

Curriculum Vitae

Dr. Shanti Bhushan Mishra

 United Institute of Pharmacy, Prayagraj India

 +918004279457

 +917905848793

 shantipharma15@gmail.com

 shantibhushanmishra@united.ac.in



Scopus iD: <https://www.scopus.com/authid/detail.uri?authorId=56040086300>

ORCID iD: <https://orcid.org/0000-0001-9086-3624>

Google Scholar: <https://scholar.google.co.in/citations?user=3b4utHQAAAAJ&hl=en>

Web of Science: <https://www.webofscience.com/wos/author/record/H-4478-2012>

ResearchGate: <https://www.researchgate.net/profile/Dr-Shanti-Bhushan-Mishra/research>

Linkedin: <https://www.linkedin.com/in/dr-shanti-bhushan-mishra-11532629/?originalSubdomain=ir>

PROFESSIONAL SUMMARY

I am serving as Professor & Head, Department of Pharmacognosy at the United Institute of Pharmacy, Allahabad having 15 years' experience in teaching and research. I did my Graduation (B. Pharm) from Bundelkhand University Jhansi, India. Gold Medalist in post-graduation (M. Pharm) from Vinayaka Mission University Salem, Tamilnadu, and PhD from SHIATS, Allahabad. Major contribution has been in the field of Diabetes especially engaged in investigating natural antioxidants from botanical sources and their role in diabetes management. Apart from this, the work on wound healing activity, Hepatoprotection, and analgesic activity of the plants was carried out. Many review and research articles on current topics are published in various national & international journals and possess lifetime membership of APTI, ISCA, SILAE & ACS. I believe in Quality Education with a professional practical approach in the pharmaceutical field.

ACADEMIC EXPERIENCE

- Project novice in NBRI, Lucknow (CSIR) on project "Evaluation of leaves extract of *Jatropha curcas* L. for the antihyperglycemic activity in Alloxan induced diabetic rats" from June 2008 – November 2008
- Served as a lecturer at Roorkee College of Pharmacy, Roorkee from May 2009 –June 2010
- Served as an Assistant Professor at United Institute of Pharmacy, Allahabad from August 2010 to July 2015
- Served as Associate Professor at United Institute of Pharmacy, Allahabad from August 2015 to August 2021
- Presently working as a Professor at United Institute of Pharmacy, Prayagraj since August 2021

PROFESSIONAL QUALIFICATION

Degree	University/Board		
PhD	SHUATS [formerly Allahabad Agricultural Institute – Deemed University] Allahabad	2009 -2014	Awarded
Research title:			
“Phyto-pharmacological evaluation of selected medicinal plants used in the treatment of type II diabetes (NIDDM)			
M. Pharm. (Pharmacognosy)	Vinayaka Mission's College of Pharmacy, Vinayaka Mission University Salem, Tamilnadu	2007-2009	I st
Dissertation:			
“Evaluation of leaves extract of <i>Jatropha curcas</i> L. for the anti-hyperglycemic activity in alloxan-induced diabetic rats”			
B. Pharm	Institute of Pharmacy Bundelkhand University, Jhansi	2001-2005	I st

ACADEMIC QUALIFICATION

B.Sc.	Lucknow University, Lucknow	1999	II nd
Intermediate	U. P. Board, Allahabad	1995	I st
Matriculation	U. P. Board, Allahabad	1993	II nd

PUBLICATIONS

Patents

- Title of Invention:** Sustained release composition of Favipiravir for the treatment of covid 19, **Application No.** 202111016928A; **Date of publication** 16/04/2021; Patent No. 518260, **Date of Grant:** 01/03/2024, **[Indian Patent]**
- Title of Invention:** Synthesis of amide derivatives of Vanillic acid: In silico evaluation docked against the antidiabetic target. **Application No.** 202111031316A; **Date of publication** 30/07/2021; Patent No. 512162, **Date of Grant** 19/02/2024 **[Indian Patent]**
- Title of Invention:** Formulation of oil in water nanoemulsion of Nirgundi oil **Application No.** 202022105305.7.; **Date of Filing** 21/09/2022; **Date of Grant** 24/11/2022 **[German Patent]**
- Title of Invention:** Nano-formulation of Graphene-Usnic acid nano conjugate **Application No.** 202221059868A; **Date of publication** 28/10/2022; **[Indian Patent]**

Text Books/Edited Proceedings

- Biological Evaluation of leaves extract of *Jatropha curcas* L.: An Ethnopharmacological approach (2012) authored by Shanti Bhushan Mishra, LAP Lambert Academic Publishing, Germany, ISBN: 978-3-8484-3823-5.
- Folklore medicines of Salem district of Tamilnadu Southern India: A Treatise (2012) authored by Shanti Bhushan Mishra, published by LAP Lambert Academic Publishing, Germany, ISBN: 978-3-8484-9785-0
- Medicinal plants & type II diabetes: Phytopharmacological report (2014) authored by Shanti Bhushan Mishra, LAP Lambert Academic Publishing, Germany, ISBN: 978-3- 659-40537-2

4. **Handbook of Research Methodology: A compendium for scholars and researchers** (2017) authored by Shanti Bhushan Mishra, published by Educreation Publication, New Delhi, ISBN: 978-1-5457-0340-3
5. Edited Conference proceeding of AKTU sponsored National Conference on Empirical Research on Alternative Medicine: Impingement on health care system (2018) Ed. **Shanti Bhushan Mishra** & Shradhanjali Singh published by United Institute of Pharmacy, Allahabad along with I'm World advertising publication with ISBN: 978-93-5321-304-6
6. **Essentials of Herbal Drug Technology: A Guide of Standardization & Quality Control** (2019) authored by Shanti Bhushan Mishra, published by Educreation Publication, New Delhi, ISBN: 978-93-88719-08-7
7. Edited Conference proceeding of PCI-sponsored National Conference on Phytotherapy and Nutraceuticals for Global Health (2020) Ed. **Shanti Bhushan Mishra** & Shradhanjali Singh published by United Institute of Pharmacy, Allahabad along with Shantanu publication with ISBN: 978-93-5391-911-5
8. **Textbook of Pharmaceutical Quality Assurance** (2020) authored by Shanti Bhushan Mishra & Shradhanjali Singh published by KPH Publications, Kanpur, ISBN: 978-81-945376-3-2
9. Edited Conference proceeding of AICTE sponsored National Conference on "New Approaches and Novel Therapies of Natural Product and Medicine (2020) Ed. **Shanti Bhushan Mishra** & Shradhanjali Singh published by United Institute of Pharmacy, Allahabad along with Shantanu publication with ISBN: 978-93-5737-726-3
10. **Textbook of Pharmaceutics** (2024) authored by Pradeep Vishwakarma, Revathi Gupta, Gaurav Jain, **Shanti Bhushan Mishra** & Khushboo Vishwakarma published by Shree Sai Publications, Meerut ISBN: 978-93-95685-48-1
11. **Textbook of Social Pharmacy** (2024) authored by Pradeep Vishwakarma, **Shanti Bhushan Mishra**, Mukul Maurya & Garima Sahu published by Shree Sai Publications, Meerut ISBN: 978-93-95685-38-2
12. **MCQ (DPEE) book for Exit Examination** (2024) authored by Pradeep Vishwakarma, **Shanti Bhushan Mishra**, Mukul Maurya & Garima Sahu published by Shree Sai Publications, Meerut ISBN: 978-93-95685-82-5
13. **Textbook of Pharmacognosy** (2024) authored by Pradeep Vishwakarma, **Shanti Bhushan Mishra**, Mukul Maurya & Garima Sahu published by Shree Sai Publications, Meerut ISBN: (in Press)
14. **Textbook of Practical Social Pharmacy** (2024) authored by Pradeep Vishwakarma, **Shanti Bhushan Mishra**, Mukul Maurya & Garima Sahu published by Shree Sai Publications, Meerut ISBN: (in Press)
15. Edited Conference proceeding of CSIR and UPCST sponsored International {3}

Conference on “Innovations in Pharmaceutical Sciences” (2024) Ed. **Shanti Bhushan Mishra** & Shradhanjali Singh published by United Institute of Pharmacy, Allahabad along with Im world publication, New Delhi with ISBN: 978-81-978962-6-2

16. A Reference book on **Bioactives in Nutritional and metabolic disorders** (Ed): Shanti Bhushan Mishra and Shradhanjali Singh, Cambridge Scholars Publication London UK, 2024 (in press)

Book Chapters

1. Charu Dwivedi, Ishan Pandey, Himanshu Pandey, Pramod W. Ramteke, Avinash C. Pandey, **Shanti Bhushan Mishra**, Sandip Patil. Electrospun Nanofibrous Scaffold as a Potential Carrier of Antimicrobial Therapeutics for Diabetic Wound Healing and Tissue Regeneration, In: Alexandru Mihai Grumezescu (Ed.) Nano and Microscale Drug Delivery Systems: Design and Fabrication **published by Elsevier B.V. Inc.** 2017, pp. 147-164. ISBN: 978-0-323-52727-9. doi:10.1016/B978-0-323-52727-9.00009-1
2. **Shanti Bhushan Mishra**. Nano additives: Propitious Alternative for Increase Biofuel Performance In: PW Ramteke (Ed.) Green nanotechnology for Biofuel production **published by Springer International Publishing AG** Cham., 2018, ISBN: 978-3-319- 75052-1, doi: 10.1007/978-3-319-75052-1_5
3. **Shanti Bhushan Mishra**, Alok Mukerjee, and Shradhanjali Singh. Global Approach for Drug Discovery and Development In: Subhash C Mandal, Raja Chakraborty, Saikat Sen (eds) Evidence-Based Validation of Traditional Medicines **published by Springer Nature Singapore** Pte. Ltd 2021 ISBN: 978-981-15-8126-7. doi.10.1007/978-981-15-8127-4_1
4. Shradhanjali Singh, **Shanti Bhushan Mishra**, and Alok Mukerjee. HPTLC Fingerprinting analysis of Phyto-constituents from Indigenous Medicinal Plants In: Subhash C Mandal, Raja Chakraborty, Saikat Sen (eds) Evidence-Based Validation of Traditional Medicines **published by Springer Nature Singapore** Pte. Ltd 2021 ISBN: 978-981-15-8126-7. doi.10.1007/978-981-15-8127-4_17
5. **Shanti Bhushan Mishra**, Shradhanjali Singh, Amit Kumar Singh, Anil Kumar Singh, and Divya Rani Sharma. Emulgels: A Novel Approach for Enhanced Topical Drug Delivery Systems In: Raj K. Keservani, Rajesh Kumar Kesharwani, Anil K. Sharma (eds) Advances in Novel Formulations for Drug Delivery **published by Wiley- Scrivener Publishing LLC** 2023, ISBN: 978-139-41-6643-5. <https://doi.org/10.1002/9781394167708.ch13>
6. **Shanti Bhushan Mishra**, Shradhanjali Singh, Amit Kumar Singh, and Anil Kumar Singh. Potentials of Trace Elements and Vitamins in Management of Oxidative Stress Linked Diabetes. In: Raj K Keservani, Durgavati Yadav, Rajesh K Keservani, Sippi Singh, Sandeep Kumar (eds.) The Metabolic Syndrome: Dietary Supplements and Food Ingredients **published by CRC, Apple Academic Press** 2023, ISBN:9781003329732. DOI: 10.1201/9781003329732-5
7. **Shanti Bhushan Mishra**, Shradhanjali Singh, Amit Kumar Singh, and Anil

Kumar Singh. Traditional System of Medicine and Lifestyle for the Management, Prevention, and Treatment of COVID-19 In: Rajesh K Keservani, Raj K Keservani (eds) COVID-19 and Immunomodulation with Special Emphasis on Nutraceutical and Herbal Formulation **published by CRC, Apple Academic Press** 2024, pp 161-180. ISBN: 9781003347804

8. Nishi Gupta, Aimen Salman, Shradhanjali Singh, Amit Kumar Singh, and **Shanti Bhushan Mishra**. Role of Glucosamine and Chondroitin Sulphate as Nutraceuticals for Osteoarthritis. In: Meenakshi Jaiswal, Raj K. Keservani, Rajesh K. Kesharwani (eds) Nutraceuticals in Arthritis and Psoriasis, 2024, ISBN: 9781774917466 **published by CRC, Apple Academic Press (In press)**

9. **Shanti Bhushan Mishra**, Amit Kumar Singh, Shradhanjali Singh, and Divya Rani Sharma. Consumption of Carotenoid-Rich Vegetables and Functions of Human T- Lymphocytes In: Urmila Jarouliya, Raj K. Keservani, Rajesh K. Kesharwani, Virendra K. Patel, Adi D. Bharti (eds.) Immune-Boosting Nutraceuticals for Better Human Health Novel Applications, 2024, ISBN: 9781003371069 **published by CRC, Apple Academic Press** doi: 10.1201/9781003371069-4.

10. Anurag Samson Lall, Jyoti Vandana Mani, **Shanti Bhushan Mishra**, and Amit Kumar Singh. Antioxidant Action of Glutathione against Heavy Metal Toxicity in Fishes In: Urmila Jarouliya, Raj K. Keservani, Rajesh K. Kesharwani, Virendra K. Patel, Adi D. Bharti (eds.) Immune-Boosting Nutraceuticals for Better Human Health Novel Applications 2024, ISBN: 9781003371069 **published by CRC, Apple Academic Press published by CRC, Apple Academic Press**. Doi: 10.1201/9781003371069-15

11. **Shanti Bhushan Mishra** and Shradhanjali Singh. Coral Reef: A Source of Value-Added Compounds Beneath the Water In: Urmila Jarouliya, Raj K. Keservani, Rajesh Kesharwani, Virendra K. Patel, Adi D. Bharti (eds.) Immune-Boosting Nutraceuticals for Better Human Health: Novel Applications, 2024, ISBN: 9781003371069 **published by CRC, Apple Academic Press** DOI: [10.1201/9781003371069-16](https://doi.org/10.1201/9781003371069-16)

12. **Shanti Bhushan Mishra**, Shradhanjali Singh, Amit Kumar Singh, Anil Kumar Singh, and Divya Rani Sharma. Role of Functional Foods in Growth and Development In: Raj K. Keservani, Eknath D. Ahire (eds) Applications of Functional Foods in Disease Prevention 2024, ISBN: 9781003395737 **published by CRC, Apple Academic Press**. DOI: 10.1201/9781003395737-14

13. Tanmay Sarma, Trishna Das, Dipankar Saha, Smriti Rekha Chanda Das, **Shanti Bhushan Mishra**, Amit Kumar Singh, and Indranil Chanda. Overview of Functional Foods and Their Impact on Osteoporosis In: Raj K. Keservani, Eknath D. Ahire (eds) Applications of Functional Foods in Disease Prevention, 2024, ISBN: 9781003395737 **published by CRC, Apple Academic Press**, DOI: 10.1201/9781003395737-15

14. Amit Kumar Singh, Amit K Singh, Shanti Bhushan Mishra. Small interfering RNA nanocarriers in skin delivery In: Raj K. Keservani, Julia Scherer Santos (eds) Novel nanocarriers for skin diseases **published by CRC, Apple Academic Press (In press)**

15. Amit Kumar Singh, Amit K. Singh, Bhawana Singh, and **Shanti Bhushan Mishra**. Supplementation of Food for Good Sleep In: Raj K. Keservani, Sayan Bhattacharyya, Rajesh K. Kesharwani (eds) Nutraceuticals in Insomnia and Sleep Problems ISBN: 9781774918067 **published by CRC, Apple Academic Press (In press)**
16. Aimen Salman, Amit Kumar Singh, and **Shanti Bhushan Mishra**. Health Policies and Health Regulations Regarding Nutraceuticals for Sleep In: Raj K. Keservani, Sayan Bhattacharyya, Rajesh K. Kesharwani (eds) Nutraceuticals in Insomnia and Sleep Problems ISBN: 9781774918067 **published by CRC, Apple Academic Press (In press)**
17. Banjit Kalita, Trishna Das, Dipankar Saha, Smriti Rekha Chanda Das, **Shanti Bhushan Mishra**, and Amit Kumar Singh. Future Directions for the Use of Nutraceuticals for Inducing Sleep and Solving Insomnia. In: Raj K. Keservani, Sayan Bhattacharyya, Rajesh K. Kesharwani (eds) Nutraceuticals in Insomnia and Sleep Problems ISBN: 9781774918067 **published by CRC, Apple Academic Press (In press)**
18. Mishra Prakash Shyambabu, Mukul Maurya, Amit Kumar Singh, Pradeep Kumar Vishwakarma, **Shanti Bhushan Mishra**. Natural Polymers for Drug Delivery. In: Raj K. Keservani, Eknath D. Ahire and Rajesh K. Kesharwani (eds) Pharmaceutical Polymer Formulations and Its Applications ISBN: 9781394172382 **published by Wiley-Scrivener Publishing LLC (in Press)**
19. Anju, Mishra Prakash Shyambabu, Amit Kumar Singh, **Shanti Bhushan Mishra**. Nanopolymer for Drug Delivery In: Raj K. Keservani, Eknath D. Ahire and Rajesh K. Kesharwani (eds) Pharmaceutical Polymer Formulations and Its Applications ISBN: 9781394172382 **published by Wiley- Scrivener Publishing LLC (in Press)**

Research Articles

1. **Mishra S.B**, Dwivedi S., Shashi A., Prajapati K. "Ethnomedicinal Uses of Some Plant Species by Ethnic and Rural Peoples of the Salem District of Tamilnadu with Special Reference to the Conservation of Vanishing Species" *Ethnobotanical Leaflets*. 2008, 12: 873-87. **[IF:0.2]**
2. **S.B. Mishra**, Kiran Prajapati, D. Singh, P. Dubey, B. Sangameswaran. "Pharmacognostical and Preliminary Phytochemical Studies of Leaves of *Tridax procumbens*" *Ethnobotanical Leaflets* 2008, 12: 1283-89. **[IF:0.2]**
3. Shashi Alok, Monika Sabharwal, **Shanti Bhushan Mishra**, P.P. Singh, Man Singh. "In vitro evaluation on anti urolithiasis activity of roots of *Asparagus racemosus* willd" *Flora and Fauna* 2009, 15 (1): 163-166
4. **Mishra Shanti Bhushan**, Das Trishna, Basak Mrinmoy, Mohanty J.P., Shil Dibyendu. "Evaluation of Phytochemical Screening and Anti-Fertility Activity of *Curcuma Aromatica Salisb*" *Int. J. Pharm. Sci. Res.* 2010, 1(1): 18-22 **[IF:2.60]**
5. Prasoon Kumar Saxena, **Shanti Bhushan Mishra**, Trishna Das, Arun Maurya. Phytochemical investigation and antimicrobial activity of stem bark extracts of *Thespesia populnea*. *Int. J. Pharm. Res.* 2010, 1(1): 17-22

6. **Mishra Shanti Bhushan**, Vijayakumar M., Ojha S.K., Verma A. "Antidiabetic effect of *Jatropha curcas* L. leaves extract in normal and alloxan-induced diabetic rats" *Int. J. Pharm. Sci.* 2010, 2(1): 482-487
7. Padmini Shukla, P. Shukla, **S.B. Mishra**, B. Gopalakrishna, "Screening of anti-inflammatory and antipyretic activity of *Vitex leucoxylon* Linn" *Ind. J. Pharmacol* 2010, 42(6); 409-411. [doi: 10.4103/0253-7613.71891](https://doi.org/10.4103/0253-7613.71891) [IF:0.69]
8. **Shanti Bhushan Mishra**, Alok Mukerjee, M. Vijayakumar. "Pharmacognostical and Phytochemical evaluation of leaves extract of *Jatropha curcas* Linn" *PhCog. J.* 2010, 2(15): 9-15 [doi:10.1016/S0975-3575\(10\)80072-0](https://doi.org/10.1016/S0975-3575(10)80072-0) [IF:0.83]
9. **Shanti Bhushan Mishra**, Alok Mukerjee, M. Vijayakumar, "Wound healing activity of the aqueous-alcoholic extract of *Jasminum grandiflorum* Linn leaves" *Pharmacologyonline*, 2010, 3: 35-40 [IF:0.37]
10. Shradhanjali M. Singh, Anil K. Singh, **Shanti B. Mishra**, Alok Mukerjee, Mrinalini C. Damle, "Analysis of Nebivolol hydrochloride and Valsartan in Pharmaceutical Dosage Form by High-Performance Thin Layer Chromatographic Method" *Nature Precedings*, 2011, 1-9 : [doi:10.1038/npre.2011.6134.1](https://doi.org/10.1038/npre.2011.6134.1)
11. **Shanti Bhushan Mishra**, Amita Verma, Alok Mukerjee, M. Vijayakumar. "Antihyperglycemic activity of leaves extract of *Hyptis suaveolens* L. Poit in Streptozotocin-induced diabetic rats" *Asian Pacific J Trop. Med.* 2011, 4(9): 689-693. [doi: 10.1016/S1995-7645\(11\)60175-2](https://doi.org/10.1016/S1995-7645(11)60175-2) [IF:0.92]
12. **Shanti Bhushan Mishra**, Amita Verma, Alok Mukerjee, M. Vijayakumar. "Pharmacognostic Standardization and Phytochemical Screening of Leaves of *Amaranthus spinosus* L." *Phcog. J.* 2011, 3(26):34-38 [DOI: 10.5530/pj.2011.26.6](https://doi.org/10.5530/pj.2011.26.6) [IF:0.83]
13. Trishna Das, **Shanti Bhushan Mishra**, Dipankar Saha, and Shivani Agarwal. "Ethnobotanical Survey of Medicinal Plants Used by Ethnic and Rural People in Eastern Sikkim Himalayan Region" *Afr. J Basic Applied Sci* 2012; 4 (1): 16-20 [doi: 10.5829/idosi.ajbas.2012.4.1.61133](https://doi.org/10.5829/idosi.ajbas.2012.4.1.61133)
14. **Shanti Bhushan Mishra**, Amita Verma, Alok Mukerjee, M. Vijayakumar. "*Amaranthus spinosus* L. (Amaranthaceae) leaf extract attenuates streptozotocin- nicotinamide induced diabetes and oxidative stress in albino rats: A histopathological analysis" *Asian Pacific J Trop. Biomed.* 2012; 2 (3): s1647-s1652 [doi:10.1016/S2221-1691\(12\)60470-5](https://doi.org/10.1016/S2221-1691(12)60470-5) [IF:1.22]
15. Alok Mukerjee, **Shanti Bhushan Mishra**, Shubhini Saraf. "Antihepatotoxic potential of *Citrullus colocynthis* root extract, fractions and isolated compounds" *J. Exp. Sci.* 2012, 3(9): 43-45.
16. **Shanti Bhushan Mishra**, Himanshu Pandey, Avinash C Pandey. "Nanosuspension of *Phyllanthus amarus* extract for improving oral bioavailability and prevention of paracetamol-induced hepatotoxicity in Sprague-Dawley rats" *Adv. Nat. Sci: Nanosci. Nanotechnol.* 2013, 4 035007 [doi:10.1088/2043-](https://doi.org/10.1088/2043-)

17. **Shanti Bhushan Mishra**, Amita Verma, Madhavan Vijayakumar. "Preclinical evaluation of anti-hyperglycemic and antioxidant action of Nirmali (*Strychnos potatorum*) seeds in streptozotocin-nicotinamide-induced diabetic Wistar rats: A histopathological investigation" **Biomarkers and Genomic Medicine**, 2013, 5(4): 157-163. [doi: 10.1016/j.bgm.2013.07.010](https://doi.org/10.1016/j.bgm.2013.07.010) [IF:0.18]

18. **Shanti Bhushan Mishra**, M. Vijayakumar. "Phytochemical analysis and histology of *Strychnos potatorum* L. Seeds" **Hygeia. J. D. Med.**, 2014, 6(2): 17-24. doi: 10.15254/H.J.D.MED.6.2014.132 [IF:0.65]

19. **Shanti Bhushan Mishra**, Vijayakumar M. "Anti-Hyperglycemic and Antioxidant Effect of *Saraca asoca* (Roxb. De Wilde) Flowers in Streptozotocin-Nicotinamide Induced Diabetic Rats: A Therapeutic Study" **J Bioanal Biomed** S12: 003. [doi:10.4172/1948-593X.S12-003](https://doi.org/10.4172/1948-593X.S12-003) [IF:1.14]

20. Alok Mukerjee, **Shanti Bhushan Mishra**, Shubhini Saraf. "Antihepatotoxic potential of *Citrullus colocynthis* root extract, fractions and isolated compounds" **J. Pharm. Tech. Res. Manag.** 2014, 2(2): 137-143. [DOI: 10.15415/jptrm.2014.22023](https://doi.org/10.15415/jptrm.2014.22023)

21. **Shanti Bhushan Mishra**, M. Vijayakumar. "Floral morphology and HPTLC fingerprint profile of *Saraca asoca* (Roxb.) De Wilde (Caesalpiniaceae): A consecrated tree of India" **Int. Lett. Nat. Sci.** 2015, 43: 54-62. [doi:10.18052/www.scipress.com/ILNS.43.54](https://doi.org/10.18052/www.scipress.com/ILNS.43.54) [IF:0.87]

22. Trishna Das, Bhabesh Das, Dipankar Saha, **Shanti Bhushan Mishra**. "Anti-Hyperglycemic Effect of *Tecomella undulata* Extract by Ameliorating Pancreatic Dysfunction in Streptozotocin Induced Diabetic Albino Rats" **J App Pharm Sci**, 2015, 5 (11): 090-094. [DOI: 10.7324/JAPS.2015.501115](https://doi.org/10.7324/JAPS.2015.501115) [IF:0.64]

23. **Shanti Bhushan Mishra**, Jyotsna Malaviya, Alok Mukerjee. "Attenuation of Oxidative Stress and Glucose Toxicity by Lutein Loaded Nanoparticles from *Spinacia oleracea* Leaves" **J. Pharm. Sci. Pharmacol.** 2015, 2(3):242-249. [doi:10.1166/jpsc.2015.1067](https://doi.org/10.1166/jpsc.2015.1067) [IF:0.65]

24. Dipankar Saha, Surajit Kumar Ghosh, Trishna Das, **Shanti Bhushan Mishra**. "Hypoglycemic and anti-hyperlipidemic effects of *Adiantum caudatum* in alloxan-induced diabetes in rats" **Asian J Pharm Clin Res**, 2016, 9(1):339-341. [IF:0.40]

25. Trishna Das, Bhabesh Das, Dipankar Saha, **Shanti Bhushan Mishra**. "Antihyperglycemic activity of hydro-alcoholic bark extract of *Manilkara hexandra* (Roxb) in streptozotocin-induced diabetic rats" **Int. J. Pharm. Pharm. Sci.** 2016, 8(4): 185- 188 [IF:0.51]

26. Bhupesh Kumar Vema, Alok Mukerjee, Amita Verma, **Shanti Bhushan Mishra** and Alka Verma. Preclinical screening of Antiulcer activity of *Asparagus racemosus* extract on phenylbutazone induced ulceration in experimental animals. **J Med. Plants Stud.** 2017; 5(2): 348-352.

27. Bhupesh Kumar Vema, Alok Mukerjee, Amita Verma, **Shanti Bhushan Mishra** and Alka Verma. Antiulcer study of *Capparis zeylanica* extract on gastric secretions and Phenylbutazone induced chronic ulceration in experimental animals. *J. Pharm. Res.*, 2017; 16(2): 126-133

28. **Shanti Bhushan Mishra**, Alok Mukerjee. *In vivo* and *ex vivo* evaluation of *Luffa acutangula* fruit extract and its fractions for hepatoprotective activity in wistar rats. *Int. J. Pharm. Sci. Res.* 2017; 8(12): 5227-5233 [IF:2.60]

29. Arvind Kumar Srivastava, Alok Mukerjee, P W Ramteke, Himanshu Pandey, **Shanti Bhushan Mishra**. Antiulcer Potential of *Cucumis melo* var. *momordica* (Roxb.) Duthie & Fuller Fruits in Experimental animal. *J. Pharm. Res.* 2017; 16(3): 218-223

30. Charu Dwivedi, Ishan Pandey, Himanshu Pandey, Sandip Patil, **Shanti Bhushan Mishra**, Avinash C Pandey, Paolo Zamboni, Pramod W Ramteke, Ajay Vikram Singh. *In vivo* diabetic wound healing with nanofibrous scaffolds modified with gentamicin and recombinant human epidermal growth factor. *Journal of Biomedical Material Research Part A* 2018; 16(3): 641-651 [IF:3.072]

31. Arvind Kumar Srivastava, Alok Mukerjee, P W Ramteke, Himanshu Pandey, **Shanti Bhushan Mishra**. Evaluation of wound healing activity of ethanolic extract and its fraction from *Cucumis melo* var *momordica* Duthie and Fuller. *Journal of Medicinal Plants Studies* 2018; 6(1): 225-228

32. **Mishra S. B.**, Singh S., Mukerjee A. Development and validation of high-performance thin-layer chromatographic method for the determination of Rutin from the aerial parts of *Alhagi pseudalhagi* (M. Bieb) Desv. *Indian Drugs*, 2018; 55(5):37-41. [IF:0.14]

33. Shradhanjali Singh, Alok Mukerjee, **Shanti Bhushan Mishra**, Yogita Srivastava. Assessment of Anti-Arthritic Potential of Ethanolic Extract and its Fractions of Aerial Parts of *Alhagi pseudalhagi* (Bieb.) Desv. in Animal Models. *Oriental Pharmacy and Experimental Medicine*, 2018; 18(3):199-208. [IF 0.73]

34. **Mishra, Shanti Bhushan** and Simon, Mamta and Mukerjee, Alok and Rani, Soniya and Parashar, Tarun, Phytochemical Investigation and Antidiabetic Activity of *Oroxylum indicum* Vent. Seed (December 10, 2018). Available at **SSRN**: <https://ssrn.com/abstract=3298676> or <http://dx.doi.org/10.2139/ssrn.3298676>

35. Anil Kumar Singh, Himanshu Pandey, Pramod W Ramteke, **Shanti Bhushan Mishra**. Ursolic acid Nanoparticles as novel Amylolytic enzyme inhibitors. *Latin American Journal of Pharmacy*, 2019, 38(3): 513-517 [I.F. 0.6]

36. Shradhanjali Singh, **Shanti Bhushan Mishra**, Alok Mukerjee. Clerodendrum serratum (L.) Moon leaf extract and its chloroform fraction attenuates acute and chronic arthritis in albino rats. *Biocatalysis and Agricultural Biotechnology*, 2019, 22, 101399 doi.10.1016/j.bcab.2019.101399 [I.F. 0.4]

37. Anil Kumar Singh, Himanshu Pandey, Pramod W Ramteke, **Shanti Bhushan Mishra**. Nano-suspension of Ursolic acid for improving oral bioavailability

and attenuation of type II diabetes: A Histopathological investigation. **Biocatalysis and Agricultural Biotechnology**, 2019, 22, 101433 [I.F. 0.4]

38. Nimesh Kumar Dubey, **Shanti Bhushan Mishra**, Alok Mukerjee, Akanksha Singh. Graphene conjugated usnic acid nano-formulation for the treatment of topical fungal infection. **International Journal of Pharmacy and Pharmaceutical Sciences**, 2020, 12(5): 47-53. [I.F. 0.51]

39. **Shanti Bhushan Mishra**, Nidhi Kumari. Engineering of crystalline nano-suspension of Lycopene for potential management of oxidative stress linked diabetes through improving oral bioavailability in experimental animals. **BioNanoScience**, 2021, 11(2): 345-354. doi.org/10.1007/s12668-021-00843-4.

40. Singh AK, Mukerjee A, Pandey H, **Mishra SB**. Fabrication of solid lipid nanoparticles by hot high shear homogenization and optimization by Box-Behnken design: An accelerated stability assessment. **J Appl Pharm Sci**, 2021, 11(9):35-47.

41. Nishi Gupta, Alok Mukerjee, **Shanti Bhushan Mishra**. Design, Synthesis and Molecular Docking of Vanillic Acid Derivatives as Amylolytic Enzyme Inhibitors. **Pharm Chem J** 2021, 55(5):427-435 <https://doi.org/10.1007/s11094-021-02439-4>

42. Vineet Srivastava, Alok Mukerjee, Paras Gupta, Mukul Maurya, **Shanti Bhushan Mishra**. Phytochemical and Antidiabetic Assessment of *Nymphaea nouchali* Leaves on Experimental Animals. **Journal of Huazhong University of Science and Technology**, 2021, 50(8):1-9.

43. Nishi Gupta, Alok Mukerjee, **Shanti Bhushan Mishra**. Nano-formulation of 4-Hydroxy-3-methoxybenzohydrazide: Preparation, characterization and studies of antihyperglycemic and antioxidant activities as evaluated through amelioration of pancreatic Dysfunction in experimental animals. **Journal of the Indian Chemical Society**, 2022, 99, 100282. <https://doi.org/10.1016/j.jics.2021.100282>

44. Amit Kumar Singh, Alok Mukerjee, Himanshu Pandey, **Shanti Bhushan Mishra**. Miconazole Nitrate-Loaded Solid Lipid Nanoparticle-Based Hydrogel Ameliorate *Candida albicans* Induced Mycoses in Experimental Animals. **BioNanoScience**, 2022, 12, 512-526. <https://doi.org/10.1007/s12668-022-00948-4> [I.F. 3.0]

45. Devendra Singh, Virendra Singh, **Shanti Bhushan Mishra**, Deepmala Sharma, Vishnu Agarwal. Evaluation of anti-biofilm, anti-quorum, anti-dysenteric potential of designed polyherbal formulation: *in vitro* and *in vivo* study. **Journal of Applied Biomedicine**. 2022;20(1):7-14. <https://doi:10.32725/jab.2022.005> [I.F. 1.6]

46. Singh S., Chaudhary V., **Mishra S.B.**, Singh A.K. *Euryale ferox* Salisb ameliorates arthritis in experimental animals. **Journal of Research in Pharmacy**, 2022, 23(3): 753- 769. <http://dx.doi.org/10.29228/jrp.173> [I.F. 0.86]

47. **Shanti Bhushan Mishra**, Divya Rani Sharma, Shradhanjali Singh. *Mucuna pruriens* (Velvet bean) seed extract ameliorates epilepsy and anxiety

against in vivo experimental models: A histopathological analysis. *NeuroQuantology* 2022, 20(8): 3240-3254. doi:10.14704/nq.2022.20.8.NQ44353 [I.F. 0.28]

48. Man Singh, Danish Ahmed, Himanshu Pandey, Rahul Deo Yadav, Shradhanjali Singh, **Shanti Bhushan Mishra**, Modulation of IL-6 In Ameliorating Arthritic Conditions In Rats By Rosa Alba L Flower Extract And Fraction. *NeuroQuantology* 2022, 20 (9): 734- 741. doi: 10.14704/nq.2022.20.9.NQ440082 [I.F. 0.28]

49. Man Singh, Danish Ahmed, Himanshu Pandey, Rahul Deo Yadav, Shradhanjali Singh, **Shanti Bhushan Mishra**. Assessment of Antiarthritic Potential of *Carica Papaya* L. Leaves Extract and Fractions: Histopathological Analysis. *Journal of Pharmaceutical Negative Results*, 2022, 13(05):291-299. <https://doi.org/10.47750/pnr.2022.13.S05.41>

50. Jyoti Nanda, Munesh Mani, **Shanti Bhushan Mishra** and Neeraj Verma. *Michelia champaca* leaf extracts exhibit hypoglycemic effect and hypolipidemic activity in streptozotocin-nicotinamide-induced diabetic rats. *Int. J. Pharm. Sci. Res.* 2022, 13(12):5200-5206

51. Jyoti Nanda, Munesh Mani, **Shanti Bhushan Mishra** and Neeraj Verma. Phytochemical screening and in vivo antioxidant activity of *Plumeria alba* leaf extracts in Streptozotocin-nicotinamide-induced diabetic rats. *NeuroQuantology* 2022, 20(16): 3158-3166 | doi: 10.48047/NQ.2022.20.16.NQ880320 [I.F. 0.28]

52. **Shanti Bhushan Mishra**, Mukul Maurya, Vineet Srivastava. Heartwood Extract of *Neolamarckia cadamba* Ameliorates Oxidative Stress Linked Type II Diabetes in Wistar Albino Rats. *Research Journal of Pharmacy and Technology* 2023, 16(3):1121-1126. DOI: 10.52711/0974-360X.2023.00187 [I.F. 0.87]

53. Jyoti Nanda, Munesh Mani, **Shanti Bhushan Mishra** and Neeraj Verma. Antihyperglycemic Activity of *Plumeria alba* Linn. Leaves Extracts in Streptozotocin- nicotinamide Induced Diabetic Rats. *Biomed Pharmacol J* 2023;16(1):567-571. <https://dx.doi.org/10.13005/bpj/2638> [I.F. 0.19]

54. M. Singh, D. Ahmed, H. Pandey, R.D. Yadav, S. Singh, **S.B. Mishra**, Modulation of IL-6 in ameliorating arthritic conditions in rats by Rosa alba L flower extract and fraction, *Rev. Colomb. Cienc. Quim. Farm.*, 2023, 52(1): 249-273.

55. Pradeep Kumar Vishwakarma, Revathi A. Gupta, Gaurav Jain, **Shanti Bhushan Mishra**, Khushboo Vishwakarma. Design, Optimization and Evaluation of Nanointment with Smart Carrier for enhanced Antifungal Efficacy- A Tool For Antimicrobial Resistance. *Eur. Chem. Bull.* 2023, 12(5): 3909 – 3924. DOI: 10.48047/ecb/2023.12.si5a.0288

56. **Shanti B. Mishra**, Deeksha Singh, Amit K Singh, Shradhanjali Singh. Encapsulation of Thyme Oil into Microsponges: Preparation, Characterization and in-Vitro Evaluation. *Indian Drugs*, 2023, <https://doi.org/10.53879/id.60.06.13428>

[I.F. 0.11]

57. Pradeep Kumar Vishwakarma, Revathi A. Gupta, Gaurav Jain, **Shanti Bhushan Mishra**, Khushboo Vishwakarma. Supertool for Superbugs—Smart “Nanointment of Graphene Usnic Acid Nanoparticles” Against Antimicrobial Resistance (AMRs). *BioNanoScience*. 2023, 13: 1231 – 1242. DOI: <https://doi.org/10.1007/s12668-023-01153-7> **[I.F. 3.0]**

58. Pradeep Kumar Vishwakarma, Revathi A. Gupta, Gaurav Jain, **Shanti Bhushan Mishra**, Khushboo Vishwakarma. *In vitro* and *in vivo* evaluation of nanoparticles-based ointment with enhanced antifungal efficacy. *Annals of Materials Science & Engineering*. 2023, 7(1): 1048.

59. **Shanti Bhushan Mishra**, Priya Mishra, Nishi Gupta. *Angelica glauca* oil exhibits anti- depressant like effect in experimental animals: An *in silico*, ADMET, and *in vivo* investigation. *Trends in Current Biology*. 2023 1(1): 4-9. <https://doi.org/10.14719/tcb.2868>

60. Rahul Deo Yadav, Himanshu Pandey, Man Singh, **Shanti Bhushan Mishra**, Shradhanjali Singh, Danish Ahmed. Phytochemical, Toxicological, and Anti-Hyperglycemic Evaluation of *Pennisetum purpureum* in Sprague-Dawley Rats. *Current Trends in Biotechnology and Pharmacy*. 2024 18(2): 1697-1704. <https://doi.org/10.5530/ctbp.2024.2.18>

61. Rahul Deo Yadav, Sarita K. Yadav, Man Singh, Himanshu Pandey, Shradhanjali Singh, **Shanti Bhushan Mishra**, Sunil K Prajapati, Danish Ahmed. Assessment of Anti- Diabetic potential of *Pennisetum Glaucum*: Biochemical and *in vivo* studies. *Azerbaijan Pharmaceutical and Pharmacotherapy Journal*. 2024 23(1): 108-115. DOI: <https://doi.org/10.61336/appj/23-1-21>

62. **Shanti Bhushan Mishra**, Pavan Kumar Yadav. *Raphanus Sativus* Seed Extract Nanoparticles as Anti-Diabetic Amylolytic Enzyme Inhibitors. *Nanochemistry Research*. 2024, 9(3): 216-222, DOI: [10.22036/ncr.2024.03.005](https://doi.org/10.22036/ncr.2024.03.005)

63. **Shanti Bhushan Mishra**, Krishnadhar Dwivedi, Amit Kumar Singh, Shradhanjali Singh. Targeting Inflammation with *Vitex negundo* Essential Oil Nanoemulsion: *In Vitro* and *In Vivo* Investigation. *Pharmaceutical Sciences Asia*, 2024, (In press)

Review Articles:

1. **Shanti Bhushan Mishra**, Sumeet Dwivedi, Shashi Alok “Diabetes: Epidemiology, pathophysiology, and drug therapy” *Farmavita.net journal* (<https://www.farmavita.net/farmavitanet-journal/life-science-files/53-life-science-article/555-diabetes>)
2. **Shanti Bhushan Mishra**, Sumeet Dwivedi, Shashi Alok “Herbal drug toxicity: A Review” *Farmavita.net journal* (<https://www.farmavita.net/farmavitanet-journal/life-science-files/53-life-science-article/554-herbal-drug-toxicity>)
3. **Mishra S.B.**, Dwivedi S., Shashi A., Dwivedi N., Jain S., “Pharmacy on Net” *Farmavita.net journal* (<https://www.farmavita.net/farmavitanet-journal/life-science-files/53-life-science-article/794-pharmacy-on-net>)

4. **Shanti Bhushan Mishra**, Sumeet Dwivedi, "A Review on Hepatotoxicity" *Pharmaceutical Reviews*, 2008, 6 (6): (<https://www.researchgate.net/publication/26573226>)

5. **Shanti Bhushan Mishra**, Kiran Prajapati "Adverse reaction due to drug interaction" *Farmavita.net journal* (www.farmavita.net/documents/ADVERSE+REACTIONS.pdf)

6. **Shanti Bhushan Mishra**, Satish Singh Kadian, "Cancer therapy in Ayurveda: A systemic review" *Pharmaceutical Reviews*, 2009, 7 (4): (www.researchgate.net/profile/Dr-Shanti-Bhushan-Mishra/publication/210204192)

7. **Shanti Bhushan Mishra**, "Global program on vaccination: An overview" *Pharmaceutical Reviews*, 2009, 7 (6): (www.researchgate.net/publication/210204260)

8. **Shanti Bhushan Mishra**, Kadian S.S, Saxena P.K. Shashi Alok, Shukla P. "Hirsutism: An overview" *Farmavita.net journal* ([https://www.farmavita.net/documents/hirsutism-an%20overview.pdf](http://www.farmavita.net/documents/hirsutism-an%20overview.pdf))

9. **Shanti Bhushan Mishra**, Amita Verma, Vijayakumar M. Osteoarthritis: An Overview with diagnostic criteria. *Int. J. Pharm. Res.* 2010, 1(1): 22-38

10. **Mishra Shanti Bhushan**, Rao Ch. V., Ojha S.K., Vijayakumar M., Verma A. "An Analytical review of plants for anti-diabetic activity with their phyto-constituents & mechanism of action" *Int. J. Pharm. Sci. Res.* 2010, 1(1): 29-46 [IF:2.60]

11. **Shanti Bhushan Mishra**, Alok Mukerjee, Shradhanjali Singh, "Turmeric: A time tested folk medicine with Ayurvedic perspective" *J. Pharm. Biomed. Res.*, 2011, 1(2): 67-74 [IF:0.65]

12. **Shanti Bhushan Mishra** "Relationship between insulin resistance and associated diseases: An overview with its mechanism" *Int. J. Ther. Appl.*, 2012, 5: 38-47 [IF:0.65]

13. Piyush Tripathi, Rahul Sharma, **Shanti Bhushan Mishra**. Drug development, especially "cancer "Based on molecular biomarkers. *Pharma Tutor*, 6 June, 2013, <https://www.pharmatutor.org/articles/drug-development-especially-cancer-based-on-molecular-biomarkers>.

14. **Shanti Bhushan Mishra** "Perspective of Potential Plants for Medicine from Rajasthan, India" *Int. J. Pharm. Res.*, 2016, 7(1): 1-9.

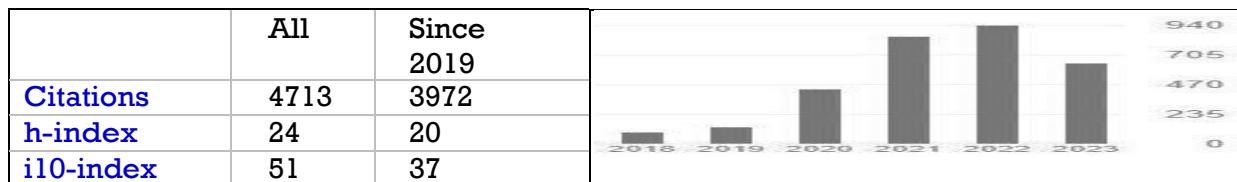
15. Rohit Kumar Bijauliya, Shashi Alok, Man Singh, **Shanti Bhushan Mishra**. Morphology, phytochemistry and pharmacology of *Syzygium cumini* (Linn.) - An overview. *Int. J. Pharm. Sci. Res.* 2017; 8(6): 2360-71. doi: 10.13040/IJPSR.0975- 8232.8(6).2360-71 [IF:2.60]

16. Rohit Kumar Bijauliya, Shashi Alok, Man Singh, **Shanti Bhushan Mishra**. A Comprehensive Review on Cancer and Anticancer Herbal Drugs. *Int. J. Pharm. Sci. Res.* 2017; 8(7): 2740-61. doi: 10.13040/IJPSR.0975-8232.8(7).2740-61 [IF:2.60]

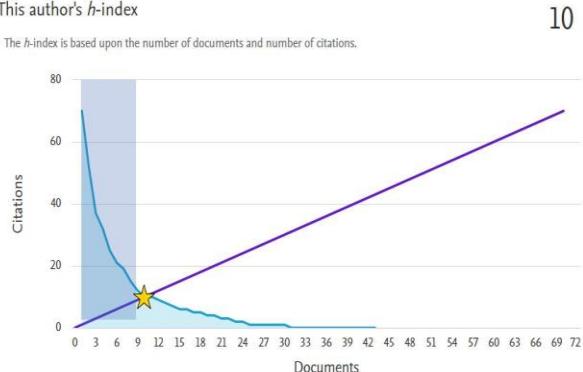
17. Anil Kumar Singh, **Shanti Bhushan Mishra**, Bhupesh Kumar Verma. Impact of Nanotechnology on Diabetes: Phytoconstituents based overview. *Int. J.*

18. Shanti Bhushan Mishra, Priya Mishra. A Critical Analysis of Medicinal Plants for Anti-Depressant Action with Their Phyto-Constituent & Mechanism of Action. Asian J Res Pharm Sci. 2024, 14(1): 19-26. DOI: 10.52711/2231-5659.2024.00004

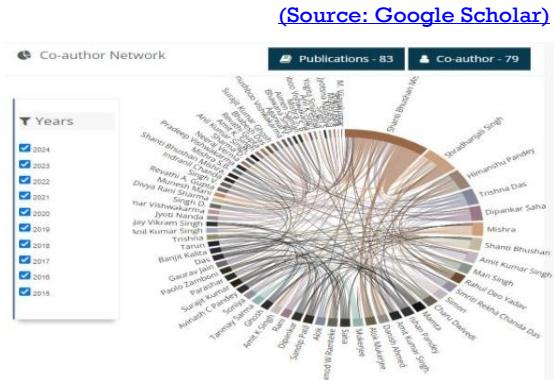
④ Citation indices of all published articles



This author's h-index
The h-index is based upon the number of documents and number of citations.



[H-index \(Source: scopus\)](#)



[Source: Vidwan](#)

SEMINAR/CONFERENCE/SYMPPOSIA

- Invited as chairperson** in National seminar on Interdisciplinary Insights: Artificial Intelligence and Holistic Healthcare at Chandrashekhar Singh College of Pharmacy, Kaushambi held on 27 December 2023.
- Delivered an invited lecture** in the department of Botany at HNB PG college, Naini, Prayagraj on February 22, 2023, on the topic Plant's secondary metabolites: Extraction& screening.
- Delivered an invited talk as a guest speaker** in a national seminar on Current Scenario and Future prospects of medicine in health management on 1st February 2020 organized by the Department of Pharmacy, MLN Medical College, Allahabad entitled “Preclinical assessment of anti-hyperglycemic and antioxidant action of indigenous plants in diabetic experimental animals.
- Oral presentation** in AKTU and IPA sponsored International seminar on Herbal Pharmacovigilance: Current Scenario and Future Strategies on 31st August 2018 conducted by ITS College of Pharmacy, Ghaziabad entitled “Safety Monitoring of Herbal Medicines in Pharmacovigilance Systems.
- Attended a national seminar on “Non-Communicable Diseases: Causes, Consequences and Treatments” held on 12th October, 2017 at Uttar Pradesh Rajarshi Tondon Open University, Allahabad
- Presented a poster** entitled “ Nanoadditives: Propitious Alternative For {14}

Increase Biofuel Performance" in the National seminar on " Altering Paradigm of Biomaterials in Drug Development" held on 7th October, 2017 at United Institute of Pharmacy, Allahabad.

7. **Oral presentation** in ICMR and SERB sponsored national conference on recent trends on nanotechnology in biomedical drug research from 25-26 February, 2017 conducted by HIPER, Nadaun entitled "Reduction of oxidative stress and anti-diabetic activity of Lutein loaded nanoparticles from *Spinacea oleracea*.
8. **Delivered a lecture** in National seminar on future trends of pharmaceutical industry in India at Kashi Institute of Pharmacy, Varanasi entitled "Impact of Nanotechnology on Diabetes: Role of Biomarkers" on 26 October, 2016
9. Organized one-week **Faculty Development Program** on Smart Material in Drug delivery from 19-23, January 2016 as **FDP Coordinator** held at United Institute of Pharmacy, Naini, Allahabad
10. **Oral presentation** in National seminar on Future aspects and challenges in pharmaceutical technologies on February 14, 2015 conducted by Shambhunath Institute of Pharmacy, Allahabad, entitled "Preclinical assessment of antihyperglycemic and antioxidant action of *Strychnos potatorum* seeds in streptozotocin-nicotinamide induced experimental animals.
11. **Organized one day National Conference** as **organizing secretary** on "Lead development and drug designing-Emerging opportunities", organized by United Institute of Pharmacy, Naini, Allahabad held on 26th September 2014.
12. **Presented a poster** entitled "Herbal drug toxicity" in the National seminar on "Emergingtrends of drug delivery systems in the pharmaceutical field" held on 15th February 2014 at Shambhunath Institute of Pharmacy, Allahabad
13. **Presented a poster** entitled "An analytical review of plants for antidiabetic activity with their phytoconstituents and MOA" in the National seminar on "Recent trends in drug development" held on 9th January, 2014 at Amity University, Lucknow
14. **Oral presentation** in National Conference on Protoscience, Health & well Being: Global Concern & Approach on March 07-08, 2013 conducted by Faculty of Health Science, SHIATS, Allahabad entitled "antihyperglycemic & antioxidant activity of extract of *Saraca asoca* flowers.
15. **Presented a poster** entitled "Role of Herbs in Production of Natural Pharmaceuticals" in National conference on "Challenges in drug development and research- A proactive approach" held during 21-22nd March, 2013 at United Institute of Pharmacy, Allahabad.
16. Participated in **Young Talent Hunt** organized by National Professionals & Academicians Academy, Bangalore on 8 June 2012
17. **Poster presentation in RTPER 2011** conducted by SHEAT college of pharmacy Varanasi entitled "Antidiabetic activity of leaves extract of *Hyptis suaveolens* in streptozotocin induced diabetic rats."

18. Poster presentation in National seminar on Herbal Drug Technology: Perspective & Prospective conducted by United Institute of Pharmacy Allahabad entitled “Morphoanatomic aspects & Physicochemical analysis of *Amaranthus spinosus L.*.”

19. Oral presentation in International conference on radiation, environment & health (ICREH-2010) conducted by NGBU, Allahabad entitled “anti hyperglycemic activity of *Jatropha curcas* leaves extract in alloxan induced diabetic rats”.

20. Poster presentation in IHPA 2009 conducted by KGMC Lucknow entitled “Evaluation of leaves extract of *Jatropha curcas* L. for antihyperglycemic activity in alloxan induced diabetic rats”

21. Poster presentation in 60th IPC 2008 conducted by NSIT New Delhi entitled “Wound healing activity of the aqueous alcoholic extract of *Jasminum grandiflorum* Linn.”

22. Poster presentation in National Seminar Emerging trend in Pharma Research entitled EPILEPSY: Management & Therapeutic intervention, organized by SLT Institute of Pharmaceutical Sciences, Guru Ghasidas University. (C.G.)

23. Poster presentation in KEPELER-2007 conducted by J.C.Bose Institute of Life Sciences, B.U. Jhansi, entitled Natural Products against Cancer disease.

24. Have presented papers on social issues for Prasar Bharti Akashvani Lucknow.

25. Attended 2nd Sam Higginbottom memorial lecture series 2012 organized by Department of Pharmaceutical Sciences, FHS, SHIATS, Allahabad on 09 November 2012.

26. Attended National seminar on Prospective role of Pharmaceutical Sciences & technology in health care system of the community organized by Shambhunath Institute of Pharmacy, Allahabad on 7 April 2012.

27. Attended national seminar sponsored by University of Pune on the theme “current trends in cGMP and regulatory requirements organized by R G Sapkal College of Pharmacy, Nasik on 25-27 February 2012.

28. Attended National seminar on Biotechnology in Pharmaceutical Sciences: Recent Avenues organized by Department of Pharmaceutical Technology, Jadavpur University, Kolkata on 2-3 December 2011.

29. Attended Sam Higginbottom memorial lecture series 2011 organized by Department of Pharmaceutical Sciences, FHS, SHIATS, Allahabad on 28 February 2011.

30. Attended National seminar on Health & Environment: Issues and Challenges organized by, FHS, SHIATS, Allahabad on 6-7 May 2010.

31. Attended IPGA silver jubilee conference 2009 on “Challenges & opportunities for pharmacy graduates in 21st century” at ISF college of Pharmacy, Moga on 7-9 November 2009

32. Attended 59th IPC in 2007 conducted by Banaras Hindu University, Varanasi

- 33. Attended 55th IPC in 2003 conducted by S R Medical College and Research Institute, Chennai on the theme “Pharmacy, medicine management and the national health policy” on 19-21 December 2003
- 34. Attended 54th IPC in 2002 conducted by Bharti Vidyapeeth Pune on the theme “Biotechnology-A challenge to pharmacy profession” on 13-15 December 2002

COMPUTER LITERACY

- MS Office, Internet, Statistical Software (GRAPH PAD PRISM & ANOVA,), Molinspiration, Chembio office, Mcule, Docking.

INSTRUMENT HANDLING

- UV, IR, HPTLC, Flame Photometer, pH meter, Probe Sonicator, Gel Electrophoresis, PCR

COURSES/WORKSHOP/FDP

- Attended a three-day faculty development program (**FDP**) on Educational Methodology and Recent Advancements in Pharmacy from 15-17, October 2023 organized by Netaji Subhash Chandra Bose Institute of Pharmacy, Nadia, Tatla, West Bengal.
- Attended one-day online **training workshop** on “Pharma QbD” on 02, June 2023 organized by the Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak (HR).
- Attended five five-day faculty development program (**FDP**) on writing research proposals for extramural grants from 01-05, May 2023 organized by Graphic Era Hill University, Dehradun.
- Organized one-week faculty development program as **FDP** Coordinator on Recent advancements in Pharmaceutical Sciences: Research to Revenue from 22-27, August 2022 at UIP, Prayagraj.
- Attended National workshop on Massive open online courses (**MOOCs**) at CTE, Central Institute of Higher Tibetan Studies Sarnath Under PMMMNMIT Scheme from 23-24 September 2019.
- Attended PCI-sponsored Continuing Education Program for Pharmacy teachers (**CEP**) on Teaching, Learning and Assessment in Pharmacy Education: Approaches and Innovation at Laureate Institute of Pharmacy, Kangra (H.P.) from 6-8 January 2019.
- Delivered an **invited talk** in a self-financed short-term course on Computer Aided Drug Designing at **MNNIT, Allahabad** on June 2, 2016
- Attended pre-conference **workshop** on “Therapeutic advances for Diabetes mellitus” organized by Primary Healthcare 2016, OMICS International on 03 December 2015 at SHIATS, Allahabad.
- Invited as a **resource person** in a workshop on Bio-analytical Techniques in Modern Chemistry Organized by the Department of Chemistry, SHIATS, Allahabad
- Delivered an **Invited talk** in the workshop on Microbial and Molecular Aspects

of Biotechnology Organized by the Department of Biotechnology and Microbiology, ChinmayaDegree College, BHEL, Hardwar

- Attended Quality Improvement Programme (**QIP**) at Jadavpur University, Kolkata.
- Attended workshop on Biotechnology in Pharmaceutical Sciences: Recent Avenues at Department of Pharmaceutical Technology, Jadavpur University, Kolkata
- Attended workshop on Computational Biology & Drug Design at Department of Pharmaceutical Sciences, FHMS, SHIATS, Allahabad

TRAINING & PROJECTS

- Attended IP awareness/training program under the National Intellectual Property Awareness Mission (**NiPAM**) organized by the Intellectual Property Office, India on April 11, 2023.
- Participated in the three days training program for nominees of CPCSEA organized by CPCSEA from 7-9 March 2017
- Exposure to formulation of medicines during the one-month summer training program in Signa Pharma Pvt. Ltd. Kanpur.
- Executed a Project on "**Estimation of HDL_c increasing mechanism of Cardwin**", granted by Shree Baidyanath Ayurved Bhawan Pvt. Ltd., and Nanotechnology Application Centre, University of Allahabad, Allahabad, INDIA (Total fund granted 7.0 lakh)

ACCOMPLISHMENT

- Achieved 1st rank in M. Pharm. and got Chancellor **Gold Medal** in Pharmacognosy. Received **Academic Excellence Award** by United Group of Institutions, Prayagraj in 2017.
- Received **certificate of Academic Excellence** from the United Institute of Pharmacy in 2022.
- Received **Prof. M L Schroff Pharma Recognition Award** by PharmaLok.
- **Reviewer**: Journal of Research and Education in Indian Medicine, journal of toxicology & environment health science, British Journal of Pharmaceutical Research, International Journal of Pharma & Bio Sciences, Plant Science Today
- **Member of editorial board**: Journal of Pharmaceutical & Biomedical Research, International Journal of Therapeutic Application, News Letter UNITIAN, International Journal of Pharmacy Research, Journal of Nutraceuticals and Health
- **Member of advisory Board**: International Journal of Pharma Professional Research, International Journal of Pharmaceutical Sciences & Research
- **Individual Member** of Asian Council of Science Editors, Dubai, United Arab Emirates.
- Selected as a **nominee of CCSEA** (Committee for the Control and Supervision of Experiments on Animals) under the Ministry of Environment, Forest and Climate Change Government of India
- **Lifetime member** of the Association of Pharmaceutical Teachers of India, Indian Science Congress Association Kolkata, Societa Italo-Latino Americana de Etnomedicina, Costa Rica, and American Chemical Society USA.

NUMBER OF STUDENTS GUIDED

- Postgraduates (M. Pharm.) 14
- PhD (Pharmaceutical Sciences) 02 (awarded); 02 (Pursuing)

SELECTED AS PAPER SETTER AND EXTERNAL EVALUATOR

- Sam Higginbottom University of Agriculture, Technology & Sciences, Allahabad
- C.S.J.M. University, Kanpur
- V.B. Singh University, Jaunpur
- Bundelkhand University, Jhansi
- Dr. A P J Abdul Kalam Technical University, Lucknow

INSTITUTIONAL RESPONSIBILITIES & ADMINISTRATIVE SKILLS

- Expert in the documentation of PCI, AICTE, BTE, NBA approval and planning.
- Executed various administrative duties and student welfare activities of UGI.
- Member of Proctorial Board in United Group of Institutions.
- Research coordinator of the United Institute of Pharmacy.
- Coordinator, Internal Quality Assurance Cell of UIP.

SOCIAL PROFILES



PERSONAL DETAILS

Father's Name: Shri K. P. Mishra
Date of Birth: August 15, 1980
Marital status: Married
Language known: Hindi, English
Nationality: Indian

Date: October 14, 2024


Dr. Shanti Bhushan Mishra