

## **Dr. SUJATHA SAMALA**



Dr. Sujatha Samala, presently working as an Assistant Professor (C) in University College of Pharmaceutical Sciences, Palamuru University, Mahabubnagar, Telangana State, India. She did her B.Pharmacy, M.Pharmacy and Ph.D from University College of Pharmaceutical Sciences, Kakatiya University, Warangal, Telangana State, India. She secured 96% (611 rank) in All India level GATE examination. She maintained distinction throughout her graduation and received UGC-BSR fellowship during her Ph.D. She has more than 15 years of teaching and research experience.

Dr. Sujatha Samala has attended several conferences and workshops at the national and international level. She also acted as one of the organizing committee member for several conferences. She has more than 15 research publications in several international and national reputed journals and contributed as one of the author for 5 book chapters. She has guided more than 6 M.pharm students. She has life membership in Association of Pharmaceutical Teachers of India (APTI) and Society of Pharmaceutical Education and Research (SPER). She associated with the research work on Herb – drug interactions, Pharmacokinetic and Pharmacodynamic (PK/PD) modeling, HPLC method development and validation of several drugs, Aldose-reductase inhibitors from plants, Isolation of Phytochemicals from plants, Tissue culture methods, Microbial biotransformations and in different pharmacological screening activities from the past several years. She has experience in handling of several instruments and knowledge in pharma softwares.

## **CURRICULAM VITAE**

**SUJATHA SAMALA**

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Station road,  
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### **Career Objective:**

I seek a position to utilize my skills and abilities that offers professional growth while being resourceful, innovative and flexible. I want to contribute actively to the growth of the organization and become an asset for the Institute. My main motive would be to add value to the organization in particular and to myself in general.

### **Academic Profile:**

<b>Course</b>	<b>Period</b>	<b>Institution</b>	<b>Percentage</b>
Ph.D	2011-2016	University college of pharmaceutical sciences, Kakatiya University, Warangal.	<b>Awarded</b>
Masters in Pharmacy [Pharmacognosy and Phytochemistry]	2007-2009	University college of pharmaceutical sciences, Kakatiya University, Warangal.	<b>77% First division with distinction.</b>
Bachelor of Pharmacy	2002-2006	University college of pharmaceutical sciences, Kakatiya University, Warangal.	<b>75.78% First division with distinction.</b>
Intermediate[MPC]	2000-2002	Nalanda Mahila kalashala, Vijayawada.	<b>92.6%</b>
S.S.C	1999-2000	Sri Vivekananda Avasa Vidyalayam, Kesamudram.	<b>85.5%</b>

### **Career Achievements:**

- 1.** Maintained distinction (75%) throughout my graduation.
- 2.** Secured 96 percentile (all India 611 rank) in the GATE 2006 exam, a national level competitive entrance examination conducted by Govt. of India.
- 3.** Secured 370 rank in National Institute of Pharmaceutical Education and Research (NIPER) Entrance Exam in 2007.
- 4.** Received UGC fellowship during M.Pharmacy.

## **Publications:**

- Harish Chandra Rodda, Raj Kumar Molmooori, **Sujatha Samala**, Nagaraj Banala, Veeresham Ciddi\* Review Article entitled "An Insight into Herb – Drug Interactions" *International Journal of Pharmaceutical Sciences and Nanotechnology*, 2010, 2(4):689-706.
- Swaroopa rani. V\*, **Sujatha. S**, Krishna mohan. G and Ravi kumar. B. Antidiabetic Effect of *Antigonon leptopus* Hook & Arn Leaf on Streptozotocin - induced Diabetic Rats, *Pharmacologyonline*, 2010, 2: 922-931.
- **Sujatha Samala**., Sandhya Rani Tatipamula., and Ciddi Veeresham\* Determination of Glimepiride in Rat Serum by RP-HPLC Method. *American Journal of Analytical Chemistry*, 2011, 2: 152-157.
- **Sujatha. S**, Swaroopa Rani. V and B. Ravikumar Antidiabetic Effect of Flower Extract of *Antigonon leptopus* Hook & Arn in Alloxan-induced Diabetic Rats. *Indian Journal of Pharmaceutical Education and Research*, 2012, 46: 9-16.
- T. Sandyarani, **Samala Sujatha** and Ciddi Veeresham Pharmacokinetic and Pharmacodynamic Interaction of Curcumin with Glimepiride in Normal and Diabetic Rats. *Pharmacognosy Communications*, 2012, 2 (3): 14-21.
- Ciddi Veeresham, **Samala Sujatha** and T. Sandyarani Effect of Piperine on the Pharmacokinetics and Pharmacodynamics of Glimepiride in Normal and STZ induced Diabetic rats. *Natural Product Communications*, 2012, 7(10): 1283-1286.
- **Sujatha Samala** and Ciddi Veeresham. Jatropha: Pharmacognosy, Phytochemistry and Pharmacology: A Review, Chapter 22, 2013, Springer Science + Business Media New York. (Book Chapter)
- **Sujatha Samala** and Ciddi Veeresham. Enhanced Bioavailability of Glimepiride in the Presence of Boswellic Acids in Streptozotocin-Induced Diabetic Rat Model. *Natural Products Chemistry and Research*, 2013, 1(4): 1-6.
- **Sujatha Samala** and Ciddi Veeresham. Altered Pharmacokinetics and Pharmacodynamics of Glimepiride by the concomitant use of Quercetin in diabetic rats: PK/PD modeling. *Journal of Pharmacy Research*, 2015, 9(8): 525-530.
- **Sujatha Samala** and Ciddi Veeresham. Andrographolide Pretreatment Enhances the Bioavailability and Hypoglycemic Action of Glimepiride and Metformin. *International Journal of Phytomedicine* 2015: 7: 254-264.

- **Sujatha Samala** and Ciddi Veeresham. Pharmacokinetic and Pharmacodynamic Interaction of Boswellic Acids and Andrographolide with Glyburide in Diabetic Rats: Including Its PK/PD Modeling. *Phytotherapy Research*. 2016:30(3): 496-502.

**Research Experience:**

- Undergone Industrial training for 45 days in B.L. PHARMA Ltd. in Hyderabad (May 1<sup>st</sup> – June 15<sup>th</sup>, 2006).
- One year research experience during M.Pharm project (Topic: Hypoglycemic and Antidiabetic Studies on *Antigonon leptopus* Hook & Arn )
- Associated with the research work on Herb – drug interactions, Aldose-reductase inhibitors from plants, Isolation of Phytochemicals from plants, Tissue culture, Microbial biotransformations and in different pharmacological screening works from the past 6 Years.

**Technical Skills:**

- 1 Experienced in isolation of novel compounds from natural sources using various techniques of column chromatography , TLC and HPLC
- 2 Handling of instruments like HPTLC, HPLC, Autoanalyser, Colorimeter, UV-Visible double beam spectrophotometer, ELISA and Plethysmometer.
- 3 Handling of animals like Rats, Mice, Rabbits, Guinea pigs and Frogs.

**Computer Skills:**

MS-OFFICE [Excel, Word and Power point], Browsing Internet and C-Language.

**Software's:**

GraphPad Prism, Kinetica Software and Chem draw

**Teaching Experience:**

- Worked as a contractual lecturer in University College of Pharmaceutical Sciences, Kakatiya University, Warangal from September 2009 to March 2012.
- Presently working as an academic consultant in College of Pharmacy, Palamuru University, Mahabubnagar from August 2013 to till date.

**Conferences Attended:**

- International Conference on Recent Advances in Drug Discovery, 22<sup>nd</sup> -24<sup>th</sup> Oct, 2010, University College of Pharmaceutical sciences, Kakatiya University, Warangal (Acted as one of the organizing committee member).
- Participated in APTICON – 2010, Hyderabad.

- Presented Poster in IPC-2011, Bangalore.
- Participated in the "Staff Development Programme" in "*Advances in Pharmacology and Pharmacognosy of Medicinal Plants*" organized under the sponsorship of All India Council for Technical Education (AICTE) from 30-01-2012 to 10-02-2012.
- International Conference on Recent Advances in Pharmaceutical Sciences, 22<sup>nd</sup> -24<sup>th</sup> November, 2012, University College of Pharmaceutical sciences, Kakatiya University, Warangal (Acted as one of the organizing committee member).
- Presented a poster in OMICS Group Conferences, International Conference and Exhibition on Pharmacognosy, Phytochemistry and Natural products - 2103, October 21<sup>st</sup> – 23<sup>rd</sup>, Hyderabad, India.
- Presented Poster in IPC-2013, 20<sup>th</sup> – 22<sup>nd</sup> December, Delhi.
- Participated in the "Faculty Development Programme" on "*Teaching and Research Methods, Pedagogical Orientation and Soft Skills*" held at University College, Palamuru University from 23<sup>rd</sup> to 30<sup>th</sup> June 2015.
- Presented Poster in "National Symposium on Conservation of Nature and Natural Resources" at Wanaparthy, Mahabubnagar District, Telangana from 21-22 January, 2015.
- Presented Poster in National Conference on New Frontiers in Medicinal Plants Research organized by the Department of Botany, Osmania University, Hyderabad from 26-27 February, 2015.
- National Conference on Drug Innovations and Discoveries: Inquisitive Technologies (DIDIT-2K15), April 10<sup>th</sup> 2015. Organized by College of Pharmacy, Palamuru University, Mahabubnagar, Telangana. (Acted as one of the organizing committee member).

**Personal Profile:**

<b>Name</b>	: Sujatha Samala
<b>Father's Name</b>	: S.Narsaiah
<b>Date of Birth</b>	: 07-10-1984
<b>Gender</b>	: Female
<b>Marital Status</b>	: Married
<b>Nationality</b>	: Indian
<b>Linguistic Capabilities</b>	: English, Hindi, and Telugu.

**Declaration:**

I hereby, declare that all the information furnished by me is true to the best of my knowledge and belief.

**Date:**

**Place: Warangal**

**Sujatha Samala**