**Bio-Data**

|  |  |  |
| --- | --- | --- |
| **1** | **Discipline**  | Agriculture |
| **2.** | **Name**  | **Dr. Satish K. Sharma** |
| **3** | **Present Post, Designation and official address of the applicant**  | Junior Scientist (Plant Biochemistry)Directorate of ResearchSKUAST-Jammu, Chatha-180 009 (J&K) |
| **4.** | **Date and Place of Birth**  | 30.11.1973, Bhaderwah (J&K) |
| **5.** |  **Residential Address with Telephone/Fax Number/e-mail**  | Sharma Niwas , Chinta Chinchora Bhaderwah Doda -182222 (J&K)09419281730 (M)0 7006213566 (R)princesatish1@gmail.com |
| **6** | **Positions, jobs and assignments held earlier**  |
|  | **Designation** | **Office Address** | **Period****(From - to)** | **Nature of duties** | **Reason for leaving** |
|  | Junior Scientist | **Regional Horticulture Research Sub Station Bhaderwah,**  | **21/06/21 to****Till date** | **Research and Extension** | **Continued** |
|  | Incharge Station(Junior Scientist)  | Seed Production Farm Chatha,SKUAST-Jammu, Chatha-180 009 (J&K) | 26/6/2014 to 20/6/2021 | Research, Teaching, Management & Extension | Transferred |
|  | Assistant Professor/ Junior Scientist | Biotechnology Section Division of Plant Breeding And Genetics,Faculty of Agriculture,SKUAST-J,Chatha-180 009 (J&K) | 08/07/2008-26/06/2014 | Teaching, Research  | Transferred |
| **7** | **Academic Qualifications**  |
|  | **Degree**  | **University** |  **Year** |  **Subject** |  |
|  | B.Sc. (Ag.) | C.C.S.U. Meerut | 1998 | Agriculture |  |
|  | M.Sc. (Ag.) | A.A.I.-D.U. Allahabad | 2001 | Agriculture Biochemistry |  |
|  | Ph. D  | SHIATS- Allahabad | 2012 | Plant Biochemistry |  |
|  |
| **8** | **Publications**1. **Books – 3 nos**
2. **List of papers published in National & international Journals:**
 |
| 1. G . Yadav, M.Sood, J.D Bandral and **S.K Sharma** (2021),Assessment of nutritional and microbial qualityof Jamun –Beal blended fruit cheese during storage, Journal of Environmental Biology: MRN 1881
2. Shahid Ahamad, **Satish K. Sharma**, D.K. Agrawal **(2017),** Gibberellins production techniques by Immobilization. Vegetos; 30(4)
3. Seethiya Mahajan, Vishal Gupta, V.K Razdan, Kausar Fatima, **Satish K. Sharma**, **(2017),** Assessment of wheat varieties for slow rusting and management of stripe rust caused by ppuccinia striiformis. Indian Phytopathology: 70(2) ;200-205
4. Shahid Ahamad, Jag Paul Sharma, **Satish K. Sharma**, S.K Singh, and Deepak Kher **(2017),** Prevalence of Ginger diseases on Farmers field in Jammu Region. Annuals of Plant Protection Sciences . 25(1):227-228
5. Shahid Ahamad, **Satish K. Sharma**, Vikas Sharma, Tehsin Tarannum **(2016),** Screening of fungicides aganist damping off diseases of chilli in foot hills of Hamalyan region. International Journal of Current Research: 8(11); 41009-41011
6. **Sharma Satish K.,** Anil K. Singh, and Raina Vishal (**2015)** Biochemical evaluation for nutritional characteristics of promising bhaderwahi Rajmash *(Phaseolus vulgaris L)* germplasm of Jammu and Kashmir. Journal of Eco –friendly Agriculture 10(2): 204-206
7. **Sharma Satish K.,** Sharma Mamta and Raina Vishal (**2013)** *In vitro* protocol standardization for turmeric multiplication in Jammu Division, *Research Journal of Biotechnology* Vol. **8 (3)**
8. **Satish K. Sharma,** Alok M Lall, Mamta Sharma and Monica Reishi ( 2013), Response of organic supplementation on yield and nutritional parameters of *Calocybe indica,* Vegetosvol. 26 (1) pp 36-39 .
9. Monica Reshi, Raj Kumari Kaul, Anju Bhat and **Satish K. Sharma** (2013), Response of post harvest treatments on nutritional characteristics and shelf life of litchi (cv. Dehradun), The Bioscan 8(4): 1219-1222,
10. **Satish K. Sharma,** Alok M. Lall, Abalisha A. Lal (**2013),** Effect of various organic supplements on non-enzymatic antioxidant and minerals expression in *Calocybe indica*, The Bioscan , 8(2) pp 421-424
11. **Sharma, S. K.** and Sharma, M (**2013),** Improved protocol for *in vitro* propagation of gloxinia ( *Sinningia sp*.), Journal of Cell and Tissue Research,13(1) pp 3545-48
12. **Sharma, S. K**. and Lall, A.M . (**2013)** Non-enzymatic antioxidant expression and nutritional composition of *calocybe indica* under different organic supplementations. Journal of Cell and Tissue Research, 13(1) pp 3541-44
13. **Satish K. Sharma,** Alok M. Lall and Abhilasha A. lall (**2013),** Evaluation of different casing materials formulation on yield related parameters of *Calocybe indica,* Journal of eco-friendly agriculture.
14. Abhilisha A Lal, Renu Srivastava, Lakhveer Singh, Vinod Sharma, **Satish K. Sharma**, Sobita Simon *(***2014),** Efficacy of warping materials in reducing post harvest decay loss of banana fruit ,Journal of eco-friendly agriculture
15. **Satish K. Sharma,** Alok M. Lall, Akash Sharma, A.K. Singh and Mamta Sharma (**2009),** Effect of molybdenum and carbofuran on growth yield and biochemical parameters of green gram . The Asian Journal of Experimental Chemistry
16. **Satish K. Sharma**, A. M. Lall, R.K. Sharma, Anamika Jamwal, and Vikas Gupta (**2008),** Response of neemcake and biofertilizers on physical parameters of green gram (*Vigna radiate*) , Journal of Research SKUAST
17. **Satish K. Sharma,** Alok M. Lall, Abalisha A. Lal (**2011),** Effect of different levels of depth of substrate and supplements on yield and yield related parameters , Research Journal of Agricultural Sciences.
18. **Satish K. Sharma,** Alok M. Lall, Abalisha A. Lal (**2011),** Effect of different levels of depth of substrate and supplements on yield and yield related parameters , Research Journal of Agricultural Sciences.
19. Singh Prabhat Kumar, Lal Abhilasha A., Simon Sobita, **Sharma Satish** (2013) Influence of *Pseudomonas putida* on the Yield of *Agaricus bisporus* (Lange) Imbach, Trends in Biosciences Volume : 6,(2) pp 165-166.
20. S. Mahajan, V. Gupta, V.K. Razdan, K. Fatima and **S. Sharma.** (2017). Assessment of wheat varieties for slow rusting and management of stripe rust caused by *Puccinia striiformis. Indian Phytopathology.* 70 (2): 200-205.
21. Rohani Bhat, A.K Singh, R.K Salgotra Manmohan Sharma,S.. Bagti, S. Hangloo, M.I.J Bhat, **Satish K Sharma** and M Mushtaq (2018). Statistical description ,genetic variability, heritability and genetic assessment for various agronomical triats in F2 population of rice. *Journal of Pharmacognosy and Phytochemistry*, vol 7(3) : 985-992 .
22. S. Ahamad, **S.K. Sharma** and D. K. Agarwal (2017). Gibberellins production techniques by immobilization. *Vegetos – An International Journal of Plant Research*. 30(4):
23. S. Ahamad, **S. K.** **Sharma,** V.Sharma and T. Tarannum. (2016). Screening of fungicides against Damping off disease of Chilli in Foot Hills of Himalayan region. *International Journal of Current Research* 8(11): 41009-41011,
24. S. Farooq, V.K. Razdan, V. Gupta, K. Fatima, S. Mahajan and S. **Sharma.** (2017). Germplasm evaluation and characterization of resistant genes against stripe rust of wheat. *Journal of Pure and Applied Microbiology*. 11 (4): 1839-1844.
25. R. Sharma, V.K. Razdan, V. Gupta, S. Dorjey, K. Fatima, P.K. Rai and **S. Sharma.** (2017). Screening of rhizo-bacterial isolates for bio-control potential against soil-borne diseases in brinjal. *Journal of Pure and Applied Microbiology*. 11 (4): 1973-1982.
26. Shahid Ahmed, Jag Paul Sharma, **Satish K. Sharma**, S.K. Singh and Deepak Kher (2017). Prevalence of Ginger diseases on Farmers field in Jammu region. *Annals of Plant Protection Sciences*. Vol 25(1): 227-228
27. S. Ahamad, R. Mughal and **S.K. Sharma.** (2014). Status of Rice Blast disease caused by *Magnaporthe grisea* in Rajouri and Poonch districts of Jammu region. *Res. Environ. Life Sci*.**7** (4): 323-326.
28. S. Ahamad, B. Lal, V. Sharma , **S. K. Sharma** and R. Mughal. (2013). Survey of ginger diseases on farmers’ field in Jammu region. *Res. Environ. Life Sci* . **7** (4): 154-155 .
29. 28. **Satish K. Sharma** , Anil K. Singh and Vishal Raina (2015). Biochemical evalation for nutritional charecteristics of promising bhaderwahi rajmash germ plasm of Jammu and Kashmir. Journal of Eco- friendly Agriculture.10(2):204-206 .
30. V. Gupta, S. Mahajan, V.K. Razdan, K., Fatima and **S. Sharma.** (2018). Characterization of wheat germplasm for slow rust resistance against *Puccinia striiformis*. *Archives of Phytopathology and Plant Protection.* 51(3-4): 207-216, DOI: 10.1080/03235408.2018.1446293.
31. S. Kaur, A.K. Singh, S. Bagati, M. Sharma and **S. Sharma**. (2018). Morphological marker based assessment of genetic diversity in cultivated tomato (*Solanum lycopersicon* L.) genotypes. *International journal of Environment, Agriculture and Biotechnology*. 3(2): 567-573.
32. Amitesh Sharma, Jag Paul Sharma, Vikas Sharma, R.K. Salgotra, Narinder Panotra, S.K. Singh and **Satish Kumar** (2017). Performance of Basmati breeding lines and varieties under organic conditions in Jammu region. *Journal of Safe Agriculture*. 1(1): 53-54
 |
| **CHAPTERS**1. Sharma, A., Sharma, J.P., Sharma, V, Bhat, A., **Sharma, S.,** Sharma, A. and Singh, S.K. 2018. Promotion of High Density Orcharding for Doubling the Farmers’ Income. (Eds. Jag Paul Sharma, Vikas Sharma and Narinder Panotra) *Lead Paper. Souvenir.* National Conference on Innovative Technological Interventions for doubling farmers Income (NACITI-2018). *Organized by.* SIDAVES & SKUAST-Jammu, February, 08-10: Pp119-123.
2. Singh, S.K., Sharma, J.P., Sharma, V., Panotra, N., Sharma, A., **Sharma, S.K.,** Sharma, A., Reena and Dhotra, B. 2018. Bio-pesticides-An effective organic management strategy against insect-pests and diseases. (Eds. Jag Paul Sharma, Vikas Sharma and Narinder Panotra) *Lead Paper. Souvenir.* National Conference on Innovative Technological Interventions for doubling farmers Income (NACITI-2018). *Organized by*. SIDAVES & SKUAST-Jammu, February, 08-10: Pp 101-105
3. Sharma, A., Sharma, J.P., Sharma, V, Bhat, A., **Sharma, S**., Sharma, A. and Singh, S.K. 2018. Promotion of High Density Orcharding for Doubling the Farmers’ Income. (Eds. Jag Paul Sharma, Vikas Sharma and Narinder Panotra) *Lead Paper. Souvenir.* National Conference on Innovative Technological Interventions for doubling farmers Income (NACITI-2018). *Organized by.* SIDAVES & SKUAST-Jammu, February, 08-10: Pp119-123.
4. Sharma, M., **Sharma, S. K.** and Sharma, J. P. 2018. Intervention of Biotechnology in pest management. (Eds. Jag Paul Sharma, Vikas Sharma and Narinder Panotra) *Lead Paper. Souvenir.* National Conference on Innovative Technological Interventions for doubling farmers Income (NACITI-2018). *Organized by*. SIDAVES & SKUAST-Jammu, February, 08-10: Pp 194-196.
5. Singh, S.K., Ahamad, S., Sharma, A**.** and **Sharma, K. S.** (2017). Diseases of pulses crops: Present Scenario and Future Perspectives. *Lead Paper.* National Symposium on Ecologically Sustainable Plant Disease management under Diversified Farming Situation (Eds. Shahid Ahamad, Jag Paul Sharma, Vijay K. Razdan & Sudhir K. Singh). Organized by: SKUAST-Jammu & IPS, New Delhi November 13 – 14, 2017:Pp-30-32
6. Gupta V., Razdan, V.K., Rai, P.K., Sharma, A. and **Sharma, S.** 2017. Biological management and bio-pesticides: Commercial Entrepreneurship  *In: Ecologically sustainable plant disease management under diversified farming situation* (eds. Shahid Ahamad, J.P. Sharma, V.K.Razdan & S.K. Singh) IPS national symposium on Nov., 13-14, 2017 at SKUAST-J, Chatha. Pp 12.
7. Conservation farming through efficient use of sources to sustain livehood of dry land farmers of north –west Himalayas. A.K. Singh, G.K.Rai, A.K.Kokhar, R.K.Salgotra, **S.K.Sharma** (2008) pp 296-304
* Technologies for quality seed production of vegetable crops. (2008) A .K. Singh, **Satish K. Sharma**, R.K.Pandey &G.K.Rai (2008) pp 349-350
* Sharma, A., Gupta, V., Rai, P.K. and **Sharma, S.** (2018). Effect of time and level of pruning intensities with respect to management of canopy architecture of guava (*Psidium guajava* L.) under high density planting. *Abstract Book*. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018:Pp45/HORT

 * Sharma, A., Sharma, J.P., Sharma, V., Bhat, A., **Sharma, S.,** Sharma, A. and Singh, S.K. (2018). Promotion of high density orcharding for doubling the farmers’ income. *Abstract Book*. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018:Pp46/HORT
* **Sharma, S.K.,** Sharma, V., Sharma, A., Gupta, V., Dwivedi, M.C., Sharma, R. and Singh, S.K. (2018). Paddy production (Basmati-370) through low cost technology: Input Saving. *Abstract Book*. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp32/AGRI
* Rai, P.K., Bakshi, P., Gupta, V., Sharma, A. and **Sharma, S.** (2018). Production and quality control of microbial Inoculants. *Abstract Book*. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp84/AGRI
* Sharma, A., Gupta, V., Rai, P.K. and **Sharma, S.** (2018). Functional traits of fruit crops as influenced by organic and inorganic fertilizers. *Abstract Book*. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp-17/ORG
* **Sharma, S.,** Sharma, J.P., Wali, P.K., Dwivedi, M.C., Gupta, V., Sharma, A., Sharma, R., Arya, V.M., Sharma, V. and Singh, A.K. (2018). Quality Seed: A Source to improve farmers’ income. *Abstract Book*. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp-13/SOCIO
* Sharma, R., Thakur, N. P., Jamwal, M., Kotwal, N., Chauhan, D. K., Sharma, M., Kumar S. and **Sharma S. (**2018). Growth, yield of bushy rajmash and soil health as affected by different organic sources under high hills of Jammu Region. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp-25/AGRI
* Dwivedi, M. C., Puniya, R., Kour, S., Singh, V. B. Singh, A, K, Kumar, D Kumar, R, **Sharma S.K**. and Rai, A. P. (2018). Productivity and profitability of rice establishment methods under varying INM practices and its residual effect in succeeding wheat crop. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp-82/AGRI
* Sharma M. and **Sharma S**. (2018). Intervention of biotechnology in pest management. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp-120/AGRI
* Sharma, J. P., Sharma, A., Sharma, V., Salgotra, R. K., Panotra, N. **Sharma, S. K**., Kashyap, S. C. and Singh S. K. (2018). Performance of different basmati rice genotypes under organic environment. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp-18/ORG
* **Sharma, S. K**., Gupta, A., Ahamed, S., Gupta, V and Bhuyan J. (2018). Milky mushroom and their value addition increase farmers income. National Conference on Innovative Technological Interventions for doubling farmers’ income. *Organized by*: SIDAVES & SKUAST-J at SKUAST-Jammu from February, 08 to 10, 2018.pp-13/SOCIO
* **Sharma, S**., Sharma, M., Salgotra, S. K., Salgotra, R. K. and Kumar A. (2017). MAS- an approach towards plant improvement. *Abstract*. International Conference on recent Trends in Bioinformatics and Biotechnology for Sustainable Development. *Organized by* Society for Bioinformatics and Biological Sciences from 12-13 October 2017: Pp 171.
* Dwivedi, M. C., Suri, S. K., Singh, V. S., Kumar, R, **Sharma, S.,** Kumar, D., and Singh P. (2017). Economic feasibility of blackgram (*Vigna mungo* L.)+ sesame (*Sesamum indicum* L.) intercropping under rainfed ecosystems of Jammu. *Abstract*. National Synposium on Pulses for National Security and Agricultural Sustainability. *Organized by* ICAR- Indian Institute of Pulses Research, Kanpur, India from December, 2-4, 2017: Pp 207.
* Sharma, A., Singh, A.K., **Sharma, S.** and Gupta, V. (2017). Influence of model orchards for raising the productivity and doubling the farmers’ income. *Abstract*. International Conference on Agricultural, Allied Sciences & Biotechnology for sustainability of agriculture, nutrition and food security. *Organized by* Mahima Research Foundation & Social Welfare at Banaras Hindu University, Varanasi from November, 25-26, 2017:Pp21-22
* Sharma, A., **Sharma, S**. and Sharma, S. (2017). Pre and post harvest factors responsible for fruit keeping quality of citrus. Abstract. International Conference on Food Science and Bioprocess Technology at Dubai, UAE from November, 20 to 22, 2017: 2(5) Pp-55
* Sharma, A., **Sharma, S**. and Sharma, S. (2017). Influence of wax coating and packaging of citrus fruits and products. *Abstract.* International Conference on Food Science and Bioprocess Technology at Dubai, UAE from November, 20 to 22, 2017: 2(5) Pp-56
* Sharma, A., **Sharma, S.** and Sharma, S. (2017). Studies on nutritional value and health benefits of citrus fruit crops. *Abstract.* International Conference on Food Science and Bioprocess Technology at Dubai, UAE from November, 20 to 22, 2017: 2(5) Pp-57
* Sharma, A., Wali, V.K., Rai, P.K., Sharma, D. and **Sharma, S**. (2017). High Density plantation of litchi (*Litchi Chinensis Sonn.)* under Jammu Sub-tropics. *Souvenir cum Abstract*. *Gyan Manthan.* Challenges and options in litchi production and utilization. National conference on perspective of challenges and options in litchi production and utilization from June, 06-07, 2017: Pp141
* Sharma, A., Wali, V.K., Rai, P.K., Gupta, V. and **Sharma, S.** (2017). Studies rooting of litchi (*Litchi Chinensis Sonn*.) air layers as influenced by layering time and growth regulators. *Souvenir cum Abstract*. *Gyan Manthan.* Challenges and options in litchi production and utilization. National conference on perspective of challenges and options in litchi

production and utilization from June, 06-07, 2017: Pp135-136 * Singh, S. K., Ahamad, S.,Sharma, A. and **Sharma, S.K.** (2017). Diseases of Pulses Crops: Present Scenario and Future Perspectives. *Souvenir and Abstracts*. National Symposium on Ecologically sustainable plant disease management under diversified farming situation. *Organized by*: SKUAST-Jammu & Indian Phytopathological Society, New Delhi at SKUAST-Jammu from November, 13-14, 2017: Pp30.
* Gupta, V., Razdan, V, Sharma, A. and **Sharma, S**.(2017). Biological Management and Bio-pesticides: Commercial Entrepreneurship. *Souvenir and Abstracts*. National Symposium on Ecologically sustainable plant disease management under diversified farming situation. *Organized by*: SKUAST-Jammu & Indian Phytopathological Society, New Delhi at SKUAST-Jammu from November, 13-14, 2017: Pp 42
* Sharma, M., Singh, A. K. **Sharma, S**. K. and Dutta U. (2017). Production of disease-free planting material through tissue culture in gerbera. *Souvenir and Abstracts*. National Symposium on Ecologically sustainable plant disease management under diversified farming situation. *Organized by*: SKUAST-Jammu & Indian Phytopathological Society, New Delhi at SKUAST-Jammu from November, 13-14, 2017: Pp 120.
* Gupta, V., Razdan, V.K., Singh, I., Sharma, A. and **Sharma, S**. (2017). Development & Validation of forewarning model for stripe rust of wheat. *Souvenir and Abstracts*. National Symposium on Ecologically sustainable plant disease management under diversified farming situation. *Organized by*: SKUAST-Jammu & Indian Phytopathological Society, New Delhi at SKUAST-Jammu from November, 13-14, 2017: Pp84
* **Sharma, S.K.,** Sharma, A., Gupta, V., Dwivedi, M.C., Singh, V.B. and Sharma, M. (2017).Cilmate change and its impact on agriculture industry. *Souvenir and Abstracts*. National Symposium on Ecologically sustainable plant disease management under diversified farming situation. *Organized by*: SKUAST-Jammu & Indian Phytopathological Society, New Delhi at SKUAST-Jammu from November, 13-14, 2017: Pp159
* **Sharma, S.K.,** Sharma, A., Gupta, V., Dwivedi, M.C., Singh, A.K. and Singh, S.K. (2017). Crop diversification: A key for maximizing farm productivity and profitability. *Souvenir and Abstracts*. National Symposium on Ecologically sustainable plant disease management under diversified farming situation. *Organized by*: SKUAST-Jammu & Indian Phytopathological Society, New Delhi at SKUAST-Jammu from November, 13-14, 2017: Pp160.
* Sourbh Khajuria, M.C. Dwivedi, Deepak Kumar, M.K. Pandey and **Satish Kumar** (2015). Effect of Different Dates of Sowing and Plant Geometry on Growth and Yield of Indian Mustard *(Brassica juncea* L.) Varieties. 4th J&K Agriculture Science Congress, held at SKUAST-Jammu on Sustainable Rainfed Agriculture for Food and Livelihood Secuirity: Technological Innovations, Opportunity and Challenges: 255 pp
* **Satish K. Sharma**, Akash Sharma ,Rohit Sharma, Mamta Sharma, Neetu Sharma, M.C.Dwivedi and Maniesh Bakshi (2017) Modern Agriculture:Safeguarding Biodiversity and Ensure Food Security in 12Th JK Science Congress,held at University of Jammu on Science and Technology:Emerging Trends and Innovations: 59 pp
 |
| **9** |

|  |  |
| --- | --- |
| **10** | **List Technical Reports, Review/Articles:****RESOURCE MATERIALS*** Advances in cultivation technology of Milky mushroom(2012), **Satish K Sharma,** Alok M Lall, Abilasha A Lall, Anil K Gupta (10 pages)
* Manual in Chromatography (2012) **Satish K Sharma** and Mamta Sharma
 |
| **11** | **ARTICLES**1. Human Resource Development (2008) Daily Excelsior2. Prospects of medicinal mushroom in human life (2012) Daily Excelsior 3. Hill farming in Jammu Region (2012) Daily Excelsior |

**16. Participated in national seminars/conferences/workshops etc. attended**

|  |
| --- |
| 1. Attended 21 day training under on Crop management strategies for augmenting farmer’s income under CAFT programme at GBPUAT Pantnagar UK from 13/9/2017 to 3/10/2017.
 |
| 1. Attended 21 days traning on “Computational and Statistical advances for analysis of Biological Data in Agriculture, Indian Agricultural Statistics Research institute, Library Avenue, Pusa New Delhi .
 |
| 1. Attended 19th annual national conference on Statistics and Informatics in Agricultural and Allied Sciences, organized by SSCA held at SKUAST Jammu, from 6-8 March, 2017.
 |
| 1. Participated and attended 3 Days JK Science Congress on science and technology: Emerging trends and innovations, organized by University of Jammu, from March 2-4, 2017.
 |
| 1. Participated and attended 3 Days, International conference on Natural Resource Management: Ecological perspective held at SKUAST Jammu Chatha, organized by Indian Ecological Society, 18-20 Feb 2016.
 |
| 1. Participated and attended 3 Days JK Agricultural Science Congress on Technologies innovations, opportunities and Challenges for sustainable agriculture for food and livelihood security, organized by SKUAST Jammu, from October 28-30, 2015.
 |
| 1. Participated and attended 3 Days National Symposium on modern agro-technologies for nutritional security and health held at YSPUHF Solan HP from 21-23 April, 2015.
 |
| 1. Attended 3 Days JK Agricultural Science Congress on Organic Agriculture prospects in J&K organized by SKUAST Kashmir, from 12-14 May, 2014.
 |
| 1. Attended and participated in 3 Days JK Science congress, organized by University of Jammu from 7-9 Feb 2005.
 |
| 1. Attended 51 Days training programme in Biofertilizers IFFCO, Phulpur, Allahabad U.P from 6-1 2001 to 28 -2 2001.
 |
| 1. Attended 7 Days Training on mushroom production Technology organized by Directorate of Mushroom Research, Solan H.P from 21 to 27 July 2011.
 |
| 1. Attended 6 Days Training on Chromatography Techniques, Institute of Biotechnology, GBPUAT, Pantnagar, Nanital UK from March 15-20-2010.
 |
| 1. Attended 2 Days training programme on Integrated Pest Management on 26-27 September 2008, organized by Central Integrated Pest Management Centre, GOI Jammu.
 |
| 1. Attended and participated in 7 Days training course on Human Resource Development of Saffron Farmers in J&K, organized by Division of Plant Pathology, FOA, SKUAST Jammu Chatha from March 24-30 2008.
 |
| 1. Presented and participated in 2 Days National Conference on Emerging Trends in Medical Biotechnology and Nanotechnology, organized by Arni School of Basic Sciences, Arni University Kangra H.P from Dec 3-4 2011.
 |
| 1. Presented and participated in 2 Days international conference on New horizons in pharmaceutical and biomedical sciences (NHPBMS) at Sidhhartha College of Pharmacy Dehradun UK from Jan 12-13 -2013.
 |
| 1. Participated and attended 2 Days national conference on Environmental issues and sustainable development, organized by Department of Geography, university of Jammu on 1-2 March 2013.
 |
| 1. Attended 4 Days workshop on Trends in Bioinformatics, jointly organized by Shri Mata Vaishno Devi University Katra and University of Jammu, from March 16-19 2009.
 |
| 1. Attend and participate in the workshop on immunology and immune- techniques organized by society of biochemistry and bioprocess technology Allahabad on 18-19 Oct. 2010.
 |
| 1. Participated 3 Days Ag science congress on Sustainable Hill agriculture for food and livelihood security, organized by Sher-e-Kashmir university of Agrilcultural Sciences and Technology Jammu from 15-17 Dec 2012
 |

**(Satish K. Sharma)**

 **Place:Jammu**