CURRICULUM VITAE

Dr. Vikram Jeet Singh,
Assistant Professor
Department of Pharmaceutical Sciences,
Guru Jambheshwar University of Science and Technology,
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PERSONAL DETAILS

- Date of Birth: 6th December 1982
- Father's Name: Sh. Partap Singh
- Nationality: Indian
- Marital Status: Married

EDUCATIONAL QUALIFICATIONS

Exam.	Year	Institution	Board/Univ.	% marks	Class
Ph.D.	May 2012	Department of Pharmaceutical Sciences	Guru Jambheshwar University of Science and Technology, Hisar	-	-
M. Pharm.	May 2007	Department of Pharmaceutical Sciences	Guru Jambheshwar University of Science and Technology, Hisar	71.76	Ist
GATE	2007	IIT, Kanpur	------		288 (GATE Score)
B. Pharm.	May 2005	Baba Ishar Singh College of Pharmacy, Kot-Ise-Khan, Moga, Punjab	Punjab Technical University, Jalandhar	70.69	Ist
10+2	March 2001	OSDAV Public School, Kaithal	CBSE, New Delhi	68.60	Ist
Matric	March 1998	DAV Public School, Ambala City	CBSE, New Delhi	70.80	Ist

PROFESSIONAL EXPERIENCE

Period	Position	Institute/Organisation
Aug. 2007 – Feb. 2008	Lecturer	Akal College of Pharmacy and Technical Education, Sangrur, Punjab
March2008–Aug. 2011	Research Scholar	Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology, Hisar, Haryana
1stSep. 2011 – 23rdJuly 2014	Assistant Professor	JCDM College of Pharmacy, Sirsa, Haryana
23rdJuly 2014	Assistant	Department of Pharmaceutical Sciences, Guru

onwards	Professor	Jambheshwar University of Science and Technology, Hisar, Haryana

AWARDS RECIEVED

- Awarded with **Sir C.V. Raman Fellowship** by Department of Technical Education, Govt. of Haryana to carry out the Ph.D. research work.

M. PHARM. DISSERTATION

- Synthesis, antimicrobial, QSAR & preservative evaluation of sorbic acid derivatives.

Ph.D. DISSERTATION

- Syntheses and antimicrobial activity of potential medicinal compounds.

AREAS OF RESEARCH WORK

- Synthetic medicinal chemistry
- QSAR studies and Molecular Modeling
- Antimicrobial activity, Antidiabetic activity, Anti-inflammatory activity

GRANTS AND FUNDINGS

- Awarded with **International Travel Grant** by **Science and Engineering Research Board, Department of Science and Technology, Govt. of India** to participate in**247th ACS National Meeting & Exposition, Dallas, Texas (USA), 16th -20th March 2014.**
- Completed three **Minor Research Projects**

S. No.	Details	Amount	Role	Session
1	Minor Research Project "**3-Hydroxy-2-naphthoic acid derivatives: Synthesis and biological evaluation**" awarded by GJUST, Hisar	Rs. 1,10,000/-	PI	2021-22
2	Minor Research Project "**Synthesis and biological evaluation of some newer 3-substituted benzamide derivatives**" awarded by GJUST, Hisar	Rs. 3,20,000/-	PI	2019-21
3	Minor Research Project "**Synthesis, antimicrobial and antidiabetic evaluation of some newer sulfonamide derivatives**" awarded by GJUST, Hisar	Rs. 55,000/-	PI	2015-16

- One **major research project** under progress

S. No.	Details	Amount	Role	Session	Status
1	Major Research Project "Design and development of electrospun fibers formulation for drug delivery applications" awarded by HSCSIT, Panchkula	Rs. 40,00,000	Co-investigator	2023-26	Ongoing

RESEARCH GUIDANCE

Degree	Awarded	Thesis submitted	In progress
Ph.D.			
	01	**00**	**02**
P.G. Dissertation (M. Pharm.)			
	20	**00**	**03**

MEMBER OF ORGANIZING COMMITTEE

- **Course Coordinator** for UGC sponsored Two Weeks Offline Interdisciplinary Refresher Course on "Advanced Instrumentation Techniques" (Chemical Sciences, Life Sciences, Pharmaceutical Sciences and Physical Sciences held from **21.11.2024 to 04.12.2024** at Malaviya Mission Teacher Training Centre (MMTTC), Guru Jambheshwar University of Science & Technology, Hisar, Haryana
- International Conference on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) held on 20-21 March 2024.
- International Conference on Global Challenges in Food, Environment, and Biotechnology for Sustainable Development held on 21-23 February 2024.
- 25th International Conference (CONIAPS XXV) Physical and biological sciences at cross-roads: Interdisciplinary explorations and exciting challenge held on December 29th – 31st 2019.
- Science Conclave 2019 and 2022.
- Organizing Secretary for the AICTE sponsored International Seminar held at JCDM College of Pharmacy, Sirsa in September 2012.

PUBLICATIONS BOOKS AND CONFERENCE PRESENTATIONS

No. of Publications: Total = 59 (Scopus Indexed= 50)

Research articles: 53

Review articles: 06

No. of conference presentations: 21

Books: 01

H-index: 20 **i10 index: 35** **Citations: 1612**

KEY PUBLICATIONS

S. No.	Publication Details	ISSN	Impact Factor
1	Rashmi Sharma, Vikramjeet Singh, Munish Ahuja, Evaluation of Modified Guar Gum as Polymer for Electrospun Nanofibrous Film, **Polymers for Advanced Technologies,** 36, 2025, e70062	1099-1581	**3.1**
2	Pooja Nain, Vikramjeet Singh, Vinay Kant, Munish Ahuja, Current status of 1,4-Naphthoquinones and their derivatives for wound healing, **European Journal of Medicinal**	2772-4174	**4.0**

	Chemistry Reports, 2024 (Accepted for publication)		
3	Atul Kaushik, Rimpy Pahwa, Rashmi Sharma, Vikramjeet Singh, Munish Ahuja, Formulation Optimization of Metformin-loaded Propyl Moringa Gum Beads, **Journal of Pharmaceutical Innovation**, 19, 85, 2024	1939-8042	**2.7**
4	Kumar A, Backer N, Paliwal H, Singh AK, Debbaraman T, **Singh V**, Kumar P, Synthesis and anticancer evaluation of diaryl pyrido[2,3-d]pyrimidine /alkyl substituted pyrido[2,3-d]pyrimidine derivatives as thymidylate synthase inhibitors. **BMC Chemistry**, 2024, in press.	2661-801X	**4.6**
5	Samridhi Thakral, Alka Yadav, **Vikramjeet Singh**, Manoj Kumar, Pradeep Kumar, Rakesh Narang, Kalvatala Sudhakar, Amita Verma, Habibullah Khalilullah, Mariusz Jaremko, Abdul-Hamid Emwas, Alzheimer's disease: Molecular aspects and treatment opportunities using herbal drugs, **Ageing Research Reviews**, 88, 2023, 101960.	1872-9649	**13.10**
6	Shikha Kamboj, Samridhi Thakral, Sunil Kumar, and Vikramjeet Singh, Synthesis, biological evaluation and in silico studies of 3-hydroxy-N-(2-(substituted phenyl)-4-oxothiazolidin-3-yl)-2-napthamide derivatives, **Chemistry & Biodiversity,** 2023, 20(6), e202200976	1612-1880	**2.9**
7	Thakral S, Singh A, and **Singh V** In vitro and in silico evaluation of N-(alkyl/aryl)-2-chloro-4-nitro-5-[(4-nitrophenyl)sulfamoyl]benzamide derivatives for antidiabetic potential using docking and molecular dynamic simulations, **Journal of Biomolecular Structure and Dynamics**, 2022, 40(9), 4140-4163	1538-0254	**4.4**
8	D Tiwari, R Narang, K Sudhakar, **V Singh**, S Lal, M Devgun, 1, 3, 4-Oxadiazole derivatives as potential antimicrobial agents **Chemical Biology & Drug Design** 2022, 100 (6), 1086-1121	1747-0285	**3.0**
9	N Kamra, S Rani, S Thakral, A Singh, PL Sangwan, SK Singh,S Thakral, **V Singh**, D Kumar, Synthesis, biological activity and molecular docking studies of heterocyclic chalcones, **Chemistry & Biodiversity 2022,** 19, e202200560	1612-1880	**2.9**
10	D Kumar, S Thakral, S Thakral, **V Singh**, AM Nagesh, S Verma, D Pandey, Synthesis and biological evaluation of 2-(halophenyl) benzoxazole-5-carboxylic acids as potential anti-inflammatory and cytotoxic agent with molecular docking studies, **Chemistry & Biodiversity** 2022, 19, e202200489	1612-1880	**2.9**
11	Kumar M, Kumar V, Thakral S, and **Singh V** Synthesis, in silico studies and biological screening of (E)-2-(3-(substitutedstyryl)-5-(substitutedphenyl -4,5-dihydropyrazol-1-yl) benzo[d] thiazole derivatives as an anti-oxidant, anti-inflammatory and antimicrobial agents, **BMC Chemistry** 2022, 16, 103.	2661-801X	**4.6**
12	Kamra, N., Rani, S., Kumar, D., Singh, A., Sangwan, P.L., Singh, S.K., Thakral, S. and **Singh, V.**, Synthesis, biological evaluation and docking studies of quinoline pyrazolyl-chalcone hybrids as anticancer and antimicrobial agents. **Chemistry Select**, 2021, *6*(42), 11822-11831	2365-6549	**2.1**
13	Khatkar P, Ahlawat A, **Singh V**, Asija S, Synthesis,	1563-	**1.3**

	characterization, in vitro antimicrobial, DNA binding activity and QSAR studies of diorganotin(IV) complexes of Schiff bases derived from 2-benzoyl-1H-indene-1,3(2H)-dione and 4-substituted benzoic acid hydrazides, **Phosphorus, Sulfur, and Silicon and The Related Elements,** 2021, 196 (2), 133-145	5325	
14	Thakral S, Narang R, Kumar M, and **Singh V** Synthesis, molecular docking and molecular dynamic simulation studies of 2-chloro-5-[(4-chlorophenyl) sulfamoyl]-N-(alkyl/aryl)-4-nitrobenzamide derivatives as antidiabetic agents, **BMC Chemistry**, 2020, 14: 49	2661-801X	**4.6**
15	Khatkar P, Ahlawat A, **Singh V**, Asija S, Synthesis, Characterization, in vitro antimicrobial and QSAR studies of diorganotin(IV) complexes of Schiff bases derived from 2-(3-methylbutanoyl)-1H-indene-1,3(2H)-dione and 4-substituted anilines, **Monatshefte für Chemie - Chemical Monthly**, 2019, 150 (2), 207-218.	1434-4475	**1.8**
16	Thakral S and **Singh V**, 2,4-Dichloro-5-[(N-aryl/alkyl)sulfamoyl] benzoic acid derivatives: In vitro antidiabetic activity, molecular modeling and In silico ADMET screening, **Medicinal Chemistry** 2019, 15 (2), 186-195.	1875-6638	**2.33**
17	Ahlawat A, Khatkar P, **Singh V**, Asija S, Diorganotin(IV) complexes of Schiff bases derived from salicylaldehyde and 2-amino-6-substitutedbenzothiazoles: synthesis, spectral studies, in vitro antimicrobial evaluation and QSAR studies, **Research in Chemical Intermediates**, 2018,44 (7), 4415-4435.	1568-5675	**2.59**
18	Kumar A, Grewal AS, **Singh V**, Narang R, Pandita D, and Lather V, Synthesis, antimicrobial activity and QSAR studies of some new sparfloxacin derivatives, **Pharmaceutical Chemistry Journal**, 52 (5), 2018, 444-454.	1573-9031	**0.87**
19	Ahlawat A, **Singh V**, Asija S, Synthesis, characterization, antimicrobial evaluation and QSAR studies of organotin(IV) complexes of schiff ligands of 2-amino-6-substituted benzothiazole derivatives, **Chemical Papers**, 2017,71, 2195-2208.	2585-7290	**2.08**
20	Singh R, Lather V, Pandita D, Judge V, Arumugam KN and Grewal AS, Synthesis, docking and antidiabetic activity of some newer benzamide derivatives as potential Glucokinase activators, ***Letters in Drug Design and Discovery,*** 2017, 14(5), 540-553.	1875-628X	**1.03**
21	Malhotra R, Ravesh A, **Singh V**, Synthesis, characterization, antimicrobial activities and QSAR studies of organotin(IV) complexes, **Phosphorus, Sulfur, and Silicon and The Related Elements**, 2017, 192 (1), 73-80.	1563-5325	**1.3**
22	Arora P, Narang R, Nayak SK, Singh SK, **Judge V**, 2,4-Disubstituted thiazoles as multitargated bioactive molecules, ***Medicinal Chemistry Research*** 2016, 25 (9), 1717-1743.	1554-8120	**2.6**
23	**JudgeV**, Narasimhan B, Ahuja M, Sriram D, Yogeeswari P, De Clercq E, Pannecouque C, Balzarini J, Synthesis, antimycobacterial, antiviral, antimicrobial activity and QSAR studies of N_2-acyl isonicotinic acid hydrazide derivatives,	1875-6638	**2.33**

	Medicinal Chemistry, 2013, 9, 53-76.		
24	**Judge V,** Narasimhan B, Ahuja M, Isoniazid: The magic molecule ***Medicinal Chemistry Research*** 2012, 21(12), 3940-3957.	1554-8120	**2.6**
25	Kumar D, **Judge V**, Narang R, Kumar D , Narasimhan B, Antimicrobial evaluation of 4-methylsulfanyl benzylidene/ 3-hydroxy benzylidene hydrazides and QSAR studies, ***Medicinal Chemistry Research*** 21(7), **2012**, 382-394.	1554-8120	**2.6**
26	**JudgeV**, Narasimhan B, Ahuja M, Topological models for the prediction of antimycobacterial activity of 4-(5-substituted-1,3,4-oxadiazol-2-yl)pyridines, ***Medicinal Chemistry Research*** 21(3), **2012**, 1363-1375.	1554-8120	**2.6**
27	**JudgeV**, Narasimhan B, Ahuja M, Sriram D, Yogeeswari P, De Clercq E, Pannecouque C, Balzarini J, Isonicotinic acid hydrazide derivatives: synthesis, antimicrobial activity and QSAR studies, ***Medicinal Chemistry Research*** 21(7), **2012**, 1451-1470.	1554-8120	**2.6**
28	**Judge V**, Narasimhan B, Ahuja M, Sriram D, Yogeeswari P, De Clercq E, Pannecouque C, Balzarini J, Synthesis, antimycobacterial, antiviral, antimicrobial activity and QSAR studies of isonicotinic acid-1-(substituted phenyl)-ethylidene/cycloheptylidene hydrazides, ***Medicinal Chemistry Research*** 21(8), **2012**, 1935-1952.	1554-8120	**2.6**
29	**Judge V**, Narasimhan B, Ahuja M, Sriram D, Yogeeswari P, Isonicotinic acid hydrazide derivatives: Synthesis, antimycobacterial, antiviral, antimicrobial activity and QSAR studies, ***Letters in Drug Design and Discovery,*** 2011, 8(9), 792-810.	1875-628X	**1.03**
30	Sarova D, Kapoor A, Narang R, **Judge V**, Narasimhan B, Dodecanoic acid derivatives: Synthesis, antimicrobial evaluation and development of one target and multi-target QSAR models, ***Medicinal Chemistry Research*** 20(6), **2011**, 769-781.	1554-8120	**2.6**
31	**Judge V**, Narang R, Sharma D, Narasimhan B, Kumar P, Hansch analysis for the prediction of antimycobacterial activity of ofloxacin derivatives, ***Medicinal Chemistry Research*** 20(7), **2011**, 826-837.	1554-8120	**2.6**
32	Kumar D, **Judge V**, Narang R, Sangwan S, Clerq E D, Balzarini J, Narasimhan B, Benzylidene/2-chlorobenzylidene hydrazides: Synthesis, antimicrobial activity, QSAR studies and antiviral evaluation, ***European Journal of Medicinal Chemistry*** 45, **2010,** 2806-2816.	1768-3254	**6.7**
33	Narasimhan B,Ohlan S, Ohlan R, **Judge V**, Narang R, Hansch analysis of veratric acid derivatives as antimicrobial agents, ***European Journal of Medicinal Chemistry,*** 44, **2009**, 689-700.	1768-3254	**6.7**
34	Sharma D, Narasimhan B, Kumar P, Narang R, **Judge V**, Clerq E D, Balzarini J, Synthesis, antimicrobial and antiviral evaluation of substituted imidazole derivatives, ***European Journal of Medicinal Chemistry,*** 44(6)**, 2009,** 2347-2353.	1768-3254	**6.7**
35	Kumar P, Narasimhan B, Sharma D, **Judge V**, Narang R, Hansch analysis of substituted benzoic acid benzylidene/furan-	1768-3254	**6.7**

	2-yl-methylene hydrazides as antimicrobial agents ***European Journal of Medicinal Chemistry,***44, **2009**, 1853-1863.		
36	Sharma D, Narasimhan B, Kumar P, Narang R, **Judge V**, Clerq E D, Balzarini J, Synthesis, antimicrobial and antiviral evaluation of substituted benzimidazole derivatives ***Journal of Enzyme Inhibition and Medicinal Chemistry*** 24(5), **2009**, 1161-1168.	1475-6374	**4.98**
37	Narasimhan B, Narang R, **Judge V**, Ohlan S, Ohlan R, Synthesis, antimicrobial and QSAR studies of substituted anilides, ***ARKIVOC***, xv, 2007, 112-126.	1551-7012 Online	**1.25**
38	Ohlan R, Ohlan S, **Judge V**, Narang R, Ahuja M, Narasimhan B, 2-(2,4-difluorophenyl)-1,3bis(1,2,4-triazol-1-yl)propan-2-ol Derivatives: Synthesis, Antifungal evaluation and QSAR studies by Hansch analysis, ***ARKIVOC,*** xiv, **2007**, 172-184.	1551-7012 Online	**1.25**
39	Narasimhan B, **Judge V**, Narang R, Ohlan S, Ohlan R, Quantitative structure activity relationship studies for prediction of antimicrobial activity of synthesized 2,4-hexadienoic acid derivatives, ***Bioorganic and Medicinal Chemistry Letters***, 17 (21), 2007, 5836-5845.	1464-3405 Online	**2.94**

MEMBERSHIP OF PROFESSIONAL BODIES

Associate Life Member of Indian Hospital Pharmacists Association, Membership No. **ALM-50571**(Indian Journal of Hospital Pharmacy).

Life Member of Association of Pharmaceutical Teachers of India, Membership No. **HA/LM-222**.

REVIEWER FOR INTERNATIONAL JOURNAL

International Journal of Biological Macromolecules (Elsevier)
Arabian Journal of Chemistry (Elsevier)
International Journal of Organic Chemistry
Carbohydrate Polymers (Elsevier)
Current Medicinal Chemistry (Bentham Science)
Chemical Biology and Drug Design (Wiley Interscience)
Chemistry Central Journal

STAFF DEVELOPMENT PROGRAMME / WORKSHOP PARTICIPATION

- Participated in AICTE sponsored two week Staff Development Programme at JCDM College of Pharmacy, Sirsa in June 2012.
- Participated in AICTE sponsored two week Faculty Development Programme at JCDM College of Pharmacy, Sirsa from 28th May 2013 – 10th June 2013.
- Participated in AICTE sponsored two week Faculty Development Programme at Bhupal Nobel's Institute of Pharmacy, Udaipur, Rajasthan from 16thSeptember 2013 – 28thSeptember 2013.
- Participated in **4 week** Orientation Programme in Human Resource Development Centre, Guru Jambheshwar University of Science and Technology, Hisar from 16-05-2015 to 13-06-2015.
- Participated in **3 week** Interdisciplinary Refresher Course on Research Methodology in Human Resource Development Centre, Guru Jambheshwar University of Science and Technology, Hisar from 24-11-2016 to 14-12-2016.

- Participated in one day workshop on "**Research Innovations and Intellectual property Rights: Strategies and Challenges for Commercialization**" organized by Intellectual Property Rights and Technology Commercialization Cell, Guru Jambheshwar University of Science and Technology, Hisar on February 21st, 2015.
- Participated in **3 day workshop** on "**Drug design, molecular docking, virtual screening and pharmacoinformatics**" at Centre for Pharmaceutical Sciences and Natural Products, Central University of Punjab, Bathinda from November 26-28, 2015.
- Participated in **one day workshop** on "**Handling and blood sampling of small laboratory animals**" organized by Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology, Hisar on March 2nd, 2016.
- Participated in one day workshop on "**Innovations and Intellectual property Rights**" organized by Intellectual Property Rights and Technology Commercialization Cell, Guru Jambheshwar University of Science and Technology, Hisar on March 9, 2016.
- Participated in 4 Days Short term hands on training course on "**Spectroscopic and chromatographic techniques"** organized by **CSIR- Central Scientific Instruments Oraganisation, Chandigarh** from November 27-30, 2017.

(Dr. Vikram Jeet Singh)