

Curriculum Vitae

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Academic qualification

Degree	University	Major course
M.Sc. Agriculture	Tribhuvan University, Institute of Agriculture and Animal Science (IAAS), Rampur, Chitwan, (First division)	Technical writing, Bio-chemistry, Statistics, Crop physiology, Crop Science, Crop Production, Plant Breeding
B.Sc. Agriculture	Tribhuvan University, IAAS, Rampur, Chitwan, Nepal (First division)	Plant Breeding, Economics, Agronomy, Plant protection, Biotechnology, Entomology

Employment

Position	From	Organization
Scientist (Plant Breeding and Genetics)	Feb. 2019 to date	Agriculture Botany Division, Khumaltar, Lalitpur under Nepal Agricultural Research Council (NARC), Singh Durbar Plaza, Kathmandu, Nepal
Scientist (Plant Breeding and Genetics)	Aug. 2018 to Feb. 2019	National Commercial Agriculture Research Program (NCARP), Pakhribas, Dhankuta, under NARC, Nepal
National Coordinator	Sept. 2017 to Aug. 2018	NCARP, Pakhribas, Dhankuta under NARC, Nepal
Scientist (Plant Breeding and Genetics)	June 2010 to Sept. 2017	National Maize Research Program (NMRP), Rampur, Chitwan under NARC, Nepal

Seminar/conference participated

- National Training Workshop on Mutation Breeding (17 to 25 January 2016) organized by NARC, CIMMYT-Nepal and IAEA, held in NARI, Khumaltar, Lalitpur, Nepal.

- Breeding Hybrid Maize and Data Management (2 to 3 March 2011) organized by International Maize and Wheat Improvement Centre (CIMMYT), Cereal Systems Initiative For South Asia (CSISA), Kathmandu, Nepal.
- Weed Management in Cereals (24 to 25 January 2011) organized by Cereal Systems Initiative for South Asia (CSISA), Rampur, Chitwan, Nepal.
- Wheat Improvement and Pathology (29 November to 12 December 2010) organized by Cereal Systems Initiative for South Asia (CSISA), Bhairahawa, Nepal.
- Participatory Rural Appraisal (PRA) (30 May to 5 June 2003) organized by Institute of Agriculture and Animal science (IAAS), Rampur, Chitwan.

Grants, awards and fellowships

- CIMMYT Travel fellowship to attend the international training on “Precision Phenotyping for Abiotic Stress Tolerance in Maize” from 29 August to 1 September, 2012 held in CIMMYT Asian Regional Maize Program, ICRISAT Campus, Hyderabad, India.
- Merit based scholarship awarded for I.Sc. Ag and B.Sc. Ag. by Institute of Agriculture and Animal Science (IAAS), Tribhuvan University Nepal.
- Research grant for MS thesis in 2006 by Directorate of Research (DOR), Tribhuvan University, Institute of Agriculture and Animal Science (IAAS), Rampur, Chitwan, Nepal.

Research, scholarly and creative activities

Research Projects

Year	Responsibilities
2011-2013	Development of maize varieties for mid hills of Nepal
2011-2013	Development of maize varieties for Karnali region of Nepal
2011-2016	Development and evaluation of hybrids
2011-2017	Development of QPM varieties for terai and mid-hills of Nepal
2011-2014	Maintenance of prerelease early maize varieties suitable for terai and mid hill of Nepal: Special project (HMRP/CIMMYT)
2017-Feb. 2019	Tea technology development and dissemination in Nepal Improvement and dissemination of large cardamom production technology Farm management project
Feb 2019-Present	Rice research and development

Collaborative research activities

Conservation agriculture, nutrient management, inbred development and breeding for abiotic stress and collaborative research on many projects.

Advisory functions

2017-2018 Precision Evaluation of Maize Hybrids through Photosynthetic and Flowering Traits. M.Sc. Ag. (Plant Breeding), student Susmita Kafle, Tribhuvan University (TU),

Institute of Agriculture and Animal Sciences (IAAS), Kritipur, Kathmandu, Nepal

- 2016-2017 Evaluation of Maize (*Zea mays* L.) Inbred Lines under Heat Stress and Normal Condition. M.Sc. Ag, (Plant Breeding), student Manoj Kandel, Agriculture and Forestry University (AFU), Rampur, Chitwan, Nepal.
- 2016-2017 Agro-morphological Characterization of Maize (*Zea mays* L.) Inbred Lines. M.Sc. Ag (Plant Breeding), student Jharana Upadhyaya, AFU, Rampur, Chitwan, Nepal.
- 2015-2017 Heterosis studies in single cross hybrids of maize M.Sc. Ag (Plant Breeding), student Hari Sharma, AFU, Rampur, Chitwan, Nepal.

Other advisory functions

- 2017-2018 Genetic variance, character association and diversity analysis of normal irrigated rice, B.Sc. Ag, student Jarpan Bhujel, Department of Agronomy, IAAS, Lamjung Campus, Sundar Bazar, Lamjung, Nepal
Comparative evaluation of drought tolerance at seedling stage in different maize hybrids, B.Sc. Ag, student Pratikshya Silwal, Department of Agronomy, IAAS, Lamjung Campus, Sundar Bazar, Lamjung, Nepal.
- 2015-2016 Effect of sowing dates on grain yield and other agronomic traits on maize inbred lines, Kamal Bhusal, B.Sc. Ag student, Department of Agronomy, IAAS, Lamjung Campus, Sundar Bazar, Lamjung, Nepal.
- 2016-2017 Evaluating maize genotypes for winter planting in inner-terai condition in Nepal, Ashik BK, B.Sc. Ag student, Department of Agronomy, IAAS, lamjung Campus, Sundar Bazar, Lamjung, Nepal.
- 2016 Evaluation of maize genotypes for quantitative traits. Madan Paudel, B.Sc. Ag student (Plant Breeding), Purbanchal University (PU), Faculty of Science and Technology, Nepal Polytechnic Institute, Bharatpur, Chitwan, Nepal.
- 2015-2016 Agromorphological characterization of maize genotypes, Krishna Kandel, Narendra Prasad Sah, Pradip Kandel, Phatta Bahadur Baruwal, Rajan Dhakal, B.Sc. Ag students, Department of Plant Breeding, AFU, Rampur, Chitwan, Nepal.

Publications

Summary of scientific publications

SN	Publication Category	Number
1	Publication in peer-reviewed journals	113

2	Publication in peer-reviewed journals (in press)	4
3	Conference papers	12
4	Scientific abstracts	16
5	Books	5
6	Scientific reports	18
7	Magazine articles	11
8	Extension articles	3
9	Total Citation Index of all journal articles	501
	<i>h</i> -Index	11
	i10- index	14
	RG Score	22.26

Publication in peer-reviewed journals

1. **Shrestha, J.** 2016. Cluster Analysis of Maize Inbred Lines. *Journal of Nepal Agricultural Research Council* 2, 33-36.
2. **Shrestha, J.,** Chaudhary, A. and Pokhrel, D. 2018. Application of nitrogen fertilizer in maize: a review. *Peruvian Journal of Agronomy* 2 (2), 22-26.
3. **Shrestha, J.** and Karki, T. B. 2014. Provitamin A Maize Development: A Strategy for Fighting against Malnutrition in Nepal. *Our Nature* 12(1), 44-48.
4. **Shrestha, J.** and Tripathi, M. P. 2015. Grain yield stability of quality protein maize genotypes across diverse environments of terai and mid hills in Nepal. *International Journal of Agriculture System* 2(2), 113-118.
5. **Shrestha, J.** 2016. Evaluation of quality protein maize genotypes for grain yield in mid hill districts of Nepal. *International Journal of Life Sciences* 10(1), 7-9.
6. **Shrestha, J.** 2013. Genotype by environment interaction and yield stability analysis of quality protein maize genotypes in Terai Region of Nepal. *International Journal of Applied Sciences and Biotechnology* 1(2), 74-78.
7. **Shrestha, J.** 2014. Morphological variation in maize inbred lines. *International Journal of Environment* 3(2), 98-107.
8. **Shrestha, J.** 2016. A review on sustainable agricultural intensification in Nepal. *International Journal of Business, Social and Scientific Research*, 4(3), 152-156.
9. **Shrestha, J.,** Gurung, D. B. and Dhital, K. P. 2018. Agronomic performance of maize genotypes under high temperature condition. *Farming and Management* 3(1), 23-29.
10. **Shrestha, J.,** Gurung, D. B. and Rijal, T. R. 2018. Standard heterosis for grain yield in maize hybrids. *Farming and Management* 3(1), 30-36.
11. **Shrestha, J.,** Kandel, M. and Chaudhary, A. 2018. Effects of planting time on growth, development and productivity of maize (*Zea mays* L.). *Journal of Agriculture and Natural Resources* 1(1), 43-50
12. **Shrestha, J.,** Koirala, K., Katuwal, R., Dhami, N., Pokhrel, B., Ghimire, B., Prasai, H., Paudel, A., Pokhrel, K. and KC, G. 2015. Performance evaluation of quality protein maize

- genotypes across various maize production agro ecologies of Nepal. *Journal of Maize Research and Development* 1(1), 21-27.
13. **Shrestha, J.**, Kunwar, C. B., and Bhandari, B. 2018. Response of mass selection in maize (*Zea mays* L.). *Our Nature* 16(1), 35-42.
 14. **Shrestha, J.**, Kunwar, C., Upadhyaya, J., Giri, M., Katuwal, R., Acharya, R., Gurung, S., Adhikari, B., Paudel, A. and Paneru, R. 2016. Genotype × environment interaction of quality protein maize grain yield in Nepal. *Journal of Maize Research and Development* 2(1), 66-73.
 15. **Shrestha, J.**, Subedi, S., Timsina, K. P. and Tripathi, M. (2018) Risk of publication in worthless journals. *Journal of Agriculture and Natural Resources* 1(1), 1-5.
 16. **Shrestha, J.**, T. R. Rijal, T. R. and Gurung, D. B. 2012. Productivity of maize under drought condition. *Journal of Plant Breeding*, 7, 60-64.
 17. **Shrestha, J.**, T. R. Rijal, T. R., Gurung, D. B. and Kunwar, C. B. 2012. Development of high yielding quality protein maize genotypes. *Journal of Plant Breeding* 7, 55-59.
 18. **Shrestha, J.**, Yadav, D. N., Amgain, L. P. and Sharma, J. P. 2018. Effects of nitrogen and plant density on maize (*Zea mays* L.) phenology and grain yield. *Current Agriculture Research Journal* 6(2), 175-182.
 19. **Shrestha, J.**, Subedi, S., Shokati, B., and Chaudhary, A. (2018). Predatory Journals: A Threat to Scholarly Publishing. *Journal of Education and Research*, 8(1), 89-101.
 20. **Shrestha, J.**, Timsina, K. P., Subash Subedi, S, and Pokhrel, D. 2019. Sustainable weed management in maize (*Zea mays* L.) production: A review in perspective of southern Asia. *Turkish Journal of Weed Science*, 22(1), 133-143.
 21. **Shrestha, J.**, and Subedi, S. 2018. Plant density and maize (*Zea mays* L.) plant: a review. *Maize Journal*, 7(1), 1-5.
 22. **Shrestha, J.**, and Subedi, S. 2019. Improving crop productivity through sustainable intensification. *South Asian Research Journal of Agriculture and Fisheries*, 1(1), 8-11.
 23. **Shrestha, J.**, Gurung, D. B., Koirala, K. B., and Rijal, T. R. (2019). Performance evaluation of maize in Jumla district of Nepal: from yielding perspective. *International Journal of Applied Biology*, 3(2), 35-45.
 24. **Shrestha, J.**, Subedi, S., Poudel, K., and Shokati, B. (2019). Predatory journals: A threat in publication. *Journal of Education and Research*, 8(1), 89-101.
 25. Acharya, N. R., **Shrestha, J.**, Sharma, S. and Lama, G. B. 2015. Study on effect of supplementary irrigation on rainfed chickpea (*Cicer arietinum* L.). *International Journal of Applied Sciences and Biotechnology*, 3(3), 431-433.
 26. Adhikari, B. N., Joshi, B. P., **Shrestha, J.** and Bhatta, N. R. 2018. Genetic variability, heritability, genetic advance and correlation among yield and yield components of rice (*Oriza sativa* L.). *Journal of Agriculture and Natural Resources* 1(1), 149-160.
 27. Adhikari, B. N., Pokhrel, B. B. and **Shrestha, J.** 2018. Evaluation and development of finger millet (*Eleusine coracana* L.) genotypes for cultivation in high hills of Nepal. *Farming and Management*, 3(1), 37-46.

28. Adhikari, B. N., **Shrestha, J.**, Dhakal, B., Joshi, B. P. and Bhatta, N. R. 2018. Agronomic performance and genotypic diversity for morphological traits among early maize genotypes. *International Journal of Applied Biology*, 2(2), 33-43.
29. Adhikari, P., Baral, B. R. and **Shrestha, J.** 2016. Maize response to time of nitrogen application and planting seasons. *Journal of Maize Research and Development* 2(1), 83-93.
30. Adhikari, B. H., Baral, B. R., **Shrestha J.** and Kunwar, C. B. 2012. Economics of fertilizer use in different maize (*Zea mays* L.) genotypes in Chitwan valley, Nepal. *Journal of Plant Breeding* 7, 14-21.
31. Adhikari, B. H., **Shrestha, J.** and Baral, B. R. 2011. Efficacy of azotobactor in maize production in acid soils. *Journal of Plant Breeding* 6, 36-41.
32. Baral, B. R., Adhikari, P. and **Shrestha, J.** 2015. Growth and yield response of hybrid maize (*Zea mays* L.) to phosphorus levels in sandy loam soil of Chitwan Valley, Nepal. *International Journal of Environment*, 4(2), 147-156.
33. Baral, B. R., Adhikari, P. and **Shrestha, J.** 2016. Productivity and Economics of Hybrid Maize (*Zea mays* L.) under different Fertilizer Doses in the Inner Terai Region of Nepal. *Journal of AgriSearch*, 3(1), 13-17.
34. Bartaula, S., Panthi, U., Timilsena, K., Acharya, S., and **Shrestha, J.** (2019). Variability, heritability and genetic advance of maize (*Zea mays* L.) genotypes. *Research in Agriculture Livestock and Fisheries*, 6(2), 163-169.
35. Bhandari, G., Ghimire, T. B., Kaduwal, S., **Shrestha, J.** and Acharya, R. 2017. Effects of storage structures and moisture contents on seed quality attributes of quality protein maize. *Journal of Maize Research and Development*, 3(1), 77-85.
36. Bhatta, K., Chaulagain, L., Kafle, K., and **Shrestha, J.** (2019). Bio-Efficacy of Plant Extracts against Mustard Aphid (*Lipaphis erysimi* Kalt.) on Rapeseed (*Brassica campestris* Linn.) under Field and Laboratory Conditions. *Syrian Journal of Agricultural Research*, 6(4), 557-566
37. Bhujel, J., Sharma, S., **Shrestha, J.** and Bhattarai, A. 2018. Correlation and path coefficient analysis in normal irrigated rice (*Oryza sativa* L.). *Farming and Management* 3(1), 19-22.
38. Bhusal, K., Subedi, R. and **Shrestha, J.** 2016. Effect of Sowing Dates on Growth and Grain yield of Maize Inbred Lines. *Journal of AgriSearch* 3(4), 244-247.
39. BK, A., **Shrestha, J.** and Subedi, R. 2018. Grain yield and yield attributing traits of maize genotypes under different planting dates. *Malaysian Journal of Sustainable Agriculture*, 2(2), 06-08.
40. BK, S. B., Karki, T. B., **Shrestha, J.** and Adhikari, P. 2015. Productivity of Maize Genotypes under Different Planting Dates. *Our Nature*, 13(1), 45-49.
41. BK, S.B. and **Shrestha, J.** 2014. Effect of Conservation Agriculture on Growth and Productivity of Maize (*Zea mays* L.) in Terai Region of Nepal. *World Journal of Agricultural Research*, 2(4), 168-175.

42. Chaudhary, A., Adhikari, B. B. and **Shrestha, J.** 2019. Effect of weed species on drought tolerant rice genotypes at Sundarbazar, Lamjung, Nepal. *Open Agriculture*, 4: 65-78
43. Devkota, S. Panthi S., and **Shrestha, J.** (2019). Evaluation of maize varieties in acid soil condition. *Agrica Journal*, 8(2), 128-133
44. Dhakal, B., Shrestha, K. P., Joshi, B. P. and **Shrestha, J.** 2017. Evaluation of early maize genotypes for grain yield and agromorphological traits. *Journal of Maize Research and Development*, 3(1), 67-76.
45. Dhami, N. B., Kandel, M., Gurung, S. B. and **Shrestha, J.** 2018. Agronomic performance and correlation analysis of finger millet (*Elusine corocana* L.) genotypes. *Malaysian Journal of Sustainable Agriculture* 2(2), 16-18.
46. Dhami, N. B., Kim, S. K., Paudel, A., **Shrestha, J.** and Rijal, T. R. 2015. A review on threat of gray leaf spot disease of maize in Asia. *Journal of Maize Research and Development* 1(1), 71-85.
47. Gadai, N , **Shrestha, J.** Poudel, M. N. and Pokharel, B. 2019. A review on production status and growing environments of rice in Nepal and in the world. *Archives of Agriculture and Environmental Science*, 4(1): 83-87
48. Ghimire, S., Khanal, A., Kohar, G.R., Acharya, B., Basnet, A., Kandel, P., Subedi, B., **Shrestha, J.** and Dhakal, K., 2018. Variability and path coefficient analysis for yield attributing traits of mungbean (*Vigna merrica* L.). *Azarian Journal of Agriculture*, 5(1): 7-11.
49. Gotame, T., Gautam, I., Shrestha, S., **Shrestha, J.**, and Joshi, B. (2020). Advances in fruit breeding in Nepal. *Journal of Agriculture and Natural Resources*, 3(1), 301-319.
50. Gurung, D. B., Bhandari, B, **Shrestha, J.** and Tripathi, M. P. 2018. Productivity of maize (*Zea mays* L.) as affected by varieties and sowing dates. *International Journal of Applied Biology*, 2(2), 13-19.
51. Joshi, B. K., Gurung, T. B., **Shrestha, J.** and Upreti, H. K. 2018. Writing a Research Paper for Journal of Nepal Agricultural Research Council. *Journal of Nepal Agricultural Research Council*, 4(28), 90-99.
52. Kandel, B. P., Sharma, B. K., Sharma, S. and **Shrestha, J.** 2018. Genetic variability, heritability, and genetic advance estimates in early maize (*Zea mays* L.) genotypes in Nepal. *Agricultura*, 107 (3-4), 29-35.
53. Kandel, M., Bastola, A., Sapkota, P., Chaudhary, O., Dhakal, P. and **Shrestha, J.** 2018. Analysis of genetic diversity among the different wheat (*Triticum aestivum* L.) Genotypes. *Turkish Journal of Agricultural and Natural Sciences*, 5(2), 180-185.
54. Kandel, M., Dhami, N. B. and **Shrestha, J.** 2019. Phenotypic diversity of finger millet (*Eleusine coracana* (L.) Gaertn.) genotypes. *Malaysian Journal of Sustainable Agriculture* 3(2), 20-26.
55. Kandel, M., Ghimire, S. K. and **Shrestha, J.** 2018. Mechanisms of heat stress tolerance in maize. *Azarian Journal of Agriculture*, 5(1), 20-27.

56. Kandel, M., Ghimire, S. K., Ojha, B. R. and **Shrestha, J.** 2017. Analysis of genetic diversity among the maize inbred lines (*Zea mays* L.) under heat stress condition. *Journal of Maize Research and Development*, 3(1), 86-97.
57. Kandel, M., Ghimire, S. K., Ojha, B. R. and **Shrestha, J.** 2018. Cluster analysis among the Maize inbred lines (*Zea mays* L.) under heat stress condition. *International Journal of Global Science Research*, 5(1), 677-684.
58. Kandel, M., Ghimire, S. K., Ojha, B. R. and **Shrestha, J.** 2018. Correlation and path analysis for grain yield and its attributing traits of maize inbred lines (*Zea mays* L.) under heat stress condition. *International Journal of Agriculture, Environment and Food Sciences* 2(4), 124-130.
59. Kandel, M., Ghimire, S. K., Ojha, B. R. and **Shrestha, J.** 2018. Genetic diversity for heat tolerant related traits in maize inbred lines. *Agricultura*, 105(1-2), 23-34.
60. Kandel, M., Ghimire, S. K., Ojha, B. R., and **Shrestha, J.** (2019). Evaluation of Heat Stress Tolerance Indices in Maize Inbred Lines. *Malaysian Journal of Applied Sciences*, 4(2), 57-68
61. Kandel, M and **Shrestha J.** 2019. Genotype x Environment Interaction and Stability for Grain Yield and Yield Attributing Traits of Buckwheat (*Fagopyrum tataricum* Geartn). *Syrian Journal of Agricultural Research*, 6(3), 466-476
62. Karki, T. B. and **Shrestha, J.** 2014. Conservation agriculture: an eco-friendly system of weed management in field crops. *International Journal of Environment*, 3(4), 91-100.
63. Karki, T. B., and **Shrestha J.** 2014. Maize production under no-tillage system in Nepal. *World Journal of Agricultural Research*, 2, 13-17.
64. Karki, T. B., and **Shrestha J.** 2015. Should we go for conservation agriculture in Nepal? *International Journal of Global Science Research*, 2(4), 271-276.
65. Karki, T. B., Bk, S. B., **Shrestha, J.** and Yadav, J. 2015. Effects of tillage and planting geometry on the performance of maize hybrids. *Nepalese Journal of Agricultural Sciences*, 13, 38-47.
66. Karki, T. B., Gadai, N. and **Shrestha, J.** 2014. Studies on the conservation agriculture based practices under maize (*Zea mays* L.) based system in the hills of Nepal. *International Journal of Applied Sciences and Biotechnology*, 2(2), 185-192.
67. Karki, T. B., Gadai, N. and **Shrestha, J.** 2014. Systems optimization through tillage and residue management and cropping system in maize based system. *International Journal of Current Microbiology and Applied Sciences*, 3(10), 990-1002.
68. Karki, T. B., Govind, K. C., **Shrestha, J.** and Jadav, J. P. 2015. Tillage and planting density affect the performance of maize hybrids in Chitwan, Nepal. *Journal of Maize Research and Development*, 1(1), 10-20.
69. Karki, T. B., **Shrestha, J.**, and Tripathi, M. P. 2014. Preface to Special Issue on Conservation Agriculture for Sustainable Intensification. *World Journal of Agricultural Research*, 2.6A. DOI: 10.12691/wjar-2-6A-0.

70. KC, G., Karki, T. B., **Shrestha, J.** and Achhami, B. B. 2015. Status and prospects of maize research in Nepal. *Journal of maize research and development*, 1(1), 1-9.
71. Kharel, L., Ghimire, S. K., **Shrestha, J.**, Kunwar, C. B., and Sharma, S. 2018. Evaluation of rice genotypes for its response to added fertility levels and induced drought tolerance during reproductive phase. *Journal of AgriSearch*, 5(1), 13-18.
72. Koirala, K., Giri, Y., Rijal, T., Zaidi, P., Sadananda, A., and **Shrestha, J.** 2017. Evaluation of grain yield of heat stress resilient maize hybrids in Nepal. *International Journal of Applied Sciences and Biotechnology*, 5(4), 511-522.
73. Kunwar, C. B., and **Shrestha, J.** 2014. Evaluating Performance of Maize hybrids in Terai Region of Nepal. *World Journal of Agricultural Research*, 2(1), 22-25.
74. Kunwar, C. B., Katuwal, R. B., Thapa, S., and **Shrestha, J.** 2016. Grain yield stability of early maize genotypes. *Journal of Maize Research and Development*, 2(1), 94-99.
75. Magar, M. M., Parajuli, A., Sakh, B. M., **Shrestha, J.**, Koirala, K. B., Sah, B. P., and Dhital, S. P. 2019. Effect of PEG induced drought stress on germination and Seedling traits of maize lines (*Zea mays* L.). *Turkish Journal of Agricultural and Natural Sciences*, 6(2), 196–205.
76. Mahato, S., Bhujui, S., and **Shrestha, J.** 2018. Effect of *Trichoderma viride* as biofertilizer on growth and yield of wheat. *Malaysian Journal of Sustainable Agriculture* 2(2), 01-05.
77. Nepali, B., Bhandari, D., and **Shrestha, J.** 2018. Mineral nutrition contents of buckwheat (*Fagopyrum esculentum* Moench) for nutritional security in Nepal. *Malaysian Journal of Sustainable Agriculture*, 3(1): 01-04
78. Ojha, R., Sarkar, A., Aryal, A., KC, R., Tiwari, S., Poudel, M., Pant, K. R., and **Shrestha, J.** 2018. Correlation and path coefficient analysis of wheat (*Triticum aestivum* L.) genotypes. *Farming and Management* 3(2), 136-141.
79. Pant, K. R., Gurung, S. B., Dhimi, N. B., **Shrestha, J.**, Aryal, L. and Darai, R.. 2019. Agro-morphological traits variability of lentil genotypes. *Nepalese Journal of Agricultural Sciences*, 18: 108-114.
80. Pariyar, K., Sharma, S. R., Rana, C. B., Chaudhary, A., and **Shrestha, J.** 2019. Effects of conservation agriculture on productivity and economics of maize-wheat based cropping systems in mid-western Nepal. *SAARC Journal of Agriculture*, 17(1), 49-63.
81. Pokhrel, T., Shrestha, R. K., Khanal, A., and **Shrestha, J.** 2018. Phosphorous effects on early growth of maize (*Zea mays* L.) varieties in Ultisols. *Agricultura*, 107 (3-4), 44-48.
82. Poudel, K., Prasai, H. K., and **Shrestha, J.** 2018. Micropropagation and Acclimatization of Large Cardamom (*Amomum subulatum* Roxb.). *Turkish Journal of Agricultural and Natural Sciences*, 5(3), 231-235.
83. Prasai, H. K., Bhattarai, R., and **Shrestha, J.** 2016. Varietal Improvement of Normal Season Irrigated Rice for Eastern Terai Region of Nepal. *International Journal of Applied Sciences and Biotechnology*, 4(4), 489-497.
84. Prasai, H. K., Kushwaha, U. K. S., Joshi, B. P., and **Shrestha, J.** 2015. Performance evaluation of early maize genotypes in far western hills of Nepal. *Journal of Maize Research and Development*, 1(1), 106-111.

85. Prasai, H. K., Sharma, S., Kushwaha, U. K. S., and **Shrestha, J.** 2015. Performance evaluation of maize genotypes in far western hills of Nepal. *Azarian Journal of Agriculture*, 2(4), 87-90.
86. Prasai, H. K., Sharma, S., Kushwaha, U. K. S., and **Shrestha, J.** 2015. Evaluation of Quality Protein Maize and Drought Tolerant Maize in Far Western Hills of Nepal. *International Journal of Applied Sciences and Biotechnology*, 3(3), 387-391.
87. Prasai, H., and **Shrestha, J.** 2015. Evaluation of Wheat Genotypes in Far Western Hills of Nepal. *International Journal of Applied Sciences and Biotechnology*, 3(3), 417-422.
88. Prasai, H. K., Sharma, S., Kushwaha, UKS, Joshi, B. P. , and **Shrestha, J.** (2019). Performance evaluation of lentil and chickpea genotypes in Doti district of Nepal. *International Journal of Applied Biology*, 3(2), 46-56
89. Rai, P, **Shrestha, J** and Kim, J. H. 2019. Line $\times$ Tester analysis in Liliun $\times$ formolongi: Identification of superior parents for growth and flowering traits. *SAARC Journal of Agriculture*, 17(1), 175-187.
90. Rai, R., **Shrestha, J.** and keep. H. J. Kim. 2018. Combining Ability and Gene Action Analysis of Quantitative Traits in Liliun $\times$ formolongi. *Journal of Agricultural, Life and Environmental Sciences*, 30 (3), 131-143.
91. Rijal, T. R., Govind, K. C., Koirala, K. B., and **Shrestha, J.** 2016. Evaluation of maize genotypes for Turcicum leaf blight (*Exserohilum turcicum*) in Terai and inner terai of Nepal. *Journal of Maize Research and Development*, 2(1), 109-116.
92. Rijal, T. R., **Shrestha, J.**, Acharya, B., Dhami, N. B., Karki, A., Aryal, A., and Hamal, P. 2015. Evaluation of maize genotypes for resistance against gray leaf spot in hills of Nepal. *International Journal of Applied Sciences and Biotechnology*, 3(3), 504-512.
93. Rijal, P., Subedi, S., Adhikari, C., Shrestha, S., and **Shrestha, J.** (2020). Seed-borne infestation and management of Alternaria Species in mustard seed at Chitwan district, Nepal. *Journal of Agriculture and Natural Resources*, 3(1), 190-197.
94. Sharma, B. K., Sharma, S., Kandel, B. P., and **Shrestha, J.** 2018. Varietal evaluation of promising maize genotypes. *Azarian Journal of Agriculture*, 5(4), 120-124.
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2. **Shrestha, J.,** Timsina, K. P., and Thakur, M. K. 2011. Techniques of Poshilo Makai-1 cultivation for malnutrition reduction and income generation (Kuposhan Nibaran tatha aaya aarjanako lagi Poshilo Makai-1 ko kheti garne prabidhi). Nepal Agricultural Research Council, Communication, Publication and Documentation Division, Khumaltar, Kathmandu.
3. Adhikary, B. H., **Shrestha, J.,** and Neupane, N. 2012. Nutrient Management in Rampur Hybrid-2 Maize. NARC Newsletter (ISSN 1028-902X), Vol 19, No. 1-4 (January-December 2012). Nepal Agricultural Research Council, Communication, Publication and Documentation Division, Khumaltar, Kathmandu.

Skills and Experiences

- Good command in Microsoft Office Word, Excel, Access, PowerPoint, and Outlook; publishing and graphic design using Adobe Photoshop, Illustrator, and Paint.
- Good command in Statistical data analysis using GenStat, Minitab, MSTATC, STAR, PBTools, GGE Bi-plot and R-packages.
- Good knowledge and experiences for providing training to farmers and subject matter specialists on maize breeding and seed production.
- Good knowledge and experiences for providing training to farmers and subject matter specialists on tea and large cardamom production technology.

Trainings provided

Worked as a resource person (trainer) of “Scientific Article Writing and Publication” in following organizations;

August 11-12, 2018	Tribhuvan University, Prithu Technical College, Deukhuri, Dang, Nepal
December 25-26, 2017	Tribhuvan University, Institute of Agriculture and Animal Science, Paklihawa Campus
April 4-5, 2017	Agriculture and Forestry University, Rampur, Chitwan, Nepal
March 17-18, 2017	Tribhuvan University, Institute of Agriculture and Animal Science, Lamjung Campus
March 28-29, 2019	Nepal Polytechnic Institute Ltd., Bharatpur, Chitwan
July 31-August 1, 2019	Tribhuvan University, Prithu Technical College, Deukhuri, Dang, Nepal

Membership in Professional Organizations

- Life Member, Society of Agricultural Scientist, Nepal (SAS-N)
- Member, Agronomy Society Nepal (ASON)

- Member, Station Research Management Team (SRMT), National Maize Research Program, Rampur, Chitwan and National Commercial Agriculture Research Program, Pakhribas, Dhankuta, Nepal
- Member, Asian Council of Science Editors (ACSE)
- Member, European Association of Science Editors (EASE)
- Member, Council of Asian Science Editors (CASE)
- Member, Scientific Association of Young Scholars (SAYS)

Conference committee Member (As Reviewer)

1. Agriculture Scientific Committee member of International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017 Cappadocia / Turkey). (<http://icafofconference.com/Committee.php>)
2. Committee member of 2016 International Conference on Agricultural Science and Biotechnology (<http://www.icasb.net/2016/programcommittee2>)
3. International Advisory Committee member of “International conference on conservation and management of agricultural and natural resources: Strategies for food security in developing countries, 8-9 November, 2017, School of Agricultural Sciences, Career Point University, Kota, India.
4. Organizing Committee Member of World Congress and Expo on Biotechnology and Bioengineering during March 27-29, 2017, UAE. (<http://biocoreconferences.com/biotechnology2017/index.php>)
5. Reviewer committee member of 2016 International Conference on Biology and Life Sciences (<http://www.icbls.net/2016/reviewers2>)
6. Reviewer Committee Member, International Conference on Agriculture, Ecology and Biological Engineering (<http://aebe.urebe.org/committee.php>)
7. Reviewer Committee Member, International Conference on Biological and Environmental Science (<http://bioes.org/committee.php> <http://bwmcg.urebe.org/index.php>)
8. Scientific Committee member of Asian Conference on Science, Technology and Medicine (ACSTM), 3rd conference, 12-14 February, 2019, Dubai, U. A. E. (<http://env.acstm.org/home.php>).
9. Scientific committee member of International Conference on Agriculture and Forestry, AGRIFOR, Antalya, Turkey. (<http://www.agrifor2019.com/>)
10. Technical program committee member of 2016 International Conference on Agricultural and Biological Sciences (ABS 2016). (<http://www.absconf.org/Committee.html>)

Editor and Reviewer of Scientific Publications

1. AGRIVITA Journal of Agricultural Science. (Faculty of Agriculture, University of Brawijaya Indonesia). (<http://www.agrivita.ub.ac.id/index.php/agrivita/index>).

2. Agronomy Journal (American Society of Agronomy).
(<https://dl.sciencesocieties.org/files/publications/aj-masthead.pdf>)
3. Archives of Agronomy and Soil Science.(<http://www.tandfonline.com/toc/gags20/62/2>)
4. Advances in Agriculture (<https://www.hindawi.com/journals/aag/about/>)
5. Australian Journal of Crop Science. (<http://www.cropj.com/>)
6. Azarian Journal of Agriculture (<http://azarianjournals.ir/>)
7. Bangladesh Journal of Botany (<http://www.banglajol.info/index.php/BJB>)
8. Brazilian Journal of Biological Sciences. (<http://revista.rebibio.net/index.html>)
9. Current Plant Biology. (<https://www.journals.elsevier.com/current-plant-biology>)
10. Eurasian Journal of Soil Science. (<http://ejss.fesss.org/about-ejss>)
11. European Journal of Agronomy (Elsevier),
(<http://www.journals.elsevier.com/european-journal-of-agronomy/>).
12. Heliyon (Elsevier). (<https://www.heliyon.com/>)
13. Indian Journal of Agricultural Research.(<http://www.arccjournals.com/journals/indian-journal-of-agricultural-research>).
14. Indian Journal of Agriculture and Allied Sciences.(<http://www.mrfsw.org/>)
15. International Journal of Agricultural Research, Innovation and Technology, ISSN: 2224-0616. (<http://ijarit.webs.com/>)
16. International Journal of Agriculture System, ISSN: 2337-9782.
(http://pasca.unhas.ac.id/ijas/#about_us)
17. International Journal of Business, Social and Scientific Research.
(<http://www.ijbssr.com/>)
18. Journal of Agricultural Science and Technology. (<http://jast.modares.ac.ir/>)
19. Journal of Agriculture (<http://dergipark.gov.tr/ja>)
20. Journal of Agriculture and Natural Resources (<http://prithucollege.edu.np/journal/>)
21. Journal of Applied Biology and Biotechnology. (http://jabonline.in/about_us.php)
22. Journal of Food, Agriculture and Environment (<https://www.wflpublisher.com/Issue/4>)
23. Journal of Hill Agriculture (<http://www.ishaindia.in/>)
24. Journal of Maize Research and Development. (<http://nmrp.gov.np/journal-of-maize-research-and-development/>)
25. Journal of Nepal Agricultural Research Council.
(<http://www.narc.gov.np/publicaton/index.php>)
26. Journal of Pure and Applied Agriculture. (<http://jpaa.aiou.edu.pk/>)
27. Journal of Research in Weed Science (<http://www.jrweedsci.com/journal/about>)
28. Legume Research. (<https://arccjournals.com/journals/legume-research>)
29. Maize Journal (ISSN 2278-8867).(<https://mtaisociety.weebly.com/maize-journal.html>)

30. Malaysian Applied Biology Journal. (<http://mabjournal.com/>)
31. Modern Applied Science. (<http://www.ccsenet.org/journal/index.php/mas>)
32. Pertanika Journal of Tropical Agricultural Science.
(<http://www.pertanika.upm.edu.my/JTAS.php>)
33. Phyton, International Journal of Experimental Botany.
(<http://www.revistaphyton.fund-romuloraggio.org.ar/>)
34. Research on Crops. (<http://www.indianjournals.com/ijor.aspx...>)
35. Sarhad Journal of Agriculture. (<https://www.aup.edu.pk/sja.php>).
36. Syrian Journal of Agricultural Research. (<http://agri-research-journal.net/SjarEn/>)
37. Tropical Agriculture. (<http://sta.uwi.edu/ffa/content/publications>)
38. Turkish Journal of Agriculture – Food Science and Technology.
(<http://www.agrifoodscience.com/index.php/TURJAF>)
39. Turkish Journal of Agriculture and Natural Sciences.
(<http://www.turkjans.com/ojs/index.php/TJANS/index>)
40. Turkish Journal of Field Crops (<http://www.field-crops.org/>)
41. Turkish Journal of Weed Sciences.(<http://journal.weedturk.com/en/>)

Further editorial functions

Editor of annual reports and books

1. Maize knowledge Bank (Makai Ghyan Lahar), Year 1, No., 1. 2011. National Maize Research Program (NMRP), Rampur, Chitwan, Nepal.
2. Maize knowledge Bank (Makai Ghyan Lahar), Year 2, No., 1. 2014. National Maize Research Program (NMRP), Rampur, Chitwan, Nepal.
4. NCARP, 2017. Annual Report 2073/074 (2016-2017). National Commercial Agriculture Research Program, Pakhribas, Dhankuta, Nepal
3. NMRP, 2010. Annual Report 2066/067 (2009-10). National Maize Research Program, Rampur, Chitwan, Nepal.
5. NMRP, 2011. Annual Report 2067/068 (2010-11). National Maize Research Program, Rampur, Chitwan, Nepal.
6. NMRP, 2012. Annual Report 2068/069 (2011-12). National Maize Research Program, Rampur, Chitwan, Nepal.
7. NMRP, 2013. Annual Report 2069/070 (2012-13). National Maize Research Program, Rampur, Chitwan, Nepal.
8. NMRP, 2014. Annual Report 2070/071 (2013-14). National Maize Research Program, Rampur, Chitwan, Nepal.
9. NMRP, 2015. Annual Report 2071/072 (2014-15). National Maize Research Program, Rampur, Chitwan, Nepal.
10. NMRP, 2016. Annual Report 2072/073 (2015-16). National Maize Research Program, Rampur, Chitwan, Nepal.

Referee

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