

CURRICULUM VITAE

Dr. Amgoth Srinivas Nayak
M.Pharm., Ph.D

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Subject: **Pharmacy**
Specialization: **Pharmaceutical Chemistry**

Qualifications:

- **Ph.D** in Pharmaceutical Sciences (Pharmaceutical Chemistry) from Kakatiya University, Warangal, (January 2011).
- **M.Pharmacy** in Pharmaceutical Chemistry from Kakatiya University, Warangal, (2003-2005), 1st Division.
- **B. Pharmacy** from St. Peters Institute of Pharmaceutical Sciences, Kakatiya University, Warangal, 1998-2002, 1st Division.
- **Intermediate** from Krishnaveni Junior College, Kothagudem, Khammam, 1995-1997, 1st Division.
- **S.S.C.** from Ravibalaniketan High School, Kothagudem, Khammam, 1994-1995, 1st Division

Experience:

- Presently working as Assistant Professor (c) at University College of Pharmaceutical Sciences,, Satavahana University from 20th January 2012 to till date
- Worked as Associate Professor and Head of the Department at Vaagdevi Institute of Pharmaceutical Sciences, Warangal from 3rd January 2011 to 19th January 2012.
- Worked as Teaching Associate to teach theory and practical classes for B.Pharmacy and M.Pharmacy during the Ph.D research period according to University Grants Commission (UGC) norms from 1st August 2008 to 31st December 2010.
- Worked as Assistant Professor at Vaagdevi Institute of Pharmaceutical Sciences, Warangal from 1st `December 2006 to 31st July 2008.

- Worked as Assistant Professor at Vaagdevi College of Pharmacy, Warangal from 15th June 2005 to 30th November 2006.

Research Experience:

- As a part of Ph.D research work project entitled “**Design, Synthesis and Evaluation of Some New 1,4-Dihydropyridines as Possible Anticancer Agents**” under the joint guidance of **Prof G. Achaiah and Prof. V. Malla Reddy**, University college of Pharmaceutical Sciences, Kakatiya University, Warangal, from 1st August 2008 to 31st December 2010.

Awards and Fellowships:

- Selected for **Post Doctoral Fellowship** from University Grants Commission (UGC) 2012, India
- Secured All India rank 1745 in Graduate Aptitude Test of Engineering (GATE) held in February 2002 (with 61.56 percentile).
- Received fellowship from University Grants Commission (UGC) during M. Pharmacy (2003-2005), India.
- UGC -Senior Research Fellowship (RGNFS) 2010, India
- UGC- Junior Research Fellowship (RGNFS) 2008, India

Research Area of Interest:

- Synthesis of dihydropyridines and their derivatives as possible biological and Pharmacological evaluation.

Project Work Supervision:

- Awarded two PhD scholar under JNTUH as a Supervisor
- Currently guiding one Ph.D Research Scholar JNTUH as a Supervisor

Research Publications:

1. Design microwave assisted synthesis and characterization of Oxadiazoles, **World Journal of Pharmaceutical Research**, A.Srinivas Nayak, G.Baby, P.Durga Bhavani, G.Madhukar, B.Niharika, K.Sudharani, 13, 991-995, 2023.
2. One pot microwave assisted synthesis and biological activities of 1,4-Dihydropyridines, **International Journal of Pharmaceutical Research and Applications**, A.Srinivas Nayak, K.Sunitha. 7, 991-994, 2022.
3. Microwave assisted synthesis and characterization of 1,4-Dihydropyridines, **World Journal of Pharmacy and Pharmaceutical Sciences**, Amgoth Srinivas Nayak, M.Mounika, J.Sravanthi, 10(8),1770-1774, 2021.
4. Studies of Physiochemical Parameters of Water Samples, International Journal of Pharmaceutical Archive K.Raju and A.Srinivas Nayak, 9(6)2020, 1-3
5. Synthesis and anticancer activity of 4-substituted-3,5-bis-*N*-(4-methylphenyl)carbamoyl-2,6-dimethyl-1,4-dihydropyridines, **International Journal of Pharmaceutical Sciences and Research**, 2020, Venumadhav Neerati, Chinna Eswaraiah and Srinivas Nayak Amgoth, Impact Factor: 1.230. (Accepted), IJPSR/RA-14874/06-20).
6. Design, synthesis and antimicrobial activities of 1,4-Dihydropyridines, **International Journal of Research in Pharmacy and Chemistry**, 2020; 10 (1):50-53, N.Venumadhav, A. Srinivas Nayak and Chinna Eswaraiah
7. Synthesis and antimicrobial activities of 1,4-Dihydropyridines, **Journal of Pharma Research**, 2020; 9 (1), N.Venumadhav, A. Srinivas Nayak and Chinna Eswaraiah
8. In Vitro Antiinflammatory, Analgesis, and Acute toxicity studies of Ethanol Extracts of *Terminelia eliptica*, , **International Journal of All Research Education and Scientific Methods**, 2020; 8(11): 141-143 K.Sunitha and A.Srinivas Nayak
9. Screening of Antidiabetic activity of *Physalis Minima* Fruits, **International Journal of Phrama and Biosciences**, 2020; K.Sunitha and A.Srinivas Nayak

10. Microwave assisted synthesis and characterization of 1,4-dihydropyridines, **European Journal of Biomedical and Pharmaceutical Sciences** 2019; 6 (7), 322-324, N.Venumadhav, **A. Srinivas Nayak** and Chinna Eswaraiah
11. Design, synthesis and characterization of some new 1,4-Dihydropyridines, **The Pharma Innovation Journal**, 2019;8(11) 217-219, N.Venumadhav, **A. Srinivas Nayak** and Chinna Eswaraiah.
12. Pharmacognostic and Phytochemical Evaluation of Leaves of *Myristica fatua* var.magnifica (Beddome) Extracts, **International Journal of Pharmaceutical Research**, 2019; 11 (3), 1152-1159 V.Padmaja, E.C.Eswar and **A.Srinivas Nayak**
13. Evaluation of Muscle Relaxant and Locomotor Activities of *Malpighia emarginata* and *Holoptelia integrifolia* 10 (2), 2019 V.Padmaja, **A.Srinivas Nayak** and E.C.Eswar
14. Evaluation of Pharmacological Activities of Leaves and Bark of *Myristica fatua* var. magnifica Extracts. "**Iranian Journal of Pharmaceutical Sciences**" 2017. V. Padmaja, **A.Srinivas Nayak** and E.C.Eswar
15. "Evaluation of Analgesic and Anti-inflammatory (*In-vitro and In-vivo*) Activity of Petroleum ether, ethyl Acetate and Methanol Extracts of *Malpighia emarginata* (DC)" "**Global Journal of Pharmacology**" 11(2),21-27, 2017. V.Padmaja, **A.Srinivas Nayak** and E.C.Eswar
16. Stability indicating RP-HPLC method for estimation of Nislodipine in bulk and tablet dosage form, "**International Journal of Current Research**" Vol.9 (12)62453-62457, 2017. Vishnu Vardhan D, Venkateswar Reddy K, and **Srinivas Nayak A**
17. Development and validation of High Performance Liquid Chromatography(HPLC) method for Candesartan Cilexetil in pure and formulation products, "**International Journal of Pharmacy and Biological Sciences**" Vol 6 (4), 35-41,2016, Vishnu Vardhan D, Venkateswar Reddy K, and **Srinivas Nayak A**
18. "In vivo screening of hypoglycaemic activity of *Cochlospermum vitifolium* on alloxan induced diabetic rats" **International Journal of Pharmacology Research** Vol.4 (1), 2014. V.Padmaja, E.C.Eswar and **A.Srinivas Nayak**
19. "Evaluation and characterization of *Cochlospermum vitifolium* of seed mucilage" "**International journal of phytotherapy**", Vol.4 (2), 2014. V.Padmaja, E.C.Eswar and **A.Srinivas Nayak**

20. In vitro anti-inflammatory activity of various extracts of leaf and bark of *Holoptelia integrefolia* planch “**International journal of pharmaceutical sciences and research**” Vol.5 (7), 2014. V.Padmaja, E.C.Eswar and **A.Srinivas Nayak**
21. “Synthesis and evaluation of some new thiadiazoles as antimicrobial agents” “**International journal of Pharmacy and bio sciences**” Vol.5 (2), 2014.
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22. “Rapid synthesis and Antimicrobial activity of some new 2-amino-5-alkyl-1,3,4-thiadiazoles”**Acta Chimica & Pharmaceutica Indica** Vol.4 (1), 2014 **A.Srinivas Nayak**, N.Venu Madhav.
23. “Synthesis and evaluation of new 5-quinolinoxymethyl 2-substituted 1,3,4-thiadiazoles” **International journal of Universal Pharmacy and Biosciences** Vol.3 (1), 2014.
A.Srinivas Nayak, N.Venu Madhav
24. “Rapid synthesis of some new 2,6-disubstituted piperidin-4-ones” **International journal of Universal Pharmacy and Biosciences**” Vol.3 (1), 2014. . **Srinivas Nayak Amgoth**, Shruthi mandala
25. “Synthesis, Anticancer and MRP1 Inhibitory Activities of 4-alkyl/aryl-3,5-bis-(carboethoxy/carbomethoxy)-1,4-dihydro-2,6-dimethyl- pyridines”, **Medicinal Chemistry Research 2012** (Impact Factor 1.62).
Srinivas Nayak Amgoth, Mahender Porika, Sadanandam Abbagani, Achaiah Garlapati, and Malla Reddy Vanga.
26. “Synthesis of some new 1,3,4-thiadiazoles as antimicrobial agents”, **Journal of Pharmacy Research**, Vol.4 (5), 2011. (Impact Factor 2.36).
N.Venu Madhav, **A.Srinivas Nayak**, J. Venkateswar Rao, and M.Sarangapani
27. “Synthesis and Antiinflammatory Activity of a Series of Novel benzaxole derivatives” **Journal of Pharmacy Research**, Vol.3 (10), 2010. (Impact Factor 2.36).
Srinivas Ampati, **Srinivas Nayak A**, and Sarangapani M
28. “Microwave Assisted Synthesis and Antimicrobial Activity of 1,4-dihydropyridines” **Indian journal of Heterocyclic Chemistry**, Vol.19, 2009. (Impact Factor 0.298).
A.Srinivas Nayak , G. Achaiah and V. Malla Reddy.

29. "Rapid Microwave Assisted Synthesis of Hantzsch 1,4-dihydropyridines" *Indian journal of Heterocyclic Chemistry*, Vol.18, 2009. (Impact Factor 0.298).

A.Srinivas Nayak , G. Achaiah and V. Malla Reddy.

30. "Rapid Aromatization of Biologically Active 4-Aryl-3,5-bis-N (2-substitutedphenyl)carbamoyl-2,6-dimethyl-1,4-dihydropyridines" *Indian journal of Heterocyclic Chemistry*, Vol. 17, 2007. (Impact Factor 0.298). T. Suresh, A. Srinivas Nayak , and V. Malla Reddy.

Paper Presentations:

1. Presented a research paper on "Synthesis and Anticancer activity of 4-alkyl/aryl-1-benzyl/cyclohexyl-3,5-bis (4-methylphenyl) carbamoyl-2,6-dimethyl-1,4-dihydropyridines, in UGC Sponsored International Conference on Recent Advances in Drug Discovery, held at University College of Pharmaceutical Sciences, Kakatiya University, Warangal, on 22nd to 24th **November, 2012. (Poster).**
2. Presented a research paper on "4-alkyl/aryl-1-benzyl/cyclohexyl-3,5-bis(carboethoxy)-2,6-dimethyl-1,4-dihydropyridines" Centre for Pharmaceutical Sciences, IST sponsored two day national conference held at JNTUH, Hyderabad on 17th August to 18th **August 2012. (Poster)**
3. Presented a research paper on "4-alkyl/aryl-3,5-bis-N (4-chlorophenyl/methylphenyl) carbamoyl-1,4-dihydro-2,6-dimethylpyridines" CSIR-IICT sponsored two day international conference held at IICT, Hyderabad on 2nd August to 4th **August 2012. (Poster)**
4. Presented a research paper on "Design, synthesis, anticancer and MRP1 inhibitory activities 1,4-dihydropyridines" Department of Science and Technology (DST) sponsored two day national conference to be held at SR college of Pharmacy on 30th March to 31st March 2012. **(Oral)**
5. Presented a research paper on "Design, synthesis, anticancer and MRP1 inhibitory activities of 4-Aklyl/aryl-3,5-bis(carboethoxy/carbomethoxy)- 1,4-dihydro- 2,6-dimethylpyridines" in Indian Phrmaceutical Congress, Bengaluru, on 17th December to 19th December 2011. **(Poster)**

6. Presented a research paper on “Design, Synthesis and Evaluation of New-4-Aklyl/aryl-3,5-bis(carboalkoxy)-2,6-dimethyl-1,4-dihydro- pyridines as possible anticancer agents” in UGC Sponsored International Seminar on Recent Advances in Drug Discovery, held at University College of Pharmaceutical Sciences, Kakatiya University, Warangal, on 22nd to 24th October, 2010. **(Poster)**
7. Presented a research paper on “Rapid Aromatization of Biologically Active 4-Aryl-3,5-bis-N-(2-substitutedphenyl) carbamoyl-2,6-dimethyl-1,4-dihydropyridines” in UGC Sponsored National Seminar on New Frontiers in Chemistry, held at Department of Chemistry, Kakatiya University, Warangal, on 23rd & 24th February, 2007. **(Poster)**
8. Presented a research paper on “Design, Synthesis and Evaluation of New Analogues of PIRACETAM against Epilepsy and Platelet Aggregation” in 57th *Indian Pharmaceutical Congress*, Hyderabad, 2nd to 4th December, 2005. **(Poster)**

Conferences Attended:

1. Participated in two day National Seminar and Workshops on Phramcoeconomics, Pharmacovigilance and metaanalysis” held at Talla Padmavathi College of Pharmacy, Warangal, from 03-11-2012 to 04-11-2012
2. Participated in two day National Conference on Drug Regulatory Affairs ” held at Chaitanya College of pharmacy education and research, Warangal, from 08-09-2012 to 09-09-2012
3. Participated in one day national symposium on “Topics in Drug Development research” held at St. Peters Institute of Pharmaceutical Sciences, Warangal, in collaboration with Association of Pharmaceutical Teachers of India, on October 6th, 2012
4. Participated in one day workshop on “Awarness on Research Projects” held at Satavahana University, Karimnagar, on 15-06-2012.
5. Participated in two day National Seminar “Advances in Pharmaceutics and Industrial Pharmacy” held at Kakatiya University, Warangal, from 25-05-2012 to 26-05-2012.
6. Participated in two day National Seminar on “Current Research Trends in Pharmaceutical Sciences” held at Jawaharlal Nehru Technological University, Hyderabad, from 22-07-2011 to 23-07-2011.

7. Participated in one day National Seminar on “Recent Trends in Clinical Research” held at Vaagdevi Institute of Pharmaceutical Sciences, Kakatiya University, Warangal, on 17th November 2010.
8. Participated in the Quality Improvement Program on “Newer trends in Pharmaceutical chemistry/ Molecular Modelling and Computer Aided Drug Design” held at University College of Pharmaceutical Sciences, Kakatiya University, Warangal, from 17-02-2009 to 28-02-2009.
9. Participated in the Quality Improvement Program on “Newer trends in Pharmaceutical Chemistry/ Molecular Modelling and Computer Aided Drug Design” held at University College of Pharmaceutical Sciences, Kakatiya University, Warangal, from 30-01-2006 to 08-02-2006.
10. Participated in one day national level workshop on “The Art and Science of Reporting Research” held at St. Peters Institute of Pharmaceutical Sciences, Warangal, in collaboration with Association of Pharmaceutical Teachers of India, on 22nd April, 2006
11. Participated in two day national seminar on “Emerging Trends In Synthetic Aspects of Medicinal Chemistry” held at University College of Pharmaceutical Sciences, Kakatiya University, Warangal, on 28th & 29th October, 2005.
12. Participated in one day workshop on teaching skills held at Talla Padmavathi College of Pharmacy, Warangal, on 20th September 2005.

Declaration:

I hereby declare that the above information provided is true to the best of my knowledge.

Date: 18-03-2026

Place: Karimnagar

(DR. AMGOTH SRINIVAS NAYAK)