

Dr CVS Subrahmanyam

Professor & Principal

Dept. of Pharmaceutics,
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Research Interests:

Research areas are physical pharmacy and preformulation studies :solubility behavior, solubilization of poorly water soluble drugs, etc., solid state manipulations – crystallization, co-crystals.
Novel drug delivery systems – Aquasomes, solid-lipid nano particles, osmotic systems; liquisolid compacts.

Education:

1. Ph.D. [1986]: Pharmacy Discipline, Birla Institute of Technology & Science, Pilani (Excellent), Rajasthan.
2. M. Pharmacy [1980]: College of Pharmaceutical Sciences, Andhra University, Visakhapatnam (1st Class with Distinction), Andhra Pradesh.
3. B. Pharmacy [1977]: College of Pharmaceutical Sciences, Andhra University, Visakhapatnam (1st Class), Andhra Pradesh.

Educational Institutions served previously

1. College of Pharmacy, JN Medical College, Belgaum, Karnataka State.
2. Pharmacy discipline, Birla Institute of Technology and Science, Pilani, Rajasthan.
3. College of Pharmaceutical Sciences, Manipal, Karnataka state.
4. Bapuji Pharmacy College, Davangere, Karnatak State.

Research Funding:

1. Principal Investigator, funded by All India Council for Technical Education (AICTE), Government of India, under Research Promotion Scheme [Amount Sanctioned: INR `5,00,000]Bapuji Pharmacy College [2000-2002].
2. Principal Coordinator, MODROBS "Development of differential dissolution media for drugs and dosage forms" sponsored by AICTE, Government of India, under Faculty Development Program [Amount Sanctioned: INR 15,00,000; 2010] .
3. Principal Coordinator, "Current trends in pharmaceutical product development including regulatory affairs" sponsored by AICTE, Government of India, under Faculty Development Program [Amount Sanctioned: INR `3,54,000; 2013] .
4. Principal Coordinator, "Industry Institute Partnership Cell (IIPC)" sponsored by AICTE, Government of India, [Amount Sanctioned: INR `7,00,000; 2010-2014].

Professional Recognition, Awards, Achievements:

1. Good Teacher (1995) chosen by the students of College of Pharmaceutical Sciences, Manipal, through secret Ballot
2. Ranbaxy Research Award for Pharmaceutical Sciences, (1985) given to guide Prof. R. C. Srivastava

Representative Publications:

International: 30
National : 05

1. Gurralla S., Anumolu P. D*, Subrahmanyam CVS, Garrepelli M. and Balam P.(2017). Stability indicating liquid chromatographic asseswsment of Dolutegravir by AQbD approach-Central composite design. *Ind Drugs*, **54** (10):53-60.
2. Sandhya Pamu*, CVS Subrahmanyam, K.S.K. Rao Patnaik (2017). Formulation and *in vitro*evaluation of gastroretentive floating drug delivery of valsartan using hot melt extrusion technique. *IJPSR*, **8**(4): 1813 – 19.
3. Pavani Vengala, Rudreswar Vanamala, C. V. S. Subrahmanyam (2017). Carbohydrate stabilized ceramic nanoparticles for the delivery of a poorly soluble drug, Lornoxicam. *Asian Journal of Pharmaceutics*, **11** (3): S497.
4. Pavani Vengala 1, CVS Subrahmanyam , M Gangaraju (2016) *In Vitro And In Vivo* Evaluation of piroxicam loaded ceramic nanoparticles. *Int J Pharm Sci Res.* 7(7)303-09.
5. Sathesh Babu PR, Sai Sruthi R, Shamili K, Subrahmanyam CVS (2016).Formulation and *In-Vitro*Evaluation of Efavirenz Lquisolid Compacts, *Int J Pharm Pharm Sci*; **8**(1): 137-143.

Conference Presentations:

International: 02

National : 19

1. 57th IPC, 2005, Hyderabad, India. P.R. Sathesh Babu, J. Thimmasetty, K. Valliappan, R. Manavalan, C.V.S. Subrahmanyam. Solubility behaviour of rofecoxib in different solvent blends.
2. 59th IPC, 2007, Varanasi, India. P.R. Sathesh Babu, J. Thimmasetty, K. Valliappan, R. Manavalan, C.V.S. Subrahmanyam. Solubility behaviour of meloxicam in different solvent blends.
3. 60th IPC, 2008, New Delhi, India. A.P. Basavarajappa, Sanjoy Mandal, J. Thimmasetty, C.V.S. Subrahmanyam, A.R. Annamalai, P.R. Sathesh Babu. Mutual Interaction of Drugs at Molecular Level – Its implications Pharmacotherapy.
4. 63rd IPC, 2011, Bengaluru, India. Panikumar AD, Sunitha G, Sathesh Babu PR, Subrahmanyam, CVS. Simultaneous estimation of Drotaverine hydrochloride and mefenamic acid and evaluation of their fixed dose tablets for dissolution behaviour.
5. Biofest-2012, Hyderabad, India. Panikumar AD, Sirisha N, Sathesh Babu PR, Subrahmanyam CVS. Development and validation of dissolution test for telmisartan and amlodipine besylate combined tablet dosage form by application of synchronous first derivative spectrofluorimetry.

Invited Lectures:

Plenary Lectures –12

Guest lectures – 20

Professional Activities:

Referee for review of research articles for Indian Journal of Pharmaceutical Sciences (1995 onwards)

Member, Editorial Board, Indian Journal of Pharmaceutical Education & Research (1977 onwards)

Life Member of the Following National Societies:

1. Indian Pharmaceutical Association
2. Association of Pharmaceutical Teachers of India
3. Indian Pharmaceutical Graduates Association

Research Guidance:

1.Ph.D. : 17 students

2.M. Pharmacy : 40 students

3.B. Pharmacy : 25 projects

Recognized Ph. D. supervisor, Osmania University, Jawaharlal Nehru Technological University-Hyderabad, MAHE, Manipal University.

Academic Bodies:

- Member, Board of Studies for Pharmacy, Mangalore University (1988-89)
- Member, Board of Examination Authority (Pharmacy), Mysore University (1995-01)
- Member, Board of Examination Authority (Pharmacy), Bangalore University (1997-99)
- Member, Board of Examination Authority (Pharmacy), Kuvempu University (2000-01)
- Member, Academic Council, Rajiv Gandhi University of Health Sciences, Bangalore (2001-02)
- Member, Board of Studies (PG), Rajiv Gandhi University of Health Sciences, Bangalore (2003-04)
- Member, Board of Studies, Faculty of Pharmacy, Osmania University, 2009, 2013, 2014, 2016.
- Member, Board of Studies, Pharmacy, Jawaharlal Nehru Technological University-Hyderabad, 2012, 2016.
- Member, Board of Studies, College of Technology, Osmania University, 2009, 2015-17.
- Member, Ph.D. Admission interview committee, Faculty of Pharmacy, Osmania University, 2013, 2016.

Books:

1. Textbook of Physical Pharmaceutics, 3rd edition, VallabhPrakashan, Delhi, 1998, 2015.
2. Textbook of Pharmaceutical Engineering – Unit operations-I, Principles and Practice, 2nd edition, VallabhPrakashan, Delhi 2011,2019.
3. Textbook of Pharmaceutical Engineering – Unit operations-II, Principles and Practice, 2nd edition, VallabhPrakashan, Delhi 2011.
4. Textbook, Essentials of Physical Pharmacy, 2nd edition, VallabhPrakashan, Delhi, 2016.
5. Pharmaceutical Production and Management, VallabhPrakashan, Delhi, 2005.

6. Biopharmaceutics and Pharmacokinetics, 2nd edition, Vallabh Prakashan, Delhi, 2015.
7. Pharmaceutical Regulatory Affairs – Selected Topics, Vallabh Prakashan, Delhi, 2012.
8. Industrial Pharmacy – Selected Topics, VallabhPrakashan, Delhi, 2013.
9. Laboratory Manual of Physical Pharmacy, 2nd edition, Vallabh Prakashan, Delhi, 2005.
10. Laboratory Manual of Physical Pharmaceutics, 2nd edition, VallabhPrakashan, Delhi,2005
11. Laboratory Manual of Pharmaceutical Engineering, 2nd edition, VallabhPrakashan, Delhi, 2011.
12. Laboratory Manual of Industrial Pharmacy, VallabhPrakashan, Delhi, 2006.
13. Laboratory Manual of Pharmaceutics, VallabhPrakashan, Delhi, 2006.
14. Advanced physical pharmcetuics, Vallabh Prakashan, Delhi, 2018 (in press).
15. Computer aided drug development, Vallabh Prakashan, Delhi, 2019 (in press).