

Dr. Nidhan Singh

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I. Publications:

(a) Research Papers Published:

1. Kumar, S.; Kumar, D.; **Singh, Nidhan** and Vasisht, B.D. 2007. *In vitro* free radicals scavenging and antioxidant activity of *Moringa oleifera* pods. *Journal of Herbal Medicine and Toxicology* 1 (2) 17-22. ISSN: 0973-4643.
2. Kumar, S.; Kumar, D.; Manjusha; Saroha, K.; **Singh, Nidhan** and Vashistha, B.D. 2008. Antioxidant and free radical scavenging potential of *Citrullus colocynthis* (L.) Schrad. methanolic fruit extract. *Acta Pharm.* 58: 215–220. ISSN: 1330-0075.
3. Kumar, D.; Kumar, S.; Singh, J.; Narender; Rashmi; Vashistha, B.D. and **Singh, Nidhan**. 2010. Free radical scavenging and Analgesic Activities of *Cucumis sativus* Linn. Fruit Extract. *Journal of Young Pharmacists* 2 (4): 365-368. ISSN: 0975-1483.
4. **Singh, Nidhan** and Vashistha, B.D. 2014. Flowering Plant Diversity and Ethnobotany of Morni Hills, Siwalik Range, Haryana, India. *Int. J. Pharm. Bio Sci.* 5 (2): (B) 214-222. ISSN: 0975-6299.
5. **Singh, Nidhan**, Singh, Balkar and Vashistha, B.D. 2014. Genus *Solanum* L. in North and North-eastern Haryana (India): diversity, ecological status and ethnobotanical significance. *Phytodiversity* 1 (1&2): 31-42. ISSN: 2349-7068.
6. Sharma, H.; Vashistha, B.D.; **Singh, Nidhan** and Kumar, R. 2015. *Tinospora cordifolia* (Willd.) Miers. ex Hook. f. & Thoms. (Menispermaceae): Rapid *in vitro* propagation through shoot tip explants. *Int. Jour. Rec. Sci. Research* 6 (2): 2714-2718. ISSN: 0976-3031. Available online at <http://www.recentscientific.com>.
7. **Singh, Nidhan**; Singh, B.; Singh, G. and Thakur, A.K. 2015. Genus *Cyclanthera* Schrad. (Cucurbitaceae) in India with notes on distribution of *Cyclanthera brachystachya* (Ser.) Cogn. in Himachal Pradesh, India. *Phytodiversity* 2 (1): 51-55. ISSN: 2349-7068.
8. Singh, J.; **Singh, Nidhan**; Satpal, Sharma, K. and Singh, B. 2016. Observations on Plant Formulations for Paediatric Use in Haryana, India. *Journal of Global Biosciences* 5(2) 2016: 3656-3664. ISSN: 2320-1355. Available at: <http://www.mutagens.co.in/jgb/vol.05/2/050207.pdf>

9. Ravinder Kaur, **Nidhan Singh** and Vashistha, B.D. 2016. Floristic Diversity of District Karnal, Haryana. International J. of Life Sciences 4 (3) 361-371. ISSN: 2320-964X (Online); 2320-7817 (Print). Available at: <http://www.ijlsci.in/volume-4-issue-3-september-2016>.
10. Kaur, M.; **Singh, Nidhan** and Vashistha, B.D. 2017. Floristic Diversity of Ambala District, Haryana, India. Plant Archives 17(2): 993-1003. ISSN: 0972-5210.
11. Lal, M.; **Nidhan Singh** and B.D. Vashistha (2018). *Melhanian futteyporensis* (Sterculiaceae): A new record for the flora of Haryana, India. Plantasia#6, In: Zoo's Print 33(6): 9-12.
12. Sharma, A.; **N. Singh** & W. Adamowski (2019). Scullyi's Balsam *Impatiens scullyi* Hook.f. (Balsaminaceae): A New Record for India from Himachal Pradesh. Journal of Threatened Taxa 11(8):14065-14070. <https://doi.org/10.11609/jott.4823.11.8.14065-14070>.
13. Sharma, Ashutosh; **Singh, Nidhan** and Kumar, Pankaj (2019). Rediscovery of *Calanthe davidii* (Orchidaceae) from Western Himalaya (Himachal Pradesh, India) after a century {Accepted for Publication in Journal of Threatened Taxa (JoTT)}

(b) Books/Book Chapters Published: (02 Books & 1 Chapter)

1. Singh, B.; **Singh, Nidhan** and Kumar, K. 2015. A Pictorial Guide to Common Garden Plants-A Reference Manual of 207 Ornamental Plants Grown in India. Unique Publications, Panipat, Haryana & Association for Promotion of Plant Sciences (APPS), Panipat, Haryana. ISBN: 978-93-83861-45-3. (Book)
2. **Singh, Nidhan** and Borah, D. (2019). Some Himalayan Wild Flowers with Horticultural Potential. In: Khuraijam, J.S. (Ed.) Wild Ornamental Plants of India. ISBN: 978-93-88173-81-0 (HB), Daya Publishing House, Astral International Pvt. Ltd., Darya Ganj, New Delhi. Pp. 105-122. (Chapter)
3. Chaudhary, Shivaji; Kumar, Naveen and **Singh, Nidhan** (2019). A Field Guide to Flowering Plants of the Mehal Hills, Central India. Scientific Publishers, Jodhpur. ISBN: 9789388812047, E-ISBN: 9789388812061. (Book)

II. Papers Presented in Various Seminars/Conferences/Symposia etc.:

1. **Singh, Nidhan** and Vashistha, B.D. 2004. Haryana ke Shivalik vanon mein aavritbeeji podhon ki vividhta ka adhyayan. In: Proceedings: Tiritiya Akhil Bahrtiya Vigyan Sammelan, Pusa, New Delhi, p. 326 (Abstract Book).
2. **Singh, Nidhan** and Vashistha, B.D. 2004. Ethnobotanical uses of some plants utilized by local people in Morni Hills of Siwaliks in Haryana. In: Proceedings: National Seminar on Research

and Developments in Production, Protection, Quality, Processing and Marketing of Medicinal and Aromatic Plants. Department of Plant Breeding, CCS HAU, Hisar, p. 108 (Abstract Book).

3. Singh, Balkar; **Singh, Nidhan** and Pran Nath 2005. *Cordia dichotoma* – A Rare Medicinal Tree of Haryana. In National Seminar on “Role of Medicinal and Aromatic Plants in Ayurveda, Unani and Siddha system of Medicine” held at Department of Plant Breeding CCS Haryana Agriculture University, Hisar from 3-5 March 2005.
4. **Singh, Nidhan** and Vashistha, B.D. 2006. Changing scenario of plant diversity in Haryana Siwaliks. *In: Abstracts: 21st National Symposium on “Recent Advances in Life Sciences and Environmental Conservation in Welfare of Human Society”* Department of Zoology, K.U. Kurukshetra, pp. 106-107 (Abstract Book).
5. **Singh, Nidhan** and Vashistha, B.D. 2006. Assessment of species diversity of Morni Hills in Siwalik range in Haryana. *In: Abstracts: “National Conference on Biodiversity Related International Conventions: Role of Indian Scientific Community”*. Delhi University Botanical Society, Delhi, p. 100 (Abstract Book).
6. **Singh, Nidhan** and Vashistha, B.D. 2006. Species used as medicines by local population in Morni Hills of Siwalik range, Haryana. *In: Abstracts: “National Symposium- Germplasm Evaluation: Present Trends”*. Punjabi University, Patiala, pp. 125-126 (Abstract Book).
7. Singh, Balkar; Singh, Surender and **Singh, Nidhan** 2006. Biodiversity Loss due to Excessive Use of Herbicide and Intensive Agriculture. In National Seminar on “Environmental Stresses and Biodiversity” held at KVA DAV College, Karnal from November 8-9, 2006.
8. Singh, Balkar and **Singh, Nidhan** 2011. Convolvulaceae in Haryana: Floristic Diversity and Some New Records. In National Seminar on Global Warming and Its Impact on Bio-Diversity held at GMN National (P.G.) College Ambala Cantt, Haryana from November 8-9, 2011.
9. **Singh, Nidhan;** Singh, Balkar and Vashistha, B.D. 2013. Diversity and Ethnobotany of Family Solanaceae in North and North-eastern Haryana. In XXIII Conference of Indian Association for Angiosperm Taxonomy and National Seminar on Recent Advances in Plant Taxonomy Research, organized by PG Department of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur (Maharashtra) December 27-29, 2013.
10. Singh, Balkar and **Singh, Nidhan** 2013. Biodiversity Documentation in India: Role of Online Citizen Science Forums. In: XXIII Conference of Indian Association for Angiosperm Taxonomy and National Seminar on Recent Advances in Plant Taxonomy Research, organized by PG

Department of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur (Maharashtra)
December 27-29, 2013.

11. **Singh, Nidhan** and Vashistha, B.D. 2015. Observations on Flora of Morni Hills (Siwalik Range), Haryana (India) with emphasis on Invasive Alien Plants: A threat to Native Vegetation. In: International Conference on Agriculture, Veterinary and Life Sciences-2015. Organized by School of Studies in Zoology & Biotechnology and International Multidisciplinary Research Foundation at Vikram University, Ujjain, Madhya Pradesh, India, January 30-31, 2015.
12. Participated and presented a Poster- “*Boswellia serrata*: A Dwindling Significant Tree in Haryana Siwaliks”. In: UGC Sponsored National Seminar on “The Role of Biology in Bringing Second Green Revolution” organized by Department of Botany, M.S. College, Saharanpur, UP, India, October 11-12, 2015.
13. Participated and presented a Poster- “Tree Species in Haryana Requiring Conservation”. In: DGHE, Haryana Sponsored National Seminar on “Technological Advances in Botanical Sciences” organized by Department of Botany, KVA DAV College for Women, Karnal, Haryana, India, January 21, 2016.
14. Participated and presented a Paper (Orally)- “Some Interesting Plant Records from Morni Hills, Haryana with New Additions to the Flora of Haryana State” in National Conference on Basic and Applied Researches in Plants and Microbes organized by Department of Botany, Punjabi University, Patiala, Punjab, India, November 03-05, 2016.
15. Participated and presented a Paper- “Some New Records of Angiosperms from Northeastern Haryana” in **Swarna Jayanti National Conference** on Biodiversity and Sustainable Utilization of Plant Resources (Oral Presentation) organized by Department of Botany, Kurukshetra University, Kurukshetra, Haryana, February 17-18, 2017.
16. Participated and presented a paper entitled “Some Economically Important Native Trees and Shrubs from Morni Hills, Haryana with Notes on their Distributional Status” in All India Botanical Conference of the Indian Botanical Society and **National Symposium on Evaluation and Conservation of Plant Germplasm**, organized by Department of Botany Punjabi University, Patiala, September 15-17, 2017 (Poster Presentation)
17. Participated and presented a paper entitled “A Successful Decade of Efloraofindia: Participatory Platform for Scientists and Citizen Scientists to document Floristic Diversity of India” at IAAT Conference and International Symposium on Plant Systematics: Priorities and Challenges, held at Delhi University Delhi, November 10-12, 2017 (Oral Presentation)

18. Participated and Presented a Paper entitled-“ Participation of People in Environmental Protection Measures: Towards Building a Sustainable Future Together” in 4th National Conference on “Recent Developments in Science & Technology in Modern Era” (RDSTME-2017) jointly Sponsored by Director General, Higher Education, Haryana an ISST, Gaziabad, organized by Department of Physics, Arya P.G. College, Panipat on December 15, 2017.

III. Seminars/Conferences/Symposia/Workshops/Training Programmes Attended:

1. Participated in the “National Seminar on Ecology and Environmental Management: Issues and Research Needs: organized by Department of Botany, Kurukshetra University, Kurukshetra, January 8-9, 2004.
2. Participated in the ‘Seminar-cum-Training Programme on Electron Microscopy’ organized by Department of Zoology, Kurukshetra University, Kurukshetra, January 29-31, 2004.
3. Participated and presented a paper in “Tritiya Akhil Bahrtiya Vigyan Sammelan” organized by Vigyan Bharti, New Delhi at National Physical Laboratory, IARI, New Delhi, February 19-21, 2004.
4. Participated and presented a paper in “National Seminar on Research and Developments in Production, Protection, Quality, Processing and Marketing of Medicinal and Aromatic Plants” organized by Department of Plant Breeding, CCS HAU, Hisar, February 27-29, 2004.
5. Participated and presented a paper in the “National Seminar on Role of Medicinal and Aromatic Plants in Ayurveda, Unani and Sidhdha Systems of Medicine” organized by Department of Plant Breeding, CCS HAU, Hisar, March 04-05, 2005.
6. Participated in the “National Seminar on Genetically Modified Organisms-Biosafety Aspects” organized by Delhi University Botanical Society, Department of Botany, University of Delhi, Delhi, March 10-11, 2005.
7. Participated in “National Consultative Workshop on Medicinal and Aromatic Plants” organized by G.B. Pant University of Agriculture and Technology, Pantnagar, Uttranchal, June 15-17, 2005.
8. Participated and presented a paper in “National Symposium-Germplasm Evaluation: Present Trends” organized by Department of Botany, Punjabi University Patiala, January 23-25, 2006.
9. Participated in 21st National Symposium on “Recent Advances in Life Sciences and Environmental Conservation in welfare of Human Society” organized by Department of Zoology, K.U. Kurukshetra, February 3-5, 2006.

10. Participated in “National Conference on Biodiversity Related International Conventions: Role of Indian Scientific Community” organized by Delhi University Botanical Society, Department of Botany, Universtiy of Delhi, Delhi, March 8-10, 2006.
11. Participated in 3rd National Workshop on “Reorientation in Life Sciences” organized by Dolphin (PG) College of Life Sciences, Chunni-Kalan (Punjab) and Indian Association of Biology Teachers (Colleges), Patiala, January 20-21, 2007.
12. Successfully completed 4-Week Orientation Course with “A” Grade from Academic Staff College, Kurukshetra University, Kurukshetra from 23-11-07 to 20-12-07.
13. Participated in Training Programme on “Plant Tissue Culture: Opportunities and Challenges” organized by Centre for Plant Biotechnology, CCS HAU Campus, Hisar, September 09-10, 2008.
14. Successfully completed 3-Months NCC PRCN Course (PRCN/SD/143) with “A” Grade from Officers Training Academy, Kamptee (Nagpur) from 24-11-08 to 21-02-09.
15. Qualified “Search and Rescue Course” held at National Civil Defence College, Nagpur from 12-14 January, 2009.
16. Participated in AICTE sponsored Staff development Programme on “Gene Technology for Production Enhancement and Sustainability” organized by Department of Biotechnology, N.C. College of Engineering, Israna, Panipat, July 14-27, 2009.
17. Successfully completed Refresher Course in Bio-Sciences with “A” Grade from Academic Staff College, HP University Shimla from 10-11-10 to 30-11-10.
18. Participated in Three Days Training Programme on Disaster Management Organized by National Institute of Disaster Management (Ministry of Home Affairs, Govt. of India), IIPA Campus, New Delhi, 21-23 November, 2011.
19. Participated in Training Programme on “Techniques and Tools of Plant Molecular Biology” organized by Centre for Plant Biotechnology, CCS HAU, New Campus, Hisar, December 16-22, 2011.
20. Successfully completed Refresher Course in Information Technology (Inter-Disciplinary) with “A” Grade from Academic Staff College, Kurukshetra University, Kurukshetra from 18-06-13 to 08-07-13.
21. Participated and Presented Papers in XXIII Conference of Indian Association for Angiosperm Taxonomy and National Seminar on Recent Advances in Plant Taxonomy Research, organized by PG Department of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur (Maharashtra) December 27-29, 2013.

22. Participated in one day National Workshop titled “Ensuring Quality through Multimedia-assisted Teaching and Learning” organized by IQAC, Guru Nanak Khalsa College, Yamuna Nagar, Haryana, India, February 15, 2016.
23. Successfully completed “Special Summer School on Teaching, Testing and Research in Higher Education” with “A” Grade from UGC Human Resource Development Centre, Rani Durgawati Vishwavidyalaya, Jabalpur (M.P.) from 18-07-2016 to 06-08-2016.
24. Participated in STEM Teacher Training Workshop on Research-Based Pedagogical Tools (Level 1) jointly sponsored by Department of Biotechnology (DBT), Government of India; the British Council and Center of Excellence in Science and Mathematics Education, IISER, Pune (Ministry of HRD, Govt. of India) from September 28, 2018 to October 01, 2018 at Jaipur, Rajasthan.

IV. Any Special Achievements:

1. Acted as Resource Person in one day Workshop on “Phytodiversity and Plant Taxonomy: Tools and Techniques” organized by Department of Botany, Sanatan Dharam College (Lahore), Ambala Cantt, Haryana, India, February 26, 2016.
2. Delivered Invited Talk during “**International Conference on Environment, Development and Sustainability (An Interdisciplinary Conference) (ICEDS2018)**”-Organized by Department of Botany, ASP College, Devrukh (Affiliated to Mumbai University), Maharashtra on December 15, 2018.
3. Delivered Guest Lectures to B.Sc. students of Botany at Department of Botany, ASP College, Devrukh (Affiliated to Mumbai University), Maharashtra, in December, 2018.
4. Active member of efloraofindia google group-the largest group of its kind in India, since 2010, visit: <https://sites.google.com/site/efloraofindia/about-us/pillars-of-efloraofindia> for detailed information.
5. Contributes to more than 100 pages on flowersofindia website, a website dedicated to flowering plants of India, see: <http://www.flowersofindia.net/research/search.php?query=nidhan&stpos=0&sttype=AND> for more information.