


Curriculum Vitae

Full Name:	Dr. Vijay Jyoti Kumar			
Designation	Associate Professor			
Department:	Department of Pharmaceutical Sciences			
Campus:	Srinagar/Chauras			
Communication Address	Department of Pharmaceutical Sciences HNB Garhwal University (A Central University), Chauras Campus, P.O. Kilkilleshwar, Via Kritinagar Distt. Tehri Garhwal, Pin-249161, Uttarakhand			
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Educational Qualification:	M. Pharm., Ph.D. Qualified GATE 1997			
Teaching Experience	More than 22 Yrs	Research Experience	More than 16 yrs	
Research Interest and Fields of Specialization				
Drug Delivery System Pharmaceutical Technology				
Administrative /Academic committees and responsibilities				
a. Head of the Department b. Convener Board of Studies. c. Member Academic Council. d. Member Admission Committee. e. Member Anti- Discriminating Committee. f. Member BOS/Faculty board of other Universities g. Assistant Dean Student Welfare from 2015 to 2022 h. Assistant Director (Ex), Faculty development Centre run by University under the scheme of PMMMNMTT i. Member of University Anti-Ragging committee j. Member (Ex) of IQAC, HNB Garhwal University k. Position held/Leadership role played in organizations linked with extension work and National service scheme (NSS) and NCC				
Membership of Scientific Organizations				
a. Life member of Indian Pharmaceutical Association. b. Life member of Association of Pharmaceutical Teachers of India. c. Registered Pharmacist at Himachal Pradesh Pharmacy Council, Shimla. d. Life member of Indian Pharmacy Graduate Association (IPGA, LM-2426).				
Research Supervision				
25 M. Pharm (Pharmaceutics) 03 (Enrolled / Registered) in Ph.D. 02 Ph.D. Awarded				
Patent(s):				
1. Application No. 202211005703A, Indian Patent “Mucilage from Sapindus Mukorossi fruits useful as Food and Pharmaceutical Excipients” The Patent office journal No. 06/2022 Dated 11/02/2022				

2. **Application No. 202211020399A, Indian Patent “Transdermal Patch Formulation and Preparation Thereof”** The Patent office journal No. 15/2022 Dated 15/04/2022
3. **Application No. 202211040570A, Indian Patent “Method and Preparation of AZERATUM CONYZOIDS plant extract and its pharmacological evaluation”** The Patent office journal No. 12/2022 Dated 20/07/2022

Selected publications during recent years

- Peeush Singhal, Rajneesh Dutt Kaushik, **Vijay Jyoti Kumar**, Ritu Vishnoi Singhal, “**Why should one choose pharmacy as a carrier**”, Asian Journal of Pharmaceutics, **2015**, vol 09, page no 219-233, ISSN No:0973-8398
- Peeush Singhal, Rajneesh Dutt Kaushik, **Vijay Jyoti Kumar**, Anurag Verma and Pranav Gupta, “**Preparation and in vitro characterization of solid dispersion floating tablets by effervescent controlled release technique**”, Pakistan journal of Pharmaceutical Sciences, **2016**, vol 29, Page No 1661- 1670, ISSN No:1011601X
- **Vijay Jyoti Kumar** and Ranjit Singh, “**Mucilage from A.indica as potential pharmaceutical excipient for sustain release matrix tablets**”, Der Pharmacia Lettre, **2016**, Vol 8, page no 30-37, ISSN No: 0975-5701
- Peeush Singhal, Rajneesh Dutt Kaushik, **Vijay Jyoti Kumar**, Ritu Vishnoi Singhal , Anurag Verma, “**Gastro retentive film of famotidine using biomaterial extracted from S mukrossi fruit pulp**”, Environment Conservation Journal, **2017**, vol.18, page 173-182, ISSN No:0972-3099
- Peeush Singhal, Rajneesh Dutt Kaushik, **Vijay Jyoti Kumar**, Ritu Vishnoi Singhal , Anurag Verma “**The biopharmaceutics classification system (BCS): A review**”, World Journal of Pharmacy and Pharmaceutical Sciences **2018** Vol. 7 page No.269-283 ISSN:2278-4357
- Peeush Singhal, Rajneesh Dutt Kaushik, **Vijay Jyoti Kumar**, Ritu Vishnoi Singhal , Anurag Verma “**Sapindus Mukorossi fruit gum as sustained release carrier: Optimization of gastro-retentive drug delivery system using simplex lattice design**”, Asian Journal of Pharmaceutics, **2018**, vol 12, page no 52-60, ISSN No:0973-8398
- Sarvesh Kumar, **Vijay Jyoti Kumar** and Piyush Singhal, **Formulation and Evaluation of Fast Dissolving Tablets of Loratadine by Solid Dispersion in Super-disintegrants**, Indian Drugs 2019; 56(7): 88-91
- Sarvesh Kumar, **Vijay Jyoti Kumar** and Ranjit Singh, **Chemical Composition and Medicinal Significance of Eclipta Alba: A Review**, Remarking An Analisation **2019**; 12(3) (Part-2): E56-E60
- losZ`k dqekj, **MkW- fot; T;ksfr dqekj**, Lkatho dqekj, **Lkksjkbfill ds fy, izkd`frd gcZy vk;qosZfnd mipkj& oSdfYid pfdRlk**, Himalaya Paridrisya **2019**; V(II): 1-10
- Sarvesh Kumar, **Vijay Jyoti Kumar**, Ranjit Singh, **Antibacterial activity of medicinal plant extracts of Ageratum conyzoides**, Indo American Journal of Pharmaceutical Research **2020**; 10(06): 865-87
- Sarvesh Kumar, **Vijay Jyoti Kumar**, Ranjit Singh, **Physico-Chemical Analysis And Preliminary Phytochemical Screening of Crude Plant Extracts of Eclipta alba In District Haridwar**, Rasayan journal of Chemistry **2020**; 13(3): 1637-1643. ISSN: 0974-1496 | e-ISSN: 0976-0083
- Sanjeev Kumar, Navneet Swami, Pawan Singh Rana, Prashant Arya, Deepak Patel, **Vijay Jyoti Kumar** and Sarvesh Kumar, **A Review on Different Prevention and Treatment Technology Used For The Curing of Viral Infection**, European Journal of Biomedical and Pharmaceutical sciences **2021**; 8(7): 197-203.
- Navneet Swami, Sanjeev Kumar, Deepak Patel, **Vijay Jyoti Kumar** and Sarvesh Kumar, **A Review on the Diagnostic Analysis and Treatment of Hantavirus Infection**, European Journal of Pharmaceutical

and Medical Research **2021**; 8(7), 175-181

- Ahmed Olatunde , Manisha Nigam, Rahul Kunwar Singh , Abhaya Shikhar Panwar , Abdulwahab Lasisi , Fahad A. Alhumaydhi , **Vijay Jyoti kumar** , Abhay Prakash Mishra and Javad Sharif-Rad, Cancer and diabetes: the interlinking metabolic pathways and repurposing actions of anti-diabetic drugs, Olatunde et al. Cancer Cell Int (**2021**) 21:499
- Sarvesh Kumar, Renu Chaudhary, Prashant Arya, Sanjeev Kumar, Payal Verma, Navneet Swami and **Vijay Jyoti Kumar** “**Chemical Composition and Medicinal Potential of *Oroxylum indicum*: A Review**” Journal of mountain Research **2021**; 16(3):31-42
- Sarvesh Kumar, Navneet Swami, **Vijay Jyoti Kumar**, Ranjit Singh, Peeush Singhal “**Chemical Composition and Medicinal Significance of *Ageratum conyzoides*: A Review**” International Journal of Pharmaceutical & Biological Archives **2021**; 12(3):91-99
- “**Optimized fast disintegrating tablets, boosted oseltamivir phosphate orally fast disintegrating tablets**”, Journal of Medical Pharmaceutical and Allied Sciences, DOI: 10.22270/jmpas.2021.V10I6.1479, ISSN NO. 2320–7418

Book Chapters:

- Peeush Singhal, Rajneesh Dutt Kaushik and **Vijay Jyoti Kumar**, **Preparation and In- vitro Characterization of Solid Dispersion Floating Tablet by Effervescent Control Release Technique with Improved Floating Capabilities**, Molecular Pharmacology, Intec open, **2020**, 1-30
- Peeush Singhal, Ritu Vishnoi Singhal, Prince Prashant Sharma, **Vijay Jyoti Kumar**, “**The Impact of Aerosol in Weather Variation, Environment and Human Fitness**”, **Recent Advancements in Sciences with Special Reference to Himalaya**, ISBN: 978-93-84866-91-4, **2020**, 1-17, Ancient Publishing House, DELHI-110 053 (INDIA).
- Prince Prashant Sharma, **Vijay Jyoti Kumar** Peeush Singhal, Ashwani Kumar, “**Microfluidics and its Role in Monitoring Environmental Health**”, **Recent Advancements in Sciences with Special Reference to Himalaya**, ISBN : 978-93-84866-91-4, **2020**, 108-116, Ancient Publishing House, DELHI-110 053 (INDIA)
- Dharmendra Kumar, **Vijay Jyoti Kumar**, Shailendra K. Saraf, Ranjit Singh (2013). **Osteoporosis and drug design strategies for its treatment. Osteoporosis – A review**, Chapter.18, pp 205-227. ISBN 978-81-92064-0-9, Gulab Publishers, New Delhi.

Invited Lecture delivered/Paper presented

S.N	Title of the Invited Lecture delivered/Paper presented	Details of Conference / Seminar/ FDP and Organising Institution
1	Nutraceuticals in the Management of Diabetes Mellitus	World Diabetes Day organized by Department of Naturopathy and Yoga, HNB Garhwal University, Srinagar
2	Role of Camelia Sinesis (Green Tea) in reducing body weight	1st International seminar on Yoga for the Youth, organized by Dept of Naturopathy and Yoga, HNB Garhwal University, Srinagar
3	Regulatory Issues of Herbal Drugs	National seminar on Regulatory Issues of Herbal drugs to promote its commercialization organized by Chattisgarh Council of Science and Technology
4	Recent trends in Microencapsulation	Short term training program on Challenges and Advances in Novel Drug Delivery System: An approach toward improvement of quality of life for Polytechnic teachers organized by Institute of Research development training IRDT, Chandigarh

5	Mucoadhesive buccal films: Novel drug delivery system	Recent advances in biosciences and drug discovery, Dept. of Pharmaceutical Sciences, Gurukul Kangri University, Haridwar
6	Scientific temper and importance of scientific communication skills	CEP 2018 Advancements in academic and research in pharmacy, Dept of Pharmaceutical sciences, Gurukul Kangri University, Haridwar
7	Role of Professional ethics and their relevance in pharmacy profession	National seminar on professional ethics in higher education
8	A indica mucilage as potential excipient in tablet	National seminar on Industry demand form pharmacy youth
9	Mucilage from G optiva as potential tablet binder	Recent advances in chemical approach to drug developments RACADD 2013
10	Nutraceuticals: Present scenario	17th Annual convention of society of pharmacognosy and international symposium on frontiers in herbal cosmetics and nutraceuticals
11	Antipyretic and analgesic activity of some indian traditional plants	National seminar on resources environment and development of indian himalaya, issues and strategies for sustainable development
12	Why should one choose pharmacy as a carrier	51st Indian Pharmaceutical Congress, Indore, MP

