

CURRICULUM VITAE



Dr. Anil Sharma

Assistant Professor (Horticulture Technology)

Government Degree College, Kathua (J&K)

E-mail Id: sharmaanil.as724@gmail.com

Mobile No: +91-9596159557

CAREER OBJECTIVE

- To explore and explain my area of knowledge in the field of Horticulture (Fruit Science)

PERSONALITY

- A motivated, adaptable, and positive attitude person capable of working in a challenging atmosphere where the ability to understand the view of others and communicate in a realistic and practical manner. Convey and receives information effectively.

ACADEMIC PROFILE

EXAMINATION	YEAR OF PASSING	INSTITUTE	BOARD/UNIV.	PERCENTAGE
Ph.D. Horticulture (Fruit Science)	2023	Division of Fruit Science, College of Horticulture and Forestry, PAU, Ludhiana (Punjab)	Punjab Agricultural University, Ludhiana	74.55
NET	2021	Fruit Science	Agricultural Scientists Recruitment Board (ASRB), ICAR	67.56
NET	2019	Fruit Science	Agricultural Scientists Recruitment Board (ASRB), ICAR	56.76
M.Sc. (Hort.) Fruit Science	2019	Division of Fruit Science, Main Campus Shalimar	SKUAST-Kashmir	77.00
B.Sc. Horticulture (Hons.)	2017	SKUAST-Kashmir, Wadura	Sher-e-Kashmir University of Agri. Science & Technology, Shalimar	67.67

EXPERIENCE DETAIL

UNIVERSITY	FUNDED	FROM	TO	POSITION	PROJECT
SKUAST-JAMMU	Department of Biotechnology, New Delhi	03 May, 2023	02 Nov, 2024	Junior Research Fellow (JRF)	Exploration of Underutilized Amaranthus species for Sustainable Livelihood, Nutritional Security and Climate Resilience of Western Himalayan Region, DBT-New Delhi

PROFESSIONAL PROFILE

- Qualified for Ph.D, Entrance Test (PET) of Punjab Agricultural University 2019.
- Qualified SKUAST-K, UG conducted by University Grant Commission (UGC) in 2013.
- Qualified **SKUAST-K, PG** conducted by University Grant Commission (UGC) in 2017.
- **M.Sc. (Hort.) Fruit Science** Title of the Thesis: “**Studies of floral biology and pollination studies of plum**” 2018.
- **Ph.D. (Horti) Fruit Science** Title of the Thesis: “**Influence of hexanal and signaling molecules on yield, quality and storage behaviour of ber fruit (*Ziziphus mauritiana* Lamk.) cv. Umran**” .

AWARDS

- **Best M.Sc. Thesis Award-2021**, 5th International Conference (Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development) having title of thesis “**Studies of Floral biology and pollination of Plum**”.
- National Social Service (NSS) certificate, contribution to **Social Work in SKUAST- KASHMIR**.

TRAINING

- **14 Days** training programme on “**Farming System and Natural Farming for Livelihood Security in Arid ecosystems**” organized by **DST-SERB** (Department of Science and Technology -Science and Engineering Research Board) w.e.f **1st -14th September, 2022** at **ICAR-CAZRI**, Regional Research Station, Bikaner, Rajasthan.
- “**45 Days** Skill Development Training Programme on “**Mushroom Production Technology**” organized by Mushroom Research and Training Centre, SKUAST- K, Shalimar w.e.f **15th Feb to 30th Mar. 2019**.
- 7 Days online training programme on “**Drip Irrigation and Fertigation Management**” organized by **ICAR-NAHEP** Center for Advanced Agricultural Science and Technology School of Natural Resource Management for Sustainable Agriculture (CAAST-SNRM) at **Punjab Agricultural University, Ludhiana** w.e.f **15th June to 23rd June 2020**.
- 3 Days online training programme on “**Climate change, impact, assessment and mitigation in Agriculture**” organized by Punjab Agricultural University, Ludhiana w.e.f **4th Jan to 6th Jan. 2021**.

PUBLICATIONS

Sr. No.	Title of Paper	Articles	Authors	Journal	Year	NAAS Rating
1.	Pre-harvest Treatment of Sodium Nitroprusside Alleviates Fruit Spoilage by Regulating Antioxidant Activities in Ber Fruit cv. 'Umran' Under Cold Storage Conditions	Research paper	Sharma, A. and Bons, H K	Applied Fruit Science	2025	8.56
2.	Postharvest application of sodium nitroprusside improves the quality of 'Umran' ber fruit under cold storage conditions by regulating enzyme activities	Research paper	Sharma, A. and Bons, H K	New Zealand Journal of Crop and Horticultural Science	2024	7.30
3.	Hexanal application extends shelf-life and maintains quality of 'Umran' Indian jujube fruit by regulating enzymatic activities during cold storage	Research paper	Sharma, A., Bons, H K. Kaur, S K and Chung, S W	The Applied Fruits	2023	8.56
4.	Exogenous application of salicylic acid modulates antioxidant enzyme activities and quality attributes of Umran ber fruits under cold storage	Research paper	Sharma, A. and Bons, H K.	Indian Journal of Agricultural Sciences	2023	6.37
5.	Influence of mineral nutrients (Potassium, Calcium and Boron) as foliar application on fruit set, fruit retention, yield and quality attributes in fruits: A Review	Review	Bons, H K. and Sharma, A.	Journal of Plant Nutrition	2023	8.28
6.	Effect of different methods of pollination on physio-chemical properties of Plum cultivars under temperate regions of North India. 8.56	Research Paper	Sharma, A., Sundouri, A.S., Kumar, A., Rathore, J. P. and Bons, H.K.	AATCC Review	2023	6.78
7.	Flowering and pollination studies plum (<i>Prunus domestica</i> L.) under temperate conditions of India	Research Paper	Sharma, A. Sundouri, A.S. Kumar, A. Bhat, K. M., Sharma, M.K. Deepshikha and Angmo, T.	Indian Journal of Hill Farming 35(1):20-25	2022	5.03
8.	ABA application regulates vascular integrity and calcium	Research Paper	Angmo, T. Rehman, U. Mir, M.M. Bhat,	Canadian Journal of	2022	7.70

	allocation within apple fruits		B.H. Bhat, S.A. Kosser, S. and Sharma, A	Plant Science		
9.	Effect of IBA concentration and cultivars on number of leaves, leaf area and chlorophyll content of leaf in Pomegranate (<i>Punica granatum</i> L.) cuttings under temperate conditions of Kashmir	Research paper	Koteswara, G S., Bisati, I A., Sharma, A. , Kosser, S. and Bhat, S A.	Journal of Pharmacognosy and Photochemistry SP6: 86-90	2020	5.21
10.	Description and management strategies of important pests of pear: A review	Review	Husain, M., Rathore, J.P., Sharma, A. , Raja, A., Qadri, I. and Wani, AB. W.	Journal of Entomology and Zoology Studies 6(3): 677-683	2018	5.54

BOOK CHAPTERS

1. Kumar A., Rathore J.P., Iqbal U., **Sharma A.**, Nagar P.K., Mir M.M. (2021) Rootstocks of Stone Fruit Crops. In: Mir M.M., Iqbal U., Mir S.A. (eds) **Production Technology of Stone Fruits. Springer, Singapore.**
2. Kumar A., Ali A., Khalil A., **Sharma A.** (2020) Plant Growth regulators in Kiwi Fruit. In: Ghosh S. N., Kumar A., Tarai R. K.(eds) **Plant Growth Regulators in Temperate and Underutilized Fruit Crops. Jaya, India.**
3. Kumar A., Lal M., **Sharma A.** (2020) Plant Growth regulators in Plum Fruit. In: Ghosh S. N., Kumar A., Tarai R. K.(eds) **Plant Growth Regulators in Temperate and Underutilized Fruit Crops. Jaya, India.**

ARTICLES:

1. Bons, H K & **Sharma, A.** 2022. Paddy straw mulching: A boon for fruit crops. Indian Horticulture Sept-Oct, 2022. Vol. 67, No. 5. P. 29.
2. **Sharma, A.** Bons, H K & Qadri, I. 2022. Advances packaging to overcome post-harvest losses in fruits and vegetables in India. Krishi Jagran, 22 June, 2022.
3. **Sharma, A.** 2018.Horticulture turnover in Valley. In newspaper **Rising Kashmir** 13 May, 2018. P: 07.
4. **Sharma, A.** 2018.Modern Horticulture in Kashmir: How extension workers can make technology work. In newspaper **Ziraat Times** 01 Oct, 2018. P: 07
5. **Sharma, A.**, Rathore, J P., Qadri, I., Mantri, A., and Nagar P K. 2018. Effects of Air Pollution on Agricultural Crops. In magazine **Popular Kheti** **6(4):91-93.**
6. Nagar, P k., Rathore J. P. Mantri, A., and Sharma, A. 2018. Pilu: A Rich Source of Medicinal Value. In magazine **Popular Kheti** **6(4):98-100.**

SEMINARS/CONFERENCES/SYMPOSIUM

1. I have attended in **National seminar on Himalayan Biodiversity Characterization and Bioprospection for Sustainable Utilization** held on 18, 19 September, 2017 in Kashmir University, Srinagar (J&K).

2. I have attended in **Awareness, Motivation and Technology Transfer for Development of Scientific Beekeeping** in Jammu and Kashmir held on 18, 19 August, 2017 in SKUAST-Kashmir, Sponsored By- National Bee Board.
3. I have attended in **ESW 3rd International Research Conference on “Eco-Tourism & Environment”** held on 29th-31th July, 2018 at SKUAST-Kashmir, Shalimar.
4. I have attended in **2 days national webinar on “Hi-Tech Horticulture”** organized by Society for **Advancement in Agriculture, Horticulture and Allied Sectors (SAAHAS)** held on 16th-17th May, 2020 at Punjab Agricultural University, Ludhiana.
5. I have attended in **“Indian Horticulture Congress-2021”** as a presented a **poster paper** on entitled **“Biotechnological interventions for crop improvement in fruit crops”** held on 18-21, November, 2021 in Chandra Shekhar Azad University of Agriculture and Technology Kanpur, Uttar Pradesh, India.

ABSTRACTS

1. **Sharma, A., Husain, M., Vishwakarma, D.K. and Rathore, J.P.** 2018. Application of Organic Manure and Inorganic Fertilizers and their effect on Soil Health. **National Convention on Resource Conservation for Sustainable Agriculture and Food Security** held on 24 to 25th March 2018 at National Agriculture Science Complex, ICAR, New Delhi.
2. **Sharma, A., and Husain, M., G.K.** 2018. Agroforestry practices for livelihood and their development. **National Convention on Resource Conservation for Sustainable Agriculture and Food Security** held on 24 to 25th March 2018 at National Agriculture Science Complex, ICAR, New Delhi.
3. **Sharma, A., Wani, T. F., Qadri, I. and Jan, S.** **Plant propagation: A way to Improve Horticulture Status.** National Seminar on **Technological Options and Market Intelligence for Enhancing Profitability in Horticulture** held on 27-28th March, 2021 in SKUAST-KASHMIR, Jammu and Kashmir, India.
4. **Sharma, A., Kumar, H., Wani, T. F., Qadri, I. and Jan, S.** **Improve Horticulture Status by Multiplication of Plants.** National Seminar on **Technological Options and Market Intelligence for Enhancing Profitability in Horticulture** held on 27-28th March, 2021 in SKUAST-KASHMIR, Jammu and Kashmir, India.
5. **Kumar, H., Sharma, A., Mazahir, S. and Bothikar, S.** **Nursery Raising in Pro-trays: Key of Healthy Seedlings.** National Seminar on **Technological Options and Market Intelligence for Enhancing Profitability in Horticulture** held on 27-28th March, 2021 in SKUAST-KASHMIR, Jammu and Kashmir, India.
6. **Sharma, A., Kumar, A., Yadav, S. and Qadri, I.** **Biotechnological interventions for crop improvement in fruit crops.** **“Indian Horticulture Congress-2021”** held on 18-21, November, 2021 in Chandra Shekhar Azad University of Agriculture and Technology Kanpur, Uttar Pradesh, India.
7. **Sharma, A.** **Recent Advances in Packaging Technologies in Fruit Crops.** **“International Conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development”** held on 4-6 March, 2022 in Jaipur National University, Jaipur, Rajasthan, India.

PERSONAL INFORMATION

Name : Dr. Anil Sharma
Father's Name : Mr. Sita Ram
Date of birth : 10-01-1994
Gender : Male
Nationality : Indian
UT : Jammu and Kashmir
Languages known : Hindi, English
Personality : Positive Attitude, self-motivated,
Hobby : Reading books, Trekking and Games (Cricket, Volley Ball and Badminton)
Postal Address : Post office- Kharah, Tehsil - Kharah-Balli, District – Jammu, UT-Jammu & Kashmir, Pin code -181203.

REFERENCES

1. **Dr. H K Bons** – Senior Fruit Scientist, Department of Fruit Science **Punjab Agricultural University, Ludhiana, Pujab-141004.**
Contact Number- **8837797017**
2. **Dr. A.S. Sundouri**- Professor, Division of Fruit Science **SKUAST-Kashmir, Jammu and Kashmir-190025.**
Contact Number-**7006965334.**
3. **Dr. Amit Kumar**- Associate Professor, Division of Fruit Science **SKUAST-Kashmir, Jammu and Kashmir-190025.**
Contact Number-**9858813765.**

Declaration:

I hereby certify that all the information provided here is correct to the best of my knowledge.

Date: 18-04-2025

Place: Jammu



Dr. Anil Sharma

