


Brief biodata as on 09.06.2021

Photo			
Name	Dr. Abhishek K. Sah		
Educational Qualification	B. Pharm	University Institute of Pharmaceutical Sciences, Guru Ghasidas University, Bilaspur (C.G.) (A Central University)	2004
	M. Pharm. (Pharmaceutics)	University Institute of Pharmaceutical Sciences, Guru Ghasidas University, Bilaspur (C.G.) (A Central University)	2007
	Ph. D	University Institute of Pharmacy, Pt. Ravi Shankar Shukla University, Raipur, (C.G.)	2017
	Post Doctorate (SERB-NPDF)	Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi	2018
E mail-id	abhisheksah9@gmail.com		
Employee Number	689		
Designation	Assistant Professor (Academic Level-10)		
Department	Department of Pharmacy		
Experience	RESEARCH	5.9 year (4.2 year UGC- JRF+SRF + 1.7 year SERB-NPDF- National Post Doctoral Fellow)	
	TEACHING	6 years 10 month 16 days in Pharmaceutics (Graduate and 2 yr Post-graduate)	
TOTAL WORK EXPERIENCE	12 Year, 7 Month		
Research Interest	Nanomedicine, Ocular drug delivery system, Periodontal drug delivery		

Research Publication Details

1. Nanocarriers for ocular delivery for possible benefits in the treatment of anterior uveitis: Focus on current paradigms and future directions, *Expert Opinion on Drug Delivery*, 2014; 11(11): 1747-1768. **SCI impact factor-5.434. Informa health**
2. Recent advances in ocular drug delivery, with special emphasis on lipid based nanocarriers, *Recent Patents on Nanotechnology*, 2015;9(2): 94 – 105. **SCI impact factor-2.575. Bentham Science Publisher**
3. Loteprednol Etabonate Nanoparticles: Optimization via Box-Behnken Design Response Surface Methodology and Physicochemical Characterization. *Current Drug Delivery*, 2017;14(5):676-689. **SCI impact factor-2.516. Bentham Science Publisher**
4. PLGA nanoparticles for ocular delivery of Loteprednol etabonate: a corneal penetration study. *Artificial Cells, Nanomedicine, and Biotechnology*, 2017; 45(6):1156–1164. **SCI impact factor-5.605. Taylor & Francis**
5. Medical management of glaucoma: focus on ophthalmologic drug delivery systems of timolol maleate. *Artificial Cells, Nanomedicine, and Biotechnology*, 2016: 45(3)1-12. **SCI impact factor-5.605. Taylor & Francis**
6. Biofilm-mediated Antibiotic-resistant Oral Bacterial Infections: Mechanism and Combat Strategies. *Current Pharmaceutical Design*, 2017;23:2084-2095. **SCI impact factor-3.025. Bentham Science Publisher**
7. Application Of Nano Carrier Based Drug Delivery System In Treatment Of Oral Cancer. *Artificial Cells, Nanomedicine, and Biotechnology*, 2018;46(4):650-657. **SCI impact factor-5.605. Taylor & Francis**
8. Potential of chitosan-based carrier for periodontal drug delivery. *Colloids and Surfaces B: Biointerfaces*, 178, 2019:185-198. **SCI impact factor-3.997. Elsevier**
9. Nano-Lipidic Carriers as a Tool for Drug Targeting to the Pilosebaceous Units, *Current Pharmaceutical Design*, 26(27), 2020:3251 – 3268. **SCI impact factor-3.025. Bentham Science Publisher**
10. Patent Perspectives for Corticosteroids Based Ophthalmic Therapeutics. **Recent Patents on Drug Delivery & Formulation**, Volume: 8 Issue Number: 3, 206 – 223 (**Bentham Science Publisher**), **Pubmed, Medline indexed.**

Other details (if any like patent, book, workshop, etc)

As a Book

1. A Recent Approaches in Topical Drug Delivery System: Microemulsion based hydrogel formulation for the effective treatment of psoriasis. **LAP Lambert Academic Publishing , Saarbrücken, Germany, ISBN-978-81-317-8991-9.**

As a Book chapter

1. Dexamethasone-laden thermosensitive in-situ gelling nanoemulsions as a potential drug delivery system for the ocular surface. In: Nanotechnology: Novel Perspectives and Prospects, 2015. **Eds; McGraw-Hill Publisher, New Delhi.** ISBN-978-81-317-8991-9.
2. Physicochemical characterization of Bhasmas: An approach to standardization. In: Traditional and Folk Herbal Medicine recent research. 2016, M/S **Daya Publishing House, New Delhi, INDIA,** A Division of Astral International Pvt. Ltd ISBN-978-93-5124-703-6.
3. Application of biocompatible nanocarriers in glaucoma: Challenges and advances” In book entitled- “Nanoformulations for human health :Challenges and Approaches. 2020, M/S published from **Springer Nature Switzerland AG, page no. 207-226,** DOI: 10.1007/978-3-030-41858-8_10, **Online ISBN 978-3-030-41858-8**
4. Nanomedicine in ocular drug delivery: challenges and advances In book entitled- " Nanomedicine, Nanotheranostic and Nanobiotechnology: Fundamentals and Applications”2021, **CRC Press, Taylor and Francis Group,USA..... under review**
5. Nanotherapeutics of phytoantioxidants for viral infections In book entitled-Phytoantioxidants and Nanotherapeutics, 2021, **John Wiley & Sons Ltd, USA under review**
6. Progress in microspheres in nanomedicine for therapeutic benefits In “Progress and prospect of nanocarriers: design, concept and recent advances” 2021, **Elsevier Science and Technology, San Diego, USA.....Submitted_2021**
7. Macrophage targeting for therapy of intraocular diseases In Macrophage Targeted Delivery Systems: Basic concepts & Therapeutic applications, **Springer USA.... Submitted_2021**

Workshop Attended

1. AICTE-Quality Improvement Program- Short Term Course on Approaches To The Screening of Bioactive Molecules from Natural Resources. 2009. Department of Biotechnology, Indian Institute of Technology Guwahati (**IITG**), Assam, 2009
2. **Workshop** on How to write a research paper. 2010. Sagar Institute of Research, Technology & Science, Bhopal, [M.P.]
3. DST- **Workshop** on Prospection and Sustainable Use of Medicinal Plants of Chhattisgarh. 2012. Pt. Ravishankar Shukla Univeristy, Raipur (C.G.)

4. UGC-Sponsored National **workshop** on Chromatographic and Spectroscopic analysis for Phytoconstituents. 2013. University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
5. National **workshop** on Diagnosis of diseases and molecular evaluation. 2014. APTI State Branch Chhattisgarh & University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.)
6. CGCOST-Sponsored National **workshop** on Analytical Technique for Phyto-chemicals. 2015. Columbia Institute of Pharmacy, Raipur (C.G.)
7. Springer Author **workshop** and Scopus workshop. 2015. Pt. Sunderlal Sharma Central Library, Pt. Ravishankar Shukla University, Raipur (C.G.)
8. **Workshop** on Intellectual Property & Innovation Management. 2016. Intellectual Property Right Cell & Internal Quality Assurance Cell, Pt. Ravishankar Shukla University, Raipur (C.G.)
9. Hands-on-Training on Open data development initiatives of World Bank. 2016. The World Bank & Pt. Ravishankar Shukla University, Raipur (C.G.)
10. **TEQIP** Phase-III Sponsored Two days **Workshop** on “Remote Sensing and Satellite Technology” 17-18th Oct 2018. Center for Remote Sensing and Satellite Technology, Shri G. S. Institute of Technology and Science (SGSITS), Indore (M.P.)
11. **TEQIP** – Phase III Sponsored Two Days **Workshop** on “Outcome Based Education and Accreditation for Engineering Programmers, 3rd - 4th May 2019. Department of Computer Engineering, Shri G.S. Institute of Technology & Science (SGSITS) Indore (M.P)
12. **AICTE** sponsored one day **workshop** on “Examination Reforms for Teachers” On 09 may 2019. Shri G.S. Institute of Technology & Science (SGSITS), Indore (M.P)
13. **AICTE-Annual Refresher Programme in Teaching (ARPIT) - 2019** scheme of Ministry of Human Resource Development (MHRD), Government of India from October 2019-November 2019. Department of Pharmaceutical Engineering and Technology, Indian Institute of Technology (BHU), Varanasi
14. **DST, Govt. of India** sponsored **Winter School Nano, 2019** on “Advanced techniques in Nano Science and Technology” (ATNST 2019) from 2nd – 07th December 2019. Institute of Nano Science and Technology (INST) Mohali [An autonomous institute established by DST, Govt. of India] Punjab
15. One day **workshop** on “Implementation of Examination Reform as per AICTE Policy” on 22 February 2020. Shri G.S. Institute of Technology & Science (SGSITS), Indore (M.P).
16. **AICTE Sponsored one week online Short Term Training Programme (STTP)** On Human Values, Ethics, Morals, Behavioral Sciences and Attitude (20 to 25th July 2020). Sagar Institute of Research & Technology, Pharmacy, Bhopal
17. **AICTE Sponsored one week online Short Term Training Programme (STTP)** On Human Values, Ethics, Morals, Behavioral Sciences and Attitude (21st to 26th September 2020). Sagar Institute of Research & Technology, Pharmacy, Bhopal
18. Online **TEQIP-III** Sponsored Short-Term Course on Current Trends in Biomedical Signal and Image Processing (20-22 October, 2020) at Indian Institute of Technology, Indore (IIT-Indore)
19. Virtual global summit on Artificial Intelligence: Responsible AI for Social Empowerment (RAISE2020),(05 -09 October 2020). Ministry of Electronics and Information Technology, Government of India sponsored
20. **AICTE Training And Learning (ATAL)** Academy Online FDP on "Drug Engineering" from 26-30 October 2020. Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab
21. **AICTE Training And Learning (ATAL)** Academy Online FDP on "Drug Engineering" from 2020-11-23 to 2020-11-27. Dr. Dayaram Patel Pharmacy College, Bardoli, Gujarat
22. **AICTE Sponsored QIP Short Term Course** (Online) on “Natural Products in Holistic

Healthcare – Recent Trends & Future Prospects (NPH2)” from 21-26 December, 2020. Department of Pharmaceutical Engineering and Technology, Indian Institute of Technology (BHU), Varanasi,

23. **AICTE Training and Learning (ATAL) Academy** Sponsored Faculty Development Programme (FDP) 2020-2021 “LEADERSHIP & EXCELLENCE”, 11 to 15 January 2021. Poona College Of Pharmacy, Bharati Vidyapeeth (Deemed To Be University)
24. **AICTE Sponsored one week online Short Term Training Programme (STTP)** On Interplay between health wellbeing, environment and community pharmacy (26 to 01 May 2021). Sagar Institute of Research & Technology, Pharmacy, Bhopal
25. **SPARC Sponsored Indo-US Workshop** on Pain Mechanisms & Therapeutics (06 to 10 May 2021). Department of Pharmaceutical Engineering and Technology, Indian Institute of Technology (BHU), Varanasi,
26. **AICTE Sponsored Quality Improvement Programme (QIP)** on “Recent advances in Therapeutic research with special emphasis on nanomedicine” 24th– 29th May, 2021 (*Division of Pharmacology*). Department of Pharmaceutical Sciences & Technology, Birla Institute of Technology, Mesra, Ranchi (Jharkhand)

Project carried out

Title	Year	Funding Agency	Amount	Role As
Development And Characterization of Nanocarriers For Ocular Delivery of Timolol Maleate For The Effective Treatment Of Glaucoma	2017-2018	Science and Engineering Research Board (SERB), Department of Science and Technology (DST) Government of India, New Delhi	17,99,286/-INR (Seventeen Lakh Ninety nine Thousand Two Hundred Eighty Six)	Principal Investigator, National Post-Doctoral Fellowship (NPDF)

Reviewer of Indexed Journal

- ❖ International Journal of Pharmaceutics, **Elsevier Publisher**, USA
- ❖ Pharmaceutical Development Technology, **Taylor & Francis**, England (UK).
- ❖ Current Pharmaceutical Design, **Bentham Science Publisher** (UK)
- ❖ Ophthalmology Research: An International Journal, Ophthalmology Research
- ❖ Saudi Pharmaceutical Journal: **Elsevier** Publisher, USA
- ❖ Biomedical Chromatography, **John Wiley & Sons Ltd**, USA

INTERNATIONAL VISITS

- ❖ World Academy of Science, Engineering and Technology: 17th International Conference on Pharmacy and Chemical Engineering at **Kuala Lumpur, Malaysia** on 24-25 August 2015.
- ❖ **International conference** on Scientific Frontiers in Natural Product Based Drugs 2017 at Yong Loo Lin School of Medicine, Department of Pharmacology, **National University of Singapore** on (06 – 07 July 2017)
- ❖ 18th World Congress of Basic and Clinical Pharmacology (WCP2018), Kyoto, Japan, sponsored by Japanese Pharmacological Society and Japanese Society of Clinical Pharmacology and Therapeutics at Kyoto International Conference Center, **Kyoto, Japan** from 01 July to 06 July 2018