

Faculty Profile

Personal Details:

Name :	Dr. Mrs. SHAIKH KARIMUNNISA SAMEER
Date of Birth :	11 th JUNE 1978
Highest Qualifications:	Ph.D
Contact no. :	09881865610
E-mail :	karima78@rediffmail.com
Date of joining the institute :	1 st May 2011
Present Status :	Associate Professor & Head, Department of Quality Assurance Techniques

Academic Qualification:

No.	Qualifications	Board / University	Year of Passing	Class
1	B. Pharm.	Pune University	1999	First Class with distinction
2	GATE-99	-	1999	96.99 percentile
3	M. Pharm.	Pune University	2001	First Class
4	Ph.D.	Bharati Vidyapeeth Deemed University	2011	-

Experience:

Academics	07
Research	03
Number of PG students guided	09
Subjects taught :	<p>B.Pharm: Pharmaceutics – I, Dispensing Medications and Hospital Pharmacy, Pharmaceutical Engineering, Pharmaceutical Analysis, Pharmaceutics – III, Biopharmaceutics and Pharmacokinetics.</p> <p>M.Pharm: Advanced Quality Assurance Techniques (cGMP and documentation), Pharmaceutical Validation, Novel Drug Delivery Systems, Sterile product Formulation and Technology, Advanced Pharmaceutics.</p>
Teaching award :	Nil
Membership of	Life member of APTI

professional bodies:	
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Research Publications

International: 17

1. Kedar P Jadhav, **Karimunnisa S. Shaikh**, Praveen D. Chaudhari, C Bothiraja, Formulation and evaluation of pullulan based oral film for delivery of antihypertensive drug, **Accepted, Trends in Carbohydrate Research.**
2. Pavan Ram Kamble, **Karimunnisa Sameer Shaikh**, Pravin Digambar Chaudhari, Application of liquisolid technology for enhancing solubility and dissolution of rosuvastatin, **Accepted, Advanced Pharmaceutical Bulletin**
3. C. Bothiraja, B.Y. Dilip, A.P. Pawar, K.S. Shaikh, U.H. Thorat, Fisetin- loaded nanocochleates: Formulation, characterization, in-vitro anticancer testing, bioavailability and biodistribution study, **Accepted, Expert Opin Drug Deliv**, doi:10.1517/17425247.2013.860131 (**I.F 4.869**).
4. Bothiraja C, Harshad S Kapare, **Karimunnisa S Shaikh**, Atmaram Pawar, Investigation of ethyl cellulose microsponges gel for topical delivery of eberconazole nitrate, Accepted, **Therapeutic Delivery.**
5. C. Bothiraja, Amol D Gholap, **Karimunnisa S Shaikh** & Atmaram P. Pawar, Investigation of mixed micelles as potential nanocarriers for the delivery of plumbagin in cancer, **Therapeutic Delivery**, October 2013, Vol. 04, No. 10; Pages 1247-1259 , doi: 10.4155/tde.13.92.
6. Amol D Thingale, **Karimunnisa S Shaikh**, Prajakta R Channekar, Upendra C Galgatte, Praveen D. Chaudhari, C. Bothiraja, Enhanced hepatoprotective activity of andrographolide complexed with a biomaterial, **Accepted, Drug Delivery (I.F 2.015)**.
7. Prajakta R. Channekar, **Karimunnisa S. Shaikh**, Praveen D. Chaudhari, C. Bothiraja, Kedar Jadhav, Enhanced hepatoprotective efficacy of andrographolide through its encapsulation in nanocarrier, Communicated to **Journal of Microencapsulation.**
8. **Karimunnisa S. Shaikh** & Atmaram P. Pawar, Evaluation of mucoadhesive liposomal gel for vaginal delivery of ciclopirox olamine, **Drug Development and Industrial Pharmacy**, Early online, 2012, doi: 10.3109/03639045.2012.707204 (**IF= 1.49**).
9. Chellampillai Bothiraja , Atmaram P Pawar, Ashwin Mali, **Karimunnisa S. Shaikh**, Improved solubility and pharmacodynamic properties of surface modified bioactive plumbagin crystals, **International Journal of Surface Science and Engineering**, Accepted, (**IF= 0.49**).
10. Siddhodhan Shatrughan Bodade, **Karimunnisa S Shaikh**, Meghna S Kamble, Praveen D Chaudhari, A study on ethosomes as mode for transdermal delivery of an antidiabetic drug, **Drug Delivery**, 2013, 20(1): 40–46, doi:

10.3109/10717544.2012.752420, (I.F 2.015).

11. **Karimunnisa Shaikh**, Atmaram Pawar, Shama Aphale, Alpana Moghe, Effect of vesicular encapsulation on in-vitro cytotoxicity of ciclopirox olamine, **International Journal of Drug Delivery**, 2012, 4(2), doi: 10.5138/ijdd.v4i2.709, (IF=1.02).
12. C. Bothiraja, Atmaram P Pawar, Ganesh Dama, Prajakta P Joshi, **Karimunnisa S Shaikh**, Novel solvent-free gelucire extract of *Plumbago zeylanica* using non-everted rat intestinal sac method for improved therapeutic efficacy of plumbagin, **Journal of Pharmacological and Toxicological Methods**, 66 (2012) 35–42, doi: 10.1016/j.vascn.2012.05.007, (IF=0.778).
13. C. Bothiraja, Atmaram P. Pawar, Prakash L. Munde, **Karimunnisa S Shaikh**, Preparation, optimization and in-vitro evaluation of andrographolide loaded floating Cavilink™ beads for phytotherapy, **Nanoscience Nanotechnology Letter**, Vol. 4, 445–453, 2012, 10.1166/nnl.2012.1337 (IF=0.53).
14. A. P. Pawar and **Karimunnisa S Shaikh**, Study of role of ethosomes in topical delivery of an antifungal agent, **Journal of Pharmacy and Pharmacology**, 62(10) 1300, 2010 (IF=2.175).
15. **Karimunnisa S. Shaikh** & Atmaram P. Pawar, Liposomal delivery enhances cutaneous availability of ciclopirox olamine **Lat. Am. J. Pharm.** 29 (5): 763-70 (2010), (IF=0.32).
16. **Shaikh Karimunnisa**, Bothiraja C, Pawar AP, Studies on non-ionic surfactant bilayer vesicles of ciclopirox olamine, **Drug Dev Ind Pharm**, 6 (2010):946-953, (IF=1.49).
17. C. Bothiraja, Atmaram. P. Pawar, **Karimunnisa S. Shaikh** and Praveen Sher. Eudragit® EPO based nanoparticle suspension of andrographolide: *In vitro* and *in vivo*. **Nanosci. Nanotech. Lett.** 10(3), 1-9, 2009, (IF=0.53).
18. Govind S. Asane, Yamsani Madhusudan Rao, Jaykrishna H Bhatt, **Karimunnisa S Shaikh**, Optimization, characterisation and pharmacokinetic studies of mucoadhesive oral multiple unit systems of ornidazole, **Scientia Pharmaceutica**. 2011; 79: 181–196, (IF=0.853).

National: 01

1. Anuprita Landge, Atmaram Pawar, **Karimunnisa Shaikh**, Investigation of cochleates as carriers for topical drug delivery, **International Journal of Pharmacy and Pharmaceutical Sciences**, Accepted (IF=1.1).

Presentations: 07

1. **Karimunnisa Shaikh**, Atmaram Pawar, Shama Aphale, Alpana Moghe, “In-vitro cytotoxicity testing of lipid and surfactant based nanostructures of a potential anticancer drug” at UGC sponsored “National Conference on the Innovative Research and Developments in Pharmaceutical Sciences” at Poona College of

Pharmacy, Erandawane, Pune on 7th and 8th January 2012.

- 2) A. P. Pawar and **K.S. Shaikh**, Study of Role of ethosomes in topical delivery of an antifungal agent, **UK PharmSci. 2010**, at University of Nottingham, 1-3 Sept. 2010.
- 3) Kankudte A.D., C. Bothiraj, **K.S. Shaikh** and Atmaram Pawar: Novel sustained formulation containing Polycaprolactone nanoparticles of Antrographolide. **10th International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems**, Organized by CRS Indian Chapter, SciTech, Mumbai, Feb. 2010, P-48.
- 4) Landge A, C. Bothiraj, **K.S. Shaikh** and Atmaram Pawar: Development and evaluation of Hydrochlorthiazide loaded niosomal oral formulation **10th International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems**, Organized by CRS Indian Chapter, SciTech Centre, Mumbai, Feb. 2010, P-64.
- 5) Salve S.V., Sudhakar B., Gadhave M.V., **Shaikh K.S.**, Pawar A. P., Ibuprofen ethosomal gel as a topical drug delivery. , **9th International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems**, Organized by CRS Indian Chapter, SciTech Centre, Mumbai, Feb. 2009, P-53.
- 6) Patel P.R., Boraste S.S., Shelake M.R., **Shaikh K.S.**, Pawar A.P., Mucoadhesive tablet formulation Amoxiciline trihydrate, **9th International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems**, Organized by CRS Indian Chapter, SciTech Centre, Mumbai, Feb. 2009, P-107.
- 7) Joshi B.L., Marathe A.S., Salve S.V., **Shaikh K.S.**, Pawar A.P., Ibuprofen niosomal gel for topical drug delivery, **9th International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems**, Organized by CRS Indian Chapter, SciTech Centre, Mumbai, Feb. 2009, P-134.

Dr. Mrs. Karimunnisa S Shaikh