

## CURRICULUM VITAE

**Name** : **Dr. VARALAKSHMI MUMMIDI**  
M.Pharm.,Ph.D.



**Address** : School of Pharmaceutical Sciences & Technologies  
JNTUK, Kakinada-533003.

**Email ID** : [vara148@gmail.com](mailto:vara148@gmail.com)

**Mobile Nos.** : +917730042689

### EDUCATIONAL QUALIFICATIONS :

QUALIFICATION	COLLEGE	YEAR OF PASSING	% OF MARKS OBTAINED
<b>Ph.D (Pharmaceutical Technology)</b>	A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam	<b>July 2012</b>	-
<b>M.PHARMACY (Pharmaceutics)</b>	Sri Padmavati Women's University, Tirupati	<b>2005-2007</b>	<b>74.4%</b>
<b>B.PHARMACY</b>	A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam	<b>2001-2005</b>	<b>73.0%</b>
<b>D.PHARMACY</b>	Govt., Polytechnic for women, Kakinada	<b>1998-2000</b>	<b>75.5%</b>
<b>INTERMEDIATE</b>	Gayathri Junior College , Kakinada	<b>1996-1998</b>	<b>74.4%</b>
<b>SSC</b>	C.B.M. Girl's High School, Kakinada.	<b>1995-1996</b>	<b>80.5%</b>

### DETAILS OF DOCTORAL THESIS:

**Area of Thesis work:** Pharmaceutical Technology

**Title of Thesis :** Dissolution rate enhancement of domperidone maleate and isradipine through formation of cyclodextrin-hydrophilic polymer complexes and formulation and evaluation of domperidone maleate fast dissolving tablets.

**Supervisor :** Prof. J. Vijaya Ratna, Andhra University, Visakhapatnam

## **M.PHARMACY PROJECT WORK:**

**Area of thesis work:** Pharmaceutics

**Title of Thesis :** Formulation Development of Lyophilized Injection of Proton pump inhibitor

**Supervisor:** Dr. B. Jeevana Jyothi, Sri Padmavathi Mahila Visva Vidyalayam, Tirupati & Dr. Srinivas Arutla, Senior Manager, FR&D, Dr.Reddy's Laboratories LTD, Bachupalli, Hyderabad

## **INDUSTRIAL TRAINING:**

- Under went PG project work in FR&D, Dr.Reddy's Laboratories LTD, Bachupalli, Hyderabad for a period of nine months.
- Under went Industrial training in "Karnataka Antibiotics and Pharmaceuticals Limited (KAPL), Bangalore" for a period of one month
- Under gone hospital training for 3 months in E.S.I Hospital, Kakinada, E.G.Dt.

## **TEACHING and RESEARCH EXPERIENCE: 15 Years 6 Months**

### **SUBJECTS TAUGHT:**

Research Methodologies, Biostatistics, Modern Pharmaceutics, Novel Drug Delivery Systems, Targeted DDS, Pharmaceutical Technology, Industrial Pharmacy, Pharmaceutics, Physical Pharmacy, Biopharmaceutics and Pharmacokinetics, Drug regulatory affairs, Forensic Pharmacy, Dispensing & Hospital Pharmacy, Pharmaceutical Engineering, Drug Store and Industrial Management and Marketing, Computer Applications in Pharmacy.

### **RESEARCH TRUST AREAS :**

Cyclodextrin complexation , Pelletization Techniques, Pharmacokinetic studies, Fast dissolving tablets, Controlled drug delivery systems, Bilayered tablets, Gastro retentive dds, Transdermal Patches, Herbal Formulations , Nanonization Techniques and Nanoparticle, Aquasomes, Phytosomes, transferosomes,

### **CONTRIBUTIONS TO COLLEGE DEVELOPMENT:**

- Presently working as **Exam In-Charge** in School of Pharmaceutical sciences and Technologies, JNTUK, Kakinada from Nov 2021 to Dec 2022.
- Working as **UG Co-ordinator** in School of Pharmaceutical sciences and Technologies, JNTUK, Kakinada from March 2019 to Nov 2021.
- Actively participated and coordinated in Departmental works, Pharmacy council of India (PCI), National Assessment Accreditation Council (NAAC), AICTE, Seminars and Library works.

## MEMBERSHIPS:

- Registered Pharmacist in Andhra Pradesh State Pharmacy council: A-2, 032045
- Life member in Association of Pharmaceutical Teachers of India(APTI): AP/LM-508
- Ratified as Senior Assistant Professor by Osmania University, Hyderabad on 06 Dec 2012.

## HONOURS:

- I was awarded “Prathiba” Scholarship given by the State Government of Andhra Pradesh as a mark of excellence in E-CET (FDH) for achieving **State 1<sup>st</sup> Rank** in the year 2001.
- GATE -2005 score **86.09** Percentile and All India Rank: **1603**.
- Deputed as **PCI inspector** by Pharmacy Council of India, New Delhi.
- **Key note Speaker** and **Advisory committee member** in Anveshana Educational and Research foundation and Indian Association of Chemistry Teachers (ACT Mumbai), is organized by **UGC Sponsored** Two day International Conference on “Emerging Trends on Chemical, Pharmaceutical, Environmental Sciences and Techonology- (**ICETCPES-17**)” 24-25<sup>th</sup> Jan 2017.
- **Evaluator** in Two-days **IPA Sponsored National Seminar** on “Essential Pharmacy Education, Research and Practice: Advanced Pharmaceutical Skills with Innovative Ideas” held during 10<sup>th</sup> and 11<sup>th</sup> February-2017 at M.A.M College of Pharmacy, Narasaraopeta.
- **Chairperson** in UGC sponsored two-days national seminar on Innovative Technologies in Pharmaceutical Research-Software based approaches, held during 01<sup>st</sup> and 02<sup>nd</sup> February-2022 at College of Pharmaceutical Sciences, Acharya Nagarjuna University, Guntur.
- **Chairperson** in 7<sup>th</sup> Indo- West Indies International conference on Global aspects of drug discovery, drug design and Pharmaceutical Technology, held during 17th Aug 2022 at VJ’s College of Pharmacy, Rajahmundry, East Godavari and Association of Pharmacy Professionals (Tamilnadu branch), APP west Indies international branch and APP Drug Desgin Medchem Division.
- Won 1<sup>st</sup> place in Pharma women’s league-2023, zonal round held on 24.02.2023, APTI-AP State Women’s Forum conducted at GIET School of Pharmacy , Rajamahendravaram. Andhra Pradesh, India.
- **Certificate of Appreciation** in PHARMA ANVESHAN-2023, National Pharmacy Education Day – A Tribute to Prof. M.L Schroff, presented a concept note on 6<sup>th</sup> March 2023 at Vigyan Bhawan, New Delhi organized by Pharmacy Council of India (PCI), a statutory board of Ministry of Health and Family Welfare, Government of India.

- **PATENTS**

S.No.	Title of the Patent	National Patent No. & Granted Date & Country	Application No. & Date	Publication No. & Date	International Patent Filing No. & Date
1	Floating sustained release tablet formulation of droxidopa and Method thereof	405554 & 01.09.2022 India	202241002161 & 13.01.2022	04/2022 & Jan 2022	Filed in USPTO 18096046 & 12.01.2023
2	Poly hydroxy oligomer coated Dolutegravir Aquasomes and Method Thereof	396411 & 09.05.2022 India	202041037143 & 28.08.2020	37/2020 & Aug 2020	Filed in PCT PCT/IN2021/050832 <a href="https://patents.google.com/patent/WO2022044050A1">WO2022044050A1</a>  Filed in USPTO 18023403 & 27.02.2023
3	Bilayer Tablet Formulation of Rizatriptan	367500 & 25.05.2021 India	201841012597 & 03.04.2018	15/2018 & Apr 2018	-

- **Editorship of Journals**

Got consent from International Journal of Advances in Pharmacy, Biology and Chemistry (ISSN-2277 4688) ([www.ijapbc.com](http://www.ijapbc.com)) for a member of Editorial advisory board.

- **Book Publication**

- **Book chapter:** Effect of Hydroxy Propyl Cellulose and Eudragit Polymers on Delayed Release Pellet Systems. Challenges and Advances in Pharmaceutical Research Vol. 5, 22 July 2022, Page 18-35, **B.P International Publishers.**

<https://doi.org/10.9734/bpi/capr/v5/6087F>

ISBN 978-93-5547-581-7 (Print)

ISBN 978-93-5547-582-4 (eBook)

- ✓ Awaiting for Book Publication as a Co-author on Novel Targeted drug delivery systems for PG & UG students

**RESEARCH PAPERS PUBLISHED: 14**

**International Journals: 06**

1. **M.Varalakshmi** and J. Vijaya Ratna. Effect of Hydrophilic Polymers on Isradipine Complexation with Hydroxypropyl- $\beta$ -Cyclodextrin. *Drug Development and Industrial Pharmacy*, Jun 2013, Vol 39(7): 970-977. DOI: [10.3109/03639045.2012.686508](https://doi.org/10.3109/03639045.2012.686508), Source: [PubMed](#) (Impact factor: 2.17, Citations:7)
2. **M.Varalakshmi** and Sk Rezwana. The Influence of HPC-L and Eudragit L30 D-55 on Delayed release Omeprazole Magnesium Multiple-Unit Pellet System. *Asian Journal of Pharmaceutical and Clinical Research*, Vol 11(7), July 2018, 178-184. DOI: [10.22159/ajpcr.2018.v11i7.25098](https://doi.org/10.22159/ajpcr.2018.v11i7.25098) (SJR impact factor: 0.17).
3. **Varalakshmi Mummidi** and Pushpalatha Kondamuri., Phytosomes: A new vesicular delivery for Herbal medicine. *International journal of pharmaceutical sciences and research*. NOV 2021, 5634-5641. DOI:10.13040/IJPSR.0975-8232.12(11).5634-41.
4. **Varalakshmi Mummidi**, Bilayer Tablet Formulation of Rizatriptan. Patent Journal, Apr 2018. **Publication No.:**15/2018, <http://ipindia.nic.in/index.htm>.
5. **Varalakshmi Mummidi**, Polyhydroxy oligomer coated Dolutegravir Aquasomes and Method Thereof. Patent Journal. Aug 2020. **Publication No.:** 37/2020, <http://ipindia.nic.in/index.htm>
6. **Varalakshmi Mummidi**, Floating sustained release tablet formulation of droxidopa and Method thereof. Patent Journal. Jan 2022. **Publication No.:** 4/2022 <http://ipindia.nic.in/index.htm>
7. **Varalakshmi Mummidi**, Akhila Swarnalatha Lakshmi Y, Mastanamma Sk and Asha Jyothi J. Development and Validation of Dissolution Method for Isradipine Solid-Dispersion Capsules. *Asian Journal of Pharmaceutics* (Accepted)
8. M.Varalakshmi and Navya Talluri. Formulation and evaluation of Fast dissolving tablets of Loratadine HCl-  $\beta$ CD-PVP K30 Ternary Complex. (Communicated).

### **National:08**

1. **M.Varalakshmi** and J. Vijaya Ratna. RP-HPLC Method Development and Validation of Domperidone Maleate. *International Journal of Pharma Research and Development. IJPRD*, May 2011, vol 3(4), 61-64.
2. Sk Mastanamma, D Venkata Reddy, **M Varalakshmi**, and P Saidulu Development and Validation of Stability Indicating RP-HPLC Method for the Simultaneous Estimation of Emtricitabine Tenofovir Alafenamide Bulk and their Combined Dosage Form. *Journal of Chemical and Pharmaceutical Research*, 2016, 9(9):70-80.

3. Sk. Mastanamma, L. Prathibha, P. Saidulu, **M. Varalakshmi**, and U. Annapurna. Analytical Quality by Design approach for the Development of Validated RP-HPLC Method in the simultaneous estimation of Lamivudine and Tenofovir Disoproxil Fumerate in Bulk and their Combined Dosage Forms. *European Journal of Biomedical and Pharmaceutical Sciences (EJBPS)*, 2017; 4(11): 619-631.
4. **Varalakshmi Mummidi** and Ajay babu Ch. Dissolution rate enhancement of Domperidone maleate through formation of Hydroxypropyl  $\beta$ -Cyclodextrin - Hydrophilic polymer Complexes. *European Journal of Biomedical and Pharmaceutical Sciences (EJBPS)*. 2018; 5(3):542-550.
5. Ajay Babu CH., Maddala Sumathi, **M. Varalakshmi**, K. Tirumala Devi and M. Prasada Rao Design, Formulation and Characterization of Venlafaxine Hydrochloride Extended Release Multiparticulate Systems. *World Journal of Pharmaceutical Research*. 2018; Vol 7(12): 556-572.
6. M.Varalakshmi, Sk Matanamma and Sravani. "Stability indicating validated gradient RP-HPLC method for simultaneous determination of emtricitabine, tenofovir disoproxil fumarate, cobicistat and elvitegravir in bulk and pharmaceutical dosage form. **International Journal of Pharm Tech Research**. (accepted).
7. Farzana Mohammad and Varalakshmi Mummidi, Aquasomes: A Potential Drug Carrier For Delivering The Bio-Active Molecules. *European Journal of Pharmaceutical and Medical Research*. ejpmr, 2021,8(2), 236-243.( ISSN 2394-3211).
8. K. Samson, **M. Varalakshmi**, K. Prathima. AQUASOMES: A Vesicular, Self-assembled Ceramic Nano-particulate Drug Carrier. **Research & Reviews : A Journal of Pharmaceutical Science**. Vol. 12, No. 3 (2021), 1-14.

## CONTINUOUS EDUCATION PROGRAMMES

### A) TRAINING

Successfully completed the online certification courses in

#### **NPTEL AICTE Faculty Development Programs (FDP): 06**

**Sponsored/Funded by the Ministry of HRD/MoE, Govt. of India**

- (1) Biostatistics and design of Experiments (Credits 3), 17<sup>th</sup> Jan –17<sup>th</sup> March 2020, Organized by NPTEL IITM.
- (2) Drug Delivery: Principles and Engineering (Credits 4), 01<sup>st</sup> Sept -16<sup>th</sup> Dec 2020, Organized by NPTEL IISC.
- (3) Patent Drafting for Beginners (Credits 2), 25<sup>th</sup> July-19<sup>th</sup> Aug 2022, Organized by NPTEL IITM
- (4) A One Week Faculty Development Program on Computational approaches applied to drug discovery and drug product development " during 20<sup>th</sup> to 26<sup>th</sup> June 2022 at M.A.M. College

of Pharmacy, Narasaraopet in association with Indian Pharmaceutical Association, Andhra Pradesh State Branch .

- (5) A One Week Faculty Development Program on Teacher Orientation Program for 21<sup>st</sup> century education in tune with NEP 2020 (TOP NEP 2020) during 1<sup>st</sup> Aug to 6<sup>th</sup> Aug 2022 organized by the Directorate of Faculty Development, JNTUK, Kakinada, Andhra Pradesh, India.
- (6) Participated in IP awareness/ Training program under National Intellectual Awareness Mission (NIPAM) on 9<sup>th</sup> March 2023 organized by Intellectual Property office, Government of India.

## **CONFERENCES: 39**

### **International: 09**

1. M.Varalakshmi and J. Vijaya Ratna. "Effect of polyvinyl pyrrolidone on complexation and dissolution rate of  $\beta$ -CD and HP- $\beta$ -CD complexes of Domperidone Maleate", International Conference and exhibition on Bioequivalence and Bioavailability, **BIO BIO 2010**, March 01-03 held in Hyderabad. Organized by Omics Publishing group & Editors- Journal of Bioequivalence & Bioavailability.
2. M.Varalakshmi and J. Vijaya Ratna. "Formulation, characterization and cytotoxicity studies of paclitaxel loaded solid lipid nanoparticles, **62<sup>nd</sup> Indian Pharmaceutical Congress 2010**, December 17-19, held in Manipal. Organized by Indian Pharmaceutical Congress Association (IPCA).
3. M.Varalakshmi and M.Naveen " Effect of polyvinyl pyrrolidone on complexation and dissolution rate of cyclodextrin complexes of isradipine" **64<sup>th</sup> Indian Pharmaceutical Congress 2012** held in chennai. Organized by Indian Pharmaceutical Congress Association (IPCA).
4. M.Varalakshmi "Comparative assessment of excipients manufactured by different vendors and evaluation of effect of excipients on drug formulations" **International Conference on Bio Andhra 2014**, October 16 -18, held in Kakinada.
5. M.Varalakshmi " Formulation and evaluation of floating matrix tablets of nifedipine" **Healthy World Conference 2015**, September 05-07, held in Kakinada, Organized by HEIG-VD & JNTUK in Kakinada, AP India.
6. M.Varalakshmi "**Preparation and evaluation of enteric-coated delayed-release pellets of Omeprazole Magnesium using a fluidized bed coater**", **68<sup>th</sup> Indian Pharmaceutical Congress 2016**, December 16-18, held in Visakhapatnam, Andhra Pradesh. Organized by Indian Pharmaceutical Congress Association (IPCA).

7. M.Varalakshmi "Formulation and Evaluation of Oseltamivir Phosphate Suspension". Anveshana Educational and Research foundation and Indian Association of Chemistry Teachers (ACT Mumbai), is organized by **UGC Sponsored** Two day International Conference on **Emerging Trends on Chemical, Pharmaceutical, Environmental Sciences and Techonology- (ICETCPES-17)** 24-25<sup>th</sup> Jan 2017.
8. M.Varalakshmi " Formulation Designg and Evaluation of Atovaquone Oral Suspension gby using Nanotechnology" 71<sup>st</sup> **Indian Pharmaceutical Congress 2019**, December 20<sup>th</sup>-22<sup>nd</sup> held in SRM University, Chennai. Organized by Indian Pharmaceutical Congress Association (IPCA).
9. Participated in UGC sponsored International Seminar on advanced Technologies in Pharmaceutics Past Present and Future held during 24<sup>th</sup> and 25<sup>th</sup> **Feburary-2020**, College of Pharmaceutical Sciences, Acharaya Nagarjuna University, Guntur.

### **National: 09**

1. M.Varalakshmi presented a Technical paper entitled on "Lyophilization" **Pharmacon-2007**, January 9-10 held at A.U. College of pharmaceutical sciences, Andhra University, Visakapatanam.
2. Participated in National seminar, **Pharmacon-2009** held at A.U. College of pharmaceutical sciences, Andhra University, Visakapatanam and Oral presentation on "Formulation development of lyophilized injection of proton pump inhibitor".
3. Participated in National seminar, **Recent Trends in Pharmacy and Pharmacology 2015** held at School of Pharmacy, Jawaharlal Nehru Technical University Kakinada (**JNTUK**), **Kakinada** and Oral presentation on "Effect of Hydrophilic Polymers on Domperidone maleate Complexation with Hydroxypropyl- $\beta$ -Cyclodextrin.
4. Presentation on "Formulation and Evaluation of immediate release tablets of Tolvaptan" **Transpiring Novelty and Hi tech Knowledge in Advanced research in Pharmaceutical Sciences – TKRPS 2015**, December 29-30, held at Hyderabad, Organized by TKR college of Pharmacy with **SARC** sponsored by Department of Science & Technology (SERB).
5. Oral Presentation in *IPA Sponsored National Seminar* on Innovation in *Pharmacy Sciences, Practice and Research Sponsored National Seminar on* held during **November -2015** at M.A.M.College of Pharmacy, Narasaraopeta.
6. Oral presentation in Two-days *IPA Sponsored National Seminar on* "**Essential Pharmacy Education, Research and Practice: Advanced Pharmaceutical Skills with Innovative**



**Ideas"** held during **10<sup>th</sup> and 11<sup>th</sup> February-2016** at M.A.M.College of Pharmacy, Narasaraopeta.

7. Oral Presentation on Formulation and Evaluation of Floating Tablets of Diltiazem Hydrochloride in National seminar on **"Recent Advances in Dosage Form Design & Their Impact on Clinical Pharmacy"**, 14<sup>th</sup> July 2018 held at A.U. College of pharmaceutical sciences, Andhra University, Visakapatnam
8. Oral Presentation on Formulation and Evaluation of Floating Microspheres of Esomeprazole Magnesium Dihydrate. **ICMR sponsored , 3<sup>rd</sup> International Conference on Innovations in Pharmaceutic al Sciences (ICIPS – 2018)** 3<sup>rd</sup> & 4<sup>th</sup> August, 2018 held at School of Pharmacy, Guru Nanak Institutions Technical Campus, Ibrahimpatnam , Hyderabad.
9. Participated in UGC sponsored National conference on Multidimensional NMR Spectroscopy and its Software Applications held during **17<sup>th</sup> and 18<sup>th</sup> March-2020**, College of Pharmaceutical Sciences, Acharaya Nagarjuna University, Guntur.

#### **WEBINARS: 21**

1. CPE Webinar on “Understanding Practice School & its Concept in UG Pharmacy Education” organized by the Pharmacy Council of India, New Delhi, In Association with Rajiv Gandhi University of Health Sciences, Bengaluru and JSS Academy of Higher Education and Research, Mysuru on 23rd May 2020.
2. “Recent Developments in Fight against Covid-19 Pandemic and Post Lockdown Strategies” conducted online by IQAC,RBVRR Women's College of Pharmacy, during the period 25-05-20 to 27-05-20
3. participating in the two-day webinar entitled “DESIGN OF EXPERIMENTS – A QbD Based Framework For Product Development And Process Optimization” held on 30th and 31st May 2020 hosted by Vignan Pharmacy College in collaboration with APTI.
4. Participation in the " Three-day INTERNATIONAL WEBINAR on QUALITY BY DESIGN organized by Innovation cell of Bapatla College of Pharmacy, Bapatla, Guntur (Dt) in association with Indian Pharmaceutical Association-Education Division.
5. Participation in "FDP on Skill development in Pharmacy Education, Research and Practice”, FDP Organizers, GIET School of Pharmacy
6. The International Webinar on Statistical Methods and Applications in Biological Research on 7 June 2020. GITAM Institute of Pharmacy, Vizag & GITAM School of Pharmacy, Hyderabad.

7. Participation in the Webinar - Stop Plagiarism - The Best Practices for implementation - Organised by Indian Pharmaceutical Association and IPA, Education Division in association with Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur.
8. One Week Online International Faculty Development Programme on Emerging Innovations and Insights in Pharmaceutical Sciences jointly organized by Jawaharlal Nehru Technological University Kakinada and V. V. Institute of Pharmaceutical Sciences, Gudlavalleru from 08/06/2020 to 13/06/2020.
9. Participation in International Webinar on “Role of Biopharmaceutics in Drug Discovery and Development”.
10. International Pharma webinar-8 on " What is plagiarism and why should it be avoided? ", conducted on 19th June, 2020
11. E-Faculty Development Programme on Pharmaceutical Product Development: Challenges and Opportunities.
12. An international webinar on guidance to write a scientific paper & importance of citation & referencing of publications- Organised by Indian Pharmaceutical Association and IPA, Education Division in association with Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur.
13. Participation in the GLOBAL WEBINAR on the IMPACT OF COVID19 ON THE DEVELOPMENT OF RURAL ECONOMY - CHALLENGES AND OPPORTUNITIES July 27th, 2020. This Webinar was organized by the Lead India Foundation (USA) in association with JNTUA Ananthapuram.
14. One Day National Webinar on “COVID-19: A VIEW ON VACCINE PRODUCTION” conducted on 23-06-2020. GITAM Deemed to be University - Bengaluru Campus.
15. Participation in the webinar,titled "Herbal Cosmetics" organized by The Department of Pharmacognosy and Phytochemistry, SSM College of Pharmacy, Erode, Tamilnadu.
16. Three-days NATIONAL e-symposium on Advances in Pharmaceutical Sciences 28.06.2020 to 30.06.2020, Organised by Annamacarya college of Pharmacy, Rajampet, in association with Indian Pharmaceutical Association and IPA Tirupati, and Mybo Group.
17. Participation in the " Three-day Online INTERNATIONAL STTP on Innovative Research trends in Pharmaceutical Industry, organized by Bapatla College of Pharmacy, Bapatla, in association with University College of Pharmaceutical Sciences , Acharya Nagarjuna University, Guntur (Dt) .13/06/2020 to 15/06/2020.

18. International webinar on Role of Biopharmaceutics in drug discovery and Development on 24.06.2020 organized by Sri Vishnu College of Pharmacy, Bimavaram, A.P and Mybo Group
19. Analysis of variance (ANOVA) in Pharmaceutical Experimentation: One way, Two way, Three way Anova and Multiple comparison tests organized by Viswanat Institute of Pharmaceutical Sciences in association with Mybo Group on 28 June 2020.
20. Webinar on Factorial Design and simplex Lattice designs in pharmaceutical research : concepts and calculations organized by Mybo on 07 June 2020 .
21. Webinar-3 on Optimization in pharmaceutical Technology : concepts and Applications and Demonstration organized by Mybo on 31 May 2020

**WORK SHOPS ATTENDED: 4**

1. Attended a National Seminar on pharmaceutical Research: Present and Future perspectives, September 26<sup>th</sup> - 27<sup>th</sup> 2003. Andhra University, Visakhapatnam.
2. Attended workshop on “Drug Regulatory Affairs And Quality Assurance” organized by The Dept. Of Pharmaceutical Sciences, Andhra University On July 18<sup>th</sup> 2004.
3. Participated as delegate in National Women’s Parliament on 10 - 12<sup>th</sup> Feb 2017, organized by legislative assembly, Andhra Pradesh and Hosted by Government of Andhra Pradesh, at Pavitrasangamam, Amaravati, Andhra Pradesh, India.
4. Participated DST-IRHPA sponsored workshop on “Creation of facilities for translational research in Type –II, Diabetes mellitus” on Nov. 2015, organized by JNTUK , Kakinada, A.P, India.

**RESEARCH GUIDANCE : 36**

**LIST OF M. PHARM DISSERTATIONS: 32**

S.No.	Name of the Student	Title of Dissertation	Year
1	B. Santhosh Kumar Reddy	Formulation and evaluation of bilayer tablets of rizatriptan benzoate for extended release medication	2013
2.	S. Sreenath	Formulation and evaluation of immediate release tolvaptan tablets	2013
3.	G. Sandhya Sree	Formulation and evaluation of floating matrix tablets of nifedipine	2013
4.	C. Prathyusha	Comparative assessment of excipients manufactured by different vendors and evaluation of effect of excipients on drug formulations	2013
5.	Sk. Rezwana	Formulation and evaluation of omeprazole Magnesium delayed release Pellets.	2015

6.	A.sravnthi	Formulation and evaluation of Rabeprazole sodium delayed tablets by using press coating technique	2015
7.	G. Sumana	Formulation and evaluation of Oseltamivir Phosphate Capsules and Suspensions	2015
8.	T. Navya	Formulation and evaluation of Fast dissolving tablets of Loratadine HCl- $\beta$ CD-PVP K30 Ternary Complex.	2015
9.	A. Suneetha	Formulation and Evaluation of Delayed release Esomeprazole Tri hydrate Magnesium Pellets	2016
10.	Jerry Arjun	Formulation and Evaluation of Floating tablets of Diltiazem Hydrochloride	2016
11.	Priyanka Modugu	Formulation and Evaluation of Atovaquone Oral Suspension by using Nanotechnology	2017
12.	D.Venkateswarulu	Design and Development of Propranolol HCl Floating Tablets using Natural Gums as Release agents	2017
13.	Suribabu Ramiseti	Oxaliplatin encapsulated pH sensitive solid lipid nano particles for treatment of colorectal cancer	2017
14.	Chakka.Raja Harshitha	Formulation and Evaluation of Atovaquone Nanosuspension Media Milling Technique using Planetary Ball Mill.	2018
15.	Karre Kinnera	Formulation and Evaluation of polyherbal ointment and gel for Rheumatoid arthritis.	2018
16.	Rapaka Vamsi	Formulation and Evaluation of Dolutegravir Nanocrystal tablet by homogenization method	2018
17.	S Pratima	Formulation and Evaluation of Sustained released Valsartan Hydrogel beads	2018
18.	S.Anitha Sri	Formulation and Evaluation of Immediate release Tablets of Shilajit	2019
19.	G.Pavani	Formulation and Evaluation of Carbohydrates Coated with Dolutegravir Aquasomes	2019
20.	J.Poojitha	Formulation Design and Evaluation of Sustained release Tablets of Dolutegravir Nanocrystals	2019
21.	P. Shanmukh	Formulation and Evaluation of Droxidopa floating tablets	2019
22.	V.Venkata Suresh	Preparation and Characterization of Eplirestat nanospheres by solvent diffusion method by using PVA-g-AG copolymer	2019
23.	K. Puspa Latha	Preparation and Characterization of <i>N.arbortristis</i> leaf extract Phytosomes.	2020
24.	Farzana	Formulation and evaluation of Ceramic nanoparticles (Aquasomes) of a poorly aqueous soluble niclosamide by using different poly hydroxy oligomers	2020
25.	Vemireddy Mounika	Design, Optimization and Characterization of leaf extract of <i>heliotropium indicum</i> transferosomal gel	2020
26.	K. Sankeerthana	Formulation and Evaluation of Droxidopa Floating Micro-Balloons.	2020
27.	P. Anusha Padmasri	Formulation and evaluation of Phytosomes loaded with <i>Heliotropium indicum</i> root extract.	2021

28.	K. Prathima	Design and Characterization of Phytosomes loaded with <i>Terristris metanolic</i> fruit extract.	2021
29.	Korimilli Samson	Fabrication and Characterization of Furosemide Aquasomes by using poly hydroxy oligomers	2021
30.	Nadella Meghana	Formulation, Characterization and evaluation of Droxidopa loaded transferosomes of matrix type transdermal patches.	2021
31.	Mane Harika	Formulation development and Evaluation of methanolic stem extract of <i>Cissus Quadrangularis</i> loaded phytosomal gel using Box-Behnken Design	2022
32.	Lakshmi Sahithi Chandaluri	Formulation and Evaluation of Ceramic Nanoparticles of Dolutegravir sodium tablets	2022

#### LIST OF B. PHARM DISSERTATIONS: 04

S.No.	Name of the Students	Title of Dissertation	Year
1	Y.Akhila Swarnalatha Lakshmi, B. Sri Deepthi, V.Varsha and B. Jyothsna Kumari	Characterisation of solubility enhancement of Hydrochlorothiazide by using $\beta$ Cyclodextrin	2015
2.	P.Manasa, T.Salomi and P.S.Venkannababu	Formulation and Evaluation of Polyherbal Ointments for Rheumatoid Arthritis	2016
3.	K.Lavanya, G.G S Lahari, K.Sri Naga Pradeep, B.Sai Vinay, V. Meghana devi.	Formulation and Evaluation of Herbal tooth paste Using Zizuphusu Mauritiana Extract.	2020
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