

Curriculum Vitae

Zamir Khan Gaffar Khan

M.Pharma. (Pharma. Chemistry)

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Maharashtra State Pharmacy Council Registration No.: 135023



Career Objective

To secure an entry level position in an organization of distinct where I can satisfy my hunger for knowledge & procure more so as to excel my professional skills, So that I can be a competent asset for organization

Academic Profile

Sr no.	Examination	College	Board/Uni	%Marks	Remark	Year
1.	M.Pharm	RCPIPER,Shirpur	N.M.U.	77.30	Distinction (Gold medalist)	2014
2.	B.Pharm	RCPIPER,Shirpur	N.M.U.	81.66	Distinction (Gold medalist)	2012
3.	H.S.C.	KNV,Bhusawal	Nashik	76.67	Distinction	2008
4.	S.S.C.	Dr.ZHUHSchool,Ya wal	Nashik	87.33	Distinction	2006

Academic Experience

Working As Assistant Professor at H. R. Patel Institute of Pharmaceutical Education and Research Shirpur Dist Dhule (M.S) 425 405 since 19th August 2014.

Computer Operandi

- Operating System: Windows 7, 8, 10.
- Office tools: MS PowerPoint, MS word, MS excel

Analytical Instruments Operandi

UV-Visible Spectrophotometer (Shimadzu), F T Infra-red Spectrophotometer (Shimadzu), HPLC (Shimadzu), HPTLC (Camag), pH meter, Conductometer, Refractometer, Polarimeter, Flame Photometer, Nephelo Turbidimeter etc

Project Work: (M. Pharm)

- Thesis Title: Development of RP-HPLC, HPTLC and UV-Visible Spectrophotometry Methods for Determination of Tadalafil in Bulk and Tablets.

Academic Achievement

- Awarded **Gold medal** at “North Maharashtra University, Jalgaon” for the first rank in **Master of Pharmacy (Pharmaceutical Chemistry)** Examination conducted by University in 2014.
- Awarded **Gold medal** at “North Maharashtra University, Jalgaon” for the first rank in **Bachelor of Pharmacy** Examination conducted by University in 2012.
- Qualified **GPAT 2013** with All India Rank **1868**.
- Qualified **GPAT 2014** with All India Rank **2635**.

Academic Excellence Awards

- Recipient of **Late Dr. A Fursule Excellence Award for being Topper in Medicinal Chemistry** (Third Year) at R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur
- Recipient of **M R Patel Excellence Award 2010-11** for securing First Rank at North Maharashtra University Jalgaon, in Third year B Pharmacy Examination during academic year 2010-11.
- Recipient of **R. C. Patel Excellence Award** for securing first rank and Gold medalist at North Maharashtra University Jalgaon in Final Year B Pharmacy Examination during 2011-12.
- Recipient of **R. C. Patel Excellence Award** for securing first rank at North Maharashtra University Jalgaon first rank at institute in First year M Pharm Examination during 2012-13

Industrial Work Experience (In plant Training)

- **Completed one month In Plant Training** (Production and QC department) at JCPL PHARMA PVT. LTD., Jalgaon (Maharashtra).

Annual Cultural Participation

- Participated in various cultural programmes on Annual Cultural Program during 2009-2014.
- Worked as **Coordinator** for Cultural Program during academic year 2016-17 and 2017-18.

Presentations/Seminars/ Conferences attended

1. Presented Poster on **“Resealed Erythrocytes as NDDS”** at Bombay College of Pharmacy in Rx Tech Festival 2011 conducted by Indian Pharmaceutical Association.
2. Participated in Two days National Level Seminar on Role of Communication skills in Pharmacy, held at R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur, on 21st and 22nd, March 2011.
3. Actively participated in poster session in National Seminar On **“Current Trends & Recent Advancements on Herbal Formulations”** at R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur conducted by Govt. of India, on 21st – 22nd Feb, 2012.
4. Participated in state level Orientation program –cum-competition at R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur on 23rd -24th Feb 2012.
5. Participated in National Conference on **“Trends in Chromatography & Spectroscopic Techniques”** at R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur on 06th Oct, 2012.
6. Participated in First Pharma HR Summit held at SMT. Kishoritai Bhoyar College of Pharmacy, Kamthi on 13th -14th Oct, 2012.
7. Participated in First Pharma Industry- Institute Interaction Summit held at R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur on 09th and 10th March 2013.

8. Actively participated in One Day National Seminar on **“Recent Advances in the Analytical Research”** at DCS’s A.R.A College of Pharmacy, Nagaon, Dhule. on 05th Oct, 2013.
9. Actively participated in Two Days **National Pharmaceutical Conference** as Delegate held at NMIMS, Shirpur on 10th & 11th January, 2014.
10. Participated in Three Days **International Pharmaceutical Conference** as Delegate held at NIRMA University, Ahmadabad on 23rd -25th January 2014.
11. Participated in **National Conference** on **“New Horizons in Pharmaceutical Education and Research”** held at Jamia Ali Allana College of pharmacy Akkalkua, Nandurbar on March 1st 2014.
12. Participated in **International Workshop on “Biopharmaceutics Classification systems in Drug Development: key issues and concerns”** at Hyderabad International Convention Centre, India on October 27th 2014.
13. **Presented poster at 19th Annual National Convention of Association of Pharmaceutical Teachers of India (APTICON 2014)** on “Emerging Trends in Pharmacy Profession and Education on 28th -30th November 2014.
Title: Analysis of Tadalafil using Derivative Spectrophotometry in Bulk Material and in Pharmaceutical Formulation
14. Attended **Third Global Sustainable Biotech Congress 2014** at R. C. Patel A S C College, Shirpur Dist Dhule on 1st to 5th December 2014
15. **Participated as Poster presentation Organizer**, North Maharashtra University, Jalgaon Sponsored **“Health care Delivery at Rural India: Need to Rejuvenate Healthcare System”** held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), 16th January 2015.
16. **Participated as Poster presentation Organizer** for Sci- Finder sponsored, one day national level seminar on **‘Innovative concepts and methodologies in pharmaceutical research ICMPR-1**, and ASOJ SOFT CAP PVT LTD BARODA Sponsored ASOJPHARMVENTION AWARD 2015, Research competition for undergraduates students held at H R Patel Institute Of Pharmaceutical Education And Research, Shirpur, 04th March 2015.

17. Participated in Library User Orientation Program held at H R Patel Institute Of Pharmaceutical Education And Research, Shirpur and received **BEST LIBRARY USER WARD-2015** on 30th Sept. 2015.
18. **Presented poster at 20th Annual National Convention of Association of Pharmaceutical Teachers of India (APTICON 2015)** on “Strategic approaches to strengthen Academic and industrial collaborations at Indore (M.P) on 09^h -11th October 2015.
Title: Estimation of lurasidone in bulk and formulation by first order derivative area under curve UV- spectrophotometric method
19. **Won prize in poster presentation from Medicine and Pharmacy Category at North Maharashtra University, Jalgaon Avishkar 2015, (District Level)** organized by R.C. Patel ACS College, Shirpur on 22nd November 2015.
Title: Formulation and Development of Antifungal Liquid Vaporizer – A Social Innovative Idea for Benefit of Community
20. **Won first prize in poster presentation from Medicine and Pharmacy Category at North Maharashtra University, Avishkar 2015, (University Level Research Convention)** organized by North Maharashtra University, Jalgaon during 22nd -23rd December 2015.
Title: Formulation and Development of Antifungal Liquid Vaporizer – A Social Innovative Idea for Benefit of Community
21. **Actively participated as Organiser Committee Member** for North Maharashtra University Sponsored, One day state level Seminar on “**Intellectual Property Rights , Patents: Present Need and Opportunities**” held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 23rd January 2016.
22. **Actively participated as Organising Committee Member for Department of Science and Technology (DST), Government of India Sponsored Five days “INSPIRE INTERNSHIP”** (Science Camp) held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), from 15th Feb – 19th Feb 2016.
23. **Participated as Organiser Committee Member** for North Maharashtra University Sponsored, **One day state level Seminar on “PREVENTING SUICIDE – A GLOBAL**

IMPERRIVE” held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 27rd February 2016.

24. **Participated as Organiser Committee Member** for Phoenix India Solution Sponsored one day national level seminar on **‘Innovative concepts and methodologies in pharmaceutical research ICMPR -2**, and **As Co Coordinator** for ASOJ SOFT CAP PVT LTD BARODA Sponsored PHARMVENTION AWARD 2016, Research competition for undergraduates students held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 19th March 2016.
25. **Actively participated as Organiser Committee Member** for Department of Science and Technology (DST), Government of India Sponsored Five days “INSPIRE INTERNSHIP” (Science Camp) held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), from 27th Sept – 01st Oct 2016.
26. **Actively participated** for one day national Conference on *structure interpretation of organic compounds* held at R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur, Dist Dhule (M. S), on 24th Sept. 2016.
27. **Actively participated (presented poster)** for two days national level seminar on *emerging trends in drug discovery and development* sponsored by Savitribai Phule Pune University held at S. S. Jain College of Pharmacy Chandwad on 21st and 22nd Oct. 2016. **Title:** Quantitative determination of lurasidone in bulk and Pharmaceutical formulation by first order derivative area under curve UV-spectrophotometric method.
28. **Won prize in poster presentation from Medicine and Pharmacy Category at North Maharashtra University, Jalgaon Avishkar 2016, (District Level)** organized Vidyavardhini Sabah’s Arts, Commerce and Science College, Dhule, on 3rd January 2016.
Title: Factorial Design for Optimization, Development and Validation of RP-HPLC Method to Estimate Tadalafil in Pharmaceutical Formulation
29. **Actively participated as Organiser Committee Member** for Maharashtra State Board of Technical Education Mumbai Organised State Level Technical Quiz Competition 2016-2017 conducted by H R Patel Institute of Pharmacy, Shirpur Dist Dhule (M.S) on 04th February 2017.

30. **Actively participated in Two Days Workshop on Personality Development “Junoon- 2017”** held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), from 20th and 21st Feb 2017.
31. Participated in **one day seminar** on “Instrumentation and Applications of HPLC in drug Analysis” organised by SES’s R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur on 09th September 2017.
32. **Actively participated in 09 Days Faculty Development Program for “Global Business Foundation Skills** “conducted by Infosys BPO Ltd. at Pune from 20th to 28th June 2017.
33. **Actively participated in poster presentation from Medicine and Pharmacy Category at North Maharashtra University, Jalgaon Avishkar 2017, (District Level)** organized by SPDM College Shirpur on 21st December 2017.
Title: Ecofriendly Graphene Aerogel Technology for Environmental Remediation.
34. **Actively participated as Organiser Committee Member** for Department of Science and Technology (DST), Government of India Sponsored Five days “INSPIRE INTERNSHIP” (Science Camp) held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), from 02nd Jan to 06th January 2018.
35. **Participated in Stress free management workshop**, Sponsored by North Maharashtra University, organised by R C Patel Arts Sci. Comm. College, Shirpur on 22nd February 2018.
36. **Participated as Organiser Committee Member** for one day national level seminar on **Innovative concepts and methodologies in pharmaceutical research ICMPR -3**, and PHARMVENTION AWARD 2018, Research competition for undergraduates students held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 10th March 2018.
37. Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Sponsored One Day National Conference on “**A Global Perspective on Pharmaceutical IPR: Challenges and Potential**” organized by SES’s R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur on 08th September 2018.
38. **Actively participated in poster presentation from Medicine and Pharmacy Category at North Maharashtra University, Jalgaon Avishkar 2018, (District**

Level) organized by R C Patel Arts Commerce Science College Shirpur on 26 December 2018. **Title:** Fabrication of Luminescent Graphene Quantum Dots (GQDs) from Carbonized Citric Acid: Assessment of processing parameters.

39. Participated at **Dhule District Level Inter Collegiate Yuthfestival 2018-19** as **Team Manager** organized by Student Development Department, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon and SMT. Narmadabai Nago Chaudhari Arts Commerce and Science College Kusumba at Kusumba on 04th February 2019.
40. Participated in a blended mode workshop on '**Moodle Learning Management System**' training was organized by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India held at the R. C. Patel Institute of Technology, Shirpur on 15th March 2019.
41. Participated in "**Entrepreneurship Development Program on How to start a Business, Finance and Project Report**" Sponsored by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon and organised by H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 12 March 2019.
42. Participated in **Student Election Council 2019 workshop** organised by Student Development Department, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, on 27 June 2019.

Papers published (Research/ Review)

1. **Zamir G. Khan**, Amod S. Patil, and Atul A. Shirkhedkar, Published Research paper "Estimation of Tadalafil Using Derivative Spectrophotometry in Bulk Material and in Pharmaceutical Formulation", **International Journal of Spectroscopy Volume 2014, Published 21 May 2014, 6 pages, (ISSN: 1687-9449)**.
2. **Khan Z. G.**, Bari S B, Surana S J and Shirkhedkar A. A, Published Review "A Review of Analytical Methods for Estimation of Tadalafil in Pharmaceutical Formulations",

Indian Drugs, Year 2015 March, Volume No. 52, Issue No. 3, Page No. 5 – 9, (ISSN: 0019-462X).

3. **Khan Z. G.**, Shirkhedkar A A, Bari S B “Estimation of lurasidone in bulk and formulation by First Order Derivative AUC UV Spectrophotometric method”, **International Journal of Pharmaceutical Sciences and Research, Scientific Proceeding APTICON 2015, page no. 602-604, (ISSN: 0975-8232)**
4. **Khan Z G**, Surana S J and Shirkhedkar A. A “Studies on HPTLC and RPHPLC methods for determination of tadalafil in pharmaceutical dosage form”, **Indian Drugs, January Year 2016, Volume No. 53, Issue No. 01, Page No. 38-46. (ISSN: 0019-462X)**
5. **Z G Khan**, SB Bari, DD Patil, “Lurasidone: A review of analytical methods for estimation in pharmaceutical formulation,” **International Journal of Life Sciences and Review, 29th Feb Year 2016, Volume No. 02, Issue No. 02, Page No. 17-22. (ISSN: 2394- 9864)**
6. B. Patil Prashant, K. More Rupesh, **Z G Khan**, “Process validation of Bethanechol Hydrochloride tablet 25mg,” **International Journal of Pharmaceutical, Chemical And Biological Sciences, June, 2016, Volume No. 06, Issue No. 02, Page No. 167-181. (ISSN: 2249- 9504)**
7. N M Bari, **Z G Khan**, D. D. Patil, “Analytical methodologies for determination of Methylcobalamin: An overview,” **Austin Journal of Analytical and Pharmaceutical Chemistry, 14th April, 2016, Volume No. 03, Issue No. 01, Page No. 01-06. (ISSN: 2381- 8913)**
8. Patil Prashant B, Nandwalkar Rahul K, **Khan Zamir G**. Prospective Process Validation Study of Nifedipine Extended Release Tablets. **Inventi Rapid: Pharm Analysis & Quality Assurance**, 2016(3):1-7, 2016. [ISSN 0976-3813]
9. Patil Prashant B, Nandre Atul N, Bari Sanjay B, **Khan Zamir G** , Concurrent Process Validation Study of Cilnidipine and Chlorthalidone Tablets. **Inventi Rapid: Pharm Analysis & Quality Assurance**, 2016(4):1-7, 2016. [ISSN 0976-3813]
10. Donda, Shailesh T., Vishal B. Baviskar, Sanjay B. Bari, Prashant K. Deshmukh, Darshan S. Deore, Nayandip M. Girase, **Zamir G. Khan**, and PRAVIN O. PATIL. "Development and Validation of RP-HPLC Method for the Simultaneous Estimation

of Tramadol Hydrochloride and Dicyclomine in Bulk and Pharmaceutical Formulation." **Journal of the Chilean Chemical Society** 2016, 61,(2): 2852-2855.

11. **Khan Z. G.**, Patil S. S., Deshmukh P. K. and Patil P. O., Validated RP-HPLC Method For Determination Of Enzalutamide In Bulk Drug And Pharmaceutical Dosage Form, **INDIAN DRUGS** 2016, 53 (11): 46-50.
12. **Zamir G. Khan**, Shwetal S P, Prashant K D and Praveen O P, Validated UV Spectroscopic Methods for Determination of Enzalutamide in Pure and Pharmaceutical Dosage Form, **Analytical Chemistry: An Indian Journal, Research**, 2016;16(15):111-118 **ISSN 0974-7419**.
13. **Zamir G. Khan**, Bhavsar S. Vaidehi, Gujarathi N. Sarang, Gujarathi B. Shivam, Prashant B. Patil, Second Order Derivative Spectrophotometric Method for Estimation of Lurasidone in Bulk and Pharmaceutical Formulation, **Journal of PharmaSciTech**, **ISSN: 2231 3788 (Print) 2321 4376 (Online), Volume 7, Issue 1, 2017; 1-4**.
14. Prashant B Patil, Vivekanand K Chatap, Mahesh P More and **Zamir G. Khan**, Prospective Process Validation Study of Glibenclamide 2.5 mg Tablets, **Current Research in Pharmaceutical Sciences** 2018; 08 (02): 224- 223, ISSN: 2250 – 2688. DOI:10.24092/CRPS.2018.080201.
15. **Zamir G. Khan**, Sanjaykumar B. Bari, Sarang N. Gujarathi, Shivam B. Gujarathi, Prashant B. Patil, Azilsartan: A Review of Analytical Methods for estimation in Pharmaceutical Formulation, **Asian Journal of Pharmaceutical Analysis**, 2018, 08(04): 227-232, Asian Pharma Press, A and V Publications, ISSN Print : 2231-5667 ISSN Online :2231-5675.
16. Pravin O. Patil, Gaurav R. Pandey, Ashwini G. Patil, Vivek B. Borse, Prashant K. Deshmukh, Dilip R. Patil, Rahul S. Tade, Sopan N. Nangare, **Zamir G. Khan**, Arun M. Patil, Mahesh P. More, Murugan Veerapandian, Sanjay B. Bari, Graphene-based nanocomposites for sensitivity enhancement of surface plasmon resonance sensor for biological and chemical sensing: A review, DOI: <https://doi.org/10.1016/j.bios.2019.111324>, Article Number: 111324, Reference: BIOS 111324, **Biosensors and Bioelectronics (12 May 2019)**.

Book / Chapters in Book

- Pravin O Patil, Mahesh P More, **Zamir G Khan**, Rahul S Tade, Prashant K Deshmukh, Ashwini G Patil, Sanjay B Bari, "Antibody-Mediated Diagnosis of Biomolecules." *Nanobiosensors for Biomolecular Targeting* (26 Oct 2018): 165. **Publisher:** Elsevier, **ISBN:** 978-0-12-813900-4.

Organized Workshop/Seminar/Conference as Coordinator

1. **Rx Technical Poster Presentation Competition 2017** on “**World Pharmacist Day**”, held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 25th September 2017.
2. **One Day Personality Development Workshop** (for girls) under Yuvati Sabha sponsored by North Maharashtra University, Jalgaon, held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 05th October 2017.
3. **One week Self-defence Workshop** (for girls) under **Yuvati Sabha** sponsored by North Maharashtra University, Jalgaon, held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 29th January 2018 to 05th February 2018.
4. **Rx Technical Poster Presentation Competition 2018** on “**World Pharmacist Day**”, held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 25th September 2018.
5. **One Day National level workshop on Self-defence: A basic need for women of all ages** sponsored by Maharashtra State Government: **Maharashtra State Commission for Women** held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 21st September 2018.
6. **One Day Personality Development Workshop** (for girls) under **Yuvati Sabha** sponsored by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 12th October 2018.
7. **One week Self-defence Workshop (for girls)** under Yuvati Sabha sponsored by North Maharashtra University, Jalgaon, held at H. R. Patel Institute of

Pharmaceutical Education & Research, Shirpur (Dhule), on 01st February 2019 to 08th February 2019.

Grant Received

Received 50,000/- INR from Maharashtra State Government: **Maharashtra State Commission for Women** to Organize **One Day National level workshop on Self-defence: A basic need for women of all ages** held at H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur (Dhule), on 21st September 2018.

Talk delivered (Guest Lecture)

Delivered talk as **Guest lecture on topic "Stereochemistry"** at Gangamai College of Pharmacy, Nagaon, Dhule on 20th February 2017.

Evaluator (Judge)

Actively participated as an Evaluator for **Science Exhibition Competition 2017**, organized by **R. C. Patel Jr. College of Science Ganesh Colony Shirpur**, on 24th January 2017.

Guided Minor Projects

- Pharmaceutical Analytical Techniques.
- Surveillance of anti microbial Drug resistance in disease specific programmes.
- Solubility enhancement: A need for poorly water soluble drugs.
- Modification of gums- a review.
- The most common diseases causing death worldwide.
- Different Systems of Medicine used for treatment of skin diseases.
- Diabetes Mellitus: Effective treatment and management.
- Leprosy: a new look at an old disease: A Review
- Synthesis of Graphene Quantum Dots from Egg-shell
- Preparation and characterization of curcumin loaded Gelatin nanoparticles by two step desolvation method

Professional body Membership

- **Life member for Association of Pharmaceutical Teachers of India (APTI) having Unique Membership Id is MA/LM-2236.**
- **Life Member SPER/LM/MH/086, Maharashtra State, Society Of Pharmaceutical Education And Research (SPER),**
- **By Approval Of Central Executive Council (CEC) Has Elected As Joint Secretary, Maharashtra State, Society Of Pharmaceutical Education And Research (SPER), of The Society For Cultivation And Promotion Of The Study And Practice Of Pharmaceutical Sciences Education And Research from 05th October 2015.**

Community and Social Work

- I have donated Blood during Several Blood donation camp during 2012-2016.

Personal Profile

- **Name** : Zamir Khan Gaffar Khan
- **Permanent Address:**
C. S. No. 20/1-A, Plot No. 08, Ganesh Colony,
Shirpur 425 405, District Dhule
Maharashtra, India
- **Date of Birth:** 27th December 1990
- **Languages known:** English, Hindi & Marathi

Declaration

I hereby declare that the information furnished above is true to best of my knowledge.

Date: 09 August 2019

Place: Shirpur

faithfully yours

Zamir G. Khan