

| 1. | Name | Dr. Mahital Jamwal | | | | | | | | | | |
|-------------------------------------|--|---|----------------|--|--------|--|-----------------------------|------|----|-------------------------------------|------|-------------------|
| 2. | Designation | Assistant Professor/ Scientist (Fruit Science) | | | | | | | | | | |
| 3. | Contact address | Regional Horticultural Research Sub-station, SKUAST-J, Bhaderwah (Doda), J&K, India – 182 222 | | | | | | | | | | |
| 4. | Email | drmahitaljamwal@gmail.com | | | | | | | | | | |
| 5. | Mobile No. | +91 9419110581 | | | | | | | | | | |
| 6. | Professional experience | <ul style="list-style-type: none"> - Two Years as VLW (Extension Worker) in Rural Development Department, J&K Govt., Jammu. - More than Nine years as Assistant Professor/ Scientist (Fruit Science), SKUAST-Jammu. | | | | | | | | | | |
| 7. | Awards/honours/scholarships/fellowships | <ul style="list-style-type: none"> i. Awarded ARO postdoctoral fellowship 2012-13 by The Volcani Center, Ministry of Agriculture and Rural Development, Israel. ii. Awarded MASHAV fellowship by the Ministry of External Affairs, Israel, in 2012. iii. Awarded fellowship from the Ministry of Science & Technology of China, Beijing, in 2011. iv. Awarded PhD merit scholarship by CCS Haryana Agriculture University, Hisar. v. Awarded 2nd position in Master's degree program by the University of Allahabad. | | | | | | | | | | |
| 8. | Area of specialization | Horticulture/ Biotechnology | | | | | | | | | | |
| 9. | Research interests | Plant propagation and crop improvement | | | | | | | | | | |
| 10. | Total no. of publications (referred journal) | 20 | | | | | | | | | | |
| 11. | Selected publications (best five) | <ol style="list-style-type: none"> 1. Biton, I., Doron-Faigenboim, A., Jamwal, M., Mani, Y., Eshed, R., Rosen, A., Sherman, A., Ophir, R., Lavee, S., Avidan, B. and Ben-Ari, G. 2015. Development of a large set of SNP markers for assessing phylogenetic relationships between the olive cultivars composing the Israeli olive germplasm collection. <i>Molecular Breeding</i>, 35:107. 2. Singh, M., Jamwal, M., Sharma, N., Kumar, R. and Wali, V.K. 2015. Response of iron and zinc on vegetative and reproductive growth of strawberry (<i>Fragaria × ananassa</i> Duch.) cv. Chandler. <i>Bangladesh Journal of Botany</i>, 44(2): 337-340. 3. Jamwal, M. Hussain, S., Sharma, N., Kumar, R., Sharma, R.M., Wali, V.K., Sharma, A. and Parmar, A.M. 2013. Presowing Seed Treatments Affect Germination and Quality of Rootstock in Indian Ber (<i>Zizyphus mauritiana</i> Lam.). <i>World Journal of Agricultural Sciences</i>, 9 (2): 116-122. 4. Jamwal, M., Singh, B., Sharma, N., Kumar, R., Sharma, A., Sharma, R.M., Wali, V.K. and Parmar, A.M. 2013. <i>In vitro</i> Regeneration of Grape (<i>Vitis vinifera</i> L.) cv. Perlette. <i>World Journal of Agricultural Sciences</i>, 9 (2): 161-166. 5. Iqbal, U., Wali, V.K., Kher, R. and Jamwal, M. 2009. Effect of Poultry Manure, Urea And <i>Azotobacter</i> on Growth, Yield and Quality of Strawberry cv. Chandler. <i>Haryana Journal of Horticultural Science</i>, 37: 28-30. | | | | | | | | | | |
| 12. | No. of books/Manuals/Monographs | Book Chapter =1 Technical bulletin=1 | | | | | | | | | | |
| 13. | Research projects as PI/ Nodal Officer | Title | Funding Agency | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Period</th> <th rowspan="2">Status (Ongoing/ Completed)</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>Commercialization of soft fruits in</td> <td>2009</td> <td>2012 Completed</td> </tr> </tbody> </table> | Period | | Status (Ongoing/ Completed) | From | To | Commercialization of soft fruits in | 2009 | 2012 Completed |
| Period | | Status (Ongoing/ Completed) | | | | | | | | | | |
| From | To | | | | | | | | | | | |
| Commercialization of soft fruits in | 2009 | 2012 Completed | | | | | | | | | | |

| | | | | | | | | | | | | |
|------------------|----------------------------|--|----------|------|------|-----------|------------------|---------------------|--------|-------|-------|-------|
| | | Jammu plains through hi-tech production and post harvest management | Board | | | | | | | | | |
| | | Effect of foliar sprays and standardization of time and frequency of nutrient mixtures on the tree health, fruit yield and quality of sweet orange cv. Jaffa | SKUAST-J | 2006 | 2009 | Completed | | | | | | |
| | | Collection, introduction and evaluation of pomegranate germplasm for Jammu sub-tropics | SKUAST-J | 2008 | 2013 | Completed | | | | | | |
| | | Network Project on Outreach of Technologies for Temperate Fruit Crops | ICAR | 2012 | - | On-going | | | | | | |
| 14. | Other achievements, if any | <p>Students guided:</p> <table border="0"> <tr> <td>As major advisor</td> <td>As co-major advisor</td> </tr> <tr> <td>BSc= 4</td> <td>MSc=1</td> </tr> <tr> <td>MSc=3</td> <td>PhD=3</td> </tr> </table> <p>Students under guidance as major advisor: MSc=1</p> <ul style="list-style-type: none"> - Introduced improved varieties of sub-tropical fruit crops from Punjab Agricultural University (Ludhiana), Haryana Agriculture University (Hisar), Indian Agriculture Research Institute (Pusa, New Delhi), CIAH (Bikaner) and CSK Himachal Pradesh Krishi Vishwavidhalaya (Palampur). - Acted as Research Farm Incharge, FoA, Udheywalla and Research Orchard, FoA, Chatha. - Established virus free kinnow orchards at FoA, Udheywalla and FoA, Chatha. - Established germplasm blocks of pomegranate at FoA, Udheywalla and at Rainfed Research Sub-Station, Raya. - Established a demonstration unit of training in grapes at FoA, Udheywalla. - Established shade houses at FoA, Udheywalla for strawberry cultivation and regeneration. - Established hi-tech poly houses at FoA, Udheywalla and FoA, Chatha for propagation of fruit plants and imparting training to under-graduate and post-graduate students. | | | | | As major advisor | As co-major advisor | BSc= 4 | MSc=1 | MSc=3 | PhD=3 |
| As major advisor | As co-major advisor | | | | | | | | | | | |
| BSc= 4 | MSc=1 | | | | | | | | | | | |
| MSc=3 | PhD=3 | | | | | | | | | | | |