

Dr. Srisailam Keshetti

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Academic Career:

Ph.D.	:	Faculty of Pharmaceutical Sciences, Kakatiya University, Warangal, AP, India
M. Pharm.	:	University College of Pharmaceutical Sciences (UCPSc), Kakatiya University, Warangal. First division with 70 % marks
GATE 99	:	Secured 90 percentile(IIT Mumbai)
GATE 98	:	Secured 85 percentile (IIT Delhi)
B. Pharm.	:	UCPSc., Kakatiya University, Warangal First division with 69 %
Co-academic	:	Post Graduate Diploma in Intellectual Property Rights from IGNOU, New Delhi in collaboration with World Intellectual Property Organisation (WIPO), Geneva, Switzerland

External Assignments:

- ◆ Inspector, Pharmacy Council of India (PCI), New Delhi
- ◆ Subject Expert for ECET 2012 & ECET 2013, Govt. of Andhra Pradesh; GPAT, AICTE
- ◆ Subject Expert for Seminar Presentations by participants of Refresher course on "Recent trends in pharmaceutical research and development and its applications to industry" sponsored by UGC held during 25.06.2012 to 14.07.2012 at Academic Staff College, JNTU, Hyderabad
- ◆ Examiner for Satavahana University, Karimnagar; Kakatiya University, Warangal; Osmania University, Hyderabad; JNTUH, Hyderabad; SPMVV, Tirupati; JNTUK, Kakinada
- ◆ Poster Evaluator in Indian Pharmaceutical Congress held at Hyderabad during 23-25 Jan, 2015

Research Experience:

- ◆ Worked as **Project Associate** in the UGC Major Research Project sanctioned to **Dr. C Veeresham** and **Prof. DR Krishna** (Aug 2001 - Feb 2004) at UCPSc, Kakatiya University, Warangal
- ◆ Worked as **Senior Research Fellow, CSIR** New Delhi (Apr 2004 – Mar 2006) at UCPSc, Kakatiya University, Warangal
- ◆ Guided **Fifteen** M. Pharm Theses in Pharmacognosy (Plant tissue cultures, Herbal Formulations, Pharmacognosy, Phytochemistry), Pharmaceutical Chemistry and Microbial Biotechnology.
- ◆ Guided **Four** candidates for Ph.D. and guiding **One** candidate.

Industrial Experience:

- ◆ Worked in The Himalaya Drug Company, Bangalore for 2 months during B. Pharm. Acquired knowledge Tablets, Ointments & Creams, Liquid Orals, Ophthalmics Production Lines and Quality Assurance.

Research Skills:

- ◆ Production of secondary metabolites from plant cell culture systems
- ◆ Quality control of Herbal Medicines
- ◆ Pharmacognostic, Phytochemical and Pharmacological investigations of medicinal plants
- ◆ Herbal formulations and their evaluation
- ◆ Chemical synthesis of new molecular entities for biological activities
- ◆ *In vitro* drug metabolism & drug interaction studies using microbial cultures
- ◆ UV, HPLC, HPTLC, LC-MS-MS analysis of drugs and metabolites
- ◆ Working with Softwares related to Pharmacy:
WinNonlin (Scientific Consulting Inc., Pharmacokinetics)
ChemWind, ChemWeb, ISIS Draw, Chem Sketch, Molecular Modeling Pro
Mass Spec Calc Pro (Mass spectra analysis)
Pallas 3.2.1.4 (Chem SW, Metabolite prediction)
- ◆ Expert in internet literature searching and reviewing the literature

Teaching Experience:

- ◆ Handled Pharmaceutical Technology II (Biological Products) Practicals for **B. Pharm** IV yr at UCPSc, Kakatiya University for the academic years 1999-2000 and 2000-2001.
- ◆ Handled Pharmacognosy Practicals for **B. Pharm.** III and IV years at UCPSc, Kakatiya University during 1999-2000, 2000-2001, 2004-05.
- ◆ Taught Medicinal Plant Biotechnology for **M. Pharm.** at UCPSc, Kakatiya University for three batches during 2001-2005.
- ◆ Handled Industrial Pharmacognosy, Advanced Pharmacognosy, Phytochemistry and Pharmacological Screening Methods for **M. Pharm** at Vaagdevi College of Pharmacy, Hanamkonda, Warangal from Apr 2006 to Sep 2009
- ◆ Worked as Associate Professor at Vaagdevi College of Pharmacy, Hanamkonda, Warangal from April 2006 to Sep 2009
- ◆ Presently working as Faculty at University College of Pharmaceutical Sciences, Satavahana University, Karimnagar 505001, Telangana State since Oct 2009

Major Instruments handled:

- ◆ HPLC with UV and PDA detectors (Shimadzu, Jasco and Waters). Well versed with softwares, method developments and applications
- ◆ HPTLC (Camag and Desaga) - Undergone training at Anchrom Enterprises, Mumbai (Camag, Switzerland recognized Applications Research Laboratory)
- ◆ Gas Chromatography (Jasco)
- ◆ Laboratory Fermentor
- ◆ Spray Drier (Labultima, Mumbai)

Publication and Presentation Skills:

- ◆ Have good writing skills for journals. Proofread many manuscripts communicated from UCPS, Kakatiya University.
- ◆ Expert in preparing data for presentations
- ◆ Worked as Editor in Chief of **Pharmacognosy Journal**
- ◆ Associate Editor of **Journal of Pharmacognosy**
- ◆ Assistant Editor of **Pharmacognosy Magazine**
- ◆ Editor in Chief of **Pharmacognosy Research**
- ◆ Member, Editorial Board, **Journal of Pharmaceutical Negative Results**
- ◆ Member, Editorial Board, **International Journal of Advances in Pharmacy and Biotechnology**
- ◆ Member, Editorial Board, **Journal of Young Pharmacists**
- ◆ Peer Reviewer for about 40 journals including Journal of Chromatographic Science, Applied Biochemistry and Biotechnology, Pharmaceutical Biology, International Journal of Pharmaceutical Sciences and Nanotechnology, Indian Journal of Experimental Biology, International Research Journal of Plant Science, Current Trends in Biotechnology and Pharmacy, Journal of Biomedical Science and Engineering, Journal of Soil Science and Environmental Management, African Journal of Microbiology Research and International Research Journal of Agricultural Science. Reviewed manuscripts for Applied Microbiology and Biotechnology, Indian Journal of Pharmaceutical Sciences, Indian Journal of Pharmaceutical Education, Global Journal of Botanical Science, Basic Research Journal of Medicine and Clinical Sciences, Global Research Journal of Microbiology, WebPub Journal of Agricultural Research, Academia Journal of Medicinal Plants, International Journal of Agricultural Sciences, World Journal of Agricultural Sciences, International Research Journal of Agricultural Science and Soil Science, International Journal of Medicinal Plant Research, Research in Pharmaceutical Biotechnology, African Journal of Microbiology Research, Journal of Soil Science and Environmental Management, International Research Journal of Plant Science, International Journal of Medicine and Medical Sciences, Journal of Medicine and Medical Sciences, Herald Journal of Microbiology and Biotechnology, Global Advanced Research Journal of Biochemistry and Bioinformatics, International Research Journal of Pharmacy and Pharmacology, Process Biochemistry, Journal of Toxicology and Environmental Health Sciences, Basic Research Journal of Microbiology

Workshops, Conferences and Seminars attended:

UGC Sponsored “National Seminar on Medical Biotechnology in New Millennium” organized by Chaitanya Degree & P.G. College, Hanamkonda, Warangal, India during 16th & 17th December 2000.

Participated in Quality Improvement Programme (Sponsored by AICTE, New Delhi) on “Phytopharmaceuticals & Herbal Medicines” held during 05.03.2001 to 18.03.2001 at University College of Pharmaceutical Sciences, Kakatiya University, Warangal.

Attended “Professional Training Programme” for Registered Pharmacists sponsored by Pharmacy Council of India – WHO from 26th May to 30th May 2001 conducted by University College of Pharmaceutical Sciences, Kakatiya University, Warangal, AP, India.

Participated in Quality Improvement Programme (Sponsored by AICTE, New Delhi) on “Medicinal Plant Biotechnology & Herbal Formulations” held during 01.07.2002 to 14.07.2002 at University College of Pharmaceutical Sciences, Kakatiya University, Warangal.

UGC Sponsored National Seminar on “Drug Discovery and Development – A Need Based Interaction between Academia & Industry” during 26th-27th March, 2004 at University College of Pharmaceutical Sciences, Kakatiya University, Warangal.

Participated in 56th Indian Pharmaceutical Congress held at Kolkata, India during 3rd - 5th December 2004.

Two Day National Seminar on “Emerging Trends in Synthetic Aspects of Medicinal Chemistry (Co-sponsored by UGC, New Delhi) during 28th & 29th October, 2005 at University College of Pharmaceutical Sciences, Kakatiya University, Warangal, AP, India.

Participated in 57th Indian Pharmaceutical Congress held at Hyderabad, India during 2nd - 4th December 2005.

National Workshop on Intellectual Property Rights (IPR-08) (Sponsored by Patent Office – Chennai) during 15th-16th Feb 2008 at Department of Chemistry, National Institute of Technology, Warangal

Quality Improvement Programme (Sponsored by AICTE, New Delhi) during 3rd – 14th March, 2008 (Two weeks) conducted at University College of Pharmaceutical Sciences, Kakatiya University, Warangal.

National Seminar on “Globalization: The New Challenges to the Indian Society” held during 6-7th Mar 2010 at University College, Satavahana University, Karimnagar.

National Seminar on “Recent Advances in Green Chemistry: Aligning Science, Education, Industry and Society” held during 15-16th Nov 2010 at University College, Satavahana University, Karimnagar.

Awareness Workshop on Research Projects under SSTP held on 15th Jun 2012 at University College Satavahana University, Karimnagar

Organising Member, National Conference on Innovations in Chemical and Pharmaceutical Sciences, 14th-15th Feb, 2018, Telangana University, Nizamabad

Resource Person, One week Faculty Development Programme (FDP) on Advances in Phytomedicine organized by Anurag Group of Institutions, Ghatkesar, Telangana on 29th April – 4th May 2019

Advisory Board and Inaugural Guest of Honour, 4th International Conference on Innovations in Pharma Industry, Education and Research IPIER 202 organised by Anurag Group of Institutions, Ghatkesar, Telangana on 27th-28th Feb, 2020

Social Activities:

Participated in the preparation of Micro-Plan undertaken during the Eleventh round of Janmabhoomi held in the state of Andhra Pradesh from 3rd to 11th January, 2000 in Pallarguda in Gram Panchayat of Sangem Mandal of Warangal District.

Publications:

1. S.D. Venkata, **K. Srisilam** and C. Veeresham (2002) Natural sweetening agents from plants. *Journal of Medicinal and Aromatic Plant Sciences*, 24(2): 468-477.
2. **Keshetty Srisilam** and Ciddi Veeresham (2003) Antimalarials of plant origin. Role of Biotechnology in Medicinal and Aromatic Plants, Vol. VII, Eds: Irfan Ali Khan and Atiya Khanum, Ukaaz Publications, Hyderabad, India, pp. 16-47.
3. **Keshetty Srisilam** and Ciddi Veeresham (2003) Antidiabetic drugs from plants. Role of Biotechnology in Medicinal and Aromatic Plants, Vol. VII, Eds: Irfan Ali Khan and Atiya Khanum, Ukaaz Publications, Hyderabad, India, pp. 48-79.
4. Kaveti Balaji, Ciddi Veeresham, **Keshetty Srisilam** and Chandrakanth Kokate (2003) Azadirachtin, a novel biopesticide from cell cultures of *Azadirachta indica*. *Journal of Plant Biotechnology*, 5(2): 121-129.
5. C. Veeresham, R. Mamatha, Ch. Prasad Babu, **K. Srisilam** and C.K. Kokate (2003) Production of taxol and its analogues from cell cultures of *Taxus wallichiana*. *Pharmaceutical Biology*, 41(6): 426-430. (IF 0.672)
6. **Srisilam K**, Sumalatha DV, Thilagam E and Veeresham Ciddi (2004) Immunomodulators from higher plants. *Indian Journal of Natural Products*, 20(1): 3-15.
7. **S Keshetty**, RK Venisetty, V Molmoori and V Ciddi (2006) Determination of valdecoxib in serum using a HPLC-diode array detector and its application in a pharmacokinetic study. *Pharmazie*, 61(3): 245-246. (IF 0.858)

8. Srinivas Maddi, **Srisailam Keshetty**, Chandra Mohan Ega, Madhusudan Rao Yamasani and Gerhard KE Scriba (2007) Development and validation of a stereoselective HPLC method for the determination of the *in vitro* transport of nateglinide enantiomers in rat intestine. *Journal of Separation Science*, 30(12): 1875-1880. (IF 2.746)
9. Padmaja V, **Srisailam K** and Reddy VM (2007) *Holoptelia integrifolia* Planch., A promising roadside medicinal plant. In: *Indian Folk Medicine*, Ed. Trivedi PC, Pointer Publications, Jaipur, pp.243-253.
10. Venkateswarlu K, Venisetty RK, Yellu NR, **Keshetty S** and Pai MG (2007) Development of HPTLC - UV absorption densitometry method for the analysis of alprazolam and sertraline in combination and its application in the evaluation of marketed preparations. *Journal of Chromatographic Science*, 45(8): 537-539. (IF 1.135)
11. Molmoori V, **K Srisailam** and Ciddi V (2008) Biotransformation of valdecoxib by plant cell cultures. *Applied Biochemistry and Biotechnology*, 144(3): 201-212. (IF 1.04)
12. Prasad GS, Girisham S, Reddy SM, **Srisailam K** (2008) Biotransformation of albendazole by fungi. *World Journal of Microbiology and Biotechnology*, 24(8): 1565-1571. (IF 0.945)
13. Prasad GS, Girisham S, Reddy SM, **Srisailam K** (2008) Biotransformation of albendazole by *Cunninghamella blakesleeana*: Effect of carbon and nitrogen source. *World Journal of Microbiology and Biotechnology*, 24(10): 2055-2059. (IF 0.945)
14. Venkateswarlu K, Reddy YN, **Srisailam K**, Rajkumar V, Pai MG (2008) Determination of tramadol in capsules by high performance thin layer chromatography-densitometry. *Current Trends in Biotechnology and Pharmacy*, 2(3): 421-425.
15. Reddy KS, **Srisailam K**, Reddy VM (2008) Pharmacognostic, preliminary phytochemical and pharmacological investigations on leaves of *Aerva lanata*. *Journal of Chemical and Pharmaceutical Sciences*, 1(1): 12-21.
16. Nasreen Begum, **Srisailam K**, Reddy VM (2009) A review on *Ervatamia heyneana*, a promising medicinal plant. In: PC Trivedi (Ed) *Indian Medicinal Plants*, Pointer Publishers, Jaipur.
17. Srinivas Reddy K, **Srisailam K**, VM Reddy (2009) A study on preliminary phytochemical and diuretic activity of leaves of *Aerva javanica*. *International Journal of Pharmacological and Biological Sciences*, 3(1): 51-54
18. Padmaja V, **Srisailam K**, Reddy VM (2009) Pharmacognostic and Preliminary Phytochemical Investigations on *Holoptelea integrifolia*, *Pharmacognosy Journal*, 1(2): 71-74.
19. Reddy KS, **Srisailam K**, Reddy VM (2009) Analgesic and anti-inflammatory activity of various extracts of leaves of *Aerva javanica*. *Advances in Pharmacology and Toxicology*, 10(2): 11-17.

20. **K. Srisailam**, V. Raj Kumar, C. Veeresham (2010) Predicting drug interaction of clopidogrel on microbial metabolism of diclofenac. *Applied Biochemistry and Biotechnology*, 160(5): 1508-1516. (IF 1.04)
21. **Srisailam K**, Veeresham C (2010). Biotransformation of celecoxib by microbial cultures. *Applied Biochemistry and Biotechnology*, 160(7): 2075-2089 (IF 1.04)
22. **Srisailam K**, Veeresham C (2010) Biotransformation of valdecoxib by microbial cultures. *Journal of Microbiology and Biotechnology*, 20(4):809-816. (IF 2.07)
23. Radhika B, Nasreen Begum, **Srisailam K** (2010) Pharmacognostic and preliminary phytochemical evaluation of the leaves of *Bixa orellana*, *Pharmacognosy Journal*, 2(7): 132-136.
24. S Keshetti (2010) Editorial. *Pharmacognosy Journal*, 2(9): 247
25. Radhika B, Nasreen Begum, **Srisailam K**, Reddy VM (2010) Diuretic activity of *Bixa orellana* leaf extracts, *Indian Journal of Natural Products and Resources*, 1(3): 353-355.
26. Vijitha C, **Srisailam K**, Sathis Kumar D, Narender Prasad D, Shiny G (2010) Pharmacognostic, phytochemical, antimicrobial and wound healing activity evaluation of *Cassia occidentalis* Linn. *Inventi Rapid: Ethnopharmacology*, 1(2): 1-7.
27. Vijayabhaskar K, Venkateshwarlu G, Bhaskar J, **Srisailam K**, Swapna M (2011) Antioxidant and hepatoprotective effects of the methanol extract of the flowers of *Tamarindus indica*. *Asian Journal of Pharmacy and Technology*, 1(3): 73-78.
28. Venisetty RK, **Keshetty S**, Ciddi V (2011) Biotransformation of silibinin (silybin) using fungal organisms. *Indian Journal of Pharmaceutical Education and Research*, 45(4): 384-391
29. Vijayabhaskar Kanakam, Sathis Kumar Dinakaran, Sravanprasad Macharala, **Srisailam Keshetti**, Harani Avasarala, Venkateshwarlu Goli (2012) Antidiabetic activity of *Rephanus sativus* L, leaves extracts on alloxan induced diabetic rats. *Inventi Rapid: Ethnopharmacology*, Vol. 2012, Article ID-"Inventi:pep/698/12", 2012 [cited 2012 Sep 08] Available From <http://www.inventi.in/Article/pep/698/12.aspx>
30. Kanakam Vijayabhaskar, Kalakota Chaitanyaprasad, **K Srisailam**, Naikal M Arunadevi, S Swathi, Prameela Subhashini (2013) Analgesic and anti-inflammatory activities of the extract of *Cassia occidentalis* Linn Animal model. *International Journal of Research in Pharmacy and Chemistry*, 3(4): 759-762
31. Srisailam Keshetti (2013) *Pharmacognosy Journal* is now published by Elsevier: Moving ahead. Editorial. *Pharmacognosy Journal*, 5(1): 1
32. RK Venisetty, **S Keshetty**, V Ciddi (2014) Optimization of surfactant and polymer concentration to alter the morphology of matt forming fungal cultures. *International Journal of Pharmaceutical Research and Bio-Science*, 3(1): 47-53
33. Venisetty RK, **Keshetty S**, Ciddi Veeresham (2014) Biotransformation of vincamine using microbial cultures. *IOSR Journal of Pharmacy and Biological Sciences*, 9(3): 71-78

34. **K Srisailam**, V Raj Kumar, C Veeresham (2014) Predicting drug interaction of diltiazem on microbial metabolism of midazolam. IOSR Journal of Pharmacy and Biological Sciences, 9(3): 79-85
35. Kanakam Vijayabhaskar, **K Srisailam**, NL Gowrishankar (2015) Development and evaluation of hepatoprotective herbal formulation (Plant Extract). European Journal of Biomedical and Pharmaceutical Sciences. 2(3): 1203-1227.
36. G Shyam Prasad, **K Srisailam**, RB Sashidhar (2016). Metabolic inhibition of meloxicam by specific CYP2C9 inhibitors in *Cunninghamella blakesleeana* NCIM 687: in silico and in vitro studies. SpringerPlus. 5: 166 (9 pages online).
37. Kalpana Madikattu, KVS Naidu, **K Srisailam** (2016). Microemulsion based transdermal gels of isradipine to enhance bioavailability: In vitro and in vivo evaluation. Asian Journal of Pharmaceutics. 9(5): S23-S30.
38. Baba Shankar Rao Garige, **Srisailam Keshetti**, Uma Maheshwara Rao Vattikuti (2016). In vivo evaluation of noxious stimulus induced pain and inflammation in mice and rats using methanolic extract of *Galphimia glauca* leaf. Asian Journal of Chemistry. 28(8): 1815-1819.
39. Baba Shankar Rao Garige, **Srisailam Keshetti**, Uma Maheshwara Rao Vattikuti (2016). Standardization and elemental analysis of *Galphimia glauca* leaf and stem parts employing SEM-EDAX. International Journal of Pharmacy and Biological Sciences. 6(1): 54-61.
40. Baba Shankar Rao Garige, **Srisailam Keshetti**, Uma Maheshwara Rao Vattikuti (2016) Assessment of antinociceptive and anti-inflammatory activities of *Galphimia glauca* stem methanol extract on noxious provocation induced pain and inflammation in in-vivo models. Journal of Chemical and Pharmaceutical Research. 8(4): 1282-1289.
41. Nasreen Begum, **Srisailam K**, Uma Maheshwar Rao V (2016) Investigation of in vitro anti-inflammatory and COX-2 inhibitory activities of *Rosmarinus officinalis*. Journal of Chemical and Pharmaceutical Research. 8(4): 327-331.
42. Kalpana Madikattu, Venkatasimhadri Naidu Kalamata, **K Srisailam** (2016) Microemulsion based transdermal gels of glimepiride to enhance bioavailability: In vitro evaluation. Indo American Journal of Pharmaceutical Sciences. 3(5): 410-414
43. Baba Shankar Rao Garige, **Keshetti Srisailam**, Uma Maheshwara Rao Vattikuti (2016) In vivo study of central nervous system depressant effects and muscle relaxant activity of methanolic extract of *Galphimia gracilis* leaf on Swiss Albino mice. Asian Journal of Chemistry. 28(10): 2315-2321
44. Nasreen Begum, **Srisailam Keshetti**, Uma Maheshwara Rao Vattikuti (2016) Evaluation of in vitro anti-inflammatory and COX-2 inhibitory activity of leaves of *Origanum vulgare*. The Pharma Innovation Journal 5(8): 18-21
45. Nasreen Begum, **Srisailam K**, Uma Maheshwara Rao V (2016) Investigation of in vitro anti-inflammatory and COX-2 inhibitory activity of root extracts of *Berberis aristata*. International Journal of Pharmacy and Biological Sciences 6(2): 84-88

46. Baba Shankar Rao Garige, **Srisailam Keshetti**, Uma Maheshwara Rao Vattikuti (2016) CNS depressant effects and muscle relaxant activity of *Galphimia glauca* leaf methanolic extract. *International Journal of PharmTech Research*. 9(6): 230-240.
47. Nasreen Begum, **Srisailam K**, Uma Maheshwararao V (2016). Development and Evaluation of Polyherbal Tablet Formulation with Potent Anti-inflammatory and COX-2 inhibitory activity. *Journal of Chemical and Pharmaceutical Research*. 8(7): 249-255
48. Baba Shankar Rao Garige, **Srisailam Keshetti**, Uma Maheshwara Rao Vattikuti (2016) In vivo study on depressant effects and muscle coordination activity of *Galphimia glauca* methanol extract. *Pharmacognosy Research*. 8(4): 219-225.
49. Kalpana Madikattu, Venkata Simhadri Naidu Kalamata, **K Srisailam** (2016) Enhanced bioavailability of glimepiride through microemulsion based transdermal gels. *International Journal of Pharmaceutical Science and Research* 7(12): 5052-5055
50. Nasreen Begum, Radhika B, **Srisailam K** (2017) Hepatoprotective activity of *Ervatamia heyneana* leaves extracts on carbon tetrachloride induced hepatotoxicity in rats. *Indian Journal of Novel Drug Delivery* 9(1): 32-37
51. Radhika B, Nasreen Begum, **Srisailam K** (2017) In vitro and in vivo anti-inflammatory and analgesic activity of *Bixa orellana* Linn leaf extracts. *International Journal of Pharmaceutics & Pharmacology* 1(2): 108
52. Radhika B, Nasreen Begum, **Srisailam K** (2017) Hepatoprotective activity of *Bixa orellana* Linn leaf extracts. *International Journal of Pharmaceutics & Pharmacology* 1(2): 109
53. **K Srisailam**, Kanakam Vijayabhaskar, NL Gowrishankar (2017) Development and evaluation of hepatoprotective herbal formulation (Extract Fractions) *World Journal of Pharmacy and Pharmaceutical Sciences* 6(1): 1202-23
54. **K Srisailam**, Kanakam Vijayabhaskar, NL Gowrishankar (2017) Antioxidant activity by DPPH radical scavenging method of methanolic extract of N-butanol fraction of *Tribulus terrestris* Linn. (Family Zygophyllaceae). *International Journal of Pharmacognosy* 4(4): 127-130
55. Kanakam Vijayabhaskar, **K Srisailam**, NL Gowrishankar (2017) Evaluations of antioxidant activity by DPPH radical scavenging method of methanolic extract of n-butanol fraction of *Tribulus terrestris* L (Family Zygophyllaceae). *International Journal of Innovative and Applied Research*, 5(8): 71-74
56. **K Srisailam**, Kanakam Vijayabhaskar, NL Gowrishankar (2017) Development and evaluation of hepatoprotective poly herbal formulation against various methods of drugs induced liver toxicity. *International Journal of Innovative and Applied Research*, 5(9): 66-74
57. **K Srisailam**, Kanakam Vijayabhaskar, NL Gowrishankar (2017) Hepatoprotective and antioxidant activity on N-butanol fraction of plants methanolic extract of *Nigella sativa* and *Eclipta alba* Linn. *World Journal of Pharmacy and Pharmaceutical Sciences*. 6(2): 1264-80

58. Nasreen Begum, **Srisailam Keshetty**, Uma Maheswara Rao Vattikuti (2017) In vitro investigation of anti-inflammatory and COX-2 inhibitory potential of flower extracts of *Matricaria recutita*. *International Journal of Green Pharmacy*, 11(2): 80-83
59. G Shyam Prasad, **K Srisailam** (2018) Metabolites generation via oxidation, hydroxylation, acylation, dechlorination, dealkylation & glucuronidation of losartan by thermophilus fungus *Rhizomucor pusillus* NRRL 28626. *International Research Journal of Natural and Applied Sciences* 5(2): 98-115
60. G Shyam Prasad, G Shravan Kumar, **K Srisailam** (2018) Novel metabolites of losartan as human peroxisome proliferator activated receptor gamma (PPAR γ) and human angiotensin receptor (AT1R) binders: An in silico study. *International Journal of Pharmacy and Biological Sciences* 8(2): 330-337
61. Baba Shankar Rao Garige, **Keshetti Srisailam**, Vattikuti Uma Maheshwara Rao (2018) Innovative research on isolation, characterization, and identification of bioactivity in the isolated constituent from methanol extract of *Galphimia glauca* cav. stems. *Pharmacognosy Research* 10(3): 265-274
62. K Sunitha, M Nagulu, **K Srisailam** (2018) Evaluation of methanolic extract of *Physalis minima* fruits for immunomodulatory activity. *International Journal of Pharmacy and Biological Sciences* 8(4): 394-401
63. Garige Baba Shankar Rao, **Srisailam K**, V Uma Maheshwara Rao, Vasudha B (2019) Evaluation of *Galphimia glauca* stem methanol extract fractions for analgesic and anti-inflammatory activities. *Asian Journal of Pharmaceutical and Clinical Research* 12(4): 266-272
64. Garige Baba Shankar Rao, **K Srisailam**, V Uma Maheshwara Rao, Ram Mohan Manda, B Vasudha (2020) Central nervous system depressant effects and muscle relaxant effect of *Galphimia gracilis* Bartl. stem methanol extract on Swiss Albino mice. *International Journal of Pharmaceutical Research* 12 (Suppl 2): 2917-2926
65. Raju Darla, Srisailam Keshetti (2021) Development and screening of topical herbal cream formulations for wound healing activity. *International Journal of Pharmacy and Analytical Research* 10(2): 219-225
66. Raju Darla, Srisailam Keshetti (2021) Formulation and Evaluation of Polyherbal ointment for wound healing activity. *International Journal of Pharmacy and Industrial Research* 11(2): 132-138
67. Archana GL, K Srisailam, M Nagulu (2021) Physicochemical analysis, quantitative estimation, formulation development and evaluation of emulgel containing ginger extract using simple latex design approach. *Journal of Population Therapeutics and Clinical Pharmacology* 28(2): 198-222
68. Srisailam Keshetti, Gurram Shyam Prasad (2025) Fungal mediated production of novel metabolites of meloxicam and their tankyrase-2 inhibition potentials: an in silico study. *International Microbiology* 44:
69. Archana GL, K Srisailam, M Nagulu (2026) Formulation Optimisation and Evaluation of a Turmeric Extract-Incorporated Emulgel Using a Simplex Lattice Approach. *International Journal of Pharmaceutics and Drug Analysis* 14(1): 1-8

Presentations:

1. Venisetty RK, **Keshetty S**, Ciddi V. Optimization of surfactants and polymers to alter the morphology of maitin forming fungal cultures, an improved way in fungal drug metabolism studies. Poster (No. PB-P005) presented in 64th International Pharmaceutical Federation Congress on 9th Sep 2004 held at New Orleans, USA.
2. Raj Kumar V, **Srisilam K**, Veeresham C. Isocratic HPLC methods for the determination of silibin and its diastereomers. Oral paper (No. G25) presented in 56th Indian Pharmaceutical Congress on 4th Dec 2004 held at Kolkata.
3. DV Sumalatha, **K. Srisilam**, C. Veeresham. Camptothecin and its analogues from callus cultures of *Ervatamia heyneana*. Poster (No. HP8) presented in 56th Indian Pharmaceutical Congress on 5th Dec 2004 held at Kolkata.
4. Prasad Babu Ch, Mamatha R, Veeresham C, Kokate CK, **Srisilam K**. Biotransformation and production of the anticancer drug taxol by plant cell cultures. Poster (No. W4100) presented in 2006 AAPS Annual Meeting and Exposition on 1st Nov 2006 held in USA.
5. K. Vijaya Bhaskar, **K. Srisailam**. Hepatoprotective activity of poly-herbal formulation on carbon tetrachloride - induced hepatotoxicity in rats. Poster presented at 61st Indian Pharmaceutical Congress on 23rd Dec 2009 held at Ahmedabad.
6. Archana GL, Bhagya Laxmi B, **Srisailam K**. Impact of globalization on Indian Pharmaceutical Industry. Oral presentation at National Seminar on Globalization: The New Challenges to the Indian Society on 6-7th Mar 2010 held at Satavahana University, Karimnagar.
7. Archana GL, Bhagya Laxmi B, **Srisailam K**. Green Chemistry in Pharmacy. Poster Presented at Recent Advances in Green Chemistry: Aligning Science, Education, Industry and Society on 15-16th Nov 2010 held at Satavahana University, Karimnagar.
8. Nasreen B, Radhika B, **Srisailam K**. Green Pharmacy for Clean Environment: Immunomodulatory Activity of *Tabernaemontana heyneana* Leaves. Poster Presented at Recent Advances in Green Chemistry: Aligning Science, Education, Industry and Society on 15-16th Nov 2010 held at Satavahana University, Karimnagar.
9. Padmaja V, V. Malla Reddy, **K. Srisailam**, A.S. Naik, M.C. Eswaraiah, Study of acute toxicity and behavioural changes in mice using various extracts of leaf and bark of *Holoptelea integrifolia* Planch. Poster presented at International Conference and Exhibition on Pharmacognosy, Phytochemistry & Natural Products on 21st-23rd Oct 2013 held at Hyderabad.
10. Nasreen Begum, **Srisailam K**, Uma Maheshwara Rao V, *In vitro* Evaluation of Herbs Possessing COX-2 Inhibitory activity. (Presented in International Conference on "Trend Setting Innovations in Chemical Sciences & Technology –Applications in Pharma Industry (TSCST-2015), JNTUH).
11. Nasreen Begum, **Srisailam K**, Uma Maheshwara Rao V, Investigation of *In Vitro* Ant-inflammatory and COX-2 Inhibitory Activity of *Matricaria Recutita*. (Presented

inNational Conference on "Recent Advancements in Nanoscale Particles and Colloids in Pharmaceutical Sciences")

12. Nasreen Begum,**Srisailam K**, Uma MaheshwaraRao V, Investigation of *In Vitro* Ant-inflammatory and COX-2 Inhibitory Potential of *Ocimum Sanctum* Leaf Extracts, (Presented in Two day national conference on "trend setting innovations in pharmaceutical sciences", JNTUH)
13. Baba Shankar Rao Garige,**Srisailam Keshetti**, Uma Maheswara Rao Vattikuti. "Depressant effects of Methanolic extract from the aerial parts of *Galphimia glauca* on the Central Nervous System using *in vivo* models". Presented at International Conference, New Dimension in Chemistry and Chemical Technologies-Applications in Pharma Industry (NDCT-2014), Sponsored by TEQIP-II, Centre for Chemical Sciences & Technology (CCST), IST, JNTU, Hyderabad, India during 23rd-25th June, 2014
14. Baba Shankar Rao Garige,**Srisailam Keshetti**, Uma Maheswara Rao Vattikuti. "Anti-nociceptive effects and anti-inflammatory properties of *Galphimia glauca* aerial parts using *in vivo* models." Presented at International Conference, "Embracing the Innovations and Up gradation of Technologies in Pharmaceutical Sciences" Organized by School of Pharmacy, Anurag Group of Institutions, Hyderabad, during 27th- 29th March, 2014
15. Baba Shankar Rao Garige,**Srisailam Keshetti**, Uma Maheswara Rao Vattikuti. "Pharmacognostic, Phytochemical and Acute toxicity studies of *Galphimia glauca*." Presented at International Conference, "Readdressing Research in Pharmaceutical Sciences: A Global Perspective" Organized by School of Pharmacy, Anurag Group of Institutions, Hyderabad, in association with APTI & RSCI during 1st -3rd March, 2013
16. Baba Shankar Rao Garige,**Srisailam Keshetti**, Uma Maheswara Rao Vattikuti. "Depressant and muscle relaxant activities of *Galphimia glauca* leaf methanol extract". Presented at National Conference, "Recent Advancements in Nano scale particles and Colloids in Pharmaceutical Sciences" (RANPS-2016) Sponsored by (SARC) Scientific & Applied Research Center, Hyderabad & DST, Organized by School of Pharmacy, Anurag Group of Institutions, Hyderabad, during 26th -27th February, 2016
17. Baba Shankar Rao Garige, **Srisailam Keshetti**, Uma Maheswara Rao Vattikuti. "Pharmaognostical studies and Microchemical (Elemental Analysis) of Galphimia species". Presented at National Conference on Transpiring Novality and Hi-tech Knowledge in Advanced Research in Pharmaceutical Sciences (TKRPS-2015), Sponsored by DST, Ministry of Science and Technology, Govt. Of India, India, during December 29th & 30th, 2015
18. Baba Shankar Rao Garige, **Srisailam Keshetti**, Uma Maheswara Rao Vattikuti. "Pharmacognostic and Phytochemical studies of *Galphimia glauca*" Presented at National Conference, "Reforms and Innovations in Pharmacy Education towards Global Standards" (RIPE-2015), Organized by Centre for Pharmaceutical Sciences, IST, JNT UNIVERSITY, HYDERABAD during 13th-14th March, 2015

19. Archana GL, K Srisailam, M Nagulu. Formulation and evaluation of Tridax emulgel for anti-inflammatory activity. Presented at International conference "Pharmaceutical and Healthcare Challenges in Global Transformation (Aushadh 2022)", Organized by Vishnu Institute of Pharmaceutical Education and Research on 11th April, 2022

Courses, Programmes and Facilities established:

- ◆ Established M.Sc. (Food Science & Technology) Programme at University College, Satavahana University, Karimnagar. Instrumental in receiving Rs. 75.00 Lakhs as grant from Ministry of Food Processing Industries, Government of India, New Delhi
- ◆ Established B. Pharm. Programme at University College, Satavahana University, Karimnagar.
- ◆ Established Modern Labs for M.Sc. (Chemistry), Satavahana University, Karimnagar
- ◆ Established Department of Pharmacy Practice at Vaagdevi College of Pharmacy, Hanamkonda, Warangal.
- ◆ Established M. Pharm. (Pharmacy Practice), Pharm. D. and Pharm. D. Post Baccalaureate programmes at Vaagdevi College of Pharmacy, Hanamkonda, Warangal.
- ◆ Established Microbial Drug Metabolism Research Laboratory at University College of Pharmaceutical Sciences, Kakatiya University, Warangal.

Administrative and Extracurricular activities:

- ◆ Inspector, Pharmacy Council of India (PCI), New Delhi
- ◆ Principal, University College of Pharmaceutical Sciences, Satavahana University, Karimnagar, Jul 2013 to Dec 2018; Jan 2023 to till date
- ◆ Member, Board of Studies in Pharmacy, Satavahana University, Karimnagar from October, 2009.
- ◆ Head, Department of Pharmacy, University College, Satavahana University, Karimnagar.
- ◆ Member, Organizing Committee, One Day Seminar on New Frontiers in Sustainable Chemistry (NFSC-2015) at University College of Science, Satavahana University, Karimnagar on 22nd January 2015
- ◆ Member, Advisory Committee, One Day Workshop on Trends in Free and Open Source Software organized by University College of Science, Satavahana University, Karimnagar on 18th December 2014
- ◆ Member, Organizing Committee, National Seminar on Watershed Management and People's Participation in India at University College, Satavahana University, Karimnagar during April 16-17, 2011.
- ◆ Member, Technical Committee, 2nd International Conference on Biotechnology and Food Science, ICBFS 2001 held at Bali Island, Indonesia, during April 1-3, 2011.
- ◆ Member, Local Organizing Committee, National Seminar on Recent Advances in Green Chemistry: Aligning Science, Education, Industry and Society (RAIGC-2010) held at University College, Satavahana University, Karimnagar during November 15-16, 2010.

- ◆ Worked as Examinations In-charge, Library Advisor, Seminars In-charge, In-charge for Internet and Networking in Vaagdevi College of Pharmacy, Hanamkonda.
- ◆ Governing Body Member of Prathista Institute of Pharmaceutical Sciences, Suryapet, Nalgonda Dist., AP.
- ◆ Worked as Core Team Member, Scientific Services Committee of 57th Indian Pharmaceutical Congress held at Hyderabad in Dec 2005.
- ◆ Worked in Pharma Alumni Association, UCPSc in various capacities from Executive Member to General Secretary. Associated for more than 10 years. Lead the establishment of Office of the Pharma Alumni Association at UCPSc, Kakatiya University
- ◆ Worked in Indian Pharmaceutical Association, Warangal Branch in various capacities from Executive Member to Joint Secretary. Conducting National Pharmacy Week celebrations and other activities for many years. Presently holding the position of Joint Secretary of the Association
- ◆ Actively involved in the Organizing Committees for the conduct of many scientific sessions and seminars at UCPSc, Vaagdevi College of Pharmacy and University College, Satavahana University.
- ◆ Instrumental in implementation of Information Technology applications at UCPSc, Kakatiya University. Architect of the design, development and implementation of networking, Internet connectivity and their coordination. Well acquainted with Operating Systems (Windows, All versions), WWW and LAN. Good typing speed of 60 wpm (Higher Grade given by State Board of Technical Education and Training, Hyderabad)
- ◆ Conducted Pharma Exhibitions in 2000 and 2001 at UCPSc, Kakatiya University, Warangal aimed to increase the awareness about the Pharmacy Profession in the common public.
- ◆ Worked twice as Treasurer of Kakatiya University Pharmacy Research Scholars Association
- ◆ Conducted RECIPE, an intercollegiate mega cultural meet, thrice at UCPSc, Kakatiya University, Warangal, AP.

Membership of Professional Bodies:

- ◆ Life Member, Indian Pharmaceutical Association (Membership No. TS/WAR/LM/0040)
- ◆ Life Member, Indian Society of Pharmacognosy (Membership No. ISP/LM-AP/K-006)
- ◆ Life Member, Indian Pharmacological Society (Membership No. LK 242)
- ◆ Member, International Society for Ethnopharmacology
- ◆ Life Member, Association of Pharmaceutical Teachers of India (Membership No. TL/LM-216)
- ◆ Life Member, Indian Society for Technical Education (Membership No. LM-70515)
- ◆ Registered Pharmacist, Telangana State Pharmacy Council, Hyderabad (Reg. No. TS005710, dated 17.08.2019).

Prizes, Awards and Honours:

- ◆ Second Prize, Pharma Wits and Leisure-3, Pharma Times 43, 2011
- ◆ Third Prize, Pharma Wits and Leisure-9, Pharma Times 44(1), 2012
- ◆ Second Prize, Pharma Wits and Leisure-26, Pharma Times 46(12), 2014
- ◆ First Prize, Pharma Wits and Leisure-27, Pharma Times 47(2), 2015

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