

	<p>Dr. Akhilesh Sharma, Professor & Head</p> <p>Department of Vegetable Science and Floriculture, College of Agriculture, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176062</p> <p>email: assharmaakhil1@gmail.com; akhilaru@rediffmail.com</p> <p>Mob. 9816612008; Office: 01894230390</p>										
<p>Field of Specialization and Research interest</p>	<p>Specialization: Vegetable Breeding</p> <p>Research Interests</p> <ul style="list-style-type: none"> • Development of high yielding varieties/hybrids of vegetable crops • Resistance breeding 										
<p>Education Qualification:</p>	<p>Ph.D. (Vegetable Science)</p>										
<p>Employment Record along with Professional Experience</p> <ol style="list-style-type: none"> 1. Head of the Department (12th February 2018 onwards) 2. Professor (over 9 years) 31.8.2011 onwards 3. Associate Professor (6 years) 31.8.2005-30.8.2011 4. Assistant Professor (9 years) 31.8.1996-30.8.2005 											
<p>Research Project handled:</p>	<p>P.I./CPI : 14</p> <p>Co-P.I: 10</p>										
<p>Research Publications:</p>	<p>Total Publications published in journals: 103</p> <p>Best 5 publications during last 5 years with NAAS rating 2020</p> <table border="1"> <tr> <td data-bbox="496 1077 1350 1223"> Sharma A, Sekhon B, Sharma S and Kumar R. 2020. Newly isolated intervarietal garden pea (<i>Pisum sativum</i> L.) progenies (F₇) under north western Himalayan conditions of India. Experimental Agriculture, 56 (1): 76-87 </td> <td data-bbox="1350 1077 1436 1223"> 8.09 </td> </tr> <tr> <td data-bbox="496 1223 1350 1323"> Sharma S, Sharma A and Katoch V. 2019. Biotechnological interventions in eggplant (<i>Solanum melongena</i> L.). Journal of Horticultural Science and Biotechnology 95 (3): 273-285 </td> <td data-bbox="1350 1223 1436 1323"> 7.04 </td> </tr> <tr> <td data-bbox="496 1323 1350 1458"> Sharma A and Sharma RP. 2016. Effect of boron and lime on productivity of garden pea under acidic soils in north-western Himalayas.). Communications in Soil Science and Plant Analysis 47 (3): 291-297 </td> <td data-bbox="1350 1323 1436 1458"> 6.69 </td> </tr> <tr> <td data-bbox="496 1458 1350 1547"> Sharma A and Swain D. 2018. Genetic diversity of chilli (<i>Capsicum annuum</i> L.) genotypes. Indian Journal of Horticulture 75 (3): 440-445 </td> <td data-bbox="1350 1458 1436 1547"> 6.11 </td> </tr> <tr> <td data-bbox="496 1547 1350 1704"> Sharma A, Sharma RP, Katoch V and Sharma GD. 2018. Influence of vermicompost and split applied nitrogen on growth, yield, nutrient uptake and soil fertility in pole type French bean (<i>Phaseolus vulgaris</i> L.) in an acid alfisol. Legume Research 41 (1): 126-131 </td> <td data-bbox="1350 1547 1436 1704"> 6.34 </td> </tr> </table>	Sharma A, Sekhon B, Sharma S and Kumar R. 2020. Newly isolated intervarietal garden pea (<i>Pisum sativum</i> L.) progenies (F ₇) under north western Himalayan conditions of India. Experimental Agriculture, 56 (1): 76-87	8.09	Sharma S, Sharma A and Katoch V. 2019. Biotechnological interventions in eggplant (<i>Solanum melongena</i> L.). Journal of Horticultural Science and Biotechnology 95 (3): 273-285	7.04	Sharma A and Sharma RP. 2016. Effect of boron and lime on productivity of garden pea under acidic soils in north-western Himalayas.). Communications in Soil Science and Plant Analysis 47 (3): 291-297	6.69	Sharma A and Swain D. 2018. Genetic diversity of chilli (<i>Capsicum annuum</i> L.) genotypes. Indian Journal of Horticulture 75 (3): 440-445	6.11	Sharma A, Sharma RP, Katoch V and Sharma GD. 2018. Influence of vermicompost and split applied nitrogen on growth, yield, nutrient uptake and soil fertility in pole type French bean (<i>Phaseolus vulgaris</i> L.) in an acid alfisol. Legume Research 41 (1): 126-131	6.34
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<p>Books/book chapters/manuals</p>	<p>Books 4</p> <p>Book Chapters 11</p> <p>Manuals (Practical/Teaching) 5</p>										
<p>Conference/Seminars/Symposium Papers:</p>	<p>24</p>										
<p>Extension activities</p>	<p>Popular articles: 40</p> <p>Pamphlets: 5</p>										
<p>Students Guided:</p>	<p>PG (M.Sc.) : 16</p> <p>Ph. D: 5</p>										

Awards/Fellowships	<ol style="list-style-type: none"> 1. Fellowship ISVS 2016 by Indian Society of Vegetable Science 2. Fellowship IAHS 2019 for contribution and leadership in Vegetable Science by Indian Academy of Horticultural Science 3. Achiever Award 2019 by Society for Advancement of Human and Nature
International Exposure/Visits Abroad	<ul style="list-style-type: none"> • Regional Symposium on “Sustaining Small-Scale Vegetable Production and Marketing Systems for Food and Nutrition Security” which was organized in collaboration of World Vegetable Centre at Bangkok (Thailand) from 25-27.02.2014 and got “BEST SESSION PAPER AWARD” for oral presentation on “Induction of powdery mildew resistance in garden pea (<i>Pisum sativum</i> L.) using mutagenesis”
<p>Miscellaneous Achievements /activities:</p> <ul style="list-style-type: none"> • Contributed significantly in the area of vegetable crops improvement having released 17 varieties of different vegetables and spice crops (5 in garden pea, 2 each in chilli, edible podded pea, parthenocarpic cucumber and fenugreek, and one each in Asparagus bean, French bean, turmeric and radish) in the state of Himachal Pradesh. Among these, 8 varieties as lead scientist and 9 as collaborative scientist. • Three varieties as lead scientist namely, Palam Triloki and Palam Sumool of garden pea, and Palam Long Bean of Asparagus bean/yard long bean notified by the Central Varietal Release Committee. • Developed four production technologies which have been adopted for cultivation in the state and are included in the POP for vegetable crop production in HP. • Presently, undertaking prestigious World Bank funded project under CAAST, NAHEP on ‘Protected Agriculture and Natural Farming’ worth Rs. 189.2 millions as Assistant Coordinator and CPI, the major focus on vegetables. • Developed large number of improved innovative garden pea germplasm including mutants with special traits namely, affila, acacia, fasciated, maturity, resistance to powdery mildew, varied pod shape and pod size <i>etc.</i> Many lines with desirable pod shape, size, colour and resistance to powdery mildew disease have been isolated from intervarietal crosses. • Developed 7 genetic male sterile lines of chilli which have been involved in synthesis of hybrids which are presently in evaluation trials. • 40 chilli inbred lines with different plant and fruit characteristics have been developed through hybridization followed by pedigree method of selection. The bacterial wilt resistance and fruit rot are the other prime objective of chilli breeding programme. • CMS lines in cauliflower (5 no.) have been developed following back cross breeding method in mid late and late group of maturity. They have been involved in the development of hybrids which are presently in the preliminary evaluation trials. • “College Coordinator-Student Placement and Guidance”, College of Agriculture, CSKHPKV, Palampur from 2017 onward. Coordinated various classes of different disciplines for the preparation of JRF examination in January 2017 and mock tests in May/June 2017. • Warden, Undergraduate Hostel (Dhauladhar), CSKHPKV for three years (31.8.2010-4.9.2013). Arranged funds to the tune of around 20.0 lakhs for different renovation works in the hostel. 	