

BIO-DATA



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- 3. Institution:** Institute of Pharmacy,
Bundelkhand University, Jhansi (U.P.)
- 4. Date of Birth:** 02.09.1979
- 5. Gender:** Male
- 6. Category:** General
- 7. Whether differently abled:** No
- 8. Academic Qualification (Undergraduate Onwards)**

S. No.	Degree	Year	Subject	University	% of marks
1.	B. Pharm.	2005	Medicinal Chemistry, Pharmaceutics, Pharmacognosy Pharmacology, Pharmaceutical analysis	Kumaun University, Nainital (U.K.)	69.24
2.	M. Pharm.	2007	Pharmaceutical Chemistry, Pharmaceutical analysis, Computer and Maths	Bundelkhand University, Jhansi (U.P.)	76.20

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award

Title of Ph. D. thesis: Synthesis and Pharmacological screening of some novel benzotriazole derivatives.

Guide Name: Dr. Poonam Rishishwar

University: Monad University, Hapur (U.P.)

Year of Award: 2019

10. Work experience:

S. No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Assistant Professor	Institute of Pharmacy	2007	Till date	--

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant

S. No.	Name of Award	Awarding Agency	Year
1.	Best paper presentation award	Q.I.P. Nodal cell, Jadavpur University, Kolkata	2010
2.	First prize in oral presentation on the topic "Green chemistry and its application"	Institute of Pharmacy, Bundelkhand University, Jhansi	2010
3.	GATE Qualification (94.85 percentile)	I.I.T. Kharagpur	2006

12. Publications:

(a) List of papers published in **SCI Journals (Web of Science)**, in year wise descending order:

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	K.P.Namdeo, V. K. Singh and S.K.Prajapati	Synthesis of some 2-(substituted)-5-[(N-benzotriazolomethyl)-1,3,4-thiadiazolyl]-4-thiazolidinones for their antifungal activity	Indian Journal of Pharmaceutical education and research ISSN: 0019-5464	43 (3)	266-270	2009
2.	Gautam, A.K. Jain, Kuldeep Singh, Jagbir and V. K. Singh	Synthesis and biological screening of 2,5-disubstituted 1,3,4-oxadiazole derivatives	Bioscience, Biotechnology Research Asia ISSN: 0973-1245	4 (1)	325-328	2007

(b) List of papers published in **Scopus/EMBASE (Elsevier)** Journals, in year wise descending order:

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	V. K. Singh, Poonam Rishishwar, Peeyush Bharadwaj and Shashi Alok	Synthesis and anticonvulsant activity of some novel benzotriazole derivatives	International Journal of Pharmaceutical Sciences and Research E-ISSN: 0975-8232; P-ISSN: 2320-5148	11 (1)	352-357	2020
2.	V. K. Singh, Poonam Rishishwar, Peeyush Bharadwaj and Shashi Alok	Benzotriazole: a heterocyclic molecule with diversified pharmacological activities	International Journal of Pharmaceutical Sciences and Research E-ISSN: 0975-8232; P-ISSN: 2320-5148	8 (2)	446-456	2017
3.	S. K. Deivedi, V. K. Singh	Synthesis and antimicrobial	International Journal of Pharmaceutical Sciences	2 (6)	1495-1501	2011

	and D.C.P Singh	activity of N-{4- [(6-chloro-4- oxo-4H- chromen-3-yl- methylene)- imino]phenyl}- 2-(substituted phenoxy acetamide) derivatives	and Research E-ISSN: 0975-8232; P-ISSN: 2320-5148			
4.	S. K. Jiwane, V. K. Singh, K. P. Namdeo and S. K. Prajapati	Synthesis of some novel 2,4- thiazolidinedione derivatives and their biological screening as Antidiabetic agents	Asian Journal of Chemistry ISSN: 0970-7077	21 (7)	4969- 4796	2009
5.	Ambuj Singh, S. K. Prajapati, K.P. Namdeo, V. K. Singh and S. K. Verma	Synthesis and antimicrobial activity of some Quinazolinone derivatives	Biomedical and Pharmacology Journal ISSN: 0974-6242	1 (1)	195-200	2008
	S. K. Verma, R. Irchhiaya, K. P. Namdeo, V. K. Singh, S. Khurana and A. Singh	Synthesis and antimicrobial activity of some pyridazinone derivatives	Biomedical and Pharmacology Journal ISSN: 0974-6242	1 (1)	213-218	2008

(c) List of papers published in **Open Source Journals**, in year wise descending order:

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Singh V.K., Rishishwar P., Bhardwaj P.	Synthesis and anxiolytic activity of 2- (substituted)- 5-[(N- benzotriazolo- methyl)- 1,3,4- thiadiazolyl]- 4- thiazolidinone	Drug Designing & Intellectual Properties International Journal ISSN: 2637-4706	1 (1)	16-21	2018
2.	Prajapati S.K., Richhaiya R, Singh V .K., Singh A. K., Kumar S, Chaudhary R. K.	Formulation and evaluation of once daily sustained release matrix tablet of	Journal of Drug Delivery and therapeutics ISSN: 2250-1177	2 (1)	16-24	2012

		Aceclofenac using natural gums				
3.	Vijay Yadav, Vimal Yadav, S. K. Jain, V. K. Singh and S. K. Prajapati	Phytochemical analysis and comparative anticonvulsant activity of <i>Celastrus paniculatus</i> Willd. MES induced seizure in mice.	Asian Journal of research in chemistry ISSN: 0974-4169	5 (1)	83-86	2012

13. Detail of patents:

One patent filed on the topic 'SYNTHESIS OF 2-BENZYL BENZO[d] THIAZOLE-6-SULFONAMIDE DERIVATIVES AS POTENTIAL ANTI-INFLAMMATORY AGENT' in Australian patent (AusPat).

Application no. 2021104914; Date of filling: 04.08.2021

14. Book and book chapters:

S. No.	Title	Author's Name	Publisher	Publication Year
1.	Novel Approaches for Drug Delivery', Chapter-14: Application of Nanoparticles as a Drug Delivery System	Vijay Kumar Singh & Raj K. Keservani	IGI global publisher, Hershey, Pennsylvania, USA	2016
2.	Synthesis and Antimicrobial Activity of Benzotriazole Derivatives: Concept, synthesis and structural analysis	Vijay Kumar Singh, U. K. Sharma & Shobhit Singh	LAP Lambert Academic Publishing SBN-10 : 3845432756 ISBN-13 : 978-3845432755	2012

15. Invited lecture as resource person:

S. No.	Title	Year
1.	In Bundelkhand University Research cell on the topic "Spectroscopic techniques and its application" to Ph.D. course work scholars.	2018
2.	In UGC funded STRIDE programme on the topic "Principle, Mechanism of Action and Applications of AAS, Multimode Plate Reade, NMR, and Mass Spectrometry" at innovation centre of Bundelkhand University.	2020
3.	In UGC funded STRIDE programme on the topic "Field Safety Measures" at innovation centre of Bundelkhand University.	2020

4.	In UGC funded STRIDE programme on the topic “HPLC, NMR, IR, Mass Spectroscopy, GC-MS & FTIR” at innovation centre of Bundelkhand University.	2021
5.	In UGC funded STRIDE programme on the topic “Field Safety Measures” at innovation centre of Bundelkhand University.	2021

16. Paper presented in National conferences/seminars:

S. No.	Title	Year
1.	National seminar on Emerging trends in future of pharmacy in 2020 on the topic “Green chemistry and its application”	2010
2.	National conference on Ethnopharmacology and Biotechnology in drug development: Prospects and challenges on the topic “New chemical entities (NCE’s): Concept, synthesis and identification”	2014
3.	National conference on Medicinal plants: Diversity, conservation, therapeutic potential and human welfare on the topic “HPLC: Method Validation techniques for herbal drugs”	2015
4.	National conference on Recent advances in Pharmacovigilance in drug discovery and development on the topic “Synthesis and antianxiety activity of some novel benzotriazole derivatives”	2019

17. Paper presented in International conferences/seminars:

S. No.	Title	Year
1.	International conference on science, technology and social humanities (ICSTSH) on the topic “Synthesis and pharmacological screening of some new benzotriazole derivatives”	2018
2.	International conference on Advances in Engineering, Pharmaceutical and Applied sciences on the topic “Synthesis and anxiolytic activity of 2-(substituted)-5-[(N-benzotriazolomethyl)-1,3,4-thiadiazolyl]-imidazole-2-thione”	2019

18. Workshops / Refresher course / FDP attended:

S. No.	Title	Year
1.	Two week refresher course of AICTE on “Progress in Pharmaceutical research and technology” conducted by QIP nodal cell (Pharmacy), Department of Pharmaceutical technology, Jadavpur University, Kolkata.	2008
2.	Two days training program on “Dionex Ultimate 3000 HPLC system” organised by Dionex India Pvt. Ltd., Navi Mumbai.	2009
3.	Two week refresher course of AICTE on “Drug, disease and drug delivery systems” conducted by QIP nodal cell (Pharmacy), Department of Pharmaceutical technology, Jadavpur University, Kolkata.	2010
4.	One week UGC networking training course on “Current trends in Pharmaceutical analysis and medicinal chemistry” organised by University institute of Pharmaceutical sciences, Panjab University, Chandigarh.	2011
5.	One day workshop on “Analytical techniques for the identification of formulations,	2011

	isolated compounds and synthesized derivatives ” organised by Institute of Pharmacy, Bundelkhand University, Jhansi	
6.	Seven day workshop on “Research Methodology” organised by IQAC, Bundelkhand University, Jhansi	2014
7.	One day workshop on “Uses of Turnitin and iThenticate” organised by iGroup infotech India Pvt. Ltd.	2014
8.	Seven day faculty development program on “Stress management and skills to improve productivity” organized by DreamUny group held at Bundelhand University, Jhansi.	2014
9.	One day workshop on “How to write and publish scientific articles and manuscripts” organised by Springer Nature and Bundelkhand University, Jhansi	2017
10.	One week faculty development program on “Research and publication ethics and IPR and Patenting” organised by Innovation centre, Bundelkhand University under UGC-STRIDE programme.	2020
11.	Four week online FDP (MOOC) on “Effective use of ICT tools in Teaching-learning” organised by Modern college of pharmacy in association with APTI.	2020
12.	Six day e-FDP on “Teachers and Ethics: Balance in Research, Teaching, Socio-professional values and attitude” organised by Sir M. S. Gosavi College of Pharmaceutical education and research, Nashik.	2020

19. Session chaired in conferences:

S. No.	Title	Year
1.	Chairing a session on "Physicochemical Studies for the Identification of Heavy Metals in Soil, Water and Plant Samples and their Phytoextraction" in the 2nd National Conference on Recent Trends in Trans-disciplinary Research for Socioeconomic Development of India organized by Innovation Centre, Bundelkhand University, Jhansi under UGC-S T R I D E programme.	2021

Summary:

Myself Dr. V. K. Singh is an academician and researcher having work experience more than 14 years in medicinal and analytical chemistry with sophisticated instruments like U.V., FT-I.R., HPLC, GC-MS and AAS along with their data interpretation.

Dated: 27.01.2022

Dr. Vijay Kumar Singh