



**Dr. Parveen Sharma, Professor (Vegetable Science)**

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**Field of Specialization and Research interest**

Specialization: Vegetable Breeding

Research Interests:

- Breeding tomato, cucumber and capsicum for protected cultivation.
- Vegetable Grafting.
- Protected cultivation of exotic vegetables.

**Education Qualification**

Examination	Year	Division Obtained	University/Board	Subjects
Ph.D (Veg. Science)	1998	First	CSKHPKV, Palampur	Vegetable Breeding
M.Sc. (Veg. Science)	1994	First	CSKHPKV, Palampur	-do-
B.Sc. (Agri.)	1992	First	CSKHPKV, Palampur	Plant protection as elective
NET (Hortic./Veg.)	1997/1998		ICAR, New Delhi	Horticulture/ Vegetable

**Employment Record along with Professional Experience (in year)**

Post Held	Station & Period	Nature of job
Scientist (Vegetable Sci.)	Dr. YS Parmar University of Horticulture & Forestry at Hamirpur (9 months)	<ul style="list-style-type: none"> <li>❖ Research and extension activities pertaining to vegetable production.</li> <li>❖ Introduction of Kharif onion in mid-hills.</li> </ul>
Scientist. (Vegetable Sci.)	Research Sub Station Akrot (Una), CSKHPKV, Palampur (7.5 Years)	<ul style="list-style-type: none"> <li>❖ Standardized production technology of potential vegetable crops under the protected environment.</li> <li>❖ Associate breeder to develop Himachal Lobia – II variety of vegetable type Lobia.</li> <li>❖ Associate breeder to develop GPF– 2 variety of Chickpea.</li> <li>❖ Associate breeder to develop Palam Pitamber variety of Turmeric.</li> <li>❖ Germplasm collection and varietal evaluation of tomato, garden peas, and okra.</li> <li>❖ DDO of the Research Sub Station.</li> </ul>
Assistant Professor (Vegetable Sci.)	Dept. of Veg. Sci. & Flori. CSKHPKV, Palampur	<ul style="list-style-type: none"> <li>❖ Teaching UG &amp; PG courses pertaining to vegetable science.</li> <li>❖ Recommendation for Portable Low Tunnels for vegetable and nursery production.</li> <li>❖ Breeding tomato for bacterial wilt and nematode resistance.</li> <li>❖ Evaluated exotic vegetables for protected cultivation.</li> </ul>

Associate Professor (Vegetable Sci.) Till 27.12.2015	Dept. of Veg. Sci. & Flori. CSKHPKV, Palampur	<ul style="list-style-type: none"> <li>❖ Teaching UG &amp; PG courses pertaining to vegetable science.</li> <li>❖ Organised one summer school as course co-ordinator on “Protected Cultivation for Enhanced Profitability”</li> <li>❖ Developed bacterial wilt resistant hybrid “Palam Tomato Hybrid-1 for protected cultivation.</li> <li>❖ Generated germplasm of parthenocarpic cucumber and capsicum for developing varieties for protected cultivation.</li> <li>❖ Standardized synthetic mulch technology for vegetable production under the protected environment</li> <li>❖ Extension work as Training Organizer.</li> </ul>
Professor (Vegetable Sci.) Till date	Dept. of Veg. Sci. & Flori. CSKHPKV, Palampur	<ul style="list-style-type: none"> <li>❖ Teaching UG and PG courses pertaining to vegetable Science.</li> <li>❖ Developed Him Palam Yellow Cherry variety of cherry tomato.</li> <li>❖ Developed Him Palam Kheera -1 variety of Parthenocarpic cucumber.</li> <li>❖ Developed Him Palam Kheera -2 variety of Parthenocarpic cucumber.</li> <li>❖ Recommendations on production technology for protected cultivation of vegetable crops.</li> <li>❖ Organised Model Training Course as Course Director on “Advances in Protected Cultivation of High Value Vegetable Crops”.</li> <li>❖ Organised online one-week training programme as Course Co-ordinator on “Strategic Plan to Double Farm Income through Protected Cultivation”.</li> <li>❖ Extension activities pertaining to protected cultivation in dry-temperate zone.</li> <li>❖ Manager of Experiential Learning programme on Protected Agriculture.</li> <li>❖ Procurement Officer of NAHEP-CAAST project on “Protected Agriculture and Natural Farming”.</li> <li>❖ DDO of Dept. of Veg. Sci. &amp; Flori, CSKHPKV, Palampur.</li> </ul>

**Research Project handled: P.I : 11 Component PI: 2 Co-P.I: 12**

**Research Publications:**

**Total Publications published in journals: 56**

**(Best 5 publications during last 5 years)**

1. **Parveen Sharma**, Navjot Singh Dhillon, Vineet Kumar and Pardeep Kumar. 2019. Correlation and path analysis for yield and its contributing traits in tomato (*Solanum lycopersicum* L.) under the protected environment. *Journal of Pharmacognosy and Phytochemistry* SP1: 447-450 [NAAS Score: 5.21]
2. Navjot Singh Dhillon, **Parveen Sharma**, Pardeep Kumar and Vibhuti Sharma. 2019. Assessment of tomato hybrids for yield and quality attributes under protected environment. *International Journal of Current Microbiology and Applied Sciences* 8(5): 256-262 [NAAS Score: 5.38]
3. Navjot Singh Dhillon, **Parveen Sharma**, Pardeep Kumar and Vibhuti Sharma. 2019. Comparative performance of tomato genotypes for yield and quality characters under protected environment. *International Journal of Chemical Studies* 7(3): 1678-1680 [NAAS Score: 5.31]
4. Shiksha and **Parveen Sharma**. 2018. Assessment of cherry tomato cultivars (*Solanum*

lycopersicum var. cerasiforme) for genetic variability under protected environment. International Journal of Current Microbiology and Applied Sciences 7(11): 56-64 [NAAS Score: 5.38]

5. **Parveen Sharma**, Mamta Kumari, Vidysagar and Pardeep Kumar .2017. Studies on stigma receptivity and fruit load for hybrid seed production in tomato (*Solanum lycopersicum* L.) under protected environment. Himachal Journal of Agricultural Research, Vol 43 (1): 44-47 [NAAS Score: 3.91]

**Book Published:** nil **Book Chapters:** 18 **Manuals (Practical/Teaching):** 2

Conference/Seminars/Symposium Papers: 39

**Extension activities:** **Popular articles:** 49 **Pamphlets:** 17

**Students Guided:** **PG (M.Sc.) :** 10 **Ph.D:** 02

**Awards/Fellowships:** nil

**International Exposure/Visits Abroad:** nil

**Miscellaneous Achievements /activities:**

- Resource person for Protected Cultivation in Himachal Pradesh