

Professor Bhupinder Singh Bhoop: Brief Biosketch

M Pharm, Ph D, D St, FPAS, FIPA

Acclaimed globally for his scientific research work, esp. on systematic development of novel drug delivery using Quality by Design (QbD) paradigms, nanomedicine, advanced pharmacokinetics, and computational pharmaceuticals, Prof Bhoop has contributed over four decades of dedicated service towards Pharmaceutical Education, Research and Industry.

Emeritus Professor, Chitkara University Innovation & Network (CURIN)

Chief Mentor, Chitkara College of Pharmacy (CCP), Chitkara University

Hony. Professor, University Institute of Pharm Sciences (UIPS), PU

Hony Secy Gen & Trustee, Mata Tripta Ji (C) Trust, India

Chairman, University Institute of Pharm Sciences (2014-17)

Head, National UGC Excellence Center in NanoBioMedicine (2011-19)

Coordinator, UGC Center Advanced Studies - Pharm Sci (2012-18)

Founder Coordinator, AIU Student Res Convention (NZ, 2007-08)

President, Soc Pharm Dissolution Science (SPDS-NZ, 2012-22)

Vice President, Indian Pharmaceutical Association (PUN, 2014-22)

Dean - Alumni Relations, Panjab University (2007-11)

Dean - Faculty of Pharmaceutical Sciences, PU (2012-14)

Fellow & Member - Senate Governing Body, PU (2012-16)

Fellow & Member - Syndicate Governing Council, PU (2013-15)

PANJAB UNIVERSITY, CHANDIGARH, INDIA 160 014

- **Google Scholar:** <https://scholar.google.co.in/citations?user=ntWgv1IAAAAJ&hl=en>
- **Scopus:** <https://www.sciencedirect.com/author/55480057800/bhupinder-singh-bhoop>
- **AD Scientific Index:** <https://www.adscientificindex.com/scientist/bhupinder-singh-bhoop/4327851>
- **LinkedIn:** <https://www.linkedin.com/in/dr-bhupinder-singh-bhoop-20a2198/?originalSubdomain=in>

Working in the domain since 1995, Professor Bhoop is considered the Pioneer in the field of Pharma QbD paradigms in India. He has to his credit over 430 original publications, including 16 books by prestigious international publishers and 91 book chapters, with an H-index of 61, an i10-index of 202, a cumulative impact factor of 731.3, and citations of over 13400. A widely travelled scientist, he has delivered more than 370 keynotes, plenaries, and invited talks in India and overseas, including USA, Canada, UK, Germany, China, Thailand, Hong Kong, Kuwait, Dubai, Taiwan and Bangladesh. Several thousands of industrial scientists from leading pharma companies of India, of the likes of Mylan, Zydus, Ranbaxy, Cipla, Cadila Pharma, Sentiss, Sun Pharma, IPCA, Glenmark, Sanofi-Aventis, Ajanta, Alkem, Jubilant, Bharat-Serums, Panacea Biotec, Vyome Biosciences, Unichem, Beximco Pharma (Dhaka), Lotus-Alvogen (Taiwan) and BioVectra (Canada), have been duly trained by him on Formulation QbD, Analytical QbD, Biowaivers and/or Nanomedicine. He has guided over 110 researchers, including 34 Ph.D.'s and 9 post-doctorates, completed 6 industrial consultancy assignments, and has 8 patents, 3 tech. transfers of nanotech-based drug delivery products, and 15 computer software to his credit. He has earned research grants of over 7.30 crores from the governmental and corporate sectors. Out of over 375 conference presentations made by his team to date, over 40 have fetched Best Paper Awards. Based on his quantum and quality of the published work, he has been adorned among the Top 2% of Scientists of the World by Stanford University, USA, in 2020, 2021, 2022 and 2023, on the basis of career-long performance as well as last year's performance. He has also been instrumental in organizing several National and International Conferences, Seminars and Workshops at PU and even beyond, including International Conferences like NanoSciTech 2012, 2014, 2016, 2017, ICONICA 2020, and the recent National Symposium on Pharma QbD 2023.

His work has fetched Prof Bhoop with numerous awards & accolades like, Leading Educators of World (UK) 2007, Pharma Buzz Pharma Personality Award 2008, Shiksha Rattan Puruskar 2008, Innovative Scientist Award 2012 (CIIPP), QbD& Product Performance Award 2012 & 2013 (AAPS, USA), QbD Excellence Award 2013 (CPhI-Asia), Outstanding Scientist Award 2014 (SelectBio, UK), Pharma QbD Outstanding Performance Award 2014 (Stat-Ease, USA), Bharathi Vidyapeeth APTI Best Pharmacy Teacher Award 2014, Prof M R Baichwal Oration Award 2015 (ICT, India), Scientist Par-Excellence Award 2015 (Minitab Inc, UK), Eudragit Award 2015 (Evonik, Germany), Prof J S Rai Oration Award 2015 (GNDU, Asr), HT Performer of 2015, Innovative Healthcare Researcher Award 2016 (VWA), Chitkara University Excellence Award 2016, Name in Science Award (EBA, Oxford, UK) 2016, Prof D V S Jain Best Scientist Award 2018, Global QbD Excellence Award 2019 (Shanghai, China), Elsevier Best Research Paper Awards 2020 & 2021, PharmaLok Pharma Excellence Award 2021, Scientific Innovation Award 2023 (CIIPP), a score of felicitations by Panjab University Syndicate, and many more. He has been on the Expert Panels of UGC, NBA, NAAC, AICTE, PCI, DST-SERB, DBT, UPSC, PPSC, Commonwealth Secretariat, IPA, APTI, IPGA, SPDS, and scores of prestigious universities and institutes in India and abroad...

At Panjab University, he has been Chairman - University Institute of Pharm. Sciences (2014-17), Fellow & Member - University Senate & Syndicate (2012-16), Dean - Faculty of Pharm. Sciences (2012-14), and Dean Alumni Relations (2007-11). He has also been the Coordinator of UGC Centre of Advanced Studies (CAS) in Pharm. Sciences (2011-18), and Founder- Coordinator of National UGC Centre for Excellence in Nano Biomedical Applications (2011-2020). Very recently, Professor Bhoop has started serving as Emeritus Professor of Chitkara University Innovation & Research Network (CURIN), and Chief Mentor of Chitkara College of Pharmacy.

On the basis of his exemplary accomplishments, Mr Hamid Ansari, the then Vice President of India, nominated Professor Bhoop to University Senate as its Fellow in 2011; Prof Ved Prakash, the then Chairman-UGC, conferred upon him Honorary Fellowship of Punjab Academy of Sciences in 2017; and the apex pharma body, Indian Pharmaceutical Association (IPA) honoured him as an IPA Fellow in 2018.

Besides, as the Trustee of Mata Tripta Ji Charitable Trust® and Shubh-Karman Trust®, two Chandigarh-based philanthropic social NGOs, he has also been actively involved in various activities of Social Service, particularly in providing free medical and dental care

facilities, and in free training to the poor and the underprivileged aspirants towards UPSC and other competitive examination, since 1999 and 2022, respectively.