

# Sri Venkateswara College of Pharmacy

## Format of Faculty CV

1	Name	<b>Dr. K. Bhaskar Reddy</b>
2	Designation	<b>Professor &amp; Principal</b>
3	Mobile and Email	Mobile: <b>+91 7729999180, 958199335</b> Email: <b>bhaskurra@gmail.com</b> <b>principal@svcop.in</b>
4	Gender	<b>Male</b>
5	Date of Birth & Age	<b>06/01/1977 &amp; 39 years</b>
6	Department	<b>Pharmaceutics</b>
7	SC/ST/OBC	<b>General</b>
8	Educational Qualification	<b>M. Pharm., Ph.D.</b>
9	Experience	<b>16 Years</b>
10	List of Publications (Published in national and international journals) Please specify: Journal Name, Title, Author Name as appeared in the journal, Volume No, Page Number, Year of Publication	<b>Enclosure - I</b>
11	List of conference Publications (National and International)	<b>Enclosure - II</b>
12	List of Sponsored projects undertaken From DST, DBT, AICTE, etc	<b>Yes (Enclosure - III)</b>

## Enclosure - I

### Publications (Cumulative Impact Factor - 33.636)

#### International

1. Enose Appavoo Arno, Prithviraj Anand, **Kesavan Bhaskar**, Somasundaram Ramachandran, Muniyandy Saravanan and Radhakrishnan Vinod. "Eudragit NE30D Based Metformin/Gliclazide Extended Release Tablets: Formulation, Characterization and *In vitro* Release Studies". *Chem. Pharm. Bull.* 50(11) 1495-1498(2002). **(Impact Factor - 1.507)**
2. M.Saravanan, **K.Bhaskar**, N.V.S.Narayanan, G.Maharajan, K.S.Pillai. "Diclofenac Sodium loaded Gelatin Magnetic Microspheres for Intra-arterial Administration: Formulation, Characterization and *In vitro* Release Studies". *Boll. Chim. Farmac.*142-n. 8 October 2003. **(Impact Factor - 1.35)**.
3. M.Saravanan, **K.Bhaskar**, G.Srinivasa Rao and M.D.Dhanaraju. "Ibuprofen-Loaded Ethylcellulose/Polystyrene Microspheres: An Approach to get Prolonged Drug Release with Reduced Burst Effect and Low Ethylcellulose Content". *J. Microencapsulation*, 2003, Vol. 20, No.3, 289-302. **(Impact Factor - 1.772)**
4. **K.Bhaskar**, S.Ramachandran, S.K.Sridhar, A.T.Rajarajan, A.Ramkumar, K.Sanathkumar, G.Srinivasa Rao, J.Anbu, M.D.Dhanaraju, M.Saravanan. Biopharmaceutical and Pharmacodynamic Studies on Topically Applied Diclofenac Gel Available in Indian Market, *Boll. Chim. Farmac.* 143-n. 5 June 2004. **(Impact Factor - 1.35)**
5. Muniyandy Saravanan, **Kesavan Bhaskar**, Gomathinayagam Maharajan, Kalathil Sadasivan Pillai. Ultrasonically Controlled Release and Targeted Delivery of Diclofenac sodium via Gelatin Magnetic Microspheres. *International Journal of Pharmaceutics* 283(2004) 71-82. **(Impact Factor - 3.991)**
6. **K.Bhaskar**, C.Krishna Mohan, M.Lingam, V.Prabhakar Reddy, V.Venkateswarlu and Y.Madhusudan Rao. Development of Nitrendipine Controlled Release Formulations Based on Solid Lipid Nanoparticle (SLN) and Nano-structured Lipid Carrier (NLC) for Topical delivery: *In vitro* and *Ex-vivo* Characterization. *Drug Development and Industrial Pharmacy*, (2008) 719-725. **(Impact Factor - 1.645)**
7. **K. Bhaskar**, J. Anbu, V. Ravichandiran, V. Venkateswarlu and Y. Madhusudan Rao. Lipid nanoparticles for transdermal delivery of flurbiprofen: formulation, *in vitro*, *ex vivo* and *in vivo* studies. *Lipids in Health and Disease*, 26, 2009, 8:6. **(Impact Factor - 2.24)**
8. Lingam Meka, **Bhaskar Kesavan**, Krishna Mohan Chinnala, Venkateswarlu Vobalaboina and Madhusudan Rao Yamsani. Preparation of a Matrix Type Multiple-Unit Gastro Retentive Floating Drug Delivery System for Captopril Based on Gas Formation Technique: *In vitro* Evaluation, *AAPS Pharm Sci Tech* 2008 June; 9(2): 612-619 **(Impact Factor - 1.45)**
9. **K.Bhaskar**, M.Lingam, C.Krishna Mohan, S.Jagan Mohan, J.Anbu, V.Ravichandiran, V.Venkateswarlu and Y.Madhusudan Rao. Development of SLN and NLC Enriched Hydrogels for Transdermal Delivery of Nitrendipine: *In vitro* and *In vivo* Characteristics. *Drug Development and Industrial Pharmacy*, 35 (2009) 98-113. **(Impact Factor - 1.645)**
10. Lingam M, **Bhaskar K**, Chandra Mohan E, Suresh B, Naidu K.V.N.S, Venkateswarlu V, and Madhusudan Rao Y. Design and evaluation of polymeric Coated Minitablets as Multiple Unit Gastroretentive Floating Drug Delivery Systems for Furosemide. *Journal of Pharmaceutical Sciences* Vol. 98, Issue 6, Date: June 2009, Pages: 2122-2132. **(Impact Factor - 3.13)**
11. **K.Bhaskar**. "Solid Lipid Nanoparticles (SLN) and Nanostructured Lipid Carrier enriched Hydrogel for Transdermal Delivery of Flurbiprofen: Formulation, *In vitro* Characterization, Pharmacokinetic and Pharmacodynamic Studies in Animals".

*International Journal of Biomedical Nanoscience and Nanotechnology (IJBNN) Vol. 1, Nos. 2/3/4,109-132 (2010). (Impact Factor – 1.94)*

12. Kumaravelrajan R, Narayanan N, Suba V and **Bhaskar K**. "Simultaneous delivery of nifedipine and metoprolol tartarate using sandwiched osmotic pump tablet system", *International Journal of Pharmaceutics* **399**, 60-70 (2010) (Impact Factor – 3.991)
13. S. K. Umadevi, R. Thiruganesh,, S. Suresh and **K. Bhaskar Reddy**. "Formulation and Evaluation of Chitosan Microspheres of Aceclofenac for Colon-Targeted Drug Delivery", *Biopharm. Drug Dispos.* **31: 407-427 (2010) (Impact Factor – 2.09)**
14. Muniyandy Saravanan, **Kesavan Bhaskar**, Gomathinayagam Maharajan and Kalathil Sadasivan Pillai. "Intra-articular administration of gelatin microspheres loaded with diclofenac sodium for controlled and targeted drug delivery", *Journal of Drug Targeting* Feb 2011, Vol. 19, No. 2, Pages 96-103 (Impact Factor – 2.995)
15. V. Ravi Sankar, Y.Dastagiri Reddy, **K.Bhaskar** and N. Vijaya Bhasakar, Formulation and Evaluation of Isabgol Based Matrix Tablets of Domperidone. *Inventi Rapid: NDDS* Vol. 2, Issue 1, 2011.
16. G.Parthasarathy, **K.Bhaskar Reddy** and V.V.Prasanth. "Formulation and Characterization of Transdermal Patches of Naproxen with Various Polymers". *Pharmacie Globale (IJCP)* 6 (07), 2011.
17. Sarat Chandra Prasad.M, S.Brito Raj, M.Ajay, B.Nagendra Babu, N.Audinarayana, **K.Bhaskar Reddy** and E.Mohanambal. "Formulation and evaluation of lamivudine enclosed alginate microbeads". *Der Pharmacia Lettre*, 2011, 3 (6):294-304.
18. **Kesavan Bhaskar Reddy**, Pamulaparti Vandana, Nelavala Audinarayana, Ekambaram Mohanambal, Rajagopal Kumaravelrajan and Ramachandran Meenakshi Sundaram. "Formulation and *In vitro* Assessment of Itraconazole loaded Solid lipid nanoparticles for Topical Delivery" *Int J of Ad Biomed & Pharm Res.* 2012, 1(1): 1-11.
19. M.Vishnu Priya, G.Harshavardhan Kumar, S.Brito Raj, E.Mohanambal, R.Meenakshi Sundaram and **K.Bhaskar Reddy**. "DESIGN, CHARACTERIZATION AND IN VITRO EVALUATION OF LAMIVUDINE FLOATING HOLLOW MICROSPHERES", *Int J of Ad Biomed & Pharm Res.* 2012, 1(1): 22-29.
20. M.Bharathi, Sarat Chandra Prasad M, R. Latha Eswari, S.Wasim Raja, Ravi Teja Allena, S.Brito Raj and **K. Bhaskar Reddy**. "Preparation and in vitro & in vivo characterization of valsartan loaded eudragit nanoparticles", *Der Pharmacia Sinica*, 2012, 3 (5):516-525.
21. Parthasarathy Govindasamy, **Bhaskar Reddy Kesavan**, Jayaveera Korlakunta Narasimha and Prasanth Viswanadhan Vasantha "Chitosan Based Unidirectional Release Buccal Patches of Carbamazepine: Formulation Development and In Vitro, Ex Vivo Characterization" *RJPPS*-2013, 2 (2) April – June, 47-58
22. Parthasarathy G, Srikanth V, Srilatha C and **Bhaskar Reddy K**. "Formulation and evaluation of mucoadhesive buccal patches of captopril" *Int J of Ad Biomed & Pharm Res.* 2013, 2(1): 1-6.
23. Ramakrishna Borra, Saraswathi Muniswamy Reddy and **Bhaskar Reddy Kesavan**. "Formulation Development and Evaluation of Bi-layered Buccal Mucoadhesive Drug Delivery System for Anti-asthmatic Drugs" *Int J of Ad Biomed & Pharm Res.* 2014, 3(1): 24-34.
24. Ramakrishna Borra, Saraswathi Muniswamy Reddy and **Bhaskar Reddy Kesavan**. "Formulation Development and Evaluation of Buccal Mucoadhesive Drug Delivery System of Salbutamol Sulphate by using D-Optimal Designs" *Int J of Ad Biomed & Pharm Res.* 2014, 3(2): 35-37.
25. D Raja, D Poornima, **K Bhaskar** and M Saravanan. "Ispaghula Husk-Based Extended Release Tablets of Diclofenac Sodium: Formulation, Evaluation and In vitro Release Studies" *Tropical Journal of Pharmaceutical Research*, February 2014; 13 (2): 205-210

#### **National:**

1. M.D.Dhanaraju, V.R.Siva Kumar, R.Subhashree and **K.Bhaskar**. "Bioadhesive Ocuserts for Ophthalmic Administration of Ciprofloxacin hydrochloride". *Indian Drugs* **39 (4) April 2002**.

2. M.D.Dhanaraju, C.Vamsadhara and **K.Bhaskar**. "A Multiple Emulsion Method to Entrap Hydrophilic Compound into Ethylcellulose Microspheres". *Indian Drugs* 40(2) February 2003.
3. M. Saravanan, M.D.Dhanaraju, S.K. Sridhar, S. Ramachandran, S. Kishore Gnana Sam, P. Anand, G. Srinivasa Rao and **K. Bhaskar**. "Preparation, Characterization and *In vitro* Release Kinetics of Ibuprofen Polystyrene Microspheres". *Indian J. Pharm. Sci.* 2004, 66(3): 287-292. (**Impact Factor - 0.55**)
4. **K.Bhaskar Reddy**, Smitha Elizabeth, P.Vandana, E.Mohanambal, S.Wasim Raja and S.K.Umadevi. "Formulation of Nimesulide Microemulsion Based Hydrogel for Topical Delivery: *In vitro* and *Ex vivo* Characterization". *Res Pharmaceutica* 2011, Vol. 2 Issue 4 15-23.
5. N.Audinarayana, S.Brito Raj, Srinivas Gopal Hukeri, M.Rajasekhar, E.Mohanmabal and **K.Bhaskar Reddy**. Formulation and Evaluation of Prednisolone sodium phosphate orally disintegrating tablets. *Int.J.Res.Pharm.Sci.*, 2(2), 2011, 192-199.
6. **K.Bhaskar Reddy**, M.Jyostna, N.Audinarayana, C.Madhavi Latha and E.Mohanambal. "The Enhancement Effect of Surfactants on the Penetration of Nitrendipine through Rat Skin" *Indian Journal of Novel Drug Delivery* 4(1), Jan-Mar, 2012.

## **Review**

1. **K.Bhaskar Reddy**, V.Vaijayanthi, S.Brito Raj, E.Mohanamabal, R.Charulatha and Y.Madhusudan Rao. "Nanoparticles for Brain Targeting" *Indian Journal of Novel Drug Delivery* 3(2), Apr-Jun, 2011, 91-97.
2. S.Wasim Raja, S.Brito Raj, C.Sreedhar, E.Kalaam, B.Nagendra Babu, P.Srikanth, G.Harsha Vardhan, M.Vishnu Priya and **K.Bhaskar Reddy**. "INNOVATIONS IN PHARMACEUTICAL PACKAGING - AN UPDATE" *Int J of Ad Biomed & Pharm Res.* 2012, 1(1): 29-39.
3. Y. Sravan Kumar, S. Wasim Raja, J. Sunitha, S.M. Azharuddin, P.C. Ganesh Raj, S. Brito Raj and **K. Bhaskar Reddy**. "HOUSEHOLD SURVEY ON RATIONAL USE OF MEDICINES IN INDIA", *International Journal of Pharmacy & Therapeutics*, 2013, 4(1), 59-69.

## Enclosure - II

### Papers Presented in International Conferences

1. Development of nitrendipine controlled release formulations based on Solid lipid nanoparticle (SLN) and Nano-structured lipid carrier (NLC) for topical delivery: *in vitro* and *ex-vivo* characterization (**Oral presentation at** World Congress of Pharmacy and Pharmaceutical Sciences, 67<sup>th</sup> International Congress of FIP, 2007 held at Beijing, China).
2. The enhancement effect of surfactants on the penetration of nitrendipine through rat skin (**Poster presentation at** World Congress of Pharmacy and Pharmaceutical Sciences, 67<sup>th</sup> International Congress of FIP, 2007 held at Beijing, China).
3. Preparation and *in vitro* evaluation of nitrendipine nanoparticles (**Poster Presentation** at World Congress of Pharmacy and Pharmaceutical Sciences, 66<sup>th</sup> International Congress of FIP, 2006 held at Salvador Bahia, Brazil).
4. Development of SLN and NLC enriched hydrogels for transdermal delivery of nitrendipine (**Oral Presentation** at World Congress of Pharmacy and Pharmaceutical Sciences, 68<sup>th</sup> International Congress of FIP, 2008 held at Basel, Switzerland).
5. Lipid Nanoparticles for transdermal drug delivery: *in vivo* characterization (**Poster Presentation** at World Congress of Pharmacy and Pharmaceutical Sciences, 68<sup>th</sup> International Congress of FIP, 2008 held at Basel, Switzerland).
6. Development of lipid nanoparticles enriched hydrogels for transdermal delivery of flurbiprofen: Formulation, pharmacokinetic and pharmacodynamic studies in animals (**Oral Presentation** at World Congress of Pharmacy and Pharmaceutical Sciences, 69<sup>th</sup> International Congress of FIP, 2008 held at Istanbul, Turkey).

### **Enclosure – III**

#### **Distinctions/ Awards Received**

- Young Scientist Award from Department of Science and Technology (DST), New Delhi.
- Scientist Mentor for 5 Projects worth Rs.1.5 Crore funded by Department of Science and Technology (DST), New Delhi.
- Minor Research Project worth of Rs.2,00,000/- funded by University Grants Commission (UGC), New Delhi.
- Coordinator for AICTE Sponsored National Seminar on “Future Prospects and Pharmaceutical Applications of Gene Targeting”
- Coordinator for DST Sponsored National Seminar on “Role of Novel Carriers in Targeted Drug Delivery”
- Coordinator for DBT Sponsored National Seminar on “Emerging Trends in Pharmaceutical-Biotechnology on Novel Dosage Form”
- Convener for ICMR Sponsored National Seminar on “Alternative to Animal Use in Research, Education and Toxicity Investigations”
- Coordinator for A.P. Pollution Control Board Sponsored National Seminar on “Bio-medical Waste Management”
- Acted as Chairman and organized One Day National Workshop on “Bio-medical Waste Management” sponsored by A.P. Pollution Control Board.
- Acted as Co-Chairman, Registration Committee of Indian Pharmaceutical Congress Association held in Chennai - 2003.
- Acted as Member, Scientific Services Committee (LOC) of Indian Pharmaceutical Congress Association held in Chennai - 2003.
- Received Senior Research Fellowship from All India Council for Technical Education (A.I.C.T.E), New Delhi, Government of India.
- Conferred Fellow of Association of Biotechnology and Pharmacy (FABAP)-2012