Curriculum Vitae

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MOHAMMAD TAUQEER S/O MOHAMMAD AKRAM M.Pharm, PhD

OBJECTIVE

• To acquire a challenging job in Pharmacy sector which will enhance my knowledge, capabilities and skills.

EDUCATIONAL QUALIFICATION

Degree	Year	University	Result
Ph.D.	2017	Dept. of Pharmaceutical Sciences, R. T. M. Nagpur University, Nagpur.	Awarded
M. Pharm.	2008	Dept. of Pharmaceutical Sciences, R. T. M. Nagpur University, Nagpur.	72.55 %
GATE	2006	I.I.T. Kharagpur	97.40 %
B. Pharm.	2005	Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee	63.45 %

WORK EXPERIENCE

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Work Experience – Total work experience is around <u>16 years and 05 Months</u> in academics.

S.N.	Name of College / Organization	Post	Date	Period
1.	K. C. Bajaj College of Pharmacy & Research, Jaripatka, Nagpur	Principal	01/09/2023 to Till date	05 Months
2.	Dr. Arun Motghare College of Pharmacy, Pauni	Principal	01/12/2021 to 31/08/2023	1.9 Years
3.	Shri Sai College of Pharmacy, Mouda, Dist. Nagpur	Principal	01/08/2020 to 30/11/2021	1.5 Years
4.	New Montfort Institute of Pharmacy, Ashti -442202, Dist. Wardha	Associate Professor (Approved)	01/08/2018 to 31/07/2020	2 Years
5.	Vaipani Herbal, C/97, MIDC Ind Area, Hinga Rd, Hingna, Nagpur	QC Head	01/05/2015 to 31/07/2018	3 Years
6.	Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur	PhD Research Scholar	01/05/2012 to 30/04/2015	3 Years
7.	Pyadarshini J. L. Chaturvedi College of Pharmacy, MIDC Hingna Road, Nagpur-16	Lecturer	01/07/2010 to 30/04/2012	2 Years
8.	Kamla Nehru College of Pharmacy, Butibori, Nagpur-08	Lecturer	01/07/2009 to 30/06/2010	1 Year
9.	Manoharbhai Patel College of Pharmacy, Gondia-441614	Lecturer	01/07/2008 to 30/06/2009	1 Year
10.	Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur	Lecturer	01/05/2005 to 30/04/2006	1 Year

RESEARCH SPECIALIZATION

- Pharmacognosy & Phytochemistry
- ➔ Guide: Dr. Prakash R. Itankar

AREAS OF INTEREST

➔ Organic cultivation, post harvest processing, development of herbal formulations based on ethnopharmacological literature. Analytical study of plant extracts with respect to isolation (using column and Flash chromatography), TLC, HPTLC and UFLC.

ACADEMIC PROJECT UNDERTAKEN

- **Ph.D.** Comparative Study of Phytochemistry and Anti-diabetic Status of Crude Drugs obtained by Organic and Non organic Cultivation.
- M.Pharm. Phytochemical Study, Isolation of Active Constituents and Evaluation of Anti-inflammatory and Anti-oxidant Activity of *Flemingia Strobilifera* Linn. (Fabaceae).

HONORS AND AWARDS

- **Construction** Recipient of PhD Sponsorship from Organic India Pvt. Ltd. Lucknow.
- Recipient of Rashtrasant Tukadoji Maharaj Memorial Fellowship during 2013-2015 for Ph.D. program from R.T.M. Nagpur University, Nagpur.
- Cleared GATE examination with 97.40 % and got top ten rank in Nagpur University.
- **Course.** Recipient of UGC Scholarship during 2006-08 for M. Pharm. Course.
- **Contract Section 2** Recipient of 07 Best Poster Presentation Awards.
- ➔ Appreciation Certificate from Elsevier for the Open Access Publication that was linked to the United Nation's Sustainable Development Goals, helping to tackle some of the World's greatest challenges.

ORGANIZING MEMBER

- As member, Registration Committee 72nd Indian Pharmaceutical Congress held at Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University at Nagpur from 20th to 22nd January 2023.
- 2. As Convener, of Three Days National Seminar on "Ethnopharmacology; A Perspective of Immunoboosters and antivirals" in Association with Society for Ethnopharmacology organized at Dr. Arun Motghare College of Pharmacy, Pauni, from 28th Feb -02nd March 2022.
- **3. As Convener, One Day National Workshop** in Association with Anchrom Enterprises Pvt Ltd. Mumbai on the topic "HPTLC: Technique and Pharma Applications", organized at Dr. Arun Motghare College of Pharmacy, Pauni, on 19 April 2022.

- 4. As Demonstrator, Preconference Workshop of 2nd International Congress of Society for Ethnopharcology, organized by Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur and Society for Ethnopharmacology, India, on 20th Feb 2015.
- 5. As member, Two days 2nd International Congress of Society for Ethnopharcology on "Validation of medicinal plants & traditional medicine: Global perspectives", organized by Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur and Society for Ethnopharmacology, India, on 21 – 22nd Feb 2015.
- **6. One day National Seminar** on "Emerging Trends in Chromatography", organized by J.L.Chaturvedi College of Pharmacy, Nagpur, on 25th February 2012.
- 7. Ten days AICTE Sponsored Staff Development Programme on "Recent Trends in Drug Discovery Development and Delivery Technique" organized by J.L.Chaturvedi College of Pharmacy, Nagpur, on 12 - 24th Sep 2011.
- **8. Three days Career Counseling Camp** organized by Priyadarshini College of Engineering, Nagpur, on 24 26th Mar 2011.
- 9. Two days National Seminar cum Workshop on "Exploration of Medicinal plants in forest by On-field Identification of Phytochemicals" organized by Department of Pharmaceutical Sciences, Nagpur, on 28th Feb & 01st Mar 2011.
- 10. Fifteen days AICTE sponsored Staff Development Programme on "Emerging Trends in Drug Discovery & Quality Assurance" organized by Amar Sewa Mandal's Kamla Nehru College of Pharmacy, Butibori, Nagpur, 24th Nov - 7th Dec 2009.
- **11. Two days National Convention** on "Recent Advances in Pharmaceutical Sciences and Drug Discovery" held at Kamla Nehru College of Pharmacy, Butibori, Nagpur, on 22-23rd Nov 2009.
- **12. Two days AICTE Sponsored National Seminar** on "Nanotechnology, Novel Approach in the Diagnosis and Treatment of Cancer", organized by Manoharbhai Patel Institute of Pharmacy, Gondia, during 20 21st Feb 2009.

PUBLICATIONS

- ✓ <u>https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=u4</u> <u>ZSSW0AAAAJ</u>
- ✓ ORCID https://orcid.org/0000-0003-1348-3956
- Resolving Solubility Problems and Providing an Overview of Excipients to Boost Oral Drug Bioavailability. Asian Journal of Pharmaceutics 2023; 17(4): 692-700.

- 2. Book Chapter Accepted: Entitled "Bioinformatics-Assisted Research on Plant Diversity" in the book titled Bioinformatics for Plant Research and Crop Breeding Editor: Prof. Jen-Tsung Chen, National University of Kaohsiung, Taiwan and Publisher: Wiley Book.
- 3. In silico Study to Recognize Novel Angiotensin-Converting-Enzyme-I Inhibitors by 2D-QSAR and Constraint-based Molecular Simulations. Journal of Biomolecular Structure & Dynamics 2023; 2: 1-20, <u>Impact factor: 5.23.</u>
- Toxicological and pharmacological profiling of organic & non-organic Cymbopogon citratus. Journal of Ayurveda and Integrative Medicine 2017; 04(002): 233-240, <u>Impact factor: 2.46.</u>
- Simultaneous determination of ursolic acid and eugenol from Ocimum sanctum L. cultivated by organic and non-organic farming. Indian Journal of Traditional Knowledge 2015; 14(4): 620-625, <u>Impact factor: 1.091</u>.
- Development of HPTLC method for estimation of piperine, guggulsterone E and Z in polyherbal formulation. *Pharmacognosy Journal* 2013; 5: 259-264. <u>Impact</u> <u>factor: 0.93</u>.
- Nutritional, phytochemical and anti-diabetic profiling of organically and conventionally cultivated vegetables. *Alternative & Integrative Medicine* 2022; 11: 13. <u>Impact factor: 0.78</u>.
- Evaluation of anti-inflammatory activity of *Flemingia strobilifera* linn. Fabaceae. *Research Journal of Pharmacy and Technology* 2009; 02(4): 865-867. <u>Impact factor: 0.68</u>.
- **9.** Development and Evaluation of Aloe-Vera Gel Loaded Crack Cream. *Iconic Research and Engineering Journals* 2022; 6(6): 88-96.
- Pharmacovigilance Safety Monitoring in Clinical Trials. Journal of Pharmacovigilance 2022; 10(07): 378.
- **11.** Cultivation, nutritional, anti-nutritional and mineral analysis of organic and non-organic Momordica charantia: Comparative study. *International Journal of Green Pharmacy* 2016; 10: 136-144.
- 12. HPTLC fingerprinting, phytochemical and physico-chemical studies of antidiabetic herbal extracts. *AYU (An International Quarterly Journal of Reseach in Ayurveda)* 2015; 36(2): 410-415.
- **13.** Antioxidant potential and its relationship with polyphenol content and degree of polymerization in *Opuntia elatior* Mill. fruits. **AYU (An International Quarterly Journal of Reseach in Ayurveda)** 2014; 35(4): 423-427.
- Effect of medicated oil of *Martynia annua* leaves and fruits on testosterone induced alopecia in mice. *Asian Journal of Pharmaceutical and Clinical Research* 2013; 6(S5): 49-52.

- Nutritional and phytochemical assessment of wild edible fruit of Aegle marmelos (Linn.) used by the Tribes of Bhiwapur Tahsil Nagpur district, India. Asian Journal of Pharmaceutical and Clinical Research 2015; 8(1): 76-78.
- **16.** Nutritional and phytochemical analysis of wild leafy vegetable *Hibiscus* sabdariffa L. (Ambadi bhaji) used by the Tribes of Bhiwapur tehsil Nagpur district, India. *International Journal of Researches in Biosciences, Agriculture & Technology* 2015; 1: 11-16.
- 17. Comparative on field phytochemistry of organically and non-organically grown crude drugs" in the proceeding report of Buyer Seller Meet sponsored by National Medicinal Plants Board (NMPB) organized by Forest Development Corporation of Maharashtra, India.
- **18.** Cultivation, nutritional, micro-nutritional and ursolic acid quantification (HPTLC) in organic and conventional *Ocimum sanctum*. International Journal of Researches in Biosciences, Agriculture & Technology 2014; 4: 448-462.
- **19.** Proximate, mineral and HPTLC fingerprints of Bael fruits used by Tribes of Bhiwapur tahsil Nagpur district, India. *International Journal of Researches in Biosciences, Agriculture & Technology* 2014; 4: 20-30.
- **20.** Determination of polyphenol content and free radical scavenging activity of successive extracts of *Flemingia strobilifera*. Advances in Pharmacology & Toxicology 2009; 10(1): 89-95.
- **21.** Anti-inflammatory activity of ethanolic extract of *Ventilago denticulate*. **Indian Journal of Natural Products** 2009; 25(2): 22-24.

GUEST LECTURES DELIVERED

- **1.** In Institute of Diploma in Pharmacy, Borgaon, Wardha on "Current Opportunities in Pharmacy Profession" on 03rd Feb 2022.
- **2.** In Bhausaheb Mulak College of D.Pharmacy, Umrer, Nagpur entitled as "Pharmacist for better Medication as a Carrier" on Wednesday dated 06th of Apr. 2011
- **3.** In Shri Sadguru Datta Institute of Pharmacy, Kuhi, Nagpur entitled as "Career Opportunities in Pharmacy Profession" dated 06th of Apr. 2011.
- **4.** In J. L. Chaturvedi College of Pharmacy (Diploma), Bhandara Road, Nagpur entitled as "Career in Pharmacy" dated 31st of Jan. 2011.

PRESENTATIONS

1. Poster presentation entitled "Impact of Cultivation Methodologies on the Antidiabetic, Anti-hyperlipidemic, Oxidative Stress and Pancreatic Regeneration Potential of Few Medicinal Plants" in 72nd Indian Pharmaceutical Congress held at Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University at Nagpur from 20th to 22nd January 2023.

- Oral Presentation in International Conference on "Frontiers in Alternative & Traditional Medicine" entitled "Nutritional, Phytochemical and Anti-diabetic profiling of Organically and Conventionally Cultivated Vegetables", organized at 35 Ruddlesway, Windosor, Berkshire, UK, during 16-17th May 2022.
- **3. Oral presentation** on the topic "Bioluminescent bacterium: A novel approach in toxicity profiling at **2nd International Congress of Society for Ethnopharcology**, on the theme "Validation of medicinal plants & traditional medicine: Global perspectives" organized by Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur and Society for Ethnopharcology, India, during 20 -22nd Feb 2015.
- 4. Oral presentation entitled "Comparative on field phytochemistry of organically and non-organically grown crude drugs" in the Buyer Seller Meet sponsored by National Medicinal Plants Board (NMPB) organized by Forest Development Corporation of Maharashtra, India.
- 5. Poster presentation entitled "Cultivation, nutritional, micro-nutritional and ursolic acid quantification (HPTLC) in organic and conventional *Ocimum sanctum*" in UGC sponsored National Conference on Life Sciences Revolution: PCR and its Applications organized by Sinddhu Mahavidyalaya, Nagpur, on 20th Dec 2014.
- 6. Oral presentation on the topic "Proximate, toxicological and HPTLC analysis of organically and non-organically grown *Momordica charantia*" at 1st International Congress of the Society for Ethnopharmacology, Globalizing Traditional Medicine: Present and Future Prospects, organized by Faculty of Pharmacy, Sri Ramachandra University, Chennai" in association with Jadavpur University, Kolkata, during 7 9th March 2014.
- 7. Model presentation entitled "On-field Identification of Phytoconstituents" at Avishkar 20012-13 Inter University Research Convention held at Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, during 7 - 9th Jan 2013.
- Model presentation entitled "On-field Identification of Phytoconstituents" at Avishkar 20012-13 Inter Collegiate Research Festival held at Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur from 28 - 29th Dec 2012.
- 9. Oral presentation entitled "Phytochemical and pharmacological evaluation of flavonoid rich fraction of *Tephrosia purpurea* stem for its anti-diabetic and pancreatic regeneration activity" in Centenary Celebration of Indian Science Congress, One Day National Seminar, held at Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur in Association of Indian Science Congress on 20th Oct 2012.

- Poster presentation entitled "Antioxidant activity, phenol and flavonoid contents of different extracts of *Flemingia Strobilifera* (Fabaceae)" at International Herbal Conference – 2009, held at Banglore from 26 - 28th Feb 2009.
- 11. Poster presentation on the topic "Valerian root, Passion flower and Gingko as NEUROTICS" at International Structural Neuroscience Conference on Peptides – held at Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur sponsored by IBRO, from 2 - 3rd Feb 2008.
- 12. Model presentation on the topic "Plants According to Nakshatra" at Avishkar
 2007-08 Inter University Research Festival held at SNDT Women's University, Churchgate, Mumbai, on 10 – 12th Jan 2008.
- 13. Model presentation on the topic "Plants According to Nakshatra" at Avishkar
 2007-08 Inter Collegiate Research Festival held at Institute of Pharmaceutical Education and Research, Wardha, on 27 28th Dec 2007.
- 14. Poster presentation at AICTE Sponsored National Seminar on Emerging Trends in Advanced Drug Delivery System 2007 on the topic "Transdermal Patches as a New Drug Delivery System for Herbals" held at Sharad Pawar College of Pharmacy, Wanadongry, Nagpur, on 8 – 9th Dec 2007.
- 15. Poster presentation on the topic "Evaluation of anti-inflammatory and antioxidant activity of ethanolic extract of *Flemingia strobilifera* Linn." at AICTE Sponsored National Seminar on Quality Perspectives of Herbal Cosmetics held at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, on 8 9th Sep 2007.
- 16. Poster presentation on the topic "Study of vegetables to fight against cancer " at National Conference on "Emerging Trends In Medicinal Plants And Their Biotechnological Advances" held by Department of Botany, Dr. Ambedkar College, Nagpur, on 5 – 6th Jan-2007.
- 17. Poster presentation as co-author entitled "Cytotoxicity profiling of organic and non-organic plant extracts using bioluminescent bacteria" in the 15th International Congress of the International Society for Ethnopharmacology held at <u>Petra,</u> <u>Jordan</u> organized by Al-Balqa Applied University in collaboration with the International Society for Ethnopharmacology, entitled during 5 8th May 2015.
- 18. Poster presentation as co-author entitled "Morpho-physiological traits, proximate, nutritional, anti-nutritional and phytochemical analysis of organic & non-organic Krishna tulsi" in 6th World Ayurveda Congress & Arogya Expo 2014 at Pragati Maidan, New Delhi.
- 19. Poster presentation as co-author in Scientific Proceedings during 15th Annual Conference & Ist International Convention of Society of Pharmacognosy held at KLE University's College of Pharmacy, Belgaum Karnataka from 18 - 29th Feb 2011.

WORKSHOPS ATTENDED

- Participated in "Seminar and workshop on system to educate healthcare & pharmaceutical professionals in provision of patient excellent healthcare service" in Patient Experience Excellence Congress 17-19 March 2019, <u>Riyadh, Kingdom of</u> <u>Saudi Arabia (KSA)</u> organized by Business Innovation Institute, Riyadh (KSA).
- Preconference workshop entitled "Scope for Research in Natural Products Funding Opportunities and Publication" in 2nd International Congress of Society for Ethnopharcology, organized by Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur, Society for Ethnopharcology, India and Gurunanak College of Pharmacy, Nagpur, on 20th Feb 2015.
- **3.** Preconference Workshop on "Tools for the Standardization of Ayurvedic Formulations", at IPSCON 2012, on 4th Jan 2013 organized by Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee, Nagpur.
- **4.** One day workshop on "Research Methodology Communication and Research Methods", organized by Gurunanak College of Pharmacy, Nagpur, on 6th Sep 2014.
- 5. Preconference workshop entitled "Globalizing Traditional Medicine: Present and Future Prospects" in 1st International Congress of the Society for Ethnopharmacology, organized by Faculty of Pharmacy, Sri Ramachandra University, Chennai" in association with Jadavpur University, Kolkata, during 7th Mar 2014.
- 6. Two days workshop on "Patents and Related Issues", organized by Rashtrasant Tukadoji Maharaj Nagpur University Technology Park, Patent Cell, Nagpur, on 28 – 29th Oct 2013.
- One day workshop on "Advanced Techniques in Pharmaceutical Analysis", organized by Rashtrasant Tukadoji Maharaj Nagpur University Technology Park, Nagpur, on 28th Feb 2013.
- 8. One day workshop on "Recent Trends in Biofertilizer Production Technology", organized by Rashtrasant Tukadoji Maharaj Nagpur University Technology Park and Rajiv Gandhi Biotechnology Centre, LIT Premises, Nagpur, on 27th Feb 2013.
- 9. Two days National Seminar cum Workshop on "Exploration of Medicinal plants in forest by On-field Identification of Phytochemicals" organized by Department of Pharmaceutical Sciences, Nagpur, on 28th Feb & 01st Mar 2011.
- One day Faculty Development program organized by Federation of Universities on 24th July 2010.
- Fifteen days AICTE sponsored Staff Development Programme on "Emerging Trends in Drug Discovery & Quality Assurance" 24th Nov - 7th Dec 2009 organized by Amar Sewa Mandal's Kamla Nehru College of Pharmacy, Butibori, Nagpur.
- **12.** Three days Training Programme on IPR from Department of Indian Ministry of Commerce & Industry, Department of and Industrial Policy and Intellectual Property Training Institute, Nagpur.
- **13.** One day CME on Pharmacovigilance held on 1st Sep. 2007 at GMC, Nagpur.

14. One day Workshop on "People's Biodiversity Register" organized by PG Department of Botany and Board of College and University Development, R.T.M Nagpur University, Nagpur.

SEMINARS ATTENDED

- 1. As Resource Person in 9th World Ayurveda Congress, Goa in the International Seminar on Medicinal Plant held on 10-11th December 2022.
- **2. One day Seminar** on "Isolation Techniques and Pharmacological Screening of Phytochemicals", organized by AISSMS College of Pharmacy, Pune, on 16th Oct 2014.
- **3. One day International Seminar** on "Pharmaceutical Dosage Form Design & Development: Challenges & Regulatory Constraints", organized by Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee, Nagpur in association of APTI, India, on 21st Dec 2013.
- **4. One day National Seminar** on "Current Trends in Formulation Development and Regulatory Affairs", organized by Department of Pharmaceutical Sciences R.T.M. Nagpur University, Nagpur, on 3rd Dec 2013.
- **5. One day National Symposium** on "Pre-clinical Evaluation for Drug Discovery: Current and Emerging Opportunties", organized by Department of Pharmaceutical Sciences R.T.M. Nagpur University, Nagpur, on 16th Mar 2013.
- **6. One day National Seminar** on "Novel Approaches in Drug Design" sponsored by R.T.M. Nagpur University, organized by Department of Pharmaceutical Sciences, Nagpur, on 12th Mar 2012.
- **7. One day National Seminar** on "Emerging Trends in Chromatography", organized by J.L.Chaturvedi College of Pharmacy, Nagpur, on 25th Feb 2012.
- **8.** AICTE Sponsored **one day National Seminar** on "PHYTOMEDICINE: Avenues and Challenges in Formulation Development", organized by Manoharbhai Patel College of Pharmacy, Gondia held on 07th Jan 2012.
- **9. One day National Seminar** on "Current Trends in Novel Research & Art of Scientific Writing" sponsored by JMSS organized by Agnihotri College of Pharmacy, Sindhi, Wardha, on 06th Dec 2011.
- **10. One day National Seminar** on "**IPR on Pharmaceuticals**" sponsored by NIIPM and organized by Sharad Pawar College of Pharmacy, Nagpur on 23rd Sep 2011.

PERSONAL PROFILE

Permanent Address:Plot No. 74A, Beside Borgaon Masjid, Kamruddin Layout, Gorewada
Road, Borgaon, Jafarnagar, Nagpur-13 (MS) IndiaDate of Birth: 06- November 1983Gender: MaleLanguages known: English, Hindi, Marathi, Urdu.

REFERENCES

Dr. P. R. Itankar Professor, Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur-33

I, the undersigned, certify that all the information provided by me is true to the best of my knowledge and belief.

Date: 30/01/2024

Place: Nagpur

(Mohd.Tauqeer s/o Mohd.Akram)