

## **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**

<b>Designation</b>	<b>Experience</b>	<b>Period</b>
Principal	8.3 year	18 <sup>th</sup> July 2013 to continue
Associate Professor**	1 year	2 <sup>nd</sup> July 2012 to 17 <sup>th</sup> July 2013
Assistant Professor	5.0 years	July 07 <sup>th</sup> 2007 to July 01 <sup>st</sup> 2012
Medical Representative	0.9 year	July 28 <sup>th</sup> 2004 to Apr. 10 <sup>th</sup> 2005
Trainee	0.1 year	June 2 <sup>nd</sup> 2003 to July 2 <sup>nd</sup> 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 18<sup>th</sup> July 2013 TILL DATE.
2. Six month Experience as a Associate Professor in Pharmacognosy department at S.M.B.T. Sevabhavi Trust's, College of Pharmacy, Dhamangaon (January 14<sup>th</sup> 2013 to 17<sup>th</sup> July 2013).
3. Six month Experience as a Associate Professor in Pharmacognosy department at Shree H. N. Shukla Institute of Pharmaceutical Education & Research, Rajkot (2<sup>nd</sup> July 2012 to 13<sup>th</sup> 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 7<sup>th</sup> 2008 to July 1<sup>st</sup> 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 28<sup>th</sup> 2004 to Apr. 10<sup>th</sup> 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 01<sup>st</sup> 2009 to July 12<sup>th</sup> 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 1<sup>st</sup> January 2011.
13. Working as Joint Secretary for 'IPA- Nasik Branch' from October 2013.

#### **OTHER EXPERIENCE**

1. Good in communicating with overseas universities and did 'foreign university tie up' with various universities like Prince of Songkhla University, Thailand; Malahyati University, Indonesia; Kathmandu University, Nepal; Das Darry College, Ghana; International Islamic University, Malaysia. State University of Bicol, Phillippines.
2. 2018 and 2019: Diploma level students motivated and initiated to participate at International workshop and Training programs at Thailand.
3. 2020 and 2021: Acted as program chair for 'International Conference of Traditional Medicine' (ICTM).

#### **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 64.00% 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. Received 'I2OR National Eminent Young Researcher Award-2020', an initiative from I2OR Academy; New Delhi.
2. **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'.
3. Filed an Indian Patent on 'Topical gel formulation of Trimyristin', dated 24/06/2016.
4. Travel Grant awarded from Maharashtra State Board of Technical Education, Mumbai for travelling Malaysia in August 2014.
5. Scholarship awarded from MHRD for two year during 2005-2007.
6. Stood second for M. Pharmacy (Pharmacognosy) and Secured Silver Medal from North Maharashtra University, Jalgaon in 2007.
7. Secured First Rank in M. Pharmacy; Sem-II in entire North Maharashtra University, Jalgaon.
8. Stood 2<sup>nd</sup> 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: 25, National; 05, 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 10<sup>th</sup> - 15<sup>th</sup> 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 23<sup>rd</sup> to 25<sup>th</sup> May 2018.
3. 'International Herbal and Traditional Medicine conference-2017'; held at Bangkok; Thailand on 25<sup>th</sup> Jan. to 27<sup>th</sup> Jan. 2017.
4. International Islamic University Malaysia organized 'International Conference of Industrial Pharmacy 2014'; held at Kuantan, Malaysia on 16<sup>th</sup> & 17<sup>th</sup> 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 (1<sup>st</sup> & 2<sup>nd</sup> 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 (3<sup>rd</sup> 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 & Nutraceuticals', 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 (55<sup>th</sup>) held at Chennai, Tamilnadu, India in December 2003.

## **PRESENTATIONS**

1. 'Preparation and Evaluation of *Anisomeles heyneana* Panchang Kshara', Oral Presentation in 'The 1st International Conference on Public Health and Medical Sciences (ICOPHMEDS) 2021'; held at MAlahyati University, Lampung; Indonesia on 8<sup>th</sup> – 9<sup>th</sup> September 2021.
2. '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 23<sup>rd</sup> to 25<sup>th</sup> May 2018.
3. '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 23<sup>rd</sup> to 25<sup>th</sup> May 2018.
4. '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 25<sup>th</sup> to 27<sup>th</sup> January 2017.
5. 'Holistic Concept of Ayurveda' Guest Lecture at Royal College of Pharmacy, Malegaon on 30<sup>th</sup> December 2014.
6. '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 16<sup>th</sup> & 17<sup>th</sup> Aug. 2014.
7. 'Antimicrobial Activity of Essential oil from *Anisomeles indica*' in Recent Trends in Microbial Biotechnology, 7-8 Feb 2006 at Shirpur Dist.-Dhule, Maharashtra, India.
8. 'Co-rrelation of Phenolic Content and *in-vitro* Antioxidant Activity of *Anisomeles indica*' in Recent Trends in Phytomedicine & Nutraceuticals, 5-6 Nov 2006 at Shirpur Dist.-Dhule, Maharashtra, India.
9. 'Pharmacognostic & Phytochemical Study of *Anisomeles indica*' in University Research Festival, 15-16 Dec 2006, at Jalgaon, Maharashtra, India.
10. 'Anxiolytic effect of *Zingiber officinale* on Animal Models of Anxiety' in 55<sup>th</sup> IPC Chennai, at Tamilnadu, India.
11. 'Investigation of Free Radical scavenging activity of *Nyctanthes arbor-tristis* flowers' in 55<sup>th</sup> 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.*, Pharmacognostic Studies on *Anisomeles Heyneana* Benth. (Labiatae). Journal of the Maharaja Sayajirao University of Baroda. Volume-55, No.1(X): 2021: 231-244.
2. Ushir Y. V. *et al.*, Design, Development and Evaluation of *Anisomeles indica* Herbal Cough Syrup. Research Journal of Pharmaceutical Dosage Forms and Technology. 13(4): 2021: 292-296.
3. Ushir Y. V. *et al.*, "Hydrophilic Biopolymer Matrix Antibacterial Peel-off Facial Mask Functionalized with Biogenic Nanostructured Material for Cosmeceuticals Applications" Journal of polymer and the Environment 2021; <https://doi.org/10.1007/s10924-021-02249-5>. Springer, New York; Impact Factor-3.667.
4. Ushir Y. V. *et al.*, "Etiology and Precautions of Corona Virus" European Journal of Pharmaceutical and Medical Research, 2020; 7(4): 718-724.
5. Ushir Y. V. *et al.*, "Formulation and Evaluation of herbal ointment of *Blumea lacera*" American Journal of PharmTech Research, 2020; 10 (03): 01-08.
6. Ushir Y. V. *et al.*, "Homeopathic Pharmacy's Legislation in India- A Review. British Journal of Medical and Health Research 2020. 7(06): 79-93.
7. Ushir Y. V. *et al.*, "Comparative Study of Different Varieties of Polished and Unpolished Rice of Ghoti Region" AJPHR 2019; 7(7): 19-23.

8. 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.
9. Ushir Y. V. *et al.*, “Pharmacognostical and Preliminary Phytochemical Studies of *Argyreia Speciosa* leaves”, *AJPTR* 2018; 8(5): 310-321.
10. Ushir Y. V. *et al.*, “Cecidological and pharmacognostical study of *Ficus racemosa* leaf galls”, *Journal of Pharmacognosy and Phytochemistry* 2015; 4(4): 41-44
11. 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. <https://doi.org/10.1007/s00044-014-1201-z>. Springer; Impact Factor-1.40.
12. 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. <https://doi.org/10.1111/cbdd.12324>. Blackwell, United Kingdom.
13. Ushir Y.V. *et al.*, “Pharmacognostical Standardization of Kailashpati” *International Journal of Pharmacognosy*, 2014; 1(5): 1-9.
14. Ushir Y.V. *et al.*, “Pharmacognostic Study of Some Medicinal Plants Used on Ghoti Tribal Region of Nashik District” *International Journal of Pharmacognosy*, 2014; 1(4): 1-9.
15. Ushir Y.V. *et al.*, “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.
16. Ushir Y.V. *et al.*, “Phytochemical Compositions and *in-vitro* Anti-inflammatory Activity of *Plectranthus mollis*” *Journal of Advanced Pharmacy Education and Research*, Apr-June 2013.
17. Ushir Y.V. *et al.*, “Isolation and Determination of triterpenoid from Roots of *Hyptis suaveolens*” *Pharmtechmedica*, 2012; 1(2): 81-85.
18. Ushir Y.V. *et al.*, “Pharmacognostic study of the *Stellria media* Roots”, *Inventi Rapid: Planta Activa*, 2012;1: 1-4.
19. Ushir Y.V., Patel K.N. “Quantitative Analysis of Genus *Anisomeles* Species Grown in India”, *Indian Journal of Natural Product*, Dec. 2011.

20. 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.
21. 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.
22. 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. <https://doi.org/10.5530/pj.2011.22.9>. Science direct-Medknow
23. 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. [https://doi.org/10.1016/S0975-3575\(11\)80026-X](https://doi.org/10.1016/S0975-3575(11)80026-X). Science direct-Medknow
24. 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.
25. Ushir Y.V., *et al.*, "Comparative Pharmacognostical Standardization of Genus *Anisomeles* Linn. R. Br. (Lamiaceae) Species in India." International Journal of Pharmaceutical Sciences & Research, 1:11; 2010: 60-68.
26. Ushir Y.V., *et al.*, "Gas Chromatography-Mass Spectrometry Analysis and Antibacterial activity of essential Oil from Aerial Parts and Roots of *Anisomeles indicia* Linn." International Journal of Green Pharmacy, 4:2; 2010: 98-101. Medknow
27. 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.
28. Ushir Y.V., *et al.*, "Pharmacognostic Studies on *Anisomeles indica* Linn. (Labiatae)", Phcog J. (supplement to Phcog. Mag.), 2009; 1(1): 44-49.
29. Ushir Y.V., *et al.* "Design, Development & Evaluation of Domperidone pellets" Inter. J. Pharm. Tech Res., Vol.1, No.3, 885-891: 2009.
30. Ushir Y.V. *et al.*, "Pharmaceutical Evaluation of *Annova reticulata* Seed Mucilage as Binding Agent", Herbal Heritage, 2009;1(4): 37-41.
31. Ushir Y.V. *et al.*, "Evaluation of Antimicrobial Activity of *Byttneria herbacea*' (Sterculiaceae)", Herbal Heritage, 2009;1(1).



32. Ushir Y.V. *et al.*, “Preliminary Evaluation of *Cassia auriculata* seed mucilage as binding agent” *Phcog J.*, 1(4), 251-257:2009
33. Ushir Y.V. *et al.*, “Possible Role of Natural Nephroprotective; *Hemidesmus indicus* in Congestive Heart Failure”, *Phcog res.*, Vol. 1, issue 6, 367-374, Nov-Dec. 2009
34. 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
35. 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.
36. Ushir Y.V. *et al.*, “Antioxidant, Analgesic & Antipyretic Activity of Essential oil from *Anisomeles indica* (Labiatae) on experimental Model”, *The Journal of Research & Education in Indian Medicine*, Dec. 2007
37. Ushir Y.V. *et al.*, “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. 02 examinations over. Patent Application No. IN201621021529.

### **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.

#### **RESEARCH ID's**

1. Scopus Author ID: 36116044400, Scopus *h-index*: 4.
2. Google Research Scholar Name-, 'Dr. Yogesh Ushir', *h-index*: 7; *i10-index*: 3.
3. Orchid Author ID: <https://orcid.org/0000-0001-5065-2988>.
4. Web of Science Researcher ID: AAS-3849-2020.

#### **PROFESSIONAL REGISTRATION**

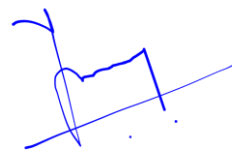
1. REGISTERED PHARMACIST under Maharashtra State Pharmacy Council, State-Maharashtra; India. Registration No: 69713 (dated 23/10/2003).
2. IPS (Indian Pharmacognosy Society): Life Membership. Registration No: ISP/LM-MS/U-009
3. IPA (Indian Pharmaceutical Association): Life Membership Registration No: MAH\_NK\_LM\_0101
4. APTI (Association of Pharmaceutical Teachers of India): Life Membership Registration No: MA/LM-2281.

#### **PERSONAL INFORMATION**

Date of Birth - 27<sup>th</sup> 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**