

CURRICULUM VITAE

Dr.Pavitra Dev

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Department of Horticulture
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Educational Qualification

- High School (Science) from U.P. Board in with **49.50 %** marks in the year 2001.
- Intermediate (Agriculture) from U.P. Board with **76.00 %** marks in the year 2003.
- B.Sc. (Ag.) from S.V.P.University of Agri.& Tech., Meerut with **82.10 %** marks in the year 2008.
- M.Sc. (Ag.) Horticulture from S.V.P.University of Agri.& Tech., Meerut with **88.27 %** marks in the year 2010.
- Ph.D. (Horticulture) from S.V.P.University of Agri.& Tech., Meerut with **85.24 %** marks in the year 2013.
- NET (ASRB) in Horticulture discipline in the year 2010.

Research titles

- M.Sc. Ag. (Horticulture): Impact of integrated nutrient management on the performance of summer tomato (*Lycopersiconesculentum*Mill.).
- Ph. D Horticulture: Impact of foliar application of bioregulators and nutrients on vegetative, reproductive and bio-chemical parameters in okra {*Abelmoschus esculentus* (L.) Moench}

Teaching,Additional Duteis andExperience

- Teaching& Researchexperience of M. Phil. Horticulture, Department of Horticulture, C.C.S. University Meerut from 2015 to 2020 (5 years).

- Teaching & Research experience of M.Sc. (Ag) Horticulture, Department of Horticulture, C.C.S. University Meerut since 2020 to till date.
- Teaching & Research experience of Ph.D. Horticulture, Department of Horticulture, C.C.S. University, Meerut since 2020 to till date.
- In-charge of Horticulture Research Farm, Department of Horticulture, C.C.S. University, Meerut since 2016 to till date.
- In-charge of Horticulture Laboratory, Farm, Department of Horticulture, C.C.S. University, Meerut since 2016 to till date.
- In-charge of campus sanitation “Svachchhata Parbhari” C.C.S. University, Meerut since November, 2021 to till date.
- Consignee/ buyer on Gem portal to the Department of Horticulture, C.C.S. University, Campus, Meerut since September 2022 to till date.
- BoS member as “Special Invited Member” of Defence Studies Programme 2022 to 2024, Chaudhary Charan Singh, University, Meerut.
- BoS member as “Special Invited Member” of Horticulture Programme 2022 to 2024, Chaudhary Charan Singh, University, Meerut.

• **Nature of Duties**

- Teaching of horticultural courses.
- Guiding PG students and Research scholar for research projects/ thesis.
- Conducting researches based on horticultural issues.
- Development of curricula for undergraduate, post graduate and M.Phil. students.

Award / Fellowship (10)

1. **Vice-Chancellor’s Silver medal Award** in B.Sc. (Ag.) from Sardar Vallabhbhai Patel University of Ag. & Tech., Meerut in 2008.

2. **First Rank Holder in M.Sc. (Ag)** Horticulture Degree Programme from Sardar Vallabhbhai Patel University of Ag. & Tech., Meerut in 2010.
3. **INSPIRE Fellowship Award** by Government of India, Ministry of Science & Technology, Department of Science & Technology in 2011
4. **Outstanding Scientist in Agriculture Award** by Scientific Educational research society, Meerut, in International Conference on Global Initiatives and applied Sciences and Green Technologies at SRM University, Modinagar, Ghaziabad in 2016.
5. **Young Fellow Award** by Hi-Tech Horticulture Society, Meerut, in International conference on Global Agriculture & Innovation Conference, at Noida International University, Noida in 2016.
6. **Best Oral Paper Presentation Award** by Agricultural Technology Development Society, Ghaziabad, in National conference on Natural Resources Management for Sustainable Agriculture at JantaVadic College Baraut, Baghpatin 2016.
7. **Young Scientist Award** by Agricultural Technology Development Society (ATDS), Ghaziabad, in International Conference on Advances in Agriculture and Biodiversity Conservation for Sustainable Development (ABCD-2017) at BrahaspatiBhawan, C.C.S. University, Meerut in 2017.
8. **Young Scientist Associate Award** by Society for Recent Development in Agriculture, Meerut in Global Meet on Science and Technology for Ensuring Quality Life (GMST-2017) at Hotel Ancasa and Spa, Kuala Lumpur, Malaysia in 2017.
9. **Best Poster Paper Presentation Award** by Hi-Tech Horticulture Society, Meerut, in Global Meet on Science and Technology for Ensuring Quality Life (GMST-2017) at Hotel Ancasa and Spa, Kuala Lumpur, Malaysia in 2017.
10. **Young Scientist Award** by Endling conference, Pune, Maharashtra, inInternational Conference on Sustainable Agriculture on Food and Security (SAFE) at Dhanbad, Jharkhand in 2018.
11. **Best Horticulturist Award** by Agricultural Technology Development Society (ATDS), Ghaziabad, in International Conference on Global Approaches in natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19 at Conference Hall, Shobhit Deemed University, Modipuram, Meerut in 2021.
12. **Excellence Research Award** by Agricultural Technology Development Society (ATDS), Ghaziabad, in 5thInternational Conference on Advances in Smart Agriculture

and Biodiversity Conservation for sustainable Development (SABCD- 2022) at Jaipur National University, Jaipur, Rajasthan, India.

Memberships of Academic societies

1. Life membership of Indian Society of Ornamental Horticulture, IARI, New Delhi.
2. Life membership of Scientific Educational Research Society, Meerut (U.P.)
3. Life membership of Society for Recent Development in Agriculture, Meerut(U.P.)
4. Life membership of Agricultural Technology Development Society, Ghaziabad (U.P)
5. Associate editor of International Journal of Agriculture Invention, Ghaziabad (U.P)

M.Phil. Projects completed under supervision (09)

1. Impact of organic manures and biofertilizers on the performance of radish (*Raphanus sativus* L.).(Author: Mr. Sandeep Kumar) (Batch 2016-17)
2. Impact of Impact of integrated nutrient management on growth and yield of broccoli (*Brassica oleracea*L.*var.Italica*) cv. Pusa KTS-1. (Author: Mr Krishan Chaudhary) (Batch 2017-18)
3. Effect of plant growth regulators on growth and yield performance of onion (*Allium cepa* L.) cv. Pusa Red. (Author: Mr. Akshya Kumar) (Batch 2017-18)
4. Effect of integrated nutrient management on growth and yield parameters of okra (*Abelmoschus esculentus* (L.) Moench) cv. Arka Anamika (Author: Mr. AnkurTomar) (Batch 2017-18)
5. Effect of plant growth regulators on growth and yield parameters of radish (*Raphanas sativus* L.). (Author: Mr. AvinashTomer) (Batch 2017-18)
6. Impact of integrated nutrient management on growth and yield parameters of turnip (*Brassica rapa*L.) cv. Purple Top White Globe under Western Uttar Pradesh condition. (Author: Mr. Amit Kumar Gangwar) (Batch 2018-19)
7. Effect of different organic manures on growth and yield parameters of radish (*Raphanus sativus* L.) cv. Japanese White. (Author: Mr. Krishna MurariAgnihotri) (Batch 2018-19)
8. Effect of plant bioregulators on growth and yield parameters of okra (*Abelmoschus esculentus* L. Moench) cv. Arka Anamika. (Author: Mr. Ram Prakash Maurya) (Batch 2018-19)

9. Effect of sucrose and silver nitrate on vase life of gladiolus cv. White Prosperity. (Author: Mr. Satvaan Singh) (Batch 2018-19)
10. Effect of Foliar application of Plant Bio-Regulators on Growth, Flowering and Yield Parameters of Strawberry (*Fragaria × ananassa*) cv. Winter Down (Author: Mr. Deepak Goswami) (Batch 2019-20).
11. Effect of organic manures and Biofertilizers on the Performance of Beetroot (*Beta vulgaris* L.) cv. Detroit Dark Red (Author: Mr. Sanjay Yadav) (Batch 2019-20).
12. Effect of panchagavya and Cow-urin on Growth and Yield of Okra [*Abelmoschus esculentus* (L.) Moench] cv. Pusa A4 (Author: Mr. Shobhit Sharma) (Batch 2019-20).

Research papers/ Book chapters / Articles /Abstracts/

A. Research Papers

1. **Pavitra Dev**, I.P. Singh, Satya Prakash, Braj Mohan, Vinuj Kumar and Manender Singh (2012). Impact of integrated nutrient management on the yield performance of summer tomato (*Lycopersicon esculantum* Mill.) cv. Kanchan Special. *International Journal of Agricultural Sciences*; 8(1): 63-65. (#NAAS rating: 4.73) (January) (Print ISSN 0973-130X & Online ISSN – 0976-5670)
http://www.connectjournals.com/toc2.php?abstract=1355401H_8_63-65_A.pdf&&bookmark=CJ-033307&&yaer=2016&&issue_id=01
2. Manender Singh, Sunil Malik, Mukesh Kumar, K.V. Singh, Sanjiv Kumar, **Pavitra Dev** and Vinuj Kumar (2012). Studies of Variability, Heritability and Genetic Advance in Field Pea (*Pisum Sativum* L.). *Progressive Agriculture*; 12 (1), 219-222. (#NAAS rating: 4.21) (February) (Print ISSN 0972-6152 & Online ISSN – 0976-4615)
<https://indianjournals.com/ijor.aspx?target=ijor:pa&volume=12&issue=1&article=036>
3. **Pavitra Dev**, I.P. Singh, Satya Prakash, Manender Singh, Vinuj Kumar and Devendra Kumar (2012). Influence of integrated nutrient management on growth parameters of summer Tomato (*Lycopersicon esculantum* Mill.) *Annals of Horticulture*; 5(1): 144-146. (#NAAS rating: 4.16) (June) (Print ISSN 0974-8784 & Online ISSN – 0976-4623)
<https://www.indianjournals.com/ijor.aspx?target=ijor:ah&volume=5&issue=1&article=024>
4. Manender Singh, Sunil Malik, Mukesh Kumar, S.K. Singh, Kumar, S.; **Pavitra Dev** and Vinuj Kumar. (2012). Character Association study for seed yield and its

- contributing traits in field pea (*Pisum sativum* L.). *Annals of Horticulture*; 5(1): 122-127. (#NAAS rating: 4.16) (June) (Print ISSN 0974-8784 & Online ISSN – 0976-4623)
<https://indianjournals.com/ijor.aspx?target=ijor:ah&volume=5&issue=1&article=019>
5. Vinuj Kumar.; M. K. Singh, Manender Singh, **Pavitra Dev** and Braj Mohan (2012). Influence of Integrated Nutrient Management (INM) on yield and quality of lemon (*citrus limon* burn.) cv. pant lemon-1 under western U.P. conditions. *Annals of Horticulture*; 5(1): 137-139.(#NAAS rating: 4.16) (June) (Print ISSN 0974-8784 & Online ISSN – 0976-4623)
<https://indianjournals.com/ijor.aspx?target=ijor:ah&volume=5&issue=1&article=022>
6. Manender Singh, Sunil Malik, Mukesh Kumar, sanjiv Kumar, **Pavitra Dev** and Vinuj Kumar (2012). Study of heterosis for seed yield and its contributing traits in field pea (*Pisum sativum* L.). *Vegetos. An International Journal of Plant Research*; 25(1): 184-189. (#NAAS rating: 5.27) (June) (Print ISSN 0970-4078 & Online ISSN – 2229-4473)
<https://www.cabdirect.org/cabdirect/abstract/20133137758>
7. Sashi Kant, Y.P. Yadav, Sanjiv Kumar, Manender Singh, Krishnapal, Anil Kumar and **Pavitra Dev** (2012). Variability, heritability and genetic advance in pearl millet (*Pennisetum glaucum* L.) for implications of selection. *Environment and Ecology*; 30 (4): 1378-1380. (#NAAS rating: 5.25) (December) (ISSN 0970-0420)
<https://www.cabdirect.org/cabdirect/abstract/20123415618>
8. Vinuj Kumar. M.K. Singh, Manender Singh, Braj Mohan, **Pavitra Dev** and Rajat Chauhan (2013). Effect of Integrated Nutrient Management (INM) on plant growth and fruiting characters of Lemon (*citrus limon* burn.) cv. pant lemon-1 under western U.P. conditions. *Annals of Horticulture*; 6(1): 142-144. (#NAAS rating: 4.16) (April) (Print ISSN 0974-8784 & Online ISSN – 0976-4623)
<https://indianjournals.com/ijor.aspx?target=ijor:ah&volume=6&issue=1&article=021>
9. **Pavitra Dev**; Satya Prakash; Bijendra Singh, Vinuj Kumar, Manender Singh and Gayatri Bhadana (2014). Study on the effect of foliar application of bioregulators and nutrients on the economics of okra (*Abelmoschus esculentus* (L.) Moench) cultivation under western Uttar Pradesh condition. *Annals of Horticulture*; 7(1) 47-50. (#NAAS rating: 4.16) (June) (Print ISSN 0974-8784 & Online ISSN – 0976-4623)
<https://indianjournals.com/ijor.aspx?target=ijor:ah&volume=7&issue=1&article=010>

10. Manender Singh, Sunil Malik, Mukesh Kumar, Y.S. Rathi, Sanjiv Kumar and **Pavitra Dev** (2014). Combining ability analysis for yield and its contributing attributes in Field Pea (*Pisum sativum* L.) *Annals of Agricultural Research*; 35 (4): 416-422. (**#NAAS rating: 4.78**) (**December**) (**Print ISSN 0970-3179**)
<https://agris.fao.org/agris-search/search.do?recordID=IN2022000271>
11. Himanshu Kumar, Jitendra Kumar, **Pavitra Dev**, Nathi Ram and Kaviraj (2016). Effect of nitrogen and GA₃ on growth and flowering behavior of African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda. *International Journal of Agriculture Invention*; 1(1): 84-87. (**#NAAS rating: NA**) (**June**) (**ISSN 2456-1797**)
<https://www.semanticscholar.org/paper/Effect-of-Nitrogen-and-GA3-on-growth-and-flowering-Kumar-Kumar/e4428c850559cabd8881c6805a831fc0ea12af5c>
12. **Pavitra Dev**, Satya Prakash, Jitendra Kumar, Manender Singh, Vinuj Kumar and GayatriBhadana (2017). Impact of foliar application of bioregulators and nutrients on the vegetative parameters of okra (*Abelmoschus esculentus* (L.) Moench) cv. ParbhaniKranti. *Progressive Agriculture*; 17(1): 107-112. (**#NAAS rating: 4.21**) (**February**) (**Print ISSN 0972-6152 & Online ISSN – 0976-4615**)
<https://indianjournals.com/ijor.aspx?target=ijor:pa&volume=17&issue=1&article=019>
13. **Pavitra Dev**, Satya Prakash, Jitendra Kumar, Manender Singh, Vinuj Kumar and GayatriBhadana (2017). Study on the impact of foliar application of bioregulators and nutrients on the biochemical parameters of okra (*Abelmoschus esculentus* (L.) Moench). *Progressive Agriculture*; 17(1): 132-137. (**NAAS rating: 4.21**) (**February**) (**Print ISSN 0972-6152 & Online ISSN – 0976-4615**)
<https://indianjournals.com/ijor.aspx?target=ijor:pa&volume=17&issue=1&article=023>
14. GayartiBhadana, Vaishali, S.P. Singh and **Pavitra Dev** (2017). Impact of salinity on chlorophyll content in okra germplasm. *Progressive Research*; 12(2): 144-146. (**#NAAS rating: 3.78**) (**April**) (**Print ISSN 0973-6417 & Online ISSN – 2454-6003**)
15. GayartiBhadana, Vaishali, S.P. Singh and **Pavitra Dev** (2017). To study the morphological characters of okra germplasm for salinity tolerance. *Frontiers in Crop Improvement*; 5(1): 64-66. (**#NAAS rating: 4.67**) (**May**) (**ISSN- 2393-8234**)
<http://www.asthafoundation.in/img/16N.pdf>
16. GayartiBhadana, Vaishali, R.S. Senger, B. Singh, Pooran Chand, Mukesh, AakanshaGoswami and **Pavitra Dev** (2017). Study the effect of salinity on emergence stage after 20 days of germination in okra (*Abelmoschus esculentus* L.

- Monch) germplasms. *Annals of Horticulture*; 10(1): 81-86. (#NAAS rating: 4.16) (July) (Print ISSN 0974-8784 & Online ISSN – 0976-4623)
https://www.researchgate.net/figure/Shoot-length-cm-of-okra-plant-after-20-days-of-germination_tbl1_322067331
17. Babar Malik, Jitendra Kumar and **Pavitra Dev*** (2017). Impact of integrated nutrient management on the vegetative and flowering behaviour of bottle gourd [*Lagenariasiceraria* (Mol.) Standl.]. *Progressive Agriculture– An International Journal*; 17(2): 288-291. (#NAAS rating: 4.21) (July) (Print ISSN 0972-6152 & Online ISSN – 0976-4615)
<https://pubag.nal.usda.gov/catalog/7214473>
18. **Pavitra Dev** and Gayarti Bhadana (2017). Impact of integrated nutrient management on growth, yield and quality attributes of tomato (*Lycopersiconesculentum*Mill.) cv. Pusa Rohini. *Progressive Research – An International Journal*; 12 (3): 390-392. (#NAAS rating: 3.78) (August) (Print ISSN 0973-6417 & Online ISSN – 2454-6003)
<http://www.asthafoundation.in/img/031-Pavitra%20Dev.pdf>
19. Vikas, Jitendra Kumar and **Pavitra Dev** (2017). Effect of organic manures and bio-fertilizers on vegetative growth and yield parameters of okra (*Abelmoschus esculentus* L. Moench.) cv. Arka Anamika. *Hortflora Research Spectrum*; 6(3): 209-211. (#NAAS rating: NA) (September) (ISSN 2250-2820)
<https://hortflorajournal.com/AbstractInfo.aspx?ContentId=507>
20. Monbir Singh, Jitendra Kumar, **Pavitra Dev** and Vijai Kumar. (2017). Effect of integrated nutrient management on growth and flowering parameters of African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda. *HortFlora Research Spectrum*; 6(4): 304-306. (#NAAS rating: NA) (December) (ISSN 2250-2820)
<https://www.cabdirect.org/cabdirect/abstract/20183049051>
21. **Pavitra Dev** and Gayarti Bhadana (2017). Impact of foliar application of bioregulators and micronutrients on the performance of broccoli (*Brassica oleracea* var. *Italica*). *Progressive Research – An International Journal*; 12(sp. 4): 2599-2601. (#NAAS rating: 3.78) (December) (Print ISSN 0973-6417 & Online ISSN – 2454-6003)
22. **Pavitra Dev**, Satya Prakash, Manender Singh, Vinuj Kumar and GayartiBhadana (2017). Study on the impact of foliar application of bioregulators and nutrients on the reproductive parameters of Okra (*Abelmoschus esculentus* (L.) Moench)

- Cultivation. *Journal of Pharmacognosy and Phytochemistry*; 6(SP1): 449-452. (#NAAS rating: NA) (December) (Print ISSN 2349-8234 & Online ISSN – 2278-4136)
<https://www.phytojournal.com/archives/2017/vol6issue6S/PartJ/SP-6-6-113.pdf>
23. Manender Singh, Bijender Singh, **Pavitra Dev** and Vinuj Kumar (2017). Study of heterosis for yield and its related traits in Table pea (*Pisum sativum. spp. Hortense*L). *Journal of Pharmacognosy and Phytochemistry*; 6(SP1): 470-473. (#NAAS rating: NA) (December) (Print ISSN 2349-8234 & Online ISSN – 2278-4136)
<https://www.phytojournal.com/special-issue/2017.v6.i6S.2713/study-of-heterosis-for-yield-and-its-related-traits-in-table-pea-pisum-sativum-spp-hortense-l>
24. Babar Malik, Jitendra Kumar and **Pavitra Dev*** (2017). Effect of integrated nutrient management on the yield parameters of bottle gourd [*Lagenariasiceraria* (Mol.) standl.]. *Annals of Horticulture*; 10(2): 217-219. (#NAAS rating: 4.16) (December) (Print ISSN 0974-8784 & Online ISSN – 0976-4623)
<https://www.indianjournals.com/ijor.aspx?target=ijor:ah&volume=10&issue=2&article=018>
25. Vinuj Kumar, Sunil Malik, **Pavitra Dev**, Manoj Kumar and Braj Mohan (2018). Impact of integrated nutrient management on reproductive and physical quality attributes of lemon (*Citrus limon*Burm) cv. Pant Lemon-1 in sandy loam soil under western Uttar Pradesh conditions. *Progressive Agriculture– An International Journal*; 18(1): 106-109. (#NAAS rating: 4.21) (February) (Print ISSN 0972-6152 & Online ISSN – 0976-4615)
<https://indianjournals.com/ijor.aspx?target=ijor:pa&volume=18&issue=1&article=019>
26. VivakUjjwal, Manoj Kumar Singh, **Pavitra Dev**, Mohit Chaudhary, Ashish Kumar and SaurabhTomar (2018). Effect of different levels of GA3 and NAA on vegetative growth and flowering parameters of tomato (*Solanum lycopersicum* L.). *Journal of Pharmacognosy and Phytochemistry*; 7(SP1): 146-148. (#NAAS rating: NA) (February) (Print ISSN 2349-8234 & Online ISSN – 2278-4136)
<https://www.phytojournal.com/archives/2018/vol7issue1S/PartD/SP-7-1-290.pdf>
27. Sandeep Kumar, **Pavitra Dev**, Jitendra Kumar and Himanshu Kumar (2018). Impact of organic manures and biofertilizers on the performance of radish (*Raphanus sativus* L.). *Hort Flora Research Spectrum*; 7(2): 137-140. (#NAAS rating NA) (June) (ISSN 2250-2820)
<https://oaji.net/pdf.html?n=2019/1192-1566530334.pdf>

28. VivakUjjwal, Manoj Kumar Singh, **Pavitra Dev**, Mohit Chaudhary, Ashish Kumar and Ram LakhanMaurya(2018). Impact of foliar application of different levels of GA₃ and NAA on reproductive and quality parameters of tomato (*Solanum Lycopersicum* L.).*Journal of Pharmacognosy and Phytochemistry*; (SP5): 84-86.(#NAAS rating: NA) (October) (Print ISSN 2349-8234 & Online ISSN – 2278-4136)
<https://www.phytojournal.com/archives/2018/vol7issue5S/PartB/SP-7-5-24-248.pdf>
29. Krishan Choudhary, **Pavitra Dev***, Jitendra Kumar, Vinuj Kumar and Tarun Kumar (2018). Effect of integrated nutrient management on yield parameters of broccoli (*Brassica oleracea* L var. *italica*) cv. Pusa KTS-1. *International Journal of Agricultural Invention* 3(1): 223 – 226. (#NAAS rating: NA) (December) (ISSN 2456-1797)
<https://www.semanticscholar.org/paper/Effect-of-integrated-nutrient-management-on-yield-Choudhary-Dev1/06d302d9edf4246bf18c2175d096565a4e2f6d76>
30. AvinashTomer, **Pavitra Dev***, Jitendra Kumar, Akshya Kumar and Vinuj Kumar (2019). Effect of plant growth regulators on growth and yield traits of radish (*Raphanus sativus* L.). *HortFlora Research Spectrum*; 8(1&2): 29-32. (#NAAS rating: NA) (June) (ISSN 2250-2820)
<https://hortflorajournal.com/AbstractInfo.aspx?ContentId=642>
31. AnkurTomar, **Pavitra Dev***, Jitendra Kumar, Krishan Choudhary and Vinuj Kumar (2019). Effect of integrated nutrient management on growth and yield parameters of okra (*Abelmoschus esculentus* (L.) Moench) cv. Arka Anamika *International Journal of Agricultural Invention*;4(2): 185-190. (#NAAS rating: NA) (December) (ISSN 2456-1797)
<https://www.sciencegate.app/document/10.46492/ijai/2019.4.2.11>
32. Teeraj Kumar, Jitendra Kumar, **Pavitra Dev***, Krishan Choudharyand Vijai Kumar (2019). Impact of organic manures and bio-fertilizers on the performance of radish (*Raphanus sativus* L.) cv. Arka Nishant. *HortFlora Research Spectrum*; 8(3&4): 77-81. (#NAAS rating: NA) (December) (ISSN 2250-2820)
<https://hortflorajournal.com/AbstractInfo.aspx?ContentId=663>

33. Vinuj Kumar, Sunil Malik, **Pavitra Dev***, VivakUjjwal and Mohit Chaudhary (2020). Impact of Integrated Nutrient Management on Fruit Quality and Leaves Nutritional Status of Lemon (*Citrus limon*Burm) cv. Pant Lemon-1 in Sandy Loam Soil Under Western Uttar Pradesh Conditions. *Progressive Agriculture*; 20 (1): 66-70. (#NAAS rating: 4.21) (February) (Print ISSN 0972-6152 & Online ISSN – 0976-4615)
<https://indianjournals.com/ijor.aspx?target=ijor:pa&volume=20&issue=1and2&article=010>
34. Vinuj Kumar, Sunil Malik, **Pavitra Dev***, Manoj Kumar and Braj Mohan (2020). Effect of Integrated Nutrient Management in Relation to Vegetative Parameters and Fruiting Behaviour of Lemon (*Citrus limon*Burm) cv. Pant Lemon-1 in Sandy Loam Soil Under Western Uttar Pradesh Conditions. *Progressive Agriculture*; 20 (1&2): 112-116. (#NAAS rating: 4.21) (February) (Print ISSN 0972-6152 & Online ISSN – 0976-4615)
<https://indianjournals.com/ijor.aspx?target=ijor:pa&volume=20&issue=1and2&article=017>
35. VivakUjjwal, Manoj Kumar Singh, R.K. Naresh, **Pavitra Dev** and Shalini Singh (2020). Effect of Integrated Nutrient Management on Quality Parameters of Broccoli (*Brassica oleracea* L. var. *italica*) in Light Textured Soil of Western Uttar Pradesh. *International Archive of Applied Sciences and Technology*; 11 (1): 106-110 (#NAAS rating: 4.36) (March) (Print ISSN 0976-4828 & Online ISSN – 2277-1565)
https://www.researchgate.net/publication/335241156_CODEN_IAASCA_ORIGINAL_ARTICLE_Effect_of_integrated_nutrient_management_on_quality_parameters_of_broccoli_Brassica_oleracea_L_var_italica_in_light_textured_soil_of_Western_Uttar_Pradesh
36. Krishan Choudhary, **Pavitra Dev***, Jitendra Kumar and Akshya Kumar (2020). Impact of integrated nutrient management on vegetative parameters of broccoli (*Brassica oleracea* L. var. *italica*) cv. PUSA KTS-1. *HortFlora Research Spectrum*; 9(1&2): 34-39. (#NAAS rating: NA) (June) (ISSN 2250-2820)
<https://www.cabdirect.org/cabdirect/abstract/20203506641>
37. Himanshu Kumar, J. Kumar, G. R. Kishor and **Pavitra Dev** (2020). Effect of Nitrogen and Spacing on Flowering and Yield of Marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda. *International Journal of Current Microbiology and Applied Sciences*; SP11: 3249-3255. (#NAAS rating: NA) (December) (ISSN 2319-7706)
<https://www.ijcmas.com/special/11/Himanshu%20Kumar,%20et%20al.pdf>

38. Manjeet Kumar, Jitendra Kumar, Pavitra Dev, Krishna Choudhary, Krishna MurariAgnihotri and Akshya Kumar (2020). Effect of Aluminum Sulphate and Silver Nitrate on Vase Life of Cut Rose CV. First Red. *International Journal of Current MicrobiologyandAppliedSciences*; SP 11: 3714-3718 (**#NAAS rating: NA**) (**December**) (**ISSN 2319-7706**)
<https://www.ijcmas.com/special/11/Manjeet%20Kumar,%20et%20al.pdf>
39. Akshya Kumar, **Pavitra Dev**, Jitendra Kumar, Krishna Choudhary, Vinuj Kumar, Bijender Singh and P. S. Pandey (2021). Effect of Plant Growth Regulators on Growth and Yield Performance of Onion (*Allium cepa* L.) cv. Pusa Red. *Progressive Agriculture*;21 (1): 12-16. (**#NAAS rating: 4.21**) (**May**) (**Print ISSN 0972-6152 & Online ISSN – 0976-4615**)
<https://pubag.nal.usda.gov/catalog/7547530>
40. Krishna MurariAgnihotri, **Pavitra Dev**, Jitendra Kumar, Krishan Choudhary, Vinuj Kumar and Akshya Kumar (2021). Effect of Different Organic Manures on Growth and Yield Parameters of Radish (*Raphanus sativus* L.) cv. Japanese White. *Progressive Agriculture*; 21 (1): 17-22. (**#NAAS rating: 4.21**) (**May**) (**Print ISSN 0972-6152 & Online ISSN – 0976-4615**)
<https://pubag.nal.usda.gov/catalog/7547531>
41. SaurabhTomar, Rajiv, D P Singh, A K Srivastava, Subhash Kumar Jawla, MeenakshiKumari, Anurag Malik and **Pavitra Dev** (2021). Influence of Weed Management Practices and Dates of Transplanting in Tomato (*Solanum lycopersicum*). *Indian Journal of Agricultural Sciences*;91 (6): 824–827. (**#NAAS rating: 6.21**) (**June**) (**ISSN 0019-5022**)
https://www.researchgate.net/publication/354100428_Influence_of_weed_management_practices_and_dates_of_transplanting_in_tomato_Solanum_lycopersicum
42. Himanshu Kumar, J. Kumar, G.R. Kishor and **Pavitra Dev** (2021) Effect of Nitrogen and Spacing on Growth Parameters of Marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda. *Progressive Agriculture*; 21 (2): 216-220 (**#NAAS rating: 4.21**) (**November**) (**Print ISSN 0972-6152 & Online ISSN – 0976-4615**)
<https://www.indianjournals.com/ijor.aspx?target=ijor:pa&volume=21&issue=2&article=006>
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#NASS Rating 2020

A. Book chapter

1. Pavitra Dev (2017).“Techniques of Fruit Ripening and Toxic Effects of Calcium Carbide Ripened Fruits on Human Health”. Singh, J. (ed.)*Natural Resource Management for Sustainable Agriculture*. Anu Book; pp. 124-128.
2. Krishna Murari Agnihotri and **Pavitra Dev** (2021). Organic Manures and Their Role in Vegetable Crops. Singh, J. (ed.). *Advance in Improvement of Horticulture Crops*; Learning Media Publication; pp. 62-66.

B. Articles

1. **Pavitra Dev**, Krishna Chaudhary and Krishna Murari Agnihotri (2020). “*Jaivik Kheti Apnao Vartaman aur Bhavishya Bachao*”*Rastriya Krishi*; 15(2): 9-11.
2. Vinuj Kumar and **Pavitra Dev** (2020). *Aam ka Gumma* (Mango Malformation); *Rastriya Krishi*; 15(2): 3-4.
3. Krishna Murari Agnihotri, **Pavitra Dev** and Vivek Ujjwal (2021). *Mooli aay ka achchha srot*. *Rastriya Krishi*; 16(1): 65-66.

C. Abstracts

1. **Pavitra Dev**, I.P Singh, SatyaPrakash,Bijendra Singh and Manender Singh (2011). Impact of integrated nutrient management of the performance of summer Tomato (*Lycopersiconesculentum* Mill.). *National Symposium on Emerging Trends in Agricultural Research*. (2010). P.D.F.S.R. Meerut,11-12 September, 2010, pp 46.
2. Manendra Singh, **Pavitra Dev**, Sanjay Kumar, Davendra Kumar and A. Goswami (2011). Studies on varietal Performance in Carnation. *National Conference on recent Trends and future Prospects in Floriculture*. S.V.P. University of Agri. & Technology. Meerut, 5-8 March, 2011, pp 19.
3. Vinuj Kumar, Yaspal Singh, **Pavitra Dev**, Sanjay Kumar and Devendra Kumar (2011). Genetic variability and varietal performance studies in *Cyclamen persicum*. *National Conference on recent Trends and future Prospects in Floriculture*. S.V.P. University of Agri. & Technology. Meerut, 5-8 March, 2011, pp 19.
4. Manendra Singh, **Pavitra Dev**, Davendra Kumar and Vinuj Kumar (2011). Studies on round the year flower production in chrysanthemum. *National Conference on recent Trends and future Prospects in Floriculture*. S.V.P. University of Agri. & Technology. Meerut, 5-8 March, 2011, pp 88.
5. Devendra Singh, Sunil Malik, Mukesh Kumar, **Pavitra Dev** and Yaspal Singh (2011). Ideal Temperature for Green House Production in Floriculture. *National Conference on recent Trends and future Prospects in Floriculture*. S.V.P. University of Agri. & Technology. Meerut, 5-8 March, 2011, pp 111.

6. Sandeep Kumar, Sanjay Kumar, Mukesh Kumar, Omkar Singh and **Pavitra Dev** (2011). Role of tissue culture in production of ornamental plants. *National Conference on recent Trends and future Prospects in Floriculture*. S.V.P. University of Agri. & Technology. Meerut, 5-8 March, 2011, pp 141.
7. Amrita Singh, Manender Singh, Vinuj Kumar, **Pavitra Dev**, Sanjiv Kumar and Mukesh Kumar (2011). Studies of Variability, Heritability and Genetic Advance in Sunflower (*Helianthus annuus* L.) *International Conference on Issues for Climate Change, Land Use Diversification and Biotechnological Tools for Livelihood Security (ICLDBT-2011)*. S.V.P. University of Agri. & Technology. Meerut, 8-10 October 2011, pp 249.
8. Amrita Singh, Manender Singh, Vinuj Kumar, **Pavitra Dev**, Sanjiv Kumar and Mukesh Kumar (2011). Study of heterosis for seed yield and its contributing traits in Sunflower (*Helianthus annuus* L.). *International Conference on Issues for Climate Change, Land Use Diversification and Biotechnological Tools for Livelihood Security (ICLDBT-2011)*, S.V.P. University of Agri. & Technology. Meerut, 08-10 October 2011, pp 294.
9. Himanshu Kumar, Jitendra Kumar, **Pavitra Dev** and Nathi Ram (2016). Effect of Nitrogen and GA₃ on growth and flowering behavior of African marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gainda. *National Conference on Recent advances in Diversified Agriculture System*, CCR (PG) College Muzaffarnagar, 20-21 February 2016, pp 84.
10. **Pavitra Dev** (2016). Study on the impact of foliar application of bioregulators and nutrients on the vegetative parameters of okra (*Abelmoschus esculentus* (L.) Moench). *International Conference on Global Initiatives and applied Sciences and Green Technologies*. SRM University, Delhi-NCR Campus, Modinagar, Ghaziabad, 09-11 September 2016, pp 56.
11. Vinuj Kumar and **Pavitra Dev** (2016). Impact of Integrated Nutrient Management on reproductive and physical quality attributes of lemon (*Citrus limon* Brum) cv. Pant Lemon -1 in sandy loam soil under Western Uttar Pradesh condition. *International Conference on Global Initiatives and applied Sciences and Green Technologies*. SRM University, Delhi-NCR Campus, Modinagar, Ghaziabad, 09-11 September 2016.
12. **Pavitra Dev**, Jitendra kumar and Gayatri Bhadana (2016). Effect of integrated nutrient management on the vegetative parameters of summer tomato (*Lycopersicon esculentum* Mill.). *National conference on Natural Resources*

- Management for Sustainable Agriculture*. JantaVadic College Baraut, Baghpat, 25 October 2016, pp 68.
13. Ashu Malik and **Pavitra Dev**(2016). Okra (*Abelmoschus esculentus* (L.) Moench) as a Medicinal Plant- A Review. *National conference on Natural Resources Management for Sustainable Agriculture*. JantaVadic College Baraut, Baghpat, 25 October 2016, pp 84.
 14. **Pavitra Dev**, SatyaPrakash and Vinuj Kumar (2016). Study on the impact of foliar application of bioregulators and nutrients on the economics of okra (*Abelmoschus esculentus* (L.) Moench) cultivation under western Uttar Pradesh conditions. *National conference on Natural Resources Management for Sustainable Agriculture*. JantaVadic College Baraut, Baghpat, 25 October 2016, pp 85.
 15. Vinuj Kumar and **Pavitra Dev**(2016). Integrated nutrient management in relation to vegetative parameters of lemon (*Citrus limon*Burm) cv. Pant Lemon-1 in sandy loam soil. *National conference on Natural Resources Management for Sustainable Agriculture*. JantaVadic College Baraut, Baghpat,25 October 2016, pp 99.
 16. **Pavitra Dev**, Satya Prakash and Jitendra Kumar (2016).Study on the effect of foliar application of bioregulators and nutrients on the reproductive parameters of okra (*Abelmoschus esculentus* (L.) Monech). *International conference on Globle Agriculture & Innovation Conference*. Noida International University, Noida, 27-29 November 2016, pp 62.
 17. **Pavitra Dev** and Jitendra Kumar (2016). Value Addition in Major Cut and Loose Flowers. *National conference on Intervention of Climate in Sustainable Development of Agriculture, Food and Nutrition Security and its Amelioration*, Jointly Organized by Society for World Environment, Food and Technology (SWEFT), New Delhi &Swami VivekanandSubharti University, Meerut, 24-29 March 2017 at College of Engineering & Technology, Swami VivekanandSubharti University, Meerut, pp 115.
 18. Babar Malik, Jitendra Kumar and **Pavitra Dev** (2017). Effect of integrated nutrient management on the yield parameters of bottle gourd [*Lagenariasiceraria*(Mol.) standl.]. *International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development* (ABCD, 2017), 27-28 October, 2017, pp 34.
 19. **Pavitra Dev** and Jitendra Kumar (2017). Impact of integrated nutrient management on growth yield and quality attributes of tomato (*Lycopersiconesculentum* Mill.) CV.

- PUSA ROHINI *International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development* (ABCD, 2017), 27-28 October, 2017, pp 34.
20. **Pavitra Dev**, Jitendra Kumar and Gayarti Bhadana (2017). Effect of foliar spray of bioregulators on the vegetative growth of broccoli (*Brassica oleracea* var. *italica*). *International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development* (ABCD, 2017), 27-28 October, 2017, pp 38.
21. Gayarti Bhadana and **Pavitra Dev** (2017). Effect of salinity stress on chlorophyll content in okra germplasm. *International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development* (ABCD, 2017), 27-28 October, 2017, pp 38.
22. **Pavitra Dev** and Gayarti Bhadana (2017). Impact of foliar spray of bioregulators on the yield of broccoli (*Brassica oleracea* var. *italica*). *International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development* (ABCD, 2017), 27-28 October, 2017, pp 42.
23. Ashu Malik and **Pavitra Dev** (2017). Postharvest management of okra. *International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development* (ABCD, 2017), 27-28 October, 2017, pp 44.
24. Gayarti Bhadana and **Pavitra Dev** (2017). Study the morphological characters of okra germplasm for salinity tolerance. Global Meet on Science and Technology for Ensuring Quality Life (GMST-2017), 26-30 November 2017, pp 46.
25. Ashu Malik and **Pavitra Dev** (2017). Vegetables as protective food for human health – a review. *International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development* (ABCD, 2017), 27-28 October, 2017, pp 46.
26. **Pavitra Dev** and Jitendra Kumar (2017). Effect of foliar spray of bioregulators and micronutrients on the performance of broccoli (*Brassica oleracea* var. *italica*). Global Meet on Science and Technology for Ensuring Quality Life (GMST-2017), 26-30 November 2017, pp 51.
27. **Pavitra Dev** and Jitendra Kumar (2017). Study on the impact of foliar application of bioregulators and nutrients on the biochemical parameters of okra (*Abelmoschus esculentus* (L.) Moench). Global Meet on Science and Technology for Ensuring Quality Life (GMST-2017), 26-30 November 2017, pp 59.

28. Jitendra Kumar and **Pavitra Dev** (2017). Role of vegetables as protective food in human health. Global Meet on Science and Technology for Ensuring Quality Life (GMST-2017), 26-30 November 2017, pp 83.
29. Manender Singh and **Pavitra Dev** (2019). Sustainable agriculture and the management of natural resources. 3rd International Conference Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment (GIASE-2019), 16-18 June 2019, pp. 137.
30. **Pavitra Dev** and Manender Singh (2019). Effect of Integrated Nutrient Management (INM) on growth of broccoli (*Brassica Oleracea* L. var. *Italica*) cv. Pusa KTS-1. 3rd International Conference Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment (GIASE-2019), 16-18 June 2019, pp. 343.
31. **Pavitra Dev** and Akshay Kumar (2019). Effect of plant growth regulators on growth and yield performance of Onion (*Allium cepa* L.) cv. Pusa Red. 3rd International Conference Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment (GIASE-2019), 16-18 June 2019, pp. 343.
32. Krishna Choudhary, **Pavitra Dev** and Jitendra Kumar (2019). Effect of integrated nutrient management on vegetative parameters of broccoli (*Brassica oleracea* L. var. *Italica*) cv. Pusa KTS-1. International Conference on Genomics and Breeding for Crop Improvement, 04-06 December 2019, pp. 129.
33. Avinash Tomer, **Pavitra Dev** and Jitendra Kumar (2021). Effect of plant growth regulators on growth and yield parameters of radish (*Raphanus sativus* L.) in International Conference on Global Approaches in natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19, 26-28 February 2021, pp. 40.
34. Himanshu Kumar, J. Kumar, G.R. Kishor, **Pavitra Dev** (2021). Study the effect of nitrogen and spacing on growth parameters of marigold (*Tagetes erecta* L.) cv. Pusa Narangi Gaindain International Conference on Global Approaches in natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19, 26-28 February 2021, pp. 96-97.
35. Krishan Choudhary, **Pavitra Dev**, Jitendra Kumar and Krishna Murari Agnihotri (2021) Effect of integrated nutrient management on growth and yield parameters of broccoli (*Brassica oleracea* L. var. *Italica*) cv. Pusa KTS-1 in International Conference on Global Approaches in natural Resource Management for Climate Smart

Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19, 26-28 February 2021, pp. 125

36. Krishna MurariAgnihotri, **Pavitra Dev** and Krishna Choudhary (2021) Effect of different organic manures on growth and yield parameters of radish (*Raphanus sativus L.*) cv. Japanese White in International Conference on Global Approaches in natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19, 26-28 February 2021, pp. 126
37. Sandeep Kumar, **Pavitra Dev** and Himanshu Kumar (2021) Impact of organic manures and biofertilizers on the performance of radish (*Raphanus sativus L.*) in International Conference on Global Approaches in natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19, 26-28 February 2021, pp. 237.
38. Ram Prakash Maurya, **Pavitra Dev** and Krishan Choudhary (2021). “Effect of plant bioregulators on growth and yield parameters of okra (*Abelmoschus esculentus L.* Moench) cv. Arka Anamika” in 2nd International e-conference on Advances in Agriculture, Technology and Allied Sciences for Sustainable Development, 09-10 October 2021, pp. 95
39. Sanjay Yadav, **Pavitra Dev** and Jitendra Kumar (2021). “Effect of organic manures and biofertilizers on the performance of beetroot cv. Detroit Dark Red” in 2nd International e-conference on Advances in Agriculture, Technology and Allied Sciences for Sustainable Development, 09-10 October 2021, pp. 95-96
40. Sonal Chaudhary and **Pavitra Dev** (2021). “Carbon sequestration in natural forests of India” in 2nd International e-conference on Advances in Agriculture, Technology and Allied Sciences for Sustainable Development, 09-10 October 2021, pp. 154
41. **Pavitra Dev**, Kulvir Singh, AshuSoam and Pulkit (2021). “Nutritional and Medicinal Value of Brinjal” in 2nd International e-conference on Advances in Agriculture, Technology and Allied Sciences for Sustainable Development, 09-10 October 2021, pp. 154
42. Krishna MurariAgnihotri and **Pavitra Dev**(2022). “Effect of Different Organic Manures on Growth and Yield Parameters of Radish (*Raphanus sativus L.*) cv. Japanese White” in 5th International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development, 04-06 March 2022, pp. 87

43. Satvaan Singh, Rajat Singh, Deepak Goswami and **Pavitra Dev** (2022). “Studies on Standardized the Optimum Doses of Sucrose on Vase Life Attributes of *Gladiolus*” in 5th International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development, 04-06 March 2022, pp. 173
44. VivakUjjwal, **Pavitra Dev**, Sunil Kumar, Arvind Malik and Ravi Kumar (2022). “Effect of Organic Manures Bio-Fertilizers on Vegetative and Yield Parameters of Brinjal (*Solanum melongena*) cv. Pant Rituraj” in 5th International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development, 04-06 March 2022, pp. 210

Symposiums/Conferences/ Workshop/ Orientation/Refresher programmes

A. Conference organizing Committee member

1. **Co-organizing secretary** in International Conference on Advances in Agriculture and Biodiversity Conservation for Sustainable Development (ABCD-2017). Jointly organized by Agricultural Technology Development Society (ATDS), Ghaziabad and Department of Horticulture, C.C.S. University, Meerut, held during 27-28 October 2017 at BrahaspatiBhawan, C.C.S. University, Meerut.
2. **Organizing Vice-Chairman** in International Conference on Global Approaches in natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19 organized by Agricultural Technology Development Society (ATDS), Ghaziabad in collaboration with CCS University, Meerut, held during 26-28 February 2021 at Conference Hall, Shobhit Deemed University, Modipuram, Meerut.
3. **Sub Nodal Officer** in Science Week Festival “*VigyanSarvatraPujyate: Festival of SCoPR*”, Sponsored by VigyaPrasar, Govt. of India and Organized by Ch. Charan Singh University, Meerut, U.P. during 22-28 February 2022 in CCS University campus, Meerut.
4. **Co-organizing secretary** in 5th International Conference on “Advances in Smart Agriculture and Biodiversity Conservation for sustainable Development (SABCD-2022)”. Organized by Agricultural Technology Development Society (ATDS), Ghaziabad held during 04-06 March 2022 at Conference Hall, Jaipur National University, Jaipur Rajasthan.

B. Invited lecture

1. “Techniques of Fruit Ripening and Toxic Effects of Calcium Carbide Ripened Fruits On Human Health” in National conference on Natural Resources Management for Sustainable Agriculture, Organized by Agricultural Technology Development Society (ADTS), Ghaziabad, held during 25 October 2016 at JantaVadic College Baraut, Baghpat.
2. “Value addition in Major cut and Loose Flowers” in National conference on Intervention of Climate in Sustainable Development of Agriculture, Food and Nutrition Security and its Amelioration, Jointly Organized by Society for World Environment, Food and Technology (SWEFT), New Delhi & Swami VivekanandSubharti University, Meerut, held during 24-25 March 2017 at College of Engineering & Technology, Swami VivekanandSubharti University, Meerut.

C. Poster paper presented

1. “Study on the Impact of Foliar Application of Bio-Regulators and Nutrients on the Reproductive Attributes of Okra (*Abelmoschus esculentus* (L.) Moench)” in International Conference on Global Initiatives and applied Sciences and Green Technologies, jointly organized by Scientific Education Research Society, Meerut and SRM University, Delhi-NCR Campus, Modinagar, Ghaziabad, held during 09-11 September 2016 at SRM University, Delhi-NCR Campus, Modinagar, Ghaziabad.
2. “Present Scenario and Concept of Smart Agriculture” in International Conference on Global Meet on Science & Technology for Ensuring Quality Life (GMST-2017) organized by Hi-Tech Horticulture Society, Meerut, held during 26-30th November 2017 at Kuala Lumpur, Malaysia.
3. “Effect of Integrated Nutrient Management on Yield Parameters of Broccoli (*Brassica oleracea* L. var. *Italica*) cv. Pusa KTS-1” in International Conference on Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19 organized by Agricultural Technology Development Society (ADTS), Ghaziabad, held during 26-28 February in 2021 at Conference Hall, Shobhit Deemed University, Modipuram, Meerut.
4. “Effect of Different Organic Manures on Growth and Yield Parameters of Radish (*Raphanus sativus* L.) cv. Japanese White” in 5th International Conference on “Advances in Smart Agriculture and Biodiversity Conservation for sustainable Development (SABCD- 2022)”. Organized by Agricultural Technology Development Society (ATDS), Ghaziabad held during 04-06 March 2022 at Conference Hall, Jaipur National University, Jaipur Rajasthan.

D. Orientation/ refresher programme Participated

1. Participated and obtained grade 'A' in UGC sponsored orientation programme (*CXLVII*) from 24 October 2017 to 22 November 2017, held at UGC HRDC, Aligarh Muslim University, Aligarh.
2. Participated and obtained grade 'A' in UGC sponsored Refresher Course in Earth Sciences (*Agricultural Sciences*) from 06 December 2018 to 27 December 2018, held at UGC HRDC, Aligarh Muslim University, Aligarh
3. Participated and obtained grade 'A' in UGC sponsored On-line Subject Refresher Course in Environmental studies from 25 October 2021 to 09 November 2021, organized by UGC HRDC, Aligarh Muslim University, Aligarh

E. Workshop Participated

1. National online Workshop on "Nutrient Management options for boosting Organic Agriculture" Organized by Mata Gujri College, Fatehgarh Sahib, Punjab, held during 28-30, May 2020 (**Online**)
2. Two days workshop on "Swayam (SWAYAM) *par Online Pathyakramoki Sanrachnaevam Vikas*" organized by Department of Political Science, Chaudhary Charan Singh University, Meerut, held during 26-27 March 2022.

F. Training courses

1. National training on "Developing Entrepreneurship in Vegetable through Protected Cultivation" under Center for Advanced Agriculture Science & Technology on Nutritional crops Organized by Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, held during 6-7 July, 2021 (**Online**)
2. Training on Hydroponics Technology organized by Integrate hydroponics India Pvt. Ltd. Sector 59, Noida held during 07 August 2022

G. Symposium & Conferences Participated

1. International conference on "Current Trends in Biotechnology & Implications in Agriculture", organized by S.V.P. University of Agri. & Technology, Meerut, held during 19-21 February 2009 at S.V.P. University of Agri. & Technology, Meerut.
2. National Symposium on "Emerging Trends in Agriculture Research", organized by HI-Tech Horticulture Society, held during 11-12 September 2010 at P.D.F.S.R., Modipuram Meerut.

3. Zonal Seminar on “Physiological and Molecular Interventions for Yield and Quality Improvement in Crops Plants”, organized by Centre of Excellence in Agri-Biotechnology, held during 17-18 September 2010 at S.V.P. University of Agri. & Technology, Meerut.
4. National conference on “Recent Trends and Future Prospects in Floriculture”, jointly organized by Indian Society of Ornamental Horticulture, IARI, Pusa, New Delhi and A.V.P. University of Ag. & Tech. Meerut, held during 5-8 March 2011 at S.V.P. University of Agri. & Technology, Meerut.
5. National Symposium on “Advance Biotechnological Research in Agri-Horticultural Crops for Sustaining Productivity, Quality Improvement & Food Security”, Organized by Centre of Excellence in Agri-Biotechnology, held during 14-16 September 2011 at S.V.P. University of Agri. & Technology, Meerut.
6. International conference on “Issues for Climate change, Land use Diversification and Biotechnolglcal Tools for Livelihood Security (ICLDBT-2011)” organized by Hi-Tech Horticultural Society, Meerut, held during 8-10 October 2011 at S.V.P. University of Agri. & Technology, Meerut.
7. International conference on “Impact of Technological Tools on Foods Security Under Global Warming Scenario (ITTFs-2012)” organized by Hi-Tech Horticulture Society, Meerut, held during 11-12 May 2013 at Shobhit University, Meerut.
8. National seminar on “Innovative Approaches for Sustainable Agriculture, Livelihood and Environment Security”, organized by Department of Plant Pathology, GocharMahavidyalaya, Rampur Maniharan, Saharanpur, held during 7 November 2015 at GocharMahavidyalaya, Rampur Maniharan, Saharanpur.
9. National conference on “Recent Advances in Diversified Agriculture System”, organized by research and Education development Society, Meerut, held during 20-21 February 2016 at Ch. Chhotu Ram (PG) College, Muzaffarnagar.
10. National conference on “Genomic and Molecular Breeding”, Department of Genetics and Plant Breeding, Ch. Charan Singh University, Meerut, held during 28-29 March 2016 at Ch. Charan Singh University, Meerut.

11. International Conference on “Global Initiatives and applied Sciences and Green Technologies”, jointly organized by Scientific Education Research Society, Meerut and SRM University, Delhi-NCR Campus, Modinagar, Ghaziabad, held during 09-11 September 2016 at SRM University, Delhi-NCR Campus, Modinagar, Ghaziabad.
12. National conference on “Natural Resources Management for Sustainable Agriculture”, Organized by Agricultural Technology Development Society (ATDS), Ghaziabad, held during 25 October 2016 at JantaVadic College Baraut, Baghpat.
13. International conference on “Global Agriculture & Innovation Conference”, Organized by Hi-Tech Horticulture Society, Meerut and Society for Resent Development in Agriculture, Meerut in collaboration with Noida International University, Noida, held during 27-29 November 2016 at Noida International University, Noida.
14. National conference on “Intervention of Climate in Sustainable Development of Agriculture, Food and Nutrition Security and its Amelioration”, Jointly Organized by Society for World Environment, Food and Technology (SWEFT), New Delhi & Swami VivekanandSubharti University, Meerut, held during 24-25 March 2017 at College of Engineering & Technology, Swami VivekanandSubharti University, Meerut.
15. National Conference on “New Developments & Challenges in Protection of Intellectual Property Rights”, jointly organized by Intellectual Property Cell & Institute of Legal Studies, Chaudhary Charan Singh University, Meerut, held during 06 May 2017 at Chaudhary Charan Singh University, Meerut.
16. International Conference on “Advances in Agriculture and Biodiversity Conservation for Sustainable Development (ABCD-2017)”, jointly organized by Agricultural Technology Development Society (ATDS), Ghaziabad and Department of Horticulture, C.C.S. University, Meerut, held during 27-28 October 2017 at BrahaspatiBhawan, C.C.S. University, Meerut in 2017.
17. Global Meet on “Science and Technology for Ensuring Quality Life (GMST-2017)”, organized by Hi-Tech Horticulture Society, Meerut and Perna Foundation, Meerut, held during 26-30 November 2017 at Hotel Ancasa and Spa, Kuala Lumpur, Malaysia.

18. International Conference on “Food & Agriculture on Sustainable Agriculture on Food and Security (SAFE)”, organized by Endling conference, Pune, Maharashtra, held during 29-31 March 2018 at Dhanbad, Jharkhand.
19. Climate-Smart Agriculture & soil training session in International Conference on “Food & Agriculture (ICFA)”, by Endling conference, Pune, Maharashtra, held during 29-30 March 2018 at Dhanbad, Jharkhand.
20. International symposium on “100 years of Wheat Cytogenetics: Its Impact on Crop Improvement”, organized by Department of Genetics and plant Breeding, Ch. Charan Singh University, Meerut, held during 03-04 November 2018 at Ch. Charan Singh University, Meerut.
21. National Seminar-cum-workshop on “The Biodiversity Conservation and Sustainable Use of Medicinal and Aromatic Plants” organized by Department of Botany, Chaudhary Charan Singh university, Meerut, held during 31 August to 01 September 2019 at Ch. Charan Singh University, Meerut.
22. International Conference on Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA – 2020) During Pandemic Era of COVID-19 organized by Agricultural Technology Development Society (ADTS), Ghaziabad, held during 26-28 February in 2021 at Conference Hall, Shobhit Deemed University, Modipuram, Meerut.
23. 2nd International e-conference on “Advances in Agriculture, Technology and Allied Sciences for Sustainable Development” organized by Scientific Education Research Society, Meerut, held during 09-10 October 2021,

Other Achivments

- **Participated** in 34th All India Rural Sports Turnament Group (III). Organized by Directrate of Sport of Youth Affairs, 2004.
- **Three Bronze Medals** in All India Agricultural University Sports and Game Meets. Sponsored by Indian Council of Agricultural Research (ICAR), New Delhi.
- **Four times participation** in All India Agricultural University Sports and Game Meets. Sponsored by Indian Council of Agricultural Research (ICAR), New Delhi

- **Two times “Best Athlete” Award** by Sardar Vallabhbhai Patel University of Agriculture and Technology Meerut (U.P.).
- **NCC ‘B’ & ‘C’ Certificate** under the authority of Ministry of Defense, Government of India.
- **NSS (two years or 240 hours) certificate** by Sardar Vallabhbhai Patel University of Agriculture and Technology Meerut (U.P.).

Personal Details :

Date of Birth	:	7 th July, 1987
Father Name	:	Sh. Satyaveer Singh
Mother Name	:	Smt. Dayawati
Marital Status	:	Married
Spouse Name	:	Ashu Malik
Children’s	:	Two
Languages Known	:	Hindi & English
Sex	:	Male
Nationality	:	Indian
Permanent Address	:	Village Bharala, Post Daurala, District Meerut, Uttar Pradesh (250221)