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| **Name and Designation** **Posting** **Permanent address****Ph No.****E-mail:** | **Dr. Sudhir Kumar Singh**C:\Users\hp pc\Pictures\2015-10-26 (2)\20151026_143023 (2).jpgChief Scientist/ Professor (Plant Pathology)Centre for Organic and Natural FarmingSKUAST-J, Chatha 180 009Old Satwari, Street No.6,Hakkal Morh,Chatha, Jammu (J&K)9419203115(M) sksinghdr11@skuastj.org |
| **Award**  | First Poster Award in 2nd International Conference on global Initiatives for Sustainable Development: Issues and Strategies at Hotel Howard Square Boutique, Bangkok, Thialand, June 23-27, 2019.  **(**Co-worker) |
| **Professional experience** | 20 years |
| **Selected publications** | **S.K. Singh,**B.K.Sharma,J.S.Srivatava,U.P.Singh and A.B.Ray (1999). Antifungal activity of Alstovenine, a plant alkaloid isolated from *Alstonia venenata. Folia Microbiol.44 (5): 510-512*U.P. Singh, **S K Singh,** B.K. Sharma, J.S. Srivastava B. Prithviraj and Koya Sugawara (2000). Studies on *Sclerotium* formation in *Curvularia* species. *Mycobiology.29(3): 154-159*D.P.Singh, J.S.Srivastava, Amar Bahadur,U.P.Singh and **S K Singh (2004).** Arbuscular Mycorrhizal fungi induced biochemical changes in Pea (*Pisum sativum*) and their effect on powdery mildew (*Erysiphe pisi). Journal of Plant Diseases and Protection (Germany), 111(2) 2004,ISSN0340-8159***S.K.Singh,** B.S.Jamwal, Bikram Singh and V.B.Singh (2015 ). Screening of host-plant resistance in chickpea (*Cicer arietinum*) against wilt caused by *Fusarium oxysporum* f.sp. *ciceri. Indian Phytopathology.* 68(2):223-225S.C. Dubey, Birender Singh, OM Gupta, D.R.Saxena, O.P.Sharma, O.D.Kohire,V.P.Anadani, R.K.Singh, **S.K.Singh** and Aradhika Tripathi (2017). Management of wilt and root rots of chickpea (*Cicer arietinum*) using *Trichoderma harzianum* in India. Indian Journal of Agricultural Sciences 87(10):1283-1287.Reena, M.Sharma, **S.K.Singh**, B.K.Sinha and A.P.Singh.2020. *Earias vitella* management by utilizing obnoxious weeds extracts of Jammu and Kashmir Himalayas, India. International Journal of Tropical Insect Science. Published on 16th October,2020Sharma, M., Chandran, U.S.S., Rani, U., **Singh**, **S. K.,** Basandrai, A.K., Basandrai, D. 2023. Stability and Suitability of Genotypes and Environment to *Ascochyta* Blight of Chickpea. ***Frontiers in Plant Science***, Section Plant Pathogen Interactions. DOI **10.3389/fpls.2023.1006099**Kumari,N., Kumar S., Chopra S., **Singh, S. K**., Sharma, M., Samnotra R.K.and Rani D. 2024. Exploring the role of organic amendments on growth, yield and seed quality of knol-khol (*Brassica oleracea* var. g*ongylodes*) in northern hills of India. Agriculture Association of Textile Chemical and Critical Review Journal. June:70-76 |
| **Research Projects handled/handling:**

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| **S.****No.** | **Name of the project/Scheme** | **Role (PI/ Co-PI)** | **Funding Agency** | **Nature of Project (Societal/ Applied research)** | **Budget****(**Lakh) | **Duration with year (From -to)** |
| **1.** | Composting Technology for Farm Waste Management and Nutrient Recycling | **Co-P.I** | R.K.V.Y. | Societal | 6.00 | 2018-21 |
| **2.** | Large scale demonstrations on bio-pesticides for eco-friendly management of high value crops | **P.I.** | R.K.V.Y. | **Societal** | 5.36 | 2018-21 |
| **3.** | International chickpea of *Ascochyta* blight Nursery | **P.I.** | ICRISAT, | Applied | 1.00 | 2017 till date |
| **4** | Organic seed production Entrepreneurship in cash crops | **Co-P.I.** | R.K.V.Y. | Applied | 10.00 | 2018-21 |
| **5** | Dissemination of Plant Protection Technologies for Organic Vegetable Production | **P.I.** | R.K.V.Y. | Applied | 0.80 | 2020-22 |
| **6** | Minimizing Pesticides use in Agriculture | **P.I.** | HADP J&K Govt | Societal |  | 2022-2027 |
| **7** | Alternate Agriculture System for Sustainability | **P.I.** | HADP J&K Govt | **Societal** | 1500.0 | 2022-2027 |
| **8** | Technology development and demonstration of organic vegetable cultivation for enhancing soil and human health. | Co-PI | JK DST | Applied | 10.00 | 2024-2026 |

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| **Number of PG students guided (M.Sc.):**  | **03** |
| **Varieties developed and released(Associated):**  | **02** |
| **Total Research Publications** **(Peer reviewed journals)** | **35** |
| **Conference Proceedings** | **07** |
| **Technologies generated** | **04** |
| **Package of Practices** | **01** |
| **Abstract Books Co-authored** | **02** |
| **Book chapters** | **04** |
| **Technical Bulletin** | **10** |
| **Symposium(Co-organizing Secretary)** | **02** |
| **Trainings conducted on awareness on application of bio-pesticides in high value and Vegetable crops under RKVY** | **08** |
| **Certificate course (30 Days) in the capacity of Co-ordinator**  | **01** |
| **Member, J&K Pollution Control (State Level Committee)** | **01** |
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  **(Dr. Sudhir Kumar Singh)**  |