

# Astha Singh

Research Scholar

Department of Forestry, Wildlife & Environmental Sciences

Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh

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## Research Topic:

*“Influence of Induced Drought on Tolerance Pattern in Some Tree Species of Tropical Deciduous Forest of Chhattisgarh State”*

**Research Supervisor: Dr. K. K. Chandra (Associate Professor)**  
Department of Forestry, Wildlife & Environmental Sciences, GGV.

## Personal Profile:

<b>Date of Birth</b>	: 02 January, 1996	
<b>Father's Name</b>	: Mr. Santosh Kumar Singh	
<b>Mother's Name</b>	: Mrs. Seema Singh	
<b>Marital Status</b>	: Unmarried	
<b>Religion</b>	: Hindu	
<b>Address</b>	: Sahodarpur East, Pratapgarh, Uttar Pradesh	
<b>Pradesh</b>		

## Educational Qualification:

DEGREE	CONCENTRATION IN	NAME OF INSTITUTE	BOARD/ UNIVERSITY	Marks obtained (%)	YEAR
M.Sc.	Environmental Sciences	Kamla Neharu Institute Of Physical & Social Sciences, Sultanpur, U.P. India	Dr. Ram Manohar Lohia Awadh University, Faizabad, U.P., India	64%	2018
B.Sc. (Bio)	Botany, Zoology, Environmental Sciences	Kamla Neharu Institute Of Physical & Social Sciences, Sultanpur, U.P. India	Dr. Ram Manohar Lohia Awadh University, Faizabad, U.P., India	56.33%	2016
Intermediate	Biology, Chemistry, Physics, Hindi, English	Agarwal Public Inter College, Sitapur, U.P. India	U.P. Board	58.4%	2012
High School	Science, Social Science, Hindi, English, Drawing, Mathematics	R. N. Singh Inter College Baghaikala Allahabad, U.P. India	U.P. Board	60.1%	2010

**Experience:** N.A.

**Publications:**

- Published a book chapter “**Impact of Drought on Tropical Forests and Plant Mechanism to Mitigate Drought Stress**” in Tropical Dry Forests by K.K. Chandra, Atul Kumar Bhardwaj, **Astha Singh\*** and Rajesh Kumar in Nova Science Publishers, New York.

**Conferences/Seminars/Training/Certificate courses/Workshops:**

**Workshop**

- Participated in Two week online course on “**Fundamentals of Remote Sensing and GIS Technology**” organized by Indian Institute of Remote Sensing, Dehradun held on 14-28 September, 2021.
- Participated in One-week online FDP-Workshop on “**Writing Effective and Quality Research Paper, How to Publish in Scopus, SCI Listed and reputed Journals?**” organized by Department of Industrial & Production Engineering, Guru Ghasidas Vishwavidyala (A Central University) Bilaspur (C.G.) held on 25-29, January,2022.
- Participated in Two day Workshop on “**Technical and institutional mobility awareness among sericulture beneficiaries/farmers, tasar worm rearing, maintenance of edible plants, plant diseases**” organized by Office of Joint Director Silk Research Development and Training, Koni, Bilaspur (Chhattisgarh) held on 16-17 February,2022
- Participated in Three-day Training Workshop on **Basics in Biostatistics with SPSS, organized by Mergen BioLogics Training and research Pvt. Ltd.** from 30<sup>th</sup> July – 1<sup>st</sup> August 2021.

**Paper/Poster Presented**

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- Presented a Poster entitled “**Haldina Cordifolia: A suitable in-vitro and in-vivo regeneration technique for its domestication and its conservation practices**” at 3<sup>rd</sup> International Conference on Global Initiatives in Agricultural, Forestry and Soil Sciences (GIAFAS 2021) held at Shri Guru Ram Rai University, Dehradun, Uttarakhand, India on 17 – 18 October 2021.

- Presented a paper on **“Salicylic Acid: Role of Phytohormones in growth and development during stress conditions”** at 7<sup>th</sup> International Conference on Environment and Ecology (ICEE 2021) held on 26 – 28 November 2021.
- Presented a paper entitled **“Assessing Drought Resistance Ability in Forest Tree Species to cope Biodiversity losses with changing climate”** in National Symposium cum Workshop on “Biodiversity and its Utilization and Conservation in Central India” organized by Guru Ghasidas Vishwavidyala (A Central University) Bilaspur, Chhattisgarh held on 21-22 February, 2022
- Presented a Poster entitled **“Ecology and Economics: how much they connected as adversaries with antithetical visions”** in International Seminar on “Ecosystem functioning in Anthropocene-ISEFA 2022” organized by Centre of Advance Study in Botany, Banaras Hindu University, Varanasi held on 23-25 February 2022.

**Achievements:** NA

**Any other Information:**

- Work as researcher, Data collection, processing and presentation, Qualitative and quantitative research, MS Office, SPSS, power point.
- Diploma in computer application (one years).
- Course on Computer Concepts (CCC)