

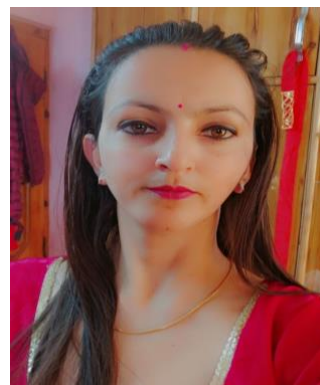
## Dr. Meena Sharma

### Permanent address:

Abhay Kunj, Near Durga Temple, Dhalli, Shimla  
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### Carrier Objective:

I would like to join the organization where I can utilize my skills, talent and can get the personal growth. It can help to achieve organization as well as individual objectives and to be a part of the team dynamically works towards the growth of the organization.

### Educational Qualification:

S. No.	EXAMINATION PASSED	YEAR	DIVISION	INSTITUTION
1.	B. Sc. (Medical)	2008	First	HPU SHIMLA
2.	B.Ed. (Medical)	2009	First	HPU SHIMLA
3.	M.Sc. (Environmental Science)	2011	First	CSKHPKV, Palampur H.P.
4.	UGC NET	2012	First	University Grant Commission
5.	Ph.D. (Environmental Science)	2016	First	Dr. YS Parmar University of Horticulture and Forestry, Nauni Solan (H.P.)
6.	National Post Doctorate Fellowship (N-PDF)	2019	-	HP CCC, HIMCOSTE Shimla

### **Title of M. Sc. Thesis:**

Impact of Environmental Changes and Organic Farming on Growth, Yield and Quality of Ashwagandha (*Withania somnifera*. Dunal) under mid hill conditions of H.P.

### **Title of Ph. D. Thesis:**

Studies on Impact of Climate Change on Vegetable Crop Production in Mid Hills of Himachal Pradesh.

### **National Post Doctorate Fellowship (N-PDF):**

Vulnerability assessment of apple crop to climate change in H.P.?’

**Awards:**

Certificate of merit in Ph. D.

**Working Experience:**

- Worked as **Young Professional II** at **CPRI Shimla** under **NICRA** project from 29<sup>th</sup> May 2018 to 6<sup>th</sup> March 2019
- Worked as **National Post Doctorate Fellow (N-PDF)** at **State Centre on Climate Change, HIMCOSTE Shimla** under **SERB DST** scheme from **March 2019** for **Two and Half years (30 months)** upto **6<sup>th</sup> Sept. 2021**.
- Worked as **Climate Change Adaptation Expert (CCAЕ)** under the project “Community Led Water Management with Rainwater Harvesting and Soil Moisture Management as a Case Strategy for Himachal Pradesh” funded by Deutsche Gesellschaft für Internationale Zusammenarbeit (**GIZ**) GmbH for **one year** from **Sept. 2021** to **Sept. 2022**.
- Worked as **Senior Research Fellow** in a project entitled “**Evaluation of Poly 4 multi-nutrient fertilizer (Polyhalite) for yield attributes, yield and quality of potato crop**” at **Central Potato Research Institute Shimla H.P.** from **Sept. 2022** to **31<sup>st</sup> March 2023**.

**Research Publications:**

1. **Meena Kumari** and RG Upadhyay. 2012. Effect of Spacing, Organic Manures and Time of Transplanting on Growth and Yield of Ashwagandha (*Withania somnifera* Dunal) under Mid Hill Zone of Himachal Pradesh. *Environment & Ecology*. 30 (4): 1272-1275.
2. **Meena Kumari**, Shweta Khosla and RG Upadhyay. 2016. Study on the influence of the organic manures, plantation time and different spacing on physiological and biochemical parameters of ashwagandha prevalent in H.P. *Journal of Hill Agriculture*. 7(1): 32-35.

3. **Meena Kumari**, SC Verma, SK Bhardwaj, Ashok K Thakur, Rakesh Kumar Gupta and Rajnish Sharma. 2016. Effect of elevated CO<sub>2</sub> and temperature on plant growth and development of bell pepper. *Journal of Hill Agriculture*. 7(1): 41-45 DOI 10.5958/2230-7338.2016.00007
4. **Meena Kumari**, SC Verma, SK Bhardwaj, Ashok K. Thakur, Rakesh Kumar Gupta and Rajnish Sharma. 2016. Effect of Elevated CO<sub>2</sub> and Temperature on Growth Parameters of Pea (*Pisum sativum* L.) Crop. *Journal of Applied and Natural Science*. 8 (4): 1941-1946.
5. **Meena Kumari**, SC Verma, SK Bhardwaj and Ashok K Thakur. 2017. Studies on impact of elevated CO<sub>2</sub> and temperature on quality and biochemical parameters of bell pepper (*Capsicum annuum* L) crop. *Indian Journal of Agricultural Sciences*. 87 (2): 179–184.
6. **Meena Kumari**, SC Verma, SK Bhardwaj. 2017. Impact of Elevated CO<sub>2</sub> and Temperature Impact on Quality and Biochemical Parameters of Pea (*Pisum sativum* L.). *Indian Journal of Agricultural Sciences*. 87 (8): 1035–1040.
7. **Meena Kumari**, and SC Verma. 2017. Effect of elevated CO<sub>2</sub> and temperature on leaf damage caused by *S. litura* and infestation of green peach aphid, *Myzus persicae* Sulzer in bell pepper. *Journal of Entomology and Zoology Studies*. 5(6): 1824-1827.
8. **Meena Kumari**, Shweta and Anita Rana. 2017. Effect of spacing, environmental changes and date of sowing on morphology, life cycle, growth, yield and quality of Ashwagandha (*Withania somnifera*. Dunal): A review. *International Journal of Chemical Studies*. 5(6): 1969-1974.
9. **Meena Kumari**, SC Verma and Shweta. 2018. Climate Change and Vegetable Crops Cultivation: A Review. *Indian Journal of Agricultural Sciences*. 88(2): 167-174.

10. Shweta, Rajan Katoch and **Meena Kumari**. 2017. Proximate and anti-nutritional composition of underutilized and common Vigna species of Himachal Pradesh. *Bulletin of Environment, Pharmacology and Life Sciences*. 6(5):31-38.
11. **Meena Kumari**, Shweta, Anita Rana. 2017. A Review on growth, yield and quality attributes of medicinal plant Ashwagandha (*Withania somnifera*. Dunal) under organic farming and environmental changes. *Bulletin of Environment, Pharmacology and Life Sciences*. 6(5):1-10.
12. Shweta, Rajan Katoch, **Meena** and Anita Rana. 2017. Comparative Study of Bioactive components of underutilized and common Vigna species prevalent in Himachal Pradesh. *Bulletin of Environment, Pharmacology and Life Sciences*. 6(8):5-11
13. Anita Rana, **Meena** and Shweta. 2017. Ultrasonic processing and its use in food industry: A review. *International Journal of Chemical Studies*. 5(6): 1961-1968.
14. Shweta and **Meena**. 2016. Phytochemicals of Vigna species: A Short Review. *International Journal on Life science and Bioengineering*. 3:2.
15. Shweta, **Meena** and Anita Rana. 2017. Bioactive Components of Vigna species: Current Prospective. *Bulletin of Environment, Pharmacology and Life Sciences*. 6(8): 17-23.
16. Anita Rana, Nageswer Singh, **Meena** and Shweta. 2017. Study of Analysis of Induced Biochemical Changes in Infected *Calotropis gigantea* Plants. *Bulletin of Environment, Pharmacology and Life Sciences*. 6(9): 25-31.
17. **Meena Kumari**, S C Verma and N K Bharat. 2018. Effect of elevated CO<sub>2</sub> and temperature on incidence of diseases in bell pepper (*Capsicum annuum* L.) crop. *Journal of Entomology and Zoology Studies*. 6(1): 1049-1052.

- 18. Meena Kumari**, SC Verma and SK Bhardwaj. 2018. Impact of elevated CO<sub>2</sub> and temperature on growth and yield attributes of bell pepper crop. *Journal of Agrometeorology* 21 (1): 1-6.
- 19. Meena Kumari**, SC Verma and SK Bhardwaj. 2019. Impact of climate change (elevated CO<sub>2</sub> and temperature) on growth and yield contributing parameters of pea (*Pisum sativum* L.) crop. *Journal of Agrometeorology* 21 (1) : 7-11.
- 20. MEENA KUMARI** and S.C. Verma. 2021. Growth, development and nutritional indices of tobacco caterpillar, *Spodoptera litura* (F) raised on bell pepper plants grown under elevated CO<sub>2</sub> and temperature conditions. *Journal of Agrometeorology* 23 (2) : 163-168.

**Conferences participated:**

- 1. National Conference on Seabuckthorn: Emerging trends from production to consumption**, Feb 16-18, 2010 at CSKHPKV Palampur.
- 2. National Symposium cum Brainstorming workshop on Organic agriculture**, April 19-20, 2011 at CSKHPKV Palampur.
- 3. UGC sponsored National Seminar on “Organic Farming-Need of the Hour”** on March 11, 2015 organized by Community College and PG Department Zoology, Jagdish Chander DAV College Dasuya Punjab, India.

**Abstract published and Poster Presentation:**

1. Shweta and Meena Kumari. 2014. Bioactive components of Vigna species: Current Prospective at DAV College Jalandhar Punjab India
2. Meena Kumari, RG Upadhyay and Shweta. 2014. Effect of organic manures, plantation time and different spacing on physiological parameters, yield and quality of aswagandha prevalent in Himachal Pradesh at DAV College Jalandhar Punjab India

**Books:**

1. Ashwagandha (*Withania somnifera* Dunal) ISBN No. 978-3-659-63048-4

**Computer Knowledge:**

- Microsoft word
- Power point
- Microsoft excel
- Basic Knowledge of computer hardware

**Hobbies:**

Listening music, watching movies, reading short stories etc.

**Strength:**

Capability of executing challenging assignments with right blend of intelligence, diligence and patience Comprehensive problem-solving abilities.

Good verbal and written communication skills.

**Declaration:**

I hereby declare that all the above-mentioned detail written by me is true to the best of my knowledge & belief.

Place: Shimla H.P.

Date: April 2023



(Meena Kumari)