



Dr. SURENDRA BABU LAGU. M. Pharm., Ph.D
Assistant Professor (Ad. hoc)
Pharmaceutical chemistry division
Adikavi Nannaya University college of Pharmaceutical Sciences
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CAREER OBJECTIVE:

Seeking for a job to pursue a challenging career where, i can utilize my knowledge and skills towards achieving the goals of the organization.

ACADEMIC EDUCATIONAL QUALIFICATION:

Qualifications	University Colleges	Duration of courses	Percentage (%)
Ph. D Pharmaceutical Chemistry	AU College of pharmaceutical sciences, Andhra University, visakhapatnam-530003, A.P., India.	2017-20	Awarded
M. Pharmacy, Pharmaceutical Chemistry	AU College of pharmaceutical sciences, Andhra University, visakhapatnam-530003, A.P., India.	2015-17	76.9
B. Pharmacy	University college of pharmaceutical sciences, Acharya Nagarjuna University, nagarjuna nagar, Guntur district, A.P, India.	2011-15	71.09

NATIONAL LEVEL QUALIFIED EXAMS:

Exam type	Application number	Hall ticket number	Rank
GPAT 2016	1101136952	1101136952	1565
NIPER MS PHARMA	500213	1050046	1070
NIPER MBA 2016	500213	1050046	227

AREAS OF INTEREST

- Chemical Studies on Bioactive metabolites from Natural Sources
- Synthesis and evaluation of bioactive heterocyclic compounds
- Development of Synthetic routes for the modification of bioactive natural products.
- Development of analytical profiles for drugs by HPLC and RP-HPLC methods

WORK EXPERIENCE:

- Currently working Assistant Professor in AKNU COLLEGE OF PHARMACEUTICAL SCIENCES, Tadepalligudem. From 04 march 2020 to till date.
- I worked as guest faculty in A.U COLLEGE OF PHARMACEUTICAL SCIENCES, Visakhapatnam, for period of fifteen months (1st July 2018 to 29February 2020).

- I worked as asst. Professor in Avanthi Institute of Pharmaceutical Sciences, Chittivalasa, Vizianagaram District for period of six months (3rd oct 2017 to 2nd April 2018).
- I had one month experience in **Central Drug Standard Control Organization** for the post of Bench chemist in Chennai at January 2017
- One month industrial training at **Ra chem pharma ltd.**, Hyderabad in B.Pharma., 2014.
- Trained in handling I.R, U.V, Rota Apparatus, Flash Chromatography, Column Chromatography and CADD Program.

Awards and Honors

- Awarded younger Research achievers Award-2022.
- As reviewer in national and international journals

ACHEIVEMENTS:

- I stood 3rd rank in **Andhra University Research Common Entrance Test-2017**, Pharmaceutical chemistry specialization.
- State level **PGECET** 121 rank
- Elected as a student Ambassador in class level
- In Adobe photo shop cs4 secured first.
- In Inter collegiate, youth festival conducted a debate on **Development of India in various spectrums on both positive and negative aspects** I stood second among Affiliate College of A.N.U in 2014.
- A team leader in **Academic exhibition**, which held on 2014 at Acharya Nagarjuna University, secured second prize.

ACADEMIC PROJECT:

DOCTOR OF PHILOSOPHY TITLE: Design, Synthesis, Biological And Computational Screening Of Novel Chalcones And Their Six Membered Nitrogen And Oxygen Containing Heterocyclic Derivatives

M.PHARMACY PROJECT TITLE: Chemical and biological evaluation of leaf extracts of *Melia azedarach*. L

B.PHARMACY PROJECT TITLE: Evaluations of anti convulstant activity of aqueous leaf extract of *Argyria nervosa* against PTZ and MES induced seizure in mice.

PUBILCATIONS:

- **SurendraBabu lagu**, RP Yejella, S Nissankararao, RR Bhandare, VS Golla, *Antitubercular activity assessment of fluorinated chalcones, 2-aminopyridine-3-carbonitrile and 2-amino-4H-pyran-3-carbonitrile derivatives: In vitro, molecular .PloS one 2022, 17 (6), e0265068*

- **Lagu surendra Babu**, Dodda Suresh, V. Muralikrshna madasu and J.L.S.S Phani Kumar iological active benzofused bioisosters benzimidazole, benoxazole and benzothiazoles. *Advance research in chemistry by akiNik publications* , Vol 3, chap 8, Issue 12, 2022, 131-150.
- Sandhya Rani.Baratam, Raghu Prasad Mailavaram, ,Rajendra Prasad Yejella, **SurendraBabu lagu**, ,Ramanamma Lalam, Jagadeesh panda Bio Analytical Lc-Ms Method Development And Validation For Ravulizumab In Rat Plasma Using Eculizumab (Internal Standard) *Journal of Cardiovascular Disease Research* 2021, 12 (05), 2367
- Sandhya Rani.Baratam, Raghu Prasad Mailavaram, ,Rajendra Prasad Yejella, ,**SurendraBabu lagu**, ,Ramanamma Lalam, Jagadeesh panda New Analytical Method Development And Validation For Simultaneous Estimation Of Sofosbuvir And Velpatasvir In Bulk And Pharmaceuticaldosage Formbyrp-Uplcmethod *Journal of Cardiovascular Disease Research* 2021, 12 (05), 2367
- **Lagu surendra Babu** and Y. Rajendra Prasad Design, Synthesis, And Characterization Of The Some Novel 2-Amino-Pyridine-3-Carbonitrile And 2-Amino-4h-Pyran-3-Carbonitrile Derivatives Against Antimicrobial Activity And Antioxidant Activity. *Asian J Pharm Clin Res*, Vol 13, Issue 12, 2020, 125-134
- Ho Viet Hieu, **Surendra babu lagu**, and vinay bharadwaj tatipamula, Moss bryum weigelii spreng improves survival I septic rats induced by cecal ligation and puncture, *TJPS*, 2020 Nov 30
- **Lagu SB**, Yejella RP, Bhandare RR, Shaik AB. Design, Synthesis, and Antibacterial and Antifungal Activities of Novel Trifluoromethyl and Trifluoromethoxy Substituted Chalcone Derivatives. *Pharmaceuticals*. 2020 Nov;13(11):375.
- **Lagu Surendra Babu**, Afzal Basha Shaik, and Y. Rajendra Prasad. "Synthesis, Antibacterial, Antifungal Antitubercular Activities And Molecular Docking Studies Of Nitrophenyl Derivatives." *Int. J. Life Sci. Pharma Res* 9.1 (2019): 54-64.
- Vinay Bharadwaj Tatipamulaa, Murali Krishna Kolli, **Surendra Babu Lagu**, Karuna Raman Paidib, Raveendra Reddy and Rajendra Prasad Yejella “NOVEL INDOLIZINE DERIVATIVES LOWERS BLOOD GLUCOSE LEVELS IN STREPTOZOTOCIN-INDUCED DIABETIC RATS A HISTOPATHOLOGICAL APPROACH”. *Pharmacological report (Elsevier)* 71 (2019) 233–242
- **Lagu, Surendra Babu**, Y. Rajendra Prasad, and D. Geetha Mounika. "Evaluation of In Vitro Anti-Oxidant activity and Phytochemical Studies carried out for Melia Azedarach Leaf extracts." *PharmaTutor* 6.3 (2018): 38-44.
- Rajkumar Prava, Ganapathy Seru, Vamsi Krishna Pujala and **Surendra Babu Lagu**. “RP-HPLC Method Development And Validation For Simultaneous Determination Of Lamivudine, Abacavir And Dolutergravir In Pharmaceutical Dosage Forms”. *World J Pharm Sci* 2017; 5(5): 168-181
- Rajkumar Prava, **Surendra Babu Lagu**, Ganapathy Seru and Sabbella Radha Krishna "Design, Characterization And Impurity Profiling Of Celecoxib By RP-HPLC." *wjpps* (2017); 6(4): 1829-1851

- **Lagu surendra babu, M. satti babu, CH. Suresh and K. phani kumar** “Evaluations Of Anti Convulstant Activity Of Aqueous Leaf Extract Of *Argyria Nervosa* Against PTZ And MES Induced Seizure In Mice” *IOSR Journal of pharmacy and biological sciences (IOSR-JPBS)* 2016; 11(3) , 45-50.
- **Siddhanadham Arun Satyadev, Lagu surendra babu and Sowmya Mantha** “Synthesis, Characterization And Biological Evaluation 1, And 3 4- Thiadiazoles Schiff Bases”. *International Journal of Current Research.* 2016; 8(8):36100-3610

PRESENATIONS:

- I presented a paper on Evaluation of Antioxidant Activities of Some Novel Chalcones Analogues at 26TH INTERNATIONAL CONFERENCE OF INTERNATIONAL ACADEMY OF PHYSICAL SCIENCES on (Advances in Chemistry and Chemical Technology) held at (Indian Institute of Technology **BHU** Varanasi) during **18-20 December, 2020**
- I presented a poster on Synthesis and Characterization Some of Cyanopyridine, Cyanopyrans from 4-trifluoromethylacetophenyl, 4-trifluoromethoxyacetophenyl Derivative and their Antimicrobial Activity on International Conference on Drug Discovery (ICDD) 2020 held on 29 feb, 1 march, 2march 2020.
- I presented a poster on emerging trends in antimicrobial drug development: implications for the future, 17th indo-African conference which was held in Sri Vasavi Institute of Pharmaceutical Sciences, Tadepalligudem, A.P.
- I presented a poster on current trends on histone deacetylase inhibitors in **APSC-2017** at Andhra University College of pharmaceutical sciences International conference on drug for the future infections disease anti-microbial drug discovery, challenges and perspectives, to that I performed on topic of recent trends in **pulsatile drug delivery system**. Scheduled on 28 March 2014, www.niperhyd.ac.in.

WORK SHOPS INVOLVED:

- The work shop on **Computational methods in drug discovery** held in Jss college of Pharmacy in Udhagamandalam (Ooty) on 28 and 29 September, 2018.
- **Principles and practice of molecular modeling in teaching and research** held at AUCoPs
- **Problem base teaching and learning of organic chemistry and analytical chemistry** held at Vignan Institute of pharmaceutical technology duvvada.
- **One day work shop** on Employment opportunities and required skills for Pharma professionals organized by **HRD**
- **CPCSEA-Ministry Of Environment and Forest, Govt. Of India** sponsored national workshop on experimental pharmacological technique held at AN University.
- **Four day's work shop** on listening, speaking, reading and writing (L.S.R.W) organized by **HRD**.
- Training held on Kings Institute of fire and safety engineers.

- **UGC** sponsored national workshop on Intellectual property right and patent filling held at a university.
- **UGC** sponsored national seminar on innovative research and development in pharmaceuticals sciences current scenario and new horizons held at a university.
- **APSCHE** sponsored national seminar on drug regulatory affairs and quality assurance held at Acharaya Nagarjuna University.

Subjects Taught (PG/UG Level)

Pharmaceutical organic chemistry

Inorganic chemistry

Biochemistry

Medicinal chemistry

Pharmaceutical Analysis

Pharmacology

Hospital Pharmacy

TECHNICAL SKILLS:

- **Professional skills** : Leadership qualities have zeal to learn new concepts and Teamwork.
- **Personal skills** : Creative, confident, dedication, positive attitude and reading.
- **Technical skills** : Hands on experience on sophisticated pharmaceutical instruments like Bruker FTIR with OPUS software, EZ-Melt apparatus, Shimadzu 1800 UV spectrophotometer, Agilent Triple quad LCMS 6410 Series, Freeze dryer, Plethysmometer, Potentiometer, colorimeter, colony counter, Buchi Rota vapor, Dissolution Apparatus, Disintegrating apparatus, Pole climbing apparatus, sieve shaker, laminar air flow, Tablet punching machine, Capsule filling, Onitment filling, animals handling , Routes Of Administration, Actophotometer, Sphygmomanom and Haemoglobinometer. Buchi Rota vapor
- **Computer knowledge:** Computer Aid Drug Design, Molecular Docking Studies, MS Word, MS Excel and MS PowerPoint.

MEMBER OF PROFESSIONAL BODIES:

- Life Member in Association of Pharmaceutical Teachers of India (APTI (I.D: AP/LM-648))
- Registered Pharmacist in the state of Andhra Pradesh (A1114932)
- Life Member in Institute Scholar (2022YAA22)

SOCIAL SERVICES:

- Participate in **APSC-2017** as an organizing committee member at Andhra University College of pharmaceutical sciences (2017)
- Participate in **68th IPC** as a volunteer at Andhra University College of pharmaceutical sciences (2016).
- Participate in **Blood donation camp** (2014).
- Participate in one-week special camp, Youth for Healthy society at **Nambur village** (2013).

- Certified **National services scheme** volunteer from Nagarjuna University (2011-2013).
- Participate in eye camp at a **University college of pharmaceutical sciences** (2013).

FDP and webinar

- I attended to 'Novel Insights in Pharmaceutical Sciences during COVID-19 Pandemic' by Santhiram College of Pharmacy, Nandyal, Kurnool Dist. A. P. India. held from 22nd to 24th May 2020
- I performed excellently in Role of NMR in the Structure Analysis of Organic Compounds., by vignan Pharmacy College, Andhra Pradesh, India on 20th May, 2020
- I attended to 'The Life of a Brand Manager: Expectations Vs Reality' which was Organised by IIMR University on 16 May, 2020
- I attended to "TRANSFORMING DRUG DISCOVERY WITH ADVANCED COMPUTATIONAL MODELING" organized by in collaboration with the Schrodinger, USA., by vignan Pharmacy College, Andhra Pradesh, India
- I participated the webinar on "Application of Natural Dyes" for Faculty and Research Scholars by Erode Sengunthar Engineering College, Perundurai, Erode, India held on 11 May 2020
- I attended the Webinar on the topic 'Replacement of Animal Procedures: Alternatives in Education, Testing and Research' by Dr.M.G.R Educational and Research Institute, Velappanchavadi, Chennai. Held on 28 May 2020
- I attended to "Building Research and Innovation Culture among Pharmacy Teachers" organized by Dr. D Y Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune in association with APTI dated 18th to 22nd MAY 2020.
- Researcher Academy has successfully completed the following module Standing up for Science by ELSEVIER on 05 April, 2020
- I attended the Webinar on the topic "Writing a B.pharm and M.Pharm thesis organized by MYBO GROUPS on 24 May 2020
- I attended the Webinar on the topic "Writing a Pharm.D thesis organized by MYBO GROUPS on 17 May 2020
- I participated Effective Proposal Writing to Secure Research Funding by LetPub, Learning Nexus on 15 May 2020
- I performed excellently in the online quiz on The role of Regulatory Affairs in the Pharmaceutical Industry by conducted by Malla Reddy College of Pharmacy on 28 May 2020
- I participated 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 IPAED.
- I participated in Basic Course in Workshop on NMR Spectroscopy Software by Genesin of Educational Impressions Roorkee, Uttarakhand, India on May 17 May 2020.
- I participated an advance course by hand on training in Workshop of Graphpad prism Software by Genesin of Educational Impressions Roorkee, Uttarakhand, India on May 21 May 2020.

- I participated an advance course by hand on training in Workshop on NMR Spectroscopy Software by Genesin of Educational Impressions Roorkee, Uttarakhand, India from 17 May 2020 to 20 May 2020
- I participated in the online workshop of Basic Course in GraphPad Prism Software by Genesin of Educational Impressions Roorkee, Uttarakhand, India on May 19, 2020.
- I attended the webinar titled Understanding Practice School & its concept in UG Pharmacy Education. by JSS Academy of Higher Education & Research on May 23 2020.
- I participating in the webinar entitled “Ancient Ayurveda Pharmaceutics - Advances in Phytopharmaceutical Product Development” by Vignan Pharmacy College held on 26th May 2020.
- I participating in the webinar entitled “ICH Q10 - A Comprehensive Model for Pharmaceutical Quality System” by Vignan Pharmacy College held on 31st May, 2020.
- I participating in national webinar entitled “immune checkpoint blockade” a new era of cancer therapy by Vignan Pharmacy College held on 1st June, 2020.
- I participated in the Webinar Stop Plagiarism - The Best Practices for Implementation conducted by Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur in Association with Indian Pharmaceutical Association, Education Division.
- I participated in A Two Day Webinar on “Specialized Knowledge On Parenterals And Pharma Industry Perspectives” on 13th & 14th June, 2020 organised by Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur in Association with IPA,
- I participated in the Webinar An International Webinar On “Guidance To Write A Scientific Paper & Importance Of Citation & Referencing Of Publications organised by Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur in Association with IPA held at 19th June, 2020
- I participation in Online National Faculty Development Programme ARISE on “Latest Trends in Pharmacology” was organized by Hindu college of Pharmacy which held from 22nd-24th June, 2020.
- I participation three days international webinar series on herbal remedies and COVID-19 was organized by Hindu college of Pharmacy which held from 28th-30th June 2020
- I participation in PRAJWALA-on contemporary issues in Pharmaceutical regulatory affairs was organized by Hindu college of Pharmacy which held from 29th to 28th June 2020
- I participating in the FDP entitled “Pedagogy and challenges in pharmaceutical research ” by Maharajahs college of Pharmacy held Phool baugh, vizianagaram on 1st 12th June, 2020.
- I attended the Webinar on the topic "optimization in pharmaceutical technology: concepts, Applications and Demonstration” organized by MYBO GROUPS on 31 May 2020
- I participation FDP webinar series on creative research and innovation in spectroscopy was organized by Hindu college of Pharmacy which held from 08th-13th June 2020
- I participation Webinar on Sectoral Implications of COVID-19 on Indian Economy held on 22 May 2020 at IIM Covid malla reddy college

- I Participant, in International Webinar on “Clinical SAS: Applications in Clinical trials and Pharmaceutical Industry” organized by the Hindu College Pharmacy Alumni Association (HAA) and Dept. of Pharmacy Practice, Hindu College of Pharmacy, Guntur, on 30th July 2020 (Thursday) @ 4.00 PM
- I participation in The Live Interactive Session on Post-Pandemic Scope of Pharmacy Education - Strategies for Post-Pandemic Pharmacy Education (PPE) –Jointly organised by IPA with JSS Academy of Higher Education and Research, CHIPS -Guntur and VIPS-Rajahmundry at 18th July 2020

PERSONNEL DETAILS

Name	:	L. Surendra babu
Father's Name	:	L. Babu
Gender	:	Male
Nationality	:	Indian
Religion	:	Hindu
Languages Known	:	Telugu and English

DECLARATION:

I hear by declare that the above mention information is correct up to my Knowledge and I bear the responsibility for the correctness of the above mention particulars.

(LAGU SURENDRA BABU)