

**Name** : Dr Kanchan Kumar Srivastava  
**Designation** : Principal Scientist  
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**Field of Specialization** : Tree architecture development and high density plantation, Tree crop improvement and alternate farming technique for terrace gardening

**Name of Institute from where obtained M.Sc. degree:**

Acharya Narendra Dev University of Agriculture, Kumarganj, Ayodhya, UP

**Name of Institute from where obtained Ph.D. degree:**

Institute of Agricultural Sciences, Banaras Hindu University , Varanasi, Uttar Pradesh

**Joining date in ICAR** : 12/20/2008

**Publications (Top 10 Publications with first or corresponding author only):**

1. Srivastava, Kanchan Kumar, Zargar, Khurshid Ahmed & Singh, Shyam Raj. (2010). Genetic Divergence among *Corylus colurna* genotypes based on morphological characters of hazel nut. *Biodiversity Research & Conservation*. 17: 13 – 17.
2. Srivastava, K.K., P. Barman , P. Patil , D. Kumar and N.K. Sharma (2021). Effect of raised bed, mulching and fertigation on productivity and quality of guava (*Psidium guajava* L.) under high density planting system. *Journal of Environmental Biology*. 42:1387-1394.
3. Srivastava K.K., S Rajan, Dinesh Kumar SR Singh and H C Verma (2020). Growth pattern and phenological stages of peach (*Prunus persica* L. Batch) under subtropics. *Indian J. Agril Sci*. 90 (2):356-360.
4. Srivastava Kanchan Kumar and H.K. Singh (2000). Floral Biology of Bael( *Aegle marmelos*) cultivars. *Indian J. Agril Sci*. 70(11):797-798.
5. Srivastava K.K., D.B. Singh, D. Kumar, S.R. Singh (2020). Effect of planting densities and varieties on yield and yield associated characters of apple (*Malus x domestica*) on semi-dwarfing rootstock. *Indian Journal of Agricultural Sciences*. 87(5): 593-96.
6. Srivastava, K. K., Jabeen, A., Das, B. and Sharma, A. K. (2005). Genetic variability of quince (*Cydonia oblonga*) in Kashmir Valley. *Indian Journal of Agricultural Sciences*. 75(11): 766-768.
7. Srivastava, K. K., Das, B., Ahmad, N, Singh, S.R., Rather, J.A., Bhat, S.K. (2012). Correlation and Co-heritability studies of yield and yield associating characters in apple (*Malus domestica*). *Indian J. Agril Sci*. 82 (3): 270-276.

8. Srivastava, K. K., Ahmad, N, Singh, S.R., Das, B., Bhat, S.K., Rather, J.A. (2013). Influence of diverse pollen source on fruitfulness of apple. Indian J. Agril Sci. 83 (9): 997-1000.
9. Srivastava, K. K., Das, B., Sundouri, AS, Sharma, MK, and Singh, S. R. (2008). Evaluation of pear sucker for different root stock characters. Indian J. Agril Sci. 78(11): 920-3.
10. Srivastava , K. K., Ahmed N., Kumar Dinesh and Bhat, S.K (2015). Rejuvenation techniques for revival of the senile and old almond (*Prunus dulcis*) orchard in North western Himalaya region. Indian Journal of Agricultural Sciences 85(1):28-31.

**Patent / Technologies / Varieties / Methodologies / System etc.:**

Varieties: Four apple hybrids namely Ammol, Ammrith, Prium and Pride in process of release

04 varieties of sweet cherry (CITH-Cherry-01, CITH-Cherry-02 CITH-Cherry-03 CITH-Cherry-04 ,

09 varieties of walnut (CITH-Walnut-01, CITH-Walnut-02, CITH-Walnut-03, CITH-Walnut-04, CITH-Walnut-05 CITH-Walnut-06, CITH-Walnut-07 , CITH-Walnut-08 , CITH-Walnut-09

03 variety of apricot CITH-Apricot-01, CITH-Apricot-02 CITH-Apricot-03

Technologies:

1-Rejuvenation technology for old and unproductive almond plantations

2-High density and medium density planting system for almond

3-High density and medium density planting system for apple

4-Espalier architecture developed in apple for Ultra High Density planting system

5-Containerized fruit culture for terrace gardening

6-Tree architecture for high quality guava production

7-Pre-harvest bagging technique for insect-pest free guava production

8-Rain water harvesting and moisture conservation in apple

9-Rain water harvesting and moisture conservation in almond

10-Developed DUS guideline for apple and pear

11-Developed DUS guideline for Apricot and Cherry

**No. of Students Guided (M.Sc.) : 04**

**No. of Students Guided (Ph.D.) :**

**Awards / Recognitions / Fellowship:**

1. His Excellency Hon'ble President of India presented 2nd prize of Rajbhasha Gaurav Award under the Gyan and Vigyan, 2014 category on Original scientific book writing in Hindi "Sheetoshn Phalon Ki Vaigynik Kheti". The award comprised Rs 1.25 lakhs of cash, Memento and certificate.

2. HSI, Fellowship for the year 2017, awarded by Indian Academy of Horticultural Science formerly known as Horticultural Society of India, National Societies Building, NASC Complex, New Delhi.

3. Awarded Fellowship for the year 2017 by Horticultural Research and Development (SHRD), Ghaziabad, Uttar Pradesh in the National Seminar held at Mahatma Gandhi Gramodaya Viswavidalaya, Chitrakoot, MP.

4. Best DUS test Centre award conferred in 2010-11, for outstanding work conducted in the field of DUS testing in Apple and Pear. The performance award conferred to the project title "Validation of DUS International Guideline under Indian condition for apple and pear". The award was given by Protection of Plant Variety Farmer's Right Authority, GOI, NASC, Complex, and New Delhi.

5. Young Scientist Associate Award 2012, Conferred on the occasion of 14th Indian Agricultural Scientists and Farmers Congress on Diversification in Agriculture and Agri-preneurship on 18-19 Feb, 2012 at SIEMAT, Allahabad, UP.