

Dr.N. V. Chenchu Lakshmi. K M.Pharm;Ph.D

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7386597870, 9912727879

I am a person with ability plus flexibility, stable personality, works well with a multi-cultural and diverse work force, bright, ambitious, initiative, independent with good communication skill desiring to work in your prestigious institution.

1) EDUCATION

- **B.Pharmacy (2001-2005)-** Shri Vishnu College of Pharmacy,Vishnupur, Bhimavaran,affiliated to Andhra University, Visakhapatnam.(**percentage-81.6%**)
- **M.Pharmacy pharmaceutical chemistry (2005-2007)-** Department of pharmaceutical chemistry, University college of Pharmaceutical Sciences, Andhra University, Visakhapatnam, India. (**percentage-85%**)
- **Ph.D :** Awarded in the year 2020 by ANU College of Pharmaceutical Sciences, Acharya Nagarjuna University, Guntur, India under the guidance of **Dr.Nadendla Rama Rao**, Principal, Chalapati college of pharmaceutical sciences,Guntur.

2) WORK EXPERIENCE: Total experience 14 Years

S.No.	Designation	Institution	From	To
1.	Assistant professor	KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada	12/5/2022	Till date
2.	Associate Professor and HOD	QIS College of Pharmacy, Ongole	21/08/2019	6/5/2022
3.	Assistant professor	KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada	16-08-2010	31/7/2019
4.	Assistant professor	Nimra College of Pharmacy, Vijayawada	2-07-2007	31-07-2009

3) Book published:

Theory and Practice-Pharmaceutical Inorganic Chemistry, Pearson Publishers published in the year July-2012

4) Details of Research Publications: Papers published Since 2011-28

S.No	Title	Journal	Volume: Issue; Page Numbers	Year	Indexed &Impact factor
1.	Synthesis, characterization, Insilico and Invitro screening of newly synthesized schiff bases	Research Journal of Pharmacy and Technology	14 (3), 1663-1667	2021	Scopus(0.4)
2.	Design, synthesis, computational study, and biological evaluation of 6-aryl substituted pyrimidine schiff bases	Pharmacophore	11 (6), 74-103	2020	Scopus(1.2)
3.	Design, synthesis, characterization, computational study and in-vitro antioxidant and anti-inflammatory activities of few novel 6-aryl substituted pyrimidine azo dyes	Arabian Journal of Chemistry	13 (12), 8638-8649	2020	Scopus(4.2)
4.	Development and validation of RP-HPLC method for estimation of Edoxaban Tosylate in tablet dosage forms	Indian Drugs		2020	Scopus(0.2)

5.	Validated RP-HPLC method development and forced degradation studies for the quantitation of Dolutegravir in bulk and tablets	International Journal of Life Sciences and Pharma Research	10,Special Issue, 784-788	2019	Scopus
6.	Synthesis and biological evaluation of some “N” containing heterocyclic Schiff base metal complexes	Drug Discovery	13, 6-9	2019	
7.	Evaluation and Antioxidant Activity of [(2E)-7 Hydroxy-4-Methyl-2H-Chromen-2-Ylidene] Amino derivatives	American Journal of PharmTech Research	8(1): 179-187	2018	
8.	Synthesis, Spectral Characterisation and Physiochemical Properties Determination of Substituted {4-(1H-Benzimidazol-2-yl) Phenyl} Diazenyl Derivatives.	International Journal of Pharmacy and Biological Sciences	8 (4): 750-762	2018	UGC
9.	Online computational tools for the prediction of toxicity, druglikeness, receptor inhibition and ligand based pharmacophore detection of novel 2-(2-oxo-dihydro-2h-indol-2-ylidene) hydrazine carboxmide schiff bases	International Journal of Pharmacy and Biological Sciences	8 (4): 1213-1224	2018	UGC
10	Synthesis, characterisation and <i>in vitro</i> evaluation of antioxidant and anti-	The Pharma Innovation Journal	7(12): 278-285	2018	UGC

	inflammatory activity of some novel 5-aryl-7-[(1e)-aryl substituted]-1h, 3h-pyrido [2, 3-d] pyrimidine-2, 4-dione derivatives				
11	Synthesis, characterisation, physiochemical properties and biological evaluation of some novel 2-(3-oxo-dihydro-2h-indol-2-ylidene) hydrazinecarboximide Schiff bases	The Pharma Innovation Journal	7(10): 341-351	2018	
12	Microwave Assisted Synthesis and Biological Evaluations of Some Novel Coumarin Schiff Bases	Journal of Global Trends in Pharmaceutical Sciences	8(4): 4573-4582	2017	
13	Synthesis, Characterisation, Insilico and Toxicity Predictions of Novel 3N-Substituted 2-Methylquinazoline-4(3H)-one	Indo American Journal Of Pharmaceutical Research	6 (11), 6822-6828	2016	
14	Synthesis, characterisation, antihelmintic, insilico and toxicity predictions of novel 5-(aryl substituted)-5-(benzylidene amino) -1H- 1, 2, 4-triazole-3-thiol derivatives	Indo American Journal of Pharmaceutical Research	6 (2), 4450-4460	2016	

15	Docking And Invitro Anticancer Studies Of Some Novel Synthesized 4-Methyl Benzocoumarin 8-(N-Substituted) Sulfonamides	International Journal of Recent Scientific Research	7 (8), 13171-13177	2016	
16	Synthesis, In Silico and In Vitro evaluation of some novel 5-[2-phenyl vinyl]-pyrazole and pyrazoline derivatives	Der Pharma Chemica	8 (15), 122-128	2016	Scopus
17	Microwave assisted synthesis of 4-substituted polyhydroxylidene-2-phenyl oxazolidine-5-ones	World Journal of Pharmacy and Pharmaceutical Sciences	4(7), 1478-1487.	2015	
18	In-Vitro Evaluation of some Novel 5, 5-disubstituted -1, 2, 4-triazolidine-3-one derivatives	International Journal of Pharmacy and Life Sciences	6(4), 4417-4426	2015	
19	Synthesis, characterisation and in vitro Evaluation of some novel 1H-1, 2, 4-Triazole-3-Thiol derivatives	The Pharma Innovation	4(3),49-55	2015	
20	Synthesis, antihelmintic and insilico evaluation of 5-(substituted styryl)-5-(benzylideneamino)-1, 2, 4-triazolidine-3-ones	Der Pharma Chemica	7 (4), 64-71	2015	Scopus
21	In Vitro Anthelmintic activity of some Novel N-substituted Imidazolin-5-one derivatives.	International Journal of	5(8), 3765-3773	2014	

		Pharmacy & Life Sciences			
22	Synthesis and evaluation of 2-substituted thiadiazole Schiff bases	International Journal of Pharmacy	4(3): 123- 131	2014	
23	Synthesis And Antibacterial Evaluation Of Some New Coumarin Derivatives Of Pharmaceutical Interest.	International Journal of Pharmacy	4(1) 369- 373	2014	
24	Microwave assisted synthesis and in vitro evaluation of some new imidazolin-5-one derivatives	The Pharma Innovation Journal	3(9): 4-11	2014	
25	Evaluation of Some Novel Synthesised 2-Amino-1,3,4- Thiadiazole Derivatives	Scholars Academic Journal of Pharmacy (SAJP)	3(6): 432- 437	2014	
26	Evaluation of antiulcerogenic activity of various extracts of saraca indica bark on aspirin induced gastric ulcers in albino rats	International Journal of Research in Pharmacy and Chemistry	3(4),753- 758	2013	
27	Synthesis and Anti-bacterial studies of new sulfonyl benzocoumarin derivatives	International Journal of Reserch in Pharmacy and Chemistry	3(4),808- 812	2013	

28	New spectrophotometric methods for estimation of Ethacridine lactate in pharmaceutical formulations	Pelagia Research Library Der Chemica Sinica	2 (1): 15-20	2011	Scopus
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➤ Completed Online Certification Course- **NPTEL in Basic course in Biomedical Research.**

➤ Pursuing **PG Diploma in Yoga** from Annamalai University, Chidambaram, Tamilnadu

5) **Students Guided:**

M.Pharm Students: 8

B.Pharm Students: 5

6) **CONFERENCES ATTENDED-Since 2017**

Attended FDP Programme:

- Online FDP on "Leadership & Excellence" from 2020-9-22 to 2020-9-26 at College of Engineering and Technology, Bhubaneswar (A Constituent College of BPUT, Odisha).
- Online Elementary FDP on "Drug Engineering" from 2021-06-28 to 2021-07-02 at Delhi Institute of Pharmaceutical Sciences and Research.
- Online Elementary FDP on "Adoption of Virtual Reality Technologies For Drug Discovery: The centerpiece Of Academic And Industry Labs" from 26/07/2021 to 30/07/2021 at KIET Group of Institutions (KIET School of Pharmacy).
- Online FDP on **Outcome Based Education** organised by Indira College of engineering and management, Pune from 18/6/2020 to 20/6/2020
- Participated in One Week Online International Faculty Development Program on “Emerging Innovations and Insights in Pharmaceutical Sciences” by V.V. Institute of Pharmaceutical Sciences, Vadlamudi from 08/6/2020 to 13/6/2020
- One week FDP on Research Writing Organised by IQAC Cell, Vijaya College of Pharmacy, Vijayawada from 7/2/2022 to 11/7/2022.
- Participated in the **“STEM Teacher Training Workshop on Research-Based Pedagogical Tools (Level 1)”** sponsored by the Department of Biotechnology (DBT),

**Govt of India; the British Council; Center of Excellence in Science and Mathematics
Education, IISER Pune (supported by the Ministry of Human Resources)**

Organised workshops at national level: 01

- As a Co-ordinator in a National Seminar on “**Importance Of Process Chemistry In Drug Discovery And Development**” organised by KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 18/04/2019.

As a Reviewer:

- In Rasayan Journal of Chemistry for the manuscript –RJC6473/2021
- Primary evaluator for TOYCATHON-2021.

As A judge:

- As A judge for “**Dr.Sudha Science Quest**” organised by St.Johns English Medium High School, Vijayawada on 28th January 2019.

National/International Seminars/Conferences/Workshops Presented/Attended within and outside the institute :

- Participated in workshop on total positive transformation conducted by Hare Krishna Movement, Vishakapatnam from 2/6/2021 to 25/6/2021
- Participated and won Second prize in Oral presentation in International conference on pharmacy practice and therapeutics held by Nirmala College of Pharmacy, Mangalgiri on 17 and 18 /12/2020.
- Participated in webinar on Transforming drug discovery with advanced computational modelling on 21/5/ 2021 held by Schrodinger
- Participated in webinar and demo on lead optimization of drug candidates through multiparameter approach organised by department of pharmaceutical chemistry, JSS College of Pharmacy, Mysuru held on 19/6/2021
- Participated in webinar organised by JSS College of Pharmacy, Ooty on Recent Advances in Drug Design held on 23/6/ 2020.
- Participated in the Webinar on “Recent Advances in Antiviral Drug Discovery and Development” Organized by IQAC Cell in association with Antiviral Research Society on 09/7/2020 by KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada.

- Participated and acted as adjudicator for E-Poster evaluation at national conference on multidimensional NMR spectroscopy and its software applications held at Acharya Nagarjuna University on 17 and 18/3/2020
- As a Evaluator for posters in the National seminar on “**Importance of Process Chemistry in Drug Discovery and Development**” organised by Dept Pharmaceutical Chemistry, KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 18/04/2019.
- Participated in National Seminar on “**Safeguarding Environment Through Ecofriendly and Sustainable Chemical Methods**” organised by Dept Pharmaceutical Analysis, KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 16/04/2019 & 17/04/2019.
- Participated in “**Entrepreneurship Awareness Camp**” sponsored by **DST- National Implementing and Monitoring Agency for Training (NIMAT) project in association with Entrepreneurship Development Institute of India (EDII) & SAGTE** organised by Siddhartha Pharma Innovation & Incubation and KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada from 28/03/2019 to 30/03/2019.
- Participated in National Workshop on “**Modern Analytical Techniques**” organised by Dept Pharmaceutical Analysis, KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 15/03/2019 & 16/03/2019.
- Participated in National seminar on “**Novel Approaches in the Management of Cardiovascular Diseases**” organised by Dept Pharmacy Practice, KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 12/03/2019.
- As a Judge in National Seminar on “**Medicinal Plants: Indigenous Wealth of India**” organised by Dept Pharmacognosy, KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 07/03/2019.
- Participated in “**Tharuni Tarangalu- Mahila Fest**” organised by Siddhartha Academy, Vijayawada on 12/02/2019 & 12/02/2019.
- As an **Evaluator** for “**57th National Pharmacy Week**” Poster presentations.
- Participated in a Workshop on “**Bioanalysis in Pharmacokinetics Studies**” organised by KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 8/10/2018.
- Participated in a One day Seminar on “**Recent advances in Chemistry and its role in Drug Design**” organised by Sri Siddhartha Pharmacy College ,Nuzvid, on 12/07/2018

- Participated in a National Seminar on “**Molecular modelling: Insilico tools in target identification and drug discovery**” Dept Pharmaceutical Chemistry, KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 15-03-2018.
- Participated in a National Seminar on “**Herbal drugs as valuable therapeutics and supplements**” Dept of Pharmacognosy, KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 28-02-2018.
- Participated in National Seminar on “**Cancer Management: Pharmacist Role & Expectations**” organized by KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 2nd February, 2018.
- Participated in National Seminar on “**New Trends in Drug Metabolism & Pharmacokinetics in Preclinical Research**” by KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 23rd December, 2017.
- Attended as a **judge** for **DR. Sudha Science Quest** organized by St. John’s School, Vijayawada on 30th November, 2017.
- Attended as a **judge** for **CIENCIA-2K17** organized by P.B.Siddhartha College of Arts and Sciences, Vijayawada on 7th September, 2017.
- Participated in awareness seminar on “**Jan Aushadhi in Health Management**” at KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada on 28th March, 2017.

7) SOFTWARE EXPERIENCE:

Molinspiration, OCHEM (Online Chemical Modelling), OSIRIS Property Explorer, Datawarrior, Pharmagist- pharmacophore mapping tool, Docking(schrodinger , autodock, autodock vina and pyrx), Swiss ADME prediction and Swiss target prediction, Chemicalize Chemaxon Property Explorer, Chems sketch, Marvin, Chemultra, Chemdraw, Chemdoodle

8) AWARDS AND RECOGNITION

- GATE rank (AIR)-**26** in the year 2005 with a percentile of **98.8**

Gold Medals:

1. Indian Pharmaceutical Congress-2006
2. Thadikonda Research Foundation-2006
3. G.P Nair Award By IDMA -2006
4. Sri Nageswara Rao Pantulu Gold Medal-2006
5. Prof.E.Venkatarao Sastipoorthi Prize-2006

6. Prof.S.Rangaswamy Gold Medal-2007

9) SUBJECTS TAUGHT:

B.Pharm :

- Organic Chemistry –I,II,III
- Medicinal Chemistry I,II,III
- Chemistry Of Natural Products
- Environmental Sciences
- Human values and professional ethics

M.Pharm

- Advanced Instrumental Techniques
- Advanced Organic Chemistry
- Advanced Medicinal Chemistry
- Spectral Analysis
- Chemistry Of Natural Products

10) CURRENT INTERESTS

- Recent chemistry advancements on insilico evaluation methods such as QSAR,
 - Docking.
 - Synthesis of new organic molecules by various methods such as conventional, microwave, friction, etc
 - Extraction, isolation of constituents from plant extracts and their identification.
- a. Additional works entrusted by the College (Highlight the Nature, Quality & Effectiveness of work/Duty Handled):
- As a cultural coordinator for various events conducted in the college
 - Active in the work assigned by the college in the documentation process of NBA.
 - Appointed as a member for various committee of glassware
 - As an Academic coordinator

11) Address for communication:

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