**Dr. Anil Bhushan, Asstt. Prof./Jr. Scientist Div. of Veg. Sci. and Flori.**

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| Name | : | Dr. Anil Bhushan |
| Designation | : | Assistant Professor |
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| E Mail | : | anilbhushan2008@gmail.com |
| Mobile | : | +91 94191 06180 |
| Professional Experience | : | **14 years** |
| Awards/honours/scholarships/  fellowships | : | Nil |
| Area of specialization | : | * Vegetable Breeding and Plant Tissue Culture |
| Research Interests | : | * Application of Biotechnological approaches for crop improvement. * Vegetable breeding and seed production |
| Total no. of publications  (referred journals) | : | * Research papers: 30 |
| Selected Publications  (Best five)\* | : | 1. Reshav Naik, Anil Bhushan, RK Gupta, Anamika Walia and Anshika Gaur. 2020. Low cost Tissue Culture Technologies in Vegetables: A review. International Journal of Biochemistry Research & Review. 29(9): 66-78. 2. Anil Bhushan, Satesh Kumar, Susheel Sharma, Vikas Sharma, Manoj Kumar and Kamlesh Bali. 2020. Seed production of knolkhol (Brassica oleracea var. gangyloides) under mid hills of Jammu & Kashmir, India. *Indian Journal of Current Microbiology and Applied Sciences.* 9(8): 521-525. 3. Vikas Sharma, Anil Bhushan Deepak Kumar, Sunil Mishra, and Rajesh Kumar. 2020. Single cross hybrid of QPM Maize seed production as influenced by row ratio and spacing in north western Himalayan region. *Indian Journal of Current Microbiology and Applied Sciences.* 9(8): 1491-1496. 4. Vikas Sharma, Deepak Kumar, Sunil Mishra, Anil Bhushan and Rajesh Kumar. 2019. Rainwater harvesting and its demonstration for supplemental benefits for high value crops in hill regions. *Hort Flora Research Spectrum*. Volume 1&2: 12-15 (NAAS 3.78) 5. Bakshi,P., Bhushan, A., Bali, K, and Kour, K. 2019. Intercropping in fruit orchards: A way forward for doubling the farmer’s income. *International Journal of Agriculture Sciences*. 11(23): 9274-9276. (NAAS4.20) 6. Anil Bhushan, Vikas Sharma, Vinod Gupta, Rohit Sharma, Sourav Gupta and Deepak Kumar (2019). Organic seed production in Okra var. Seli special in mid hills of North-Western Himalayan region. *Ecology, Environment and Conservation*. 25 (1): 424-427. 7. Anil Bhushan, R K Samnotra and Sanjeev Kumar (2018). Genetic divergence studies in brinjal (Solanum melongena) under subtropical plains of north-western Himalayan region. *International Journal of Current Microbiology and Applied Sciences.* 7(6): 1647-1653. 8. Anil Bhushan, R K Samnotra, Sonam Spaldon and Manish Sharma (2017). Phenotypic stability studies for fruit yield and related quantitative traits in brinjal (*Solanum melongena* L.). Green Farming. 8(4): 823-827. 9. Anil Bhushan and R K Samnotra (2017). Stability studies for yield and quality traits in brinjal (*Solanum melongena* L.). *Indian Journal of Agricultural Research.* 51 (4): 375-379. 10. Anil Bhushan and Vikas Sharma (2017). Influence of *Azospirillum* and organic manure on growth and yield in Broccoli under Intermediate zone of Jammu & Kashmir, India. *Ecology, Environment and Conservation*. 23 (September Suppl.): 16-19 11. Anil Bhushan and R K Samnotra (2017). Stability studies for yield and quality traits in brinjal (*Solanum melongena* L.). *Indian Journal of Agricultural Research.* 51 (4): 375-379. 12. Anil Bhushan, R K Samnotra, Sonam Spaldon and Manish Sharma (2017). Phenotypic stability studies for fruit yield and related quantitative traits in brinjal (*Solanum melongena* L.). *Green Farming.* 8(4): 823-827. 13. Anil Bhushan and R K Gupta (2017). In vitro shoot regeneration and heterosis studies in tomato (*Solanum lycopersicum*). *Vegetos-* An international Journal of Plant Research. 30 (Special-2): 359-364. 14. Anil Bhushan and R K Samnotra (2017). Phenotypic stability studies for fruit yield and biotic stress traits in brinjal (*Solanum melongena* L.). *Vegetos-* An international Journal of Plant Research. 30 (Special-2): 349-358. |
| Research Projects as PI/Nodal officer | : | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Title** | **Funding Agency** | **Period** | | **Status**  **(Ongoing/**  **Completed)** | | **From** | **To** | | Large scale demonstrations on biopesticides for ecofriendly management of high value crops | RKVY | 2019-20 | Continuing | Ongoing | |
| Other achievements if any  (Please specify) | : | * Associated Breeder in the development of vegetable varieties like Coriander: Jammu Coriander-07, Okra : Jammu Okra-05, Broccoli :Jammu Broccoli-07, Radish: CR-45, Cherry Tomato: SJCT-09 and Broad bean: RKG-01. * Plant Tissue Culture Laboratory has been made functional in the Division and micropropagation protocols in Tomato, Potato and Turmeric have been standardized. |