

Dr. YOGESH V. USHIR (M. Pharm., Ph.D)

Permanent Address:

43, "Meera", Nagre Mala, Near Chaudhari Mala, Hanumanwadi, Panchvati, Nashik-422003, Maharashtra, India.

☎ +912532515324 (Nashik; Maharashtra), Mobile-+918605002311; Email: ushir29@gmail.com

OBJECTIVE

Thriving to become a successful pharmacy professional by upgrading knowledge in the field of pharmacy thereby adding more value to the organization.

WORK EXPERIENCE

Designation	Experience	Period
Principal	6.4 year	18 th July 2013 to continue
Associate Professor**	1 year	2 nd July 2012 to 17 th July 2013
Assistant Professor	5.0 years	July 07 th 2007 to July 01 st 2012
Medical Representative	0.9 year	July 28 th 2004 to Apr. 10 th 2005
Trainee	0.1 year	June 2 nd 2003 to July 2 nd 2003

**0.5 years work as In-charge principal along with designation as Associate Professor in Rajkot, Gujarat.

1. Currently working as a Principal at S.M.B.T. Sevabhavi Trust's, S.M.B.T. Institute of Diploma Pharmacy from 18th July 2013.
2. Six month Experience as a Associate Professor in Pharmacognosy department at S.M.B.T. Sevabhavi Trust's, College of Pharmacy, Dhamangaon (January 14th 2013 to 17th July 2013).
3. Six month Experience as a Associate Professor in Pharmacognosy department at Shree H. N. Shukla Institute of Pharmaceutical Education & Research, Rajkot (2nd July 2012 to 13th January 2012).
4. Four years & six month Experience as a Assistant Professor in Pharmacognosy at Shree H. N. Shukla Institute of Pharmaceutical Education & Research, Rajkot (January 7th 2008 to July 1st 2012).
5. Six month experience as Assistant Professor at Parul Arogya Seva Mandal's Baroda College of Pharmacy, Wagodia, Baroda.
6. Nine months Industrial Experience as a Medical Representative at Blue Cross Ltd., M.I.D.C. Ambad, Dist. Nasik. From July 28th 2004 to Apr. 10th 2005.

7. Acted as Coordinator for Gujarat Technological University December 2010 examination at exam center, 250: Shree H. N. Shukla Pharmacy College, Rajkot.
8. Work as Pharmacy Council of India in-charge at Shree H. N. Shukla Institute of Pharmaceutical Education & Research, Rajkot from December 01st 2009 to July 12th 2012.
9. Approved Lecturer in Pharmacognosy from Saurashtra University, Rajkot & Gujarat Technological University, Ahmedabad. (Letter no. 446/2010 dated 19/05/10)
10. Working as Medical Representative at Blue-Cross Laboratory, Ambad; BWS- Nashik, from July 2004 to April 2005.
11. Working as Referee for International Journal of Ayurveda, (Department of AYUSH).
12. Working as Deputy Editor-in-Chief for online Research journal 'Pharmtechmedica' from 1st January 2011.
13. Working as Joint Secretary for 'IPA- Nasik Branch' from October 2013.

EDUCATION

1. Ph.D. in Pharmacy awarded in June 2012 from Saurashtra University (Re-Accredited by NAAC) Rajkot, Gujarat.
2. Master of Pharmacy, specialization in Pharmacognosy, scored 69.83% completed from R.C. Patel College of Pharmacy, Shirpur in 2007, North Maharashtra University (Accredited by NAAC) Jalgaon.
3. Bachelor of Pharmacy scored 64.14% completed from M. G. Vidyamandir's Pharmacy College, Nasik, in 2004, Pune University.
4. Diploma in Pharmacy Scored 74.40% completed from N.D.M.V.P'S College of Pharmacy, Adgaon, Dist. Nasik in 2001, Maharashtra State Board of Technical Education, Mumbai.
5. Passed IIT, Mumbai GATE exam in 2005 with percentile 87.72.

ACHIEVEMENTS

1. **Won Bronze medal award** for oral presentation in foreign scientist category. At Herbal and Traditional Medicine conference-2017, Bangkok; Thailand, for the oral presentation on research work, 'Estimation of total phenol, flavonoid and tannin contents in galls of *Ficus racemosa* leaf'.
2. Filed an Indian Patent on 'Topical gel formulation of Trimyristin', dated 24/06/2016.

3. Travel Grant awarded from Maharashtra State Board of Technical Education, Mumbai for travelling Malaysia in August 2014.
4. Scholarship awarded from MHRD for two year during 2005-2007.
5. Stood second for M. Pharmacy (Pharmacognosy) and Secured Silver Medal from North Maharashtra University, Jalgaon in 2007.
6. Secured First Rank in M. Pharmacy; Sem-II in entire North Maharashtra University, Jalgaon.
7. Stood 2nd Rank for poster Presentation State level Conference organized by R.C. Patel Science College, Shirpur, in 2007.

Ph. D. (Pharmacy): July 2008 – June 2012

University : Saurashtra University, Rajkot, State-Gujarat; India.

Title: “Comparative Pharmacognostic Study of *Anisomeles indica* and *Anisomeles malabarica*”.

Research Guide : Prof. (Dr.) K. N. Patel (+919879356664).

CONFERENCES/WORKSHOPS ATTENDED

Total conference attended: 19 National 03 International.

Total QIP attended: 01.

Total Workshop attended: 03.

Some of them highlighted below;

1. Short course training in ‘Development of Herbal Innovations using Green Extraction and Quality Control’ held at Phytomedicines and Pharmaceutical Excellence Center, Faculty of Pharmaceutical Sciences, Prince of Songkla University, Songkhla; Thailand, on 10th - 15th June, 2019.
2. ‘Joint International Conferences of the 5th Current Drug Development 2018 (CDD 2018) and the 3rd Herbal and Traditional Medicine 2018 (HTM2018)’; held at Hatyai, Songkhla; Thailand on 23rd to 25th May 2018.
3. ‘International Herbal and Traditional Medicine conference-2017’; held at Bangkok; Thailand on 25th Jan. to 27th Jan. 2017.
4. International Islamic University Malaysia organized ‘International Conference of Industrial Pharmacy 2014’; held at Kuantan, Malaysia on 16th & 17th Aug. 2014.

5. University of Pune Sponsored two day workshop on ‘Phytopharmaceuticals-Perspectives in Development of Drugs and Excipients’, held at S.M.B.T. College of Pharmacy, Dhamangaon, Nashik (1st & 2nd Mar 2013)
6. GUJCOST Sponsored one day workshop on ‘Contemporary Practices of R & D and Quality Assurance in Pharmaceutical Industry’, held at Shree H. N. Shukla Institute of Pharmaceutical Sciences and Research, Rajkot (3rd Mar 2011)
7. QIP: AICTE Sponsored 15 days Staff Development Programme on ‘Recent Trends in Herbal Drug Standardization & Quality Control’ held at B. M. Shah College of Pharmacy, Modasa, Gujarat (Oct. - Nov. 2007)
8. APTI Sponsored two day workshop on ‘Recent Trends in Microbial Biotechnology’, held at R. C. Patel Science College, Shirpur Dist.-Dhule, Maharashtra, India (7-8 Feb 2006)
9. Indian Pharmacognosy Society sponsored two day work shop on ‘Recent Trends in Phytomedicine & Neutraceuticals’, held at R. C. Patel Pharmacy College, Shirpur Dist.-Dhule, Maharashtra, India (5-6 Nov 2006)
10. North Maharashtra University sponsored two days ‘University Research Festival’, held at Jalgaon, Maharashtra, India (15-16 Dec 2006)
11. Indian Pharmaceutical Congress (55th) held at Chennai, Tamilnadu, India in December 2003.

PRESENTATIONS

1. ‘Cecidological and Pharmacognostical Study of *Ficus* Species Galls’ Oral Presentation in ‘Joint International Conferences of the 5th Current Drug Development 2018 (CDD 2018) and the 3rd Herbal and Traditional Medicine 2018 (HTM2018)’; held at Hatyai, Songkhla; Thailand on 23rd to 25th May 2018.
2. ‘Kshara Formulation of *Orthosiphon Thymiflorus* Panchang’ Oral Presentation in ‘Joint International Conferences of the 5th Current Drug Development 2018 (CDD 2018) and the 3rd Herbal and Traditional Medicine 2018 (HTM2018)’; held at Hatyai, Songkhla; Thailand on 23rd to 25th May 2018.
3. ‘Estimation of total phenol, flavonoid and tannin contents in galls of *ficus racemosa* leaf’. Oral Presentation in ‘Herbal and Traditional Medicine Conference 2017’; held at Bangkok, Thailand on 25th to 27th January 2017.

4. 'Holistic Concept of Ayurveda' Guest Lecture at Royal College of Pharmacy, Malegaon on 30th December 2014.
5. 'GC – MS analysis and antibacterial activity of essential oil from *Orthosiphon thymiflorus* Roth.' Poster Presentation in 'International Conference of Industrial Pharmacy 2014'; held at Kuanthan, Malaysia on 16th & 17th Aug. 2014.
6. 'Antimicrobial Activity of Essential oil from *Anisomeles indica*' in Recent Trends in Microbial Biotechnology, 7-8 Feb 2006 at Shirpur Dist.-Dhule, Maharashtra, India.
7. 'Co-rrrelation of Phenolic Content and *in-vitro* Antioxidant Activity of *Anisomeles indica*' in Recent Trends in Phytomedicine & Neutraceuticals, 5-6 Nov 2006 at Shirpur Dist.-Dhule, Maharashtra, India.
8. 'Pharmacognostic & Phytochemical Study of *Anisomeles indica*' in University Research Festival, 15-16 Dec 2006, at Jalgaon, Maharashtra, India.
9. 'Anxiolytic effect of *Zingiber officinale* on Animal Models of Anxiety' in 55th IPC Chennai, at Tamilnadu, India.
10. 'Investigation of Free Radical scavenging activity of *Nyctanthes arbor-tristis* flowers' in 55th IPC Chennai, at Tamilnadu, India.

PUBLICATIONS

Text Books

1. 'A text book of Biochemistry-as per PCI syllabus' in Dec. 2018, ISBN: 978-81-7660-329-4, Everest Publishing House, Pune.
2. 'Concepts in Pharma Marketing Management' in Apr. 2018, ISBN:978-93-82322-75-7, Career Publications, Nashik, India.
3. 'Pharmaceutical Jurisprudence' for pharmacy student in Dec. 2016, ISBN: 978-81-7660-307-2, Everest Publishing House, Pune.
4. 'Cosmetic Science' in Nov. 2017, ISBN: 978-93-86943-54-5, Nirali Publication, Pune, India.
5. 'Pharmaceutical Biochemistry' in Dec. 2015, ISBN: 978-81-7660-288-4, Everest Publishing House, Pune.

Research Papers

1. Ushir Y. V. *et al.*, "Comparative Study of Different Varieties of Polished and Unpolished Rice of Ghoti Region" AJPHR 2019; 7(7): 19-23.

2. Ushir Y. V. *et al.*, “Estimation of Secondary Metabolites in Different Tea and Coffee Brands of Indian Market” *International Journal of Science and Research* 2018; 7(12): 1429-1430.
3. Ushir Y. V. *et al.*, “Pharmacognostical and Preliminary Phytochemical Studies of *Argyreia Speciosa* leaves”, *AJPTR* 2018; 8(5): 310-321.
4. Ushir Y. V. *et al.*, “Cecidological and pharmacognostical study of *Ficus racemosa* leaf galls”, *Journal of Pharmacognosy and Phytochemistry* 2015; 4(4): 41-44
5. Ushir Y.V. *et al.*, “Synthesis of novel 5-methyl pyrazol-3-one derivatives and their in vitro Cytotoxic evaluation”, *Med Chem Res*, 2014; Aug.: 1-7.
6. Ushir Y.V. *et al.*, “Synthesis and Biologic Evaluation of Substituted 5-methyl-2-phenyl-1H-pyrazol-3(2H)-one Derivatives as Selective COX-2 Inhibitors: Molecular Docking Study”, *Chemical Biology and Drug Design*, 2014; Mar: 1-11.
7. Ushir Y.V., Morankar P. G. “Pharmacognostical Standardization of Kailashpati” *International Journal of Pharmacognosy*, 2014; 1(5): 1-9.
8. Ushir Y.V., Kadam N. V., Borade D. S. “Pharmacognostic Study of Some Medicinal Plants Used on Ghoti Tribal Region Of Nashik District” *International Journal of Pharmacognosy*, 2014; 1(4): 1-9.
9. Ushir Y.V., Morankar P. G., Dhake A.S., M. R. Kumbhare, A.R. Surana, S. D. Patil. “An Evaluation of the Antidiabetics Effects of *Couroupita Guianensis* Aubl. Flowers in Experimental Animals” *Indo American Journal of Pharmaceutical Research*, 2013; 3(4): 3114-3122.
10. Ushir Y.V., Morankar P.G. and Dhake A.S. “Phytochemical Compositions and *in-vitro* Anti-inflammatory Activity of *Plectranthus mollis*” *Journal of Advanced Pharmacy Education and Research*, Apr-June 2013.
11. Ushir Y.V., Jasani K.P., Bhimani K.M., Dave P.M. “Isolation and Determination of triterpenoid from Roots of *Hyptis Suaveolens*” *Pharmtechmedica*, 2012; 1(2): 81-85.
12. Ushir Y.V., Chidrawar V.R., Patel K.N. “Pharmacognostic study of the *Stellria media* Roots”, *Inventi Rapid: Planta Activa*, 2012;1: 1-4.
13. Ushir Y.V., Patel K.N. “Quantitative Analysis of Genus *Anisomeles* Species Grown in India”, *Indian Journal of Natural Product*, Dec. 2011.

14. Ushir Y.V., Patel K.N. and Sheth N.R., 2011. "HPTLC Fingerprint Profile for Quantitative Determination of Various Phytoconstituents in *Anisomeles* Species", American J. Pharm. Tech. Res., 2011; 1(2): 93-101.
15. Ushir Y.V., Patel K.N. "Isolation and identification of bioactive compounds responsible the *In-vitro* Anti-inflammatory activity of *Anisomeles* Species", Inventi Rapid: Planta Activa, 2011; 3.
16. Ushir Y.V., Patel K.N, Sheth N.R. "Analysis of Fatty Acid in *Anisomeles* Species by Gas Chromatography-Mass Spectrometry". Pharmacognosy Journal, 3:22; 2011: 44-47.
17. Ushir Y.V., Patel K.N. "Chemical Composition and Antibacterial Activity of Essential Oil from *Anisomeles* Species grown in India". Pharmacognosy Journal, 2:18; 2011: 55-59.
18. Ushir Y.V. *et al.*, "Estimation of Secondary Metabolites in different Tea & Coffee brands from Indian Market" International Journal Of Pharmacy & Life Sciences, 2011; 2(3):599-600.
19. Ushir Y.V., Patel K.N., Chidrawar V.R., Singh S.K. "Comparative Pharmacognostical Standardization of Genus *Anisomeles* Linn. R. Br. (Lamiaceae) Species in India." International Journal of Pharmaceutical Sciences & Research, 1:11; 2010: 60-68.
20. Ushir Y.V., Tatiya A.U. Surana S.J., Patil U.K. "Gas Chromatography-Mass Spectrometry Analysis and Antibacterial activity of essential Oil from Aerial Parts and Roots of *Anisomeles indica* Linn." International Journal of Green Pharmacy, 4:2; 2010: 98-101.
21. Ushir Y.V., *et al.* "Pharmaceutical Characterization of Amoxicillin Trihydrate as Mucoadhesive microspheres in management of *H. pylori*" International Journal of Pharm Tech Research, 2010; 2(1):348-358.
22. Ushir Y.V., Patel K.N. Tatiya A.U., Surana S.J. "Pharmacognostic Studies on *Anisomeles indica* Linn. (Labiatae)", Phcog J. (supplement to Phcog. Mag.), 2009; 1(1): 44-49.
23. Ushir Y.V., *et al.* "Design, Development & Evaluation of Domperidone pellets" Inter. J. Pharm. Tech Res., Vol.1, No.3, 885-891: 2009.
24. Ushir Y.V. *et al.*, "Pharmaceutical Evaluation of *Annova reticulata* Seed Mucilage as Binding Agent", Herbal Heritage, 2009;1(4): 37-41.
25. Ushir Y.V. *et al.*, "Evaluation of Antimicrobial Activity of *Byttneria herbacea*' (Sterculiaceae)", Herbal Heritage, 2009;1(1).
26. "Preliminary Evaluation of *Cassia auriculata* seed mucilage as binding agent" Phcog J., 1(4), 251-257:2009

27. "Possible Role of Natural Nephroprotective; *Hemidesmus indicus* in Congestive Heart Failure", Phcog res., Vol. 1, issue 6, 367-374, Nov-Dec. 2009
28. Ushir Y.V. *et al.*, "Colon Specific Drug delivery System of Mesalamine for Eradication of ulcerative Colitis", Research J. Pharm. and Tech., Vol. 2, (4), Oct-dec.2009
29. Ushir Y.V., Chidrawar V.R., Patel K.N. "Preclinical Evaluation of *Hemidesmus indicus*", The Journal of Research & Education in Indian Medicine, 2008; Jan-March: 39-44.
30. "Antioxidant, Analgesic & Antipyretic Activity of Essential oil from *Anisomeles indica* (Labiatae) on experimental Model", The Journal of Research & Education in Indian Medicine, Dec. 2007
31. "Antiulcer Activity of *Eranthemum roseus*", Inter J of Phcol & Bio Sci, Mar 2007.

Patent

1. Filed an Indian Patent on 'Topical gel formulation of Trimyristin', dated 24/06/2016.

TECHNICAL EXPERTISE

Pharmacognosy and Phytochemistry

1. Metabolomics of plants.
2. Estimation of bio-active natural products in raw as well as pure form.
3. Isolation and Identification of bioactive compounds- column chromatography, structural elucidation of bio-active natural products.
4. Cecidological study- Galls on leaves, comparative study with parts of plant, causes of galls, role of auxins and gibberellins.
5. Tribal Region- study plants with local knowledge.
6. Gas Chromatography-Mass Spectrometry- saturated fatty acids, unsaturated fatty acids, terpenoids, tannins, flavonoids.
7. Monograph setting of plants- as per Ayurvedic Pharmacopoeia of India.
8. Pharmaceutical Evaluation-Mucilage as Binding Agent in tablet, terpenoid as penetration enhancer.
9. Handling of analytical instruments require while working with bio-active natural products.

Biologics Evaluation Techniques

1. *In-vitro* anti-inflammatory- inhibition of protein denaturation, HRBC membrane stabilization and Antioxidant Activity- DPPH Scavenger, nitrous oxide model.
2. Antibacterial Activity- serial dilution assay, deep well method.
3. Analgesic activity-albino mice tail-flick method, hot plate method.
4. Antipyretic Activity-yeast induced fever model.
5. Antiulcer Activity-anxiety induced ulcer.
6. Cytotoxicity assays and histochemical assays.
7. Animal handling - Rat oral, i.p., s.c. administration.

PROFESSIONAL REGISTRATION

1. REGISTERED PHARMACIST under Maharashtra State Pharmacy Council, State-Maharashtra; India. Registration No: 69713 (dated 23/10/2003).
2. IPS (Indian Pharmacognosy Society): Life Membership. Registration No: ISP/LM-MS/U-009
3. IPA (Indian Pharmaceutical Association): Life Membership Registration No: MAH_NK_LM_0101
4. APTI (Association of Pharmaceutical Teachers of India) : Life Membership Registration No: MA/LM-2281.

PERSONAL INFORMATION

Date of Birth - 27th March 1982
Citizenship - Indian
Marital Status - Married
Languages Known - English, Hindi, Marathi, and Gujarati.

DECLARATION

I hereby declare that the details furnished above are true and to the best of my knowledge.

Dr. Yogesh V. Ushir
M. Pharm; Ph.D