

Dr. Ravi Shankar Verma

Assistant Professor

Department of Horticulture

School for Agriculture Sciences & Technology

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**Education Qualifications:**

	Organization	Year of award
Undergraduate	C.S.J.M. University Kanpur (U.P.)	2005
Post-graduation	C.S.A.U.A.&T. Kanpur (U.P.)	2007
Ph.D.	NDUAT, Kumarganj, Faizabad (U.P.)	2011
N. E. T. (Horticulture)	A.S.R.B, New Delhi	2008 & 2009

Professional Experience (In Years)

Teaching Experience- 5Years 3 months

Research Experience- 8 Years 2 months

Extension Experience-3 Years 9 months

Areas of Research (Maximum Five Bullet Points)

The major areas of research include Fruit Science, Floriculture. Vegetable Science and Medicinal & Aromatic Plants through Teaching, Research and Extension activities:

1. Crop Improvement
2. Crop Production
3. Crop Protection
4. Crop Utilization
5. Post-harvest Management
6. High density planting
7. Vegetable grafting
8. Integrated Nutrient Management.

Publications:

1. **Ravi Shankar Verma**, P.C. Singh and O.P. Chaturvedi (2008) Effect of foliar spray of zinc and boron on physical parameters of aonla (*Emblca officinalis L.*) published in The Asian Journal Of Horticulture, Vol .3, No.2: 344-345 Dec-2008).
2. **Ravi Shankar Verma**, H.K. Singh and Shiv Shankar Verma (2014) Effect of Integrated Nutrient Management on Plant growth, Fruit yield and Quality of Phalsa (*Grewia subinaequalis D.C.*) published in "THE ASIAN JOURNAL OF HORTICULTRE" Vol. 9 No. 1 :48-52.
3. Shiv Shankar Verma, **Ravi Shankar Verma**, Shivaraj Kumar Verma and Sanjay Pathak (2015) Effect of Pre-harvest Spray of CaCl_2 , K_2SO_4 and GA_3 on Post harvest Behaviour of Ber cv. Gola. published in Environment and Ecology Vol.33 No. 2: 722-725.
4. Deepa Lal, M.L. Meena, Md. Abu Nayyer, Jitendra Kumar Meena, Tribhuwan Rai, **Ravi Shankar Verma**. (2016) Influence of pruning, ethephon and some nutrient sprays on vegetative, flowering and fruit characteristics of guava. published in Res.Environ.Life.Sci.9(7)796-799.
5. Shiv Shankar Verma, **Ravi Shankar Verma**, Shivaraj Kumar Verma and Sanjay Pathak (2016). Effect of Chemicals and Growth regulators on Yield and Quality of Ber cv Gola. published in Environment and Ecology for Vol.34(4C): 1874-187.
6. M.L. Meena, Vivek Singh, **R.S. Verma**, Jitendra Kumar Meena, Tribhuwan Rai (2017). Estimates of Genetic Parameters for Quantitative and Qualitative Traits in Tomato published in Environment and Ecology for Vol.35(1): 180-184.
7. A. Yadav, **R.S. Verma**, RB Ram, V Kumar, RK Yadav Effect of foliar application of micronutrients on physical parameter of winter season guava (*Psidium guajava L*) Cv. Lalit. published in Plant Archieves
8. S.S. Verma, **R.S. Verma**, S.K. Verma, A.L. Yadav, A.K. Verma (2018). Impact of salt stress on plant establishment, chlorophyll and total free amino acid content of ber (*Zizyphus mauritiana Lamk.*) cultivar Gola. published in Journal of Pharmacognosy and Phytochemistry, Vol.7(2)556-559
9. A. Yadav, **R.S. Verma**, RB Ram, V Kumar, RK Yadav (2018) Effect of foliar application of micronutrients on Bio-chemical attributes of winter season guava (*Psidium guajava L.*) cv. Lalit published in Journal of Pharmacognosy and Phytochemistry, Vol.7(2) 3196-3197
10. Akash Shukla, **R.S. Verma**, Som Prakash, S.S. Verma and Dharmpal singh (2018) Effect of foliar application of nutrients and plant growth regulators physical parameters of guava (*Psidium guajava L.*) fruits cv. Lalit published in Journal of Pharmacognosy and

11. Nanhe Lal Saroj, **R.S. Verma**, Som Prakash, S.S. Verma and Viplaw Kumar (2018) Studies on the effect of foliar spray of plant growth regulators on physical parameter of guava (*Psidium guajava* L.) fruits cv. Lalit published in Journal of Pharmacognosy and Phytochemistry, Vol.7(5) 01-02.
12. Salahuddin, **RS Verma**, Ravi Kumar Singh, Shiv Sagar Singh and Khushboo Singh (2018) Effect of different phosphorus levels and bio-fertilizers on growth parameters of garlic (*Allium sativum* L.) cv. G -1 (yamuna safed) published in Journal of Pharmacognosy and Phytochemistry, Vol.7(6) 1219-1221.
13. Dharmraj Meena, RB Ram and **RS Verma** (2018) Effect of phosphorus levels and bio-fertilizers on growth parameters of garlic (*Allium sativum* L.) cv. G -282 published in Journal of Pharmacognosy and Phytochemistry, Vol.7(6) 1222-1224.
14. Rajesh Kumar, **R.S. Verma** Som Prakash and S.S. Verma (2018) Evaluation of different genotypes on quality parameters of Okra [*Abelmoschus esculentus* (L.) Moench.] Under Subtropical Region of Lucknow published in Journal of Pharmacognosy and Phytochemistry, Vol.7(6) 1225-1226.
15. Dharpal Singh, Sanjay Kumar, **R.S. Verma** and Akash Shukla (2018) Effect of organic manure and bio-fertilizers on quality parameters of strawberry (*Fragaria x ananassa* Duch.) cv. Chandler published in Journal of Pharmacognosy and Phytochemistry, Vol.7(6) 1227-1228.
16. Akash Shukla, **RS Verma**, Som Prakash, Dharpal Singh and Rajesh Kumar (2019) Effect of foliar application of nutrients and plant growth regulators quality parameters of guava (*Psidium guajava*) cv. Lalit International journal of Current Microbiology and Applied Sciences Vol.no.8(5) Page.no.956-959
17. Viplaw Kumar, R B Ram, **RS Verma**, Ajay Yadav and Nanelal Saroj (2019) Effect of foliar application of micronutrients and plant growth regulators on yield and physical characteristics of guava (*Psidium guajava*) cv. Allahabad safeda Journal of Pharmacognosy and Phytochemistry. Vol no. 8(1) Page no. 2715-2716.
18. Dharmraj Meena, RB Ram, **RS Verma** and Bhag Chand Shivran (2019). Effect of phosphorous levels and bio-fertilizers on yield and quality parameters of garlic (*Allium sativum* L.) Cv. G-282. The Pharma Innovation Journal 2019; vol no. 8(6): Page no.681-683.

19. Rajesh Kumar, **RS Verma**, SS Verma, Dharmpal Singh, Akash Shukla and Som Prakash (2019) Evaluation of different genotypes on physical parameters of okra [*Abelmoschus esculentus* (L.) Moench.] under Lucknow region. The Pharma Innovation Journal; Vol no. 8(6) Page no.723-725.
20. **RS Verma**, Rubee Lata, RB Ram, SS Verma and SomPrakash (2019) Effect of organic, inorganic and bio-fertilizers on vegetative characters of dragon fruit (*Hylocereus undatus* L.) plant. The Pharma Innovation Journal.; vol no. 8(6) Page no.726-728
21. **RS Verma**, Rubee Lata, RB Ram, Sanjay Kumar SS Verma and SomPrakash (2019) Effect of organic, inorganic and bio-fertilizers on physico-chemical attributes of dragon fruit (*Hylocereus undatus* L.) plant. Indian Journal of Pure & Applied Biosciences Vol no. 7(6) Page no. 67-70.
22. Dharmpal singh, Sanjay Kumar, **RS Verma**, Akash Shukla and Rajesh Kumar (2019) Effect of Organic Manure and Bio-Fertilizers on Growth and Yield Parameters of Strawberry (*Fragaria x ananassa* Duch.) cv. Chandler International Journal of Current Microbiology and Applied Sciences (2019) vol no. 8(5): Page no.960-964
23. Shree Kant Maurya, **RS Verma**, Harvindra Pal, Samiksha, Som Prakash, Viplaw Kumar and Bhag Chand Shivran (2019) Effect of spacing and varieties on growth attributes of rabi onion (*Allium cepa* L.) The Pharma Innovation Journal. vol no. 8(8): Page no.21-23.
24. Shree Kant Muarya, **RS Verma**, Samiksha, Kamlesh Meena Razauddin (2019) Effect of spacing and varieties on yield attributes of rabi onion (*Allium cepa* L.) Journal of Pharmacognosy and Phytochemistry. Vol no. 8(4) Page no. 2553-2555.
25. Samiksha, **RS Verma**, SK Verma, Shree Kant Maurya and Vivek Kumar Patel (2019). Studies on genetic variability in okra [*Abelmoschus esculents* (L.) Moench] The Pharma Innovation Journal. vol no. 8(8): Page no.311-314.
26. Nanhe Lal Saroj, **RS Verma**, Som Prakash, Viplaw Kumar and Vimal Kumar (2019) Studies on the effect of foliar spray of micronutrients and plant growth regulators on chemical parameters of guava (*Psidium guajava*) cv. Allahabad safeda. International journal of chemical studies. vol no. 7(3) page no. 1102-1103.
27. Salahuddin, **RS Verma**, Khushboo Singh, Ravi Kumar Singh and Shiv Sagar Singh (2019) Effect of different phosphorus levels and bio-fertilizers on

yield and quality parameters of garlic (*Allium Sativum*) cv.G-1 International journal of chemical studies. vol no. 7(2) page no. 1104-1106.

28. **Dr.RS Verma**, Rubee Lata, RB Ram, SomPrakash, Viplaw Kumar, SS Verma, Harvinder Pal and Rajmani Singh (2019) Effect of physic-chemical attributes of different genotypes of jamun (*Syzygium cumini* L. Skeels.) fruits. Journal of Pharmacognosy and Phytochemistry. Vol no. 8(5) Page no. 480-482.
29. Shivendra Kumar, RB Ram, **RS Verma**, Pradeep kumar bairwa and Kamlesh Meena (2019) Studies on physical parameters of guava (*Psidium guajava* L.) genotypes under Lucknow condition. Journal of Pharmacognosy and Phytochemistry. Vol no. 8(5) Page no. 486-488.
30. Shree Kant Maurya, **RS Verma**, Som Prakash, SS Verma and Razauddin (2019). Effect of spacing and varieties on quality parameters of rabi onion (*Allium cepa* L.) Indian Journal of Pure & Applied Biosciences Vol no. 7(5) Page no.511-513.
31. **Ravi Shankar Verma**, Shiv Shankar Verma, Som Prakash and HK Singh (2019). Effect of Integrated Nutrient Management on the Soil Health of Phalsa (*Grewia subinaequalis* D.C.) published in International journal of pharmacy and biological sciences" Vol. 9 No.3 :1320-1323
32. Pradeep kumar Bairwa, **RS Verma**, Harvinder Pal, Som Prakash and Shivendra Kumar (2020) Studies on Chemical Character of different cultivars of Anola (*Embllica Officinalis Gaertn.*) in awadh region. International journal of chemical studies. vol no.8 (1): Page no 2950-2952.
33. Shivendra kumar, RB Ram, **RS Verma**, Pradeep kumar Bairwa and Kamlesh Meena (2020) Studies on chemical parameters of guava (*Psidium guajava* L.) genotypes under Lucknow condition published in Multilogic in Science. Vol no. X, Issue XXXIV.
34. Neeraj Kumar Verma, R.B. Ram, T. Damodaran, R. Lata and **R.S. Verma** (2020) Evaluation of organic sources of nutrients, microbial inoculant coupled with mulching on growth parameters of strawberry cv. chandler grown on partially reclaimed alkali soil of central Uttar Pradesh published in I.J.A.B.R., VOL.10 (3) 2020:
35. Neeraj Kumar Verma, R.B. Ram, **R.S. Verma** and R. Lata (2020) Effect of integrated nutrient management on physico-chemical attributes and B:C ratio of strawberry (*Fragaria × ananassa* Duch.) published in Annals of Plant and Soil Research 22(3): 301-304 (2020)
36. Pradeep Kumar Bairwa, **R.S. Verma**, Harvindra Pal, Som Prakash, Shivendra Kumar and Bhag Chand Shivran (2020) Studies on physical characters of different cultivars of Aonla

(*Emblica officinalis* Gaertn) published in Indian Journal of Pure & Applied Biosciences Vol no. 8(4) Page no. 631-634.

37. Samiksha, **R.S. Verma**, Vivek Kumar Patel, Som Prakash, Shree Kant Muarya and Shivendra Kumar (2020) Genetic Divergence in Okra (*Abelmoschus esculents* (L.) Moench] published in Indian Journal of Pure & Applied Biosciences Vol no. 8(4) Page no. 635-638.
38. Pooja Mishra, Sunita Mishra & **Ravi Shankar Verma** (2020) Fortification of cookies with miracle powder : Ashwagandha and Moringa powder published in International Journal of Food Science and Technology Vol.10,Issue 2, Dec 2020,9-18.
39. Pragya Dubey, Sunita Mishra & **Ravi Shankar Verma** (2020) Nutritional composition of miracle cereal finger millet (*Eleusine coracana*) and its innovative product development published in Research Journal of Agricultural Sciences 12(1):63-67.
40. Kamlesh Meena, **R.S. Verma**, Harvinder Pal, Som Prakash and Shivendra Kumar(2020) Effect of foliar application of micronutrients on chemical characters of winter season guava (*Psidium guajava*) cv.L-49. International journal of chemical studies. vol no. 8(6) page no. 416-417.

Book Chapters

1. Ajay Yadav, **Dr. R.S. Verma**, Dr. Yogesh Prasad, Dr. S.S. Verma, Rohit Maurya and Manoj Kumar(2020). Cultivation of Ber in India published in Advances in Horticulture Vol.14 Page no.79-97(ISBN-978-93-90217-94-6) published by AkiNik Publications, New Delhi.
2. **R.S.Verma** and Shivendra Kumar (2020).Food and Nutritional Security through Horticulture published in Environment and Society Page no. 241-245 (ISBN-978-81-931362-3-3) published by Department of Zoology, Government PG College,Saidabad,Prayagraj and GESA,New Delhi.
3. R.Ramesh Babu, Dharmpal Singh,**R.S.Verma**,Shivendra Kumar and S.S.Verma(2020). Recent advances bulbous crops India published in Advances in Horticulture Vol.16 Page no.105-134(ISBN-978-93-90420-36-0) published by AkiNik Publications, New Delhi.

Edited Books

1. Edited Souvenir-cum-Abstract, National seminar on Transforming Agriculture to Doubling of Farmers Income. Feb. 10-11, 2018. (ISSN -978-93-5300-389-0). Published by Samagra Vikas Welfare society, Lucknow.

Patents

	Inventors	Title and Award/Application No.
Awarded	-	-
Published	-	-
Filed	-	-

Research Supervision

	Completed	Ongoing
PG/M.Phil	13	05
Ph.D.	-	03
Post-Doctoral	-	-

Honors, Recognition and Awards:

- Young Scientist Award- **Given by Society for Agriculture Innovations and Development (SAID), Ranchi (Jharkhand) India.**
- Vice Chancellor Appreciation Award (2017)- **Given by Vice Chancellor, BBAU, Lucknow (U.P.) India.**
- Excellence in Teaching Award- **Given by Society of Scientific Development in Agriculture & Technology (SSDAT), Meerut (U.P) India.**
- Vice Chancellor Appreciation Award (2018)- **Given by Vice Chancellor, BBAU, Lucknow (U.P.) India.**
- Innovative Faculty Award- **Given by Blue Planet Society, Allahabad, U.P.(India).**
- Chaudhary Charan Singh Award for Agricultural Innovations- **Given by Glocal Environment & Social Association- New Delhi (India).**
- Paryavaran Shri Samman -**Given by Asian Biological Research Foundation- Prayagraj (India)**
- Distinguished Service Award - **Given by GESA, New Delhi (India).**

Membership of Professional Bodies:

- **The Horticultural Society of India (HSI), New Delhi**
- **Society for Agriculture Innovations and Development (SAID), Ranchi (Jharkhand) India.**
- **Society of Scientific Development in Agriculture & Technology (SSDAT), Meerut (U.P) India.**
- **Blue Planet Society, Allahabad, U.P.(India)**
- **Global Environment and Social Association (GESA), New Delhi, India**
- **Asian Biological Research Foundation- Prayagraj, U.P. (India)**

Seminar/Conference/Symposia /Workshops Organized:

Please provide details wherein the faculty member has participated as a organizing Secretary

S. No.	Date	Title of Conference or Institution
1	October 31, 2019	National Seminar on the occasion of National Unity Day on Horticulture: A Boon for Indian Economy
2	Feb., 10-11, 2018	National Seminar on Transforming Agriculture to Doubling Farmers 'Income
3	August 30-31, 2017	National Symposium on Agricultural Research with Relation to IPR,S (ARRIPR)

Invited Lectures/Talks/Chair/Co-Chair in Seminar/Conference/Symposia /Workshops:

S.no	Title of lecture /Academic Session	Whether Int.(abroad) or Inter.(within country) or National or State / University Level	Title of Conference / Seminar	Organized by	Year
1.	Chair Session	National	National Conference on Information Security Challenges (NCISC-2016)	BBAU, LUCKNOW	2016
2.	Member-Organizing Committee	University level	9th South Asian Universities Festival (SAUFEST-2016)	BBAU, LUCKNOW	2016
3.	Poster Session (Convener)	International	International Symposium on Microbes for Sustainable Development : Scope & Applications (MSDSA-2017)	Association of Microbiologists of India(AMI)	2017
4.	Role Of Biofertilizers In Horticulture	International	International Symposium on Microbes for Sustainable Development : Scope & Applications (MSDSA-2017)	Association of Microbiologists of India(AMI)	2017
5.	Technical Session (Rapporteur)	National	National Symposium on "IPRs in Agricultural Research"	UPCAR, Govt. of U.P.	2017

6.	Nursery Act Of Uttar Pradesh	National	National Symposium on “IPRs in Agricultural Research”	UPCAR, Govt. of U.P.	2017
7.	Organic Farming	National	4th Lucknow Science Congress (LUSCON-2017) Science Technology & Innovations for sustainable Development	BBAU, LUCKNOW	2017
8.	High Density Planting In Fruit Crops	National	National Seminar on “Transforming Agriculture to doubling of Farmers Income”	BBAU,LKO SVWS,LKO	2018
9.	Role Of Indira Gandhi On Indian Agriculture (Invited Talk)	National	“National Seminar on Indira Gandhi – The Man and Manoeuvres”	Indira Gandhi Study Center, PBPG College,Pratapgarh city, Pratapgarh, (U.P.)	2018
10.	Technical Session- 2 (Chairperson)	National	National Seminar on Indira Gandhi – The Man and Manoeuvres”	Indira Gandhi Study Center, PBPG College,Pratapgarh city, Pratapgarh, (U.P.)	2018
11.	Grafting Of Vegetable Crops	International	International symposium Recent Trends in Agriculture Biodiversity and Social Sustainability (ABSS 2018)	Blue Planet society, Allahabad, U.P., India Botanical Survey of India , CRC, Allahabad, U.P. International Academy of Science and Research, New Delhi	2018
12.	Drip Irrigation In Horticultural Crops	National	National Science Day Celebration and seminar on Fostering Scientific Temper for Welfare of Society and surroundings	BBAU, LUCKNOW & ZSI, Bodh, Gaya	2018

13.	Biodiversity In Fruit Crops	International	Global Conference Our Biodiversity, Our Food & Our Health	Blue Planet society, Prayagraj U.P., India Botanical Survey of India , CRC, , Prayagraj, U.P. International Academy of Science and Research, New Delhi	2019
14	A sustainable intensification in Horticultural system	International	Socio-Economic and Environmental issues.	GESA, New Delhi	2020

Additional Information (If Any):

1. Convener, Proctorial Board, BBAU, Lucknow
2. Member Advisory Committee, University Guest House, BBAU, Lucknow
3. In-charge, Deen Dayal Upadhyay Smriti Upwan, BBAU, Lucknow
4. In- charge, Bio-diversity conservation park, BBAU, Lucknow
5. In- charge, Botanical Garden, BBAU, Lucknow
6. In- charge, Sanitation Section, BBAU, Lucknow
7. In-charge Horticulture Farm I & II, Deptt. of Horticulture, BBAU, Lucknow
8. Member, OBC Cell, BBAU, Lucknow
9. Ex-Member, DRC, Department of Horticulture, BBAU, Lucknow
10. Ex-Hostel Warden, Siddhartha Hostel, BBAU, Lucknow

(Dr. Ravi Shankar Verma)
Assistant Professor,
Department of Horticulture