTED TO THE**

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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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**Kesanupalli, Narasaraopet-522601, Guntur, (A.P)-2020-2022**

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**Guntur (Dt.), 522 60**

**ANTIMALARIAL ACTIVITY OF *HEMIDESMUS INDICUS* AND *FICUS RELIGIOSA* WITH EMPHASIS ON RESISTANCE REVERSAL**

**A THESIS**

**SUBMITTED TO THE**

**Acharya Nagarjuna 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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**Kesanupalli, Narasaraopet-522601, Guntur, (A.P)-2020-2022**

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**PRE CLINICAL ASSESMENT OF HUMAN INTERFERON ALPHA 2B  
IN WISTAR RATS**

**A THESIS**

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**Guntur (Dt.), 522 60**

**EVALUATION OF THE EFFICACY OF "OXALOBACTER  
FORMIGENES AGAINST OXALATE INDUCED HYPEROXALURIA IN  
RATS**

**A THESIS**

**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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**ANTI-INFLAMMATORY ACTIVITY OF METHANOLIC EXTRACT OF  
BUTEA MONOSPERMA LEAVES ON TWO DIFFERENT ANIMAL  
MODELS FOR INFLAMMATION**

**A THESIS**

**SUBMITTED TO THE**

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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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**INVESTIGATION OF ANTI ULCER ACTIVITY OF POLY HERBAL  
FORMULATION BY USING VARIOUS ULCER INDUCED METHODS IN  
RATS**

**A THESIS**

**SUBMITTED TO THE**

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**Guntur (Dt.), 522 60**

**EVALUATION OF IN-VITRO ANTICANCER ACTIVITY OF  
PANCREATIC CANCER CELL LINES**

**A THESIS**

**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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ANTI-DIABETIC ACTIVITY OF DIFFERENT EXTRACTS OF *AMERICAN*  
*MARIGOLD* LEAVES IN ALBINO RATS

A THESIS

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

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