

Ms. SUNITHA G

Assistant Professor

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Research interests:

Development of analytical quality by design (AQbD) based methods for quantification of selected combination of drugs using liquid chromatographic technique. Application of validated methods for concurrent analysis of drugs in API / pharmaceutical dosage forms / biological fluids with an enactment of stability studies.

Education:

1. **M. Pharmacy** (2009-11): Pharmaceutical analysis & Quality assurance. Gokaraju Rangaraju College of Pharmacy, Hyderabad, Telangana State, India. (77%)

2. **B. Pharmacy** (2005-09): Sri Padmavathi Mahila Vishwa Vidyalayam, Tirupathi, AP, India. (79%)

3. **Intermediate** (2003-05): S.N. Junior College, Warangal, Telangana State, India. (94%)

4. **S.S.C** (2003): APRS, Hasanparthy, Warangal, Telangana State, India. (91%)

Teaching experience: 6 years as Assistant Professor (01-12-2012 to till date)

Professional Achievements, Awards:

- Qualified in GATE-2009.
- Received **Dr P D SETHI CERTIFICATE OF MERIT in 2015** for my manuscript entitled with Development and validation of discriminating and bio-relevant dissolution test for lornoxicam tablets, published in *Ind. J. Pharm. Sci*, 77 (3), 312-320.
- Received **first prize in oral presentation** at national conference “AUSHADH-2K18” on 17th February 2018.

Conference Publications:

1. Oral presentation on “AQbD based LC method for bioanalysis of canagliflozin and metformin, stability studies” **AUSHADH-2K18** held at Hyderabad, India on 17th February 2018.
2. Poster presentation on “Quantification of Residual Solvents in Polysorbate-80 by Gas Chromatography” **66th IPC-2015** held at Hyderabad, India from 23rd - 25th January 2015.
3. Poster presentation on “validated liquid chromatographic method for quantification of nasal spray for concurrent assessment of phenylephrine hcl and lidocaine HCl” at **SIPRA-14**, July 2014, Hyderabad.

Membership: Pharmacy Council of India - 058753A1

Research publications:

1. Panikumar D Anumolu, **Sunitha Gurralla**, Ceema Mathew, Vasavi Panchakatla, Veda Maddala (2019). Degradation Kinetics, *In-Vitro* Dissolution Studies and Quantification of Praziquantel, Anchored in Emission Intensity by Spectrofluorimetry. *Turk J Pharm Sci* 16(1):82-87
2. Panikumar D Anumolu, Anusha, K., Mrudula Kiran, A., Monika, P., Sowndarya, NSKR, **Sunitha.G.** (2016). Liquid chromatographic quantification of ternary mixture of anti-viral drugs and application to assessment of their tablet dosage form. *Int J Pharm Pharm Sci.* 8 (1): 237-240.
3. **Sunitha,G.**, Himaja, G., Srilekha, M., Ashwin Kumar, M., Panikumar D Anumolu. (2014): Validated liquid chromatographic method for quantification of nasal spray for concurrent assessment of phenylephrine HCl and lidocaine HCl. *World J Pharm Pharmaceutical Sci*, 3(9), 624-633.
4. Panikumar, D Anumolu, **Sunitha, G.**, Venkat raj, Y., Sathesh babu, PR., Subrahmanyam, CVS. (2014): Simple and specific validated derivative spectrophotometric method for simultaneous quantification of drotaverine HCl and mefenamic acid combination in tablets. *Analytical Chemistry-an Indian journal*,14 (1), 11-16.
5. **Sunitha G**, Bhagirath R, Venkateswara rao A., Ramakrishna K., Subrahmanyam CVS., Panikumar D Anumolu (2013): Fluorimetric quantification of brimonidine tartrate in eye drops. *Ind. J. Pharm. Sci*, 75 (6), 730-732.
6. Panikumar, D.Anumolu., **Sunitha Gurralla.**, Venkatraju Yeradesi., Sathesh Babu, P.R., Subrahmanyam,C.V.S. (2013): Development of dissolution test method for drotaverine HCl/mefenamic acid combination using derivative spectrophotometry, *Trop J Pharm Res*, **12** (2),227-232.
7. **Sunitha Gurralla**, Panikumar, D. Anumolu, Venkatraju Yeradesi, Lavanya, P, Rakesh, S.(2011): Novel application of hydrotropic solubilization phenomenon in the spectrophotometric analysis of valsartan in solid dosage form. *J Pharm Res, (JPR)*.4(8), 2758-2759.