

Name : Dr. Devendra Pandey
Designation : Principal Scientist
ICAR e-mail : Devendra.Panday@icar.gov.in
Alternate e-mail : devendracish@gmail.com
Mobile No : 9415516557
Field of Specialization : Fruit Science



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

Narendra Dev University of Agriculture & Technology kumarganj Ayodhya

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

Indian Agricultural Research Institute, Pusa, New Delhi

Joining date in ICAR : 2/17/1986

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

1. Pandey, D., Shukla, S.K., Trevedi, A. K; Singh, S. and Giri, D. (2020). Variability in flowering behavior and physico-chemical traits of bael (*Aegle marmelos* Correa) cultivars under Subtropical conditions. *Indian Journal of Agricultural Sciences*, 90(3):502-506.
2. Pandey, D., Pandey, G., Pandey, A. and Dube, A. (2016). Field evaluation of indian gooseberry (*Embilica officinalis* Gaertn.) accessions for yield, fruit quality and antioxidant potential. *Indian Journal of Agricultural Sciences*, 86(11):123-126.
3. Pandey, D., Pandey, A. K. and Yadava, S. K. (2016) Evaluation of newly developed guava cultivars and selections under Lucknow conditions. *Indian Journal of Horticulture*, 73(3): 334-338.
4. Pandey, D., Tandon, D.k., Hudedamani, U. and Tripathi, M. (2013). Variability in bael genotype from Eastern Uttar Pradesh. *Indian Journal of Horticulture*, 70(2):170-178.
5. Pandey, D., Shukla, S.K. and Kumar, A. (2008). Variability in bael (*Aegle marmelos* Corr.) accessions from Bihar and Jharkhand. *Indian Journal of Horticulture*. 65(2): 226-229.
6. Pandey, D. and Pandey, S. N. (2007). Physiological status of shoot in mango (*Mangifera indica* L.) bearing healthy and malformed floral buds. *Indian J. Hort.*, 64(2):131-135.
7. Pandey, D. and Pandey, S. N. (2001). Effect of *Ruellia tuberosa* L. leaf extract, NAA and irrigation on floral malformation of mango. *Indian J. Hort.*, 58 (3): 244-246.
8. Pandey, D. and Pandey, S. N. (1998). Effect of Dormex (Hydrogen Cyanamide) on floral malformation in mango (*Mangifera indica* L.). *Indian J. Hort.*, 56 (3): 230-232.

9. Pandey, D., Pandey, S. N. and Singh, O. P. (2002). Bud morphology and expression of floral malformation in mango (*Mangifera indica* L.). *Indian J. Hort.*, 59 (3): 275-278.

10. Pandey, G., Pandey, D., Tripathi, M. and Singh, A. and Mishra, M (2016). Studies on bio-chemical profiling on Indian gooseberry (*Emblic officinalis* Gaertn.) for genetic diversity. *Journal of Environmental Biology*, 37(2):179-184.

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

Varieties:

Two varieties of bael viz., CISH-B-1 and CISH-B-2 having good quality and yield potential have been released and one selection CISH-B-3 are in the pipeline of release.

Two superior selections CISH-A-31 and CISH-A-33 for better fruit size, higher yield and higher vitamin 'C' content respectively were identified.

Technology:

1. Rejuvenation techniques for old and unproductive aonla orchard has been standardized.
2. Avoid rainy season crop in guava by use of two sprays of urea (10%) in guava cv. Allahabad Safeda and urea (15%) in cv. Sardar at full bloom in the month of April.
3. Best period i.e., July for patch budding in guava has been standardized for obtaining maximum success(70%) has been standardize.
4. A simple technique for prediction of malformation occurrence has been developed. Multiple buds (apical bud with several protuberances at their base) produced more malformation as compared to simple buds. Deblossoming of these buds at early stage of its development is recommended for reduction in malformation.

No. of Students Guided (M.Sc.) : 01

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

Awards / Recognitions / Fellowship:

Awards

Eminent Scientist Award (2020) for Excellent contribution in the field of Agriculture & Allied sector. by In the National Webinar on Farm, Food & Farmer during September 24-25, 2020 organized by Samgra Vikas Welfare Society, Lucknow, Uttar Pradesh.