

Curriculum vitae of Ekta

Name: **Ekta**

Date of Birth: 29th June 1986

Father Name: Late Sh. Vasudev Singh

Marital Status: Married

Nationality: Indian

E-mail: ektakuk@gmail.com

Mobile: 9816954193, 8219128010

Permanent Address: Ekta

W/O Nischal Bakshi

Near Telephone Exchange, Dhameta Road

Jassur, Tehsil Nurpur

Distt Kangra, HP-176201

SUMMARY

Graduate in Medical, Post-graduate in **Botany** from GNDU Amritsar and PhD in **Botany** from Kurukshetra University, Kurukshetra, Haryana, India. Having more than three years **Research** experience in Botany with specialization in **Ecology**. Awarded PhD Thesis under title (Carbon Dynamics, Nitrogen Cycling & Soil Microbial Diversity in Forestry Plantations). Interested to pursue a long term career in Teaching and Research.

ACADEMIC QUALIFICATIONS:

- **2014:** Ph.D (Ecology) from Kurukshetra University, Kurukshetra
- **2009:** M.Phil (Ecology) with 67% from Kurukshetra University, Kurukshetra
- **2008:** M.Sc (Botany) with 71% from GNDU Amritsar
- **2006:** B.Sc (Medical) with 57.6% from HPU Shimla
- **2003:** Higher Secondary (10+2 Medical) with 63.4% from HPBSE Dharamshala
- **2001:** Secondary (10th Standard) with 65% from HPBSE Dharamshala

EXTRA QUALIFICATIONS:

- Post Graduate Diploma in Floriculture
- Post Graduate Diploma in Environment Education
- Certificate Course in German Language

BIOINFORMATICS COMPETENCES

- Proficient PC skills and ability to learn new software's and systems. Experience in Microsoft Word, Excel, Power point, SPSS.

Ph.D RESEARCH PROJECT (October 05, 2010- October 30, 2013)

Project title: "Carbon Dynamics, Nitrogen Cycling & Soil Microbial Diversity in Forestry Plantations"

M.Phil RESEARCH PROJECT (October, 2008-2009)

Project title: "Plant Biomass & Carbon Pool in Tree Plantations of Seonthi Reserve Forest in Northern Haryana"

JOB PROFILE

- Four Year Teaching Experience (UG & PG Courses) - As Assistant Professor (Botany) at Arni University, Kathgarh, Indora, HP-176401.
- Two and half Year Teaching Experience (UG Courses) - As Assistant Professor (Botany) at Dasmesh Girls College, Mukerian,
- Member of National Conference on "Role of Biological Sciences in Sustainable development & Biodiversity Conservation" on 9-10 March 2017 Organized by Dept of Biosciences & Biotechnology at Arni University.
- Supervision of Project Reports at PG level (M.Sc Botany) - near about 25 Students.

RESEARCH EXPERIENCE

- Google Citation:-34
- h-index:-03
- Book Chapters Published:-03
- Research Publications:-09
- International / National Conference/ Symposia Attended:- 17

MEMBERSHIPS

- Life membership of 'Indian Science Congress Association (ISCA)' (L30830)
- Awards

Got award by Association of Researchers & Academicians, Waynad Kerala, India for outstanding professional & research achievement in the field of Botany in July 2024

REFERENCES:

Prof. (Dr.) S. R. Gupta (Former Head & Dean of Life Science) Dept. of Botany Kurukshetra University, Kurukshetra, Haryana E. Mail: sgupta2002@yahoo.com Mb. 09896261253	Dr. Sarika Sharma (Dean of Basic Science) Dept. of Life Sciences Arni University, Kathgarh, Indora (H.P.) E. Mail: sharmasarika19@gmail.com Mb. 09419158993
--	---

BOOK CHAPTERS

- **Neha Salaria and Ekta Bhalla, 2024. Microbial Synthesis of Nano fertilizers and their applications in agriculture. (Under Publication).**
- **Ekta Bhalla** and S.R. Gupta, 2018. Plant Biodiversity and Carbon Sequestration in Tree Plantations of Seonthi Reserve Forest in Northern Haryana. *Trends in Plant Sciences* (Books Arcade) pp 182-190, ISBN-978-93-86932-20-4.
- **Ekta Bhalla** and S.R. Gupta, 2018. Carbon Dynamics and Soil Microbial Diversity in Forestry Plantations of Northern Haryana. *Trends in Plant Sciences* (Books Arcade), ISBN-978-93-86932-20-4.

FDP

- Completed **two week** Induction Program from 2 May 2024 to 15 May 2024 on “Orientation & Sensitization Program” Organized by Malaviya Mission Teacher Training Programme PU Chandigarh under UGC.
- Completed **one week** Faculty Development Program from 30 June 2020 to 4 July 2020 on topic “Development and Management of MOOCs and Online Courses using LMS-Moodle” Organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under MHRD.
- Completed one month Faculty Induction Program from 28 Jan 2021 to 24 Feb 2021 Organized by Guru Nanak Dev University, Amritsar under HRDC.

RESEARCH PUBLICATIONS

1. **Ekta Bhalla**, 2020. Traditional Uses of Medicinal Plants for Treatment of Widespread Diseases: A Review. *Proceedings of International Conference on Epidemiology and Transmission of Infectious Diseases* (ISBN-978-93-5407-406-6).
2. Meena Kumari and **Ekta Bhalla**, 2017. Phytoplanktonic Diversity and Its Relation to Water Characteristics of River Beas, Indora (HP), India. *Proceedings of National Conference, Arni University* (ISBN 978-93-5268-453-3).
3. Vikram Singh, Ravi Kumar, **Ekta Bhalla**, 2016. Plant Diversity Patterns and Tree Population Structure in Tropical Dry Deciduous Forests in Semiarid Region of North Western India. *International Research Journal of Biological Sciences* 5(4): 19-31. E-ISSN 2278-3202.
4. **Ekta Bhalla**, S.R. Gupta, 2013. The Role of Forestry Plantations in Soil Carbon Sequestration in a Reserved Forest in North-Western India. *American-Eurasian Journal of Agriculture and Environmental Sciences* 13(7): 1019-1026 DOI: 10.5829/idosi.ajeaes.2013.13.07.11474.
5. **Ekta Bhalla**, S.R. Gupta, Neelam, 2013. Plant Diversity and Carbon Stock in a Natural Forest and Plantation at Saraswati Reserve Forest, Pehowa in Northern Haryana, India. *Annals of Biology* 29(2): 244-252.
6. **Ekta Bhalla**, Ravi Kumar, S.R. Gupta, 2012. Functional Plant Diversity in Forestry Plantations of Seonthi Reserve Forest in Northern Haryana. *Eco-Research Journal of Bio-Sciences* 11(1-2): 45-53.
7. Rekha Jangra, S.R. Gupta, Ravi Kumar, **Ekta Bhalla**, 2011. Soil Respiration, Microbial Biomass and Mycorrhizal Diversity in Sodic Grassland Ecosystems in Northwestern

India. *American-Eurasian Journal of Agriculture and Environmental Sciences* 10(5): 863-875.

8. Rekha Jangra, **Ekta Bhalla**, Asha Gaur, S.R. Gupta, 2010. Carbon Sequestration in Sodic Grassland Ecosystems in North-Western India. *American-Eurasian Journal of Agriculture and Environmental Sciences* 9(1): 27-35.
9. Neelam, Ashok Aggarwal, Asha Gaur, **Ekta Bhalla**, S.R. Gupta, 2010. Soil Aggregate Carbon and Diversity of Mycorrhiza as Affected by Tillage Practices in a Rice-Wheat Cropping System in Northern India. *International Journal of Ecology and Environmental Sciences* 36(4): 233-243.

INTERNATIONAL / NATIONAL CONFERENCE/ SYMPOSIA ATTENDED

1. Attended an National Webinar on “Unravelling the National Education Policy 2020” 9th August 2020 Organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD.
2. Rimjhim Bauddh and Ekta Bhalla, 2019. Potentials of Sustainable Development of Medicinal Plants in District Chamba, Himachal Pradesh in the National Seminar on “Interface Between Basic Science Research, Modern Technology & Environmental Sustainability” on 3 May, 2019 Organized by Dept of Zoology at Sri Sai University, Palampur.
3. Meena Kumari and **Ekta Bhalla**, 2017. Phytoplanktonic Diversity and Its Relation to Water Characteristics of River Beas, Indora (HP), India in National Conference on “Role of Biological Sciences in Sustainable development & Biodiversity Conservation” on 9-10 March 2017 Organized by Dept of Biosciences & Biotechnology at Arni University (Poster Presentation).
4. **Ekta Bhalla** and S. R. Gupta “Plant Biodiversity in Forestry Plantations on Moderately Alkali Soils In Northern Haryana” in International Conference in Biodiversity: Current Scenario & Future Strategies 6-8th October 2016 Organized by Department of Zoology, St. Bede’s College, Shimla (Himachal Pradesh), India.
5. **Ekta Bhalla** and S. R. Gupta “Soil Carbon Storage in Tree Plantations on Moderately Alkali Soils in North-Western India” in 3rd Annual National Conference on “Science: Emerging Scenario & Future Challenges III” 11-12th April 2015 Organized by Him Science Congress Association, Himachal Pradesh, Vallabh Govt. College, Mandi (Old block of IIT Mandi), India.
6. **Ekta Bhalla**, Vikram Singh and S. R. Gupta “Plant Diversity in Forestry Plantations of Saraswati Reserve Forest in Northern Haryana” in National Seminar (UGC Sponsored) on “Biodiversity & Sustainable Development” 27th March 2015 Organized by Dept. of Zoology, Chhaju Ram Memeorial Jat College, Hisar, India (Oral Presentation).
7. **Ekta Bhalla** and S. R. Gupta “Carbon Sequestration in Tree Plantations on Degraded Forest Lands in Northern Haryana” in 5th International conference on

- “Plants and Environmental Pollution” 24-27th February 2015 Organized by CSIR-National Botanical Research Institute, Lucknow, India (Poster Presentation).
8. **Ekta Bhalla** and S. R. Gupta “Plant Diversity and Carbon Sequestration in Forestry Systems of Northern Haryana” in National Seminar on “Perspectives in Plant and Environmental Sciences” 11-12th March 2014 Organized by Dept. of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar, India (Poster Presentation).
 9. **Ekta Bhalla** and S. R. Gupta “Carbon Sequestration in Forestry Plantations of Northern Haryana” in National Seminar on “Strategies for Mitigation of Environmental Degradation and Climate Change” 2-3rd March 2012 Organized by Dept. of Environmental Science and Engineering, Guru Jambheshwar University, Hisar, India (Poster Presentation).
 10. **Ekta Bhalla**, Rekha Jangra, Ravi Kumar and S. R. Gupta “The Role of Forestry Plantations in Carbon Storage on Degraded Forest Lands in Northern Haryana” in IUFRO Symposium on “Short Rotation Forestry” 10-12th February 2011 Organized by Dept. of Forestry and Natural Resources, Punjab Agricultural University Ludhiana, India (Poster Presentation).
 11. **Ekta Bhalla**, Ravi Kumar, Asha and S. R. Gupta “Plant Biodiversity and Soil Carbon in Tree Plantations of Seonthi Reserve Forest in Northern Haryana” in seminar on “Biodiversity Conservation for Development” 22nd May 2010 Organized by Dept. of Botany, Kurukshetra University, Kurukshetra, India (Oral Presentation).
 12. **Ekta Bhalla**, Ravi Kumar and S. R. Gupta “The Effect of Tree Plantations on Soil Carbon Pool and Clay Mineralogy” in National Conference on “Botanical Researches-Present Scenario” 18-19th February 2010 Organized by Dept. of Botany, Punjabi University, Patiala, India (Oral Presentation).
 13. Attended a National Conference on “Managing Climate Change-Molecules to Communities” 21-22nd March 2009 Organized by Dept. of Zoology, Kurukshetra University, Kurukshetra, India.
 14. Attended International Conference “MICROCON-Microbes for the Sustainability of Mankind” 3-4th March 2009 Organized by Dept. of Biotechnology Ceast, Panjab University, Chandigarh, India.
 15. Attended an International Conference on “Plant Invasion and Forestry Ecology Concerns and Solutions” 16-18th March 2009 Organized by Dept of Botany, Panjab University, Chandigarh, India.
 16. Attended an International Conference on “Plant Invasion and Risk Analysis” 3-5th March 2013 Organized by Dept of Botany, Panjab University, Chandigarh, India.
 17. Attended 101st Indian Science Congress at 3-7th February 2014 Organized by University of Jammu, India.

I hereby declare that the information given above is true to the best of my knowledge.

Ekta