



Shri Sadashivrao Patil Shikshan Sanstha's

Smt. Kishoritai Bhoyar College of Pharmacy

(UGC Approved Research Center & 34th All India Rank, NIRF, MHRD, Govt. of India)

Dr. Milind J. Umekar

Educational Qualification: M. Pharm PhD, M.B.A, PhD, FASc, FIPS

Designation: Principal & Professor

Department: Pharmaceutics

Date of Birth: 16th March, 1973

Email Id: drmilindumekar@gmail.com



Qualifications:

Course	Specialization	University	Year
Ph.D	Management Studies	RTM Nagpur University	2015-2016
Ph.D	Pharmaceutical sciences	RTM Nagpur University	2009-2010
M. Pharm	Pharmaceutics	RTM Nagpur University	2000-2001
M.B.A.	Marketing Management & Finance	Nagpur University	1996-1998
B. Pharm	Pharmaceutical sciences	Amravati University	1992-1996

Fellowships:

FASc Fellow of Institute of Animal Science

FIPS Fellow of Indian Pharmacological Society

Experience:

Administrative: 14 Years (Principal: S. K. B. College of Pharmacy, Kamptee, Nagpur)

Teaching and Research: 16 Years (As a Lecturer, Asst. Prof. & Professor for B.Pharm. & M.Pharm. Courses at S.K.B. College of Pharmacy, Kamptee, Dist. Nagpur, Maharashtra State, India - 441002)

Details of the Patents :

No	Title of the patents	Inventors	Status
01	An herbal cosmetic composition comprising <i>Tridax Procumbens</i> Extract for hair growth	Dr. M. J. Umekar, Dr. K.J. Wadher	Filed
02	A sustained release pharmaceutical composition comprising Carbamazepine	Dr M.J. Umekar, Dr. G.S. Bhoyar Dr. K.J.Wadher, Ms. R. V. Trivedi	Filed
03	A process for synthesis of 6-chloro 1,3-benzothiazole-2yl- semicarbazones	Dr. M.J. Umekar, Dr. K. R. Gupta	Filed
04	Use of <i>Bacopa Monneria</i> extract for the treatment of Alcohol Withdrawal Symptoms.	Dr. M. J. Umekar, Dr. N.R.Kotagale, Dr.B.G. Taksande, Mr. M.M. Aglawe, Ms. M.P. Dixit, Ms. P. Yewlekar	Filed
05	Phytosome Based Transdermal Drug Delivery System Comprising Curcumin	Dr. M. J. Umekar, Dr. N.R. Kotagale, Dr. B.G. Taksande, Ms. S. Bawakule	Filed
06	Anti-lice treatment composition.	Dr. Milind J. Umekar, Dr. N. J. Durugkar, Mr. Shankar Bharti	Filed

Recent Paper Publications:

- Taksande BG, Sharma O, Aglawe MM, Kale MB, Gawande DY, Umekar MJ, Kotagale NR. Acute orexigenic effect of agmatine involves interaction between central $\alpha 2$ -adrenergic and GABAergic receptors. **Biomed Pharmacother.** 2017 Jul 13; 93: 939-947.
- Jayshree B. Taksande, Priyanka P. Sonwane, Rashmi V. Trivedi, Kamlesh J. Wadher, Milind J. Umekar. Formulation and Pharmacodynamic Investigations of Lamotrigine Microspheres in Pentylenetetrazole-Induced Seizures in Mice. **Asian Journal of Pharmaceutics** Jan-Mar 2017 (Suppl) • 11 (1) | S1
 - Jayshree B Taksande, Kamlesh J Wadher, Rashmi V Trivedi, Milind J Umekar. Development and Evaluation of Lamotrigine loaded N-Trimethyl Chitosan Microspheres for Intranasal Administration. **International Journal of ChemTech Research**, 2017, 10 (1): 01-13.
 - Trivedi RV, Kotagale NR, Taksande JB, Wadher KJ, Awandekar NB, Umekar MJ. Influence of egg lecithin composition on physicochemical characteristics of pramipexole liposomes. **International Journal of Research in Pharmaceutical Sciences**, 2017, 8 (1), 6-15.
 - Rashmi V. Trivedi, Jayshree B. Taksande, Nishant B. Awandekar, Milind J. Umekar. Effect of lipid composition on liposomal Formulation of pramipexole. **World Journal of pharmaceutical research**. Vol 6, Issue 1, 2017, 1073- 1089
 - Kamlesh J. Wadher*, Pallavi Kalambe and Milind J. Umekar. Design And Evaluation Of Aceclofenac Sodium Sustained Release Tablets Using Surface Response Methodology. **World Journal of Pharmacy and Pharmaceutical Sciences. Volume 5, Issue 7, 1805-1820.**
 - Kamlesh J. Wadher*, Shrikant W. Bute and Milind J. Umekar. Formulation and evaluation of gastroretentive floating tablet using eudragit rspo with natural polymers. **World Journal of Pharmacy and Pharmaceutical Sciences. 2016, Volume 6, Issue 1, 587-597.**
 - N. B. Awandekar*, R. V. Trivedi, M. J. Umekar Employability Skills Assessment Amongst Pharmacy Post Graduates In Nagpur Region. **International Journal of Pharmaceutical Sciences and Business Management**, 2016, Vol.4 Issue. 10, 1-10
 - Raut NS, Jamaiwar S, Umekar MJ, Kotagale NR. Effect of compression pressure on inhalation grade lactose as carrier for dry powder inhalations. **Int J Pharm Investig. 2016 Jan-Mar;6(1):39-46.**
 - J B Taksande*, Mona Gupta, R V Trivedi, K J Wadher, M J Umekar. Formulation and characterization of organic- inorganic hybrid film for transdermal drug delivery. **Journal of Applied Pharmaceutical Research 2016, 4 (3): 8 – 15**
 - Taksande BG, Gawande DY, Chopde CT, Umekar MJ, Kotagale NR. Agmatine ameliorates adjuvant induced arthritis and inflammatory cachexia in rats. *Biomedicine and Pharmacotherapeutics*. 2017;86:271-278. doi: 10.1016/j.biopha.2016.12.039. 2.
 - Raut NS, Jamaiwar S, Umekar MJ, Kotagale NR. Effect of compression pressure on inhalation grade lactose as carrier for dry powder inhalations. *International Journal of Pharmaceutical Investigation*. 2016;6(1):39-46. doi: 10.4103/2230- 973X.176474.
 - Taksande BG, Chopde CT, Umekar MJ, Kotagale NR. Agmatine attenuates hyperactivity and weight loss associated with activity-based anorexia in female rats. *Pharmacol Biochem Behav.* 2015 doi: 10.1016/j.pbb.2015.03.005.
 - Kotagale NR, Chopde CT, Umekar MJ, Taksande BG. Chronic agmatine treatment prevents behavioral manifestations of nicotine withdrawal in mice. *Eur J Pharmacol.* 2015;754:190-8. doi: 10.1016/j.ejphar.2015.02.033.

- Taksande BG, Chopde CT, Umekar MJ, Kotagale NR. Agmatine attenuates lipopolysaccharide induced anorexia and sickness behavior in rats. *Pharmacol Biochem Behav.* 2015;132:108-114. doi: 10.1016/j.pbb.2015.02.013.
- Kotagale NR, Walke S, Shelkar GP, Kokare DM, Umekar MJ, Taksande BG. Agmatine attenuates nicotine induced conditioned place preference in mice through modulation of neuropeptide Y system. *Behav Brain Res.* 2014;262:118-24. doi: 10.1016/j.bbr.2014.01.004.
- Raut NS, Deshmukh PR, Umekar MJ, Kotagale NR. Zinc cross-linked hydroxamated alginates for pulsed drug release. *Int J Pharm Investig.* 2013;3(4):194-202. doi: 10.4103/2230-973X.121292.
- Taksande BG, Faldu DS, Dixit MP, Sakaria JN, Aglawe MM, Umekar MJ, Kotagale NR. Agmatine attenuates chronic unpredictable mild stress induced behavioral alteration in mice. *Eur J Pharmacol.* 2013;720(1-3):115-20. doi: 10.1016/j.ejphar.2013.10.041.
- Raut NS, Somvanshi S, Jumde AB, Khandelwal HM, Umekar MJ, Kotagale NR. Ethyl cellulose and hydroxypropyl methyl cellulose buoyant microspheres of metoprolol succinate: Influence of pH modifiers. *Int J Pharm Investig.* 2013;3(3):163-70. doi: 10.4103/2230-973X.119235.
- Kotagale NR, Paliwal NP, Aglawe MM, Umekar MJ, Taksande BG. Possible involvement of neuropeptide Y Y1 receptors in antidepressant like effect of agmatine in rats. *Peptides.* 2013;47:7-11. doi: 10.1016/j.peptides.2013.04.018.
- Aglawe MM, Taksande BG, Kuldhariya SS, Chopde CT, Umekar MJ, Kotagale NR. Participation of central imidazoline binding sites in antinociceptive effect of ethanol and nicotine in rats. *Fundam Clin Pharmacol.* 2013 doi: 10.1111/fcp.12034.
- Kotagale NR, Tripathi SJ, Aglawe MM, Chopde CT, Umekar MJ, Taksande BG. Evidences for the agmatine involvement in antidepressant like effect of bupropion in mouse forced swim test. *Pharmacol Biochem Behav.* 2013;107:42-7. doi: 10.1016/j.pbb.2013.03.019.
- Kotagale NR, Mendhi SM, Aglawe MM, Umekar MJ, Taksande BG. Evidences for the involvement of sigma receptors in antidepressant like effect of quetiapine in mice. *Eur J Pharmacol.* 2013;702(1-3):180-6. doi: 10.1016/j.ejphar.2013.01.045.
- Balpande HM, Raut NS, Umekar MJ, Kotagale NR. Compatibility Study Of Metformin With Pharmaceutical Excipients. *Int.J.ChemTech Res.* 2013;5(4):1684-1693.
- Raut NS, Balpande HM, Deore CN, Umekar MJ, Kotagale NR. Compatibility Study of Ranitidine with Pharmaceutical Excipients. *International Journal of Pharmaceutical Research.* 2013;5(1):83-90.
- Kotagale NR, Parkhe AP, Jumde AB, Khandelwal HM, Umekar MJ. Ranitidine Hydrochloride-loaded Ethyl Cellulose and Eudragit RS 100 Buoyant Microspheres: Effect of pH Modifiers. *Indian J Pharm Sci.* 2011;73(6):626-33. doi: 10.4103/0250-474X.100236.
- Jumde AB, Umekar MJ, Kotagale NR. Complexation using direct current: novel batch method for drug-resinate preparation. *Drug Dev Ind Pharm.* 2013;39(7):978-84. doi: 10.3109/03639045.2012.692375.

Consultation and Research:

- Offering consultancy services for the Herbal formulations, Ayurvedic preparations, Sterile diagnostic preparations, Industrial scale up and setting of manufacture of sterile diagnostic preparations, liquid formulations, Acute and sub-acute toxicity studies for Herbal formulations, Standardization of Herbal preparations as per OECD and WHO guidelines
- Extending the research consultation for the Inter-institute research collaborations

Books

- **A Text Book of Biochemistry,**
Authors: M.J.Umekar, R.T.lohiya & N.R.Kotgale
Published By : Carreer Publication, Nashik
ISBN-10: 8188739340
ISBN-13: 978-81-88739-34-9
- **Pharmaceutical Dosage Form : Basic and Beyond**
Authors: Kamlesh J. Wadher, Milind J. Umekar & Mahesh R. Mishra
Published By : PharmaMed Press (BSP Books Pvt Ltd.)
ISBN-10: 9352301536
ISBN-13: 978-9352301539
- **Sustained Drug Release using combination of Polymer.**
Authors: Fulbandhe Vivek, Wadher Kamlesh & Umekar Milind
Published By : LAP Lambert Academic Publishing
ISBN-10: 3659382205
ISBN-13: 978-3659382208

Awards

1. Maharashtra Pharmacist Association Award.
2. Young Achiver Award.
3. National Teacher Excellence Award
4. Best Teacher Award
5. Best Principal Award.
6. Best Paper Award, SFE 2015, Petra, Jordan
7. APTI's Special Contribution Award

Workshop Attended

- Attended workshop at Indore, India, Sponsored by **Pharmacy Council of India**, New Delhi
- Attended Workshop at Warnanagar, India, Sponsored by **All India Council for Technical Education**, New Delhi.
- Attended workshop at Nasik, India, Sponsored by **Maharashtra University of Health Sciences**, Nashik.
- Attended workshop at Kamptee, India, Sponsored by **Society of Pharmacognosy**.
- Attended National Seminar at S.K.B.College of Pharmacy, India, Sponsored by **All India Council For Technical Education**, New Delhi.

- Attended National Seminar at Nagpur, India, Sponsored by **All India Council For Technical Education, New Delhi.**

Membership in Scientific & Professional Societies:

National

- Indian Pharmaceutical Congress 2017: **Organizing Secretary**
- Association of Pharmaceutical Teachers of India, National : **Vice-President**
- Indian Pharmaceutical Congress Association: **Member**
- Association of Pharmaceutical Teachers of India, MS: **Past President**
- Association of Unaided Private Pharmacy Colleges (AUPPC) : **Secretary**
- Society of Pharmacognosy: **State Coordinator.**
- Maharashtra Pharmacist Association, Vidarbha region : **President**
- Pharma HR Society Of India : **Founder Secretary**
- Indian Pharmacological Society (IPS): **Executive Member.**
- Indian Pharmaceutical Association (Nagpur Branch): **Ex-President.**
- Alumni Association, SNIOP, Pusad: **President.**
- Central India Pharmacy Promotion & Research Association, Nagpur: **Life Member.**
- Society of Pharmacognosy: **Life Member.**
- Control Release Society (Indian Chapter): **Member.**
- Indian Pharmaceutical Association: **Life Member.**
- Association of Pharmaceutical Teachers of India (APTI) : **Life Member.**
- Maharashtra Pharmacist Association : **Life Member.**
- Indian Society of Health Administrator (ISHA) : **Life Member.**
- Indian Pharmacists Association (IPhA) : **Life Member.**
- Indian Society for Technical Education (ISTE) : **Life Member.**
- Indian Pharmacological Society (IPS) : **Life Member.**
- Indian Disalination Association (IDA) : **Life Member.**
- Society of Toxicology (SOT) : **Life Member.**
- Indian Botanical Society (IBS) : **Life Member.**
- Indian Pharmacy Graduates Association (IPGA) : **Life Member.**
- Indian Commerce Association (ICA) : **Life Member. (MH412)**
- Maharashtra State Commerce association : **Life Member**
- Pharma HR Society Of India : **Life Member**

International

- International Pharmaceutical Federation (FIP) : **Member.**
- Asian Association of Schools of Pharmacy (AASP) : **Life Member.**
- Royal Pharmaceutical Society of Great Britain (RPS) : **Member.**

- **Governing Body Member**

- Sainath College of Pharmacy, Nagpur
- Anurag College of Pharmacy, Bhandara.
- Akhilesh Institute of Management Studies.
- Kamptee Polytechnic, Kamptee
- Madhavrao Wankhede Shararik Shikshan Mahavidyalaya.

Distinctions

Pharmacy Council of India (PCI) Inspector :

- For extension of approval of M.Pharm. course in Pharmacy.
- For extension of approval of Degree course in Pharmacy.
- For extension of approval of Diploma course in Pharmacy.
- For extension of approval of Pharm. D. course in Pharmacy.

Director Nominee (DTE):

- For Centralised admission Process (CAP) for M.Pharm. course
- For extension of approval of Diploma / Degree/PG course in Pharmacy
- For granting permission for establishment of new Diploma / Degree /PG course

Member of Expert Committee (RSTM Nagpur University) :

- For granting permission for establishment of new Degree course in Pharmacy.
- For granting permission of Research laboratory.
- Staff Selection Committee.

Member of Local Enquiry Committee (RSTM Nagpur University):

- For Affiliation of the institution to the University

Member of Expert Committee (M.S.B.T.E.):

- For granting permission for establishment of new Diploma / Short Term courses.
- Chairman/Member – Academic Monitoring Committee
- Member, Academic Monitoring Format Design.

Subject Expert:

- M.S. Board Of Technical Education, Mumbai.
- R.T.M. Nagpur University, Nagpur.

Examiner: For B.Pharm , M.Pharm & PhD Programme.

- R.T.M. Nagpur University.
- S. Phule University, Pune.
- Mumbai University.
- B. Ambedkar Marathwada University, Aurandabad.
- S. G. M. Amravati University.
- R.G.T.U. Bhopal University.
- SRNU, Nanded University.
- North Maharashtra University, Jalgaon.

- Shivaji University, Kolhapur.
- M.S.B.T.E. Mumbai : For Diploma Courses

Registration

Registered Pharmacist.

Maharashtra State Pharmacy Council.

Registration No. 37579.

Date of Registration No. 30/12/1995.

Other Information

- Served as **Chairman / member** of Staff Selection Committee, Local Managing Committee,
- Governing Body, Admission Committee of Shri Sadashivrao Patil Shikshan, Sanstha, Kamptee, Dist. Nagpur, Maharashtra, India
- **Advisor:** Alliance Infospace Academy.Nagpur.
- **Advisor:** Finance Committee, 10th APTI National Convention.
- **Advisor :** Indian Pharmacognosy Society Convention held at Moga, Panjab
- **Advisor:** Indian Pharmacognosy Society Convention held at Bhopal, M.P.
- **Chief Coordinator :** Patient Counseling Course, conducted by Maharashtra State Pharmacy Council, Mumbai & All India Chemist and Druggist Association.
- **Chief Co-ordinator :** MSBTE sponsored Staff Development Programme for Supporting Staff
- **Chief Coordinator:** AICTE Sponsored National Seminar.
- **Chief Coordinator:** AICTE Sponsored Staff Development Programme.
- **Chief Coordinator :**Indian Pharmacognosy Society Convention held at Kamptee,MS
- **Chairman:** Scientific Poster Session, IPC 2010, Manipal.
- **Chairman:** Scientific Session First International Conference of the Society of Pharmacognosy, held at KLE Deemed University, Belgum, Karnataka.
- **Chairman :** Scientific Session, 15th National Convention of the Society of Pharmacognosy, held at KLE Deemed University, Belgum
- **Convener:** National Seminar on Career Pathways in Pharmacy Profession organized by Indian Pharmaceutical Association, Nagpur.
- **Convener:** One day National Workshop on Pharmaceutical Intellectual Property Rights Protection & Enforcement, held at Hotel Tuli International, Nagpur
- **Convener:** National Workshop on Analytical Instruments Handling organized by Indian Pharmaceutical Association, Nagpur.
- **Chairman:** LOC, **First Pharma HR Summit** of Pharma HR Society of India.
- **Chairman:** LOC, **IPSCON 2012, (45th Annual Conference of Indian Pharmacological Society and International Conference)**
- **Member:** LOC, International Conference of Society of Ethnopharmacology.
- **Chairman:** LOC, **Second Pharma HR Summit** of Pharma HR Society of India.