

CURRICULUM VITAE

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Designation	Assistant Professor
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PROFESSIONAL QUALIFICATIONS

Examination	University	Year of passing	Subjects	OGPA
B.Sc. (Horticulture)	Dr. Yashwant Singh Parmar, University of Horticulture and Forestry, Nauni, Solan, HP, India	2010	Horticulture (Elective-Post Harvest Technology)	7.16/10
M.Sc. (Food Technology)	Dr. Yashwant Singh Parmar, University of Horticulture and Forestry, Nauni, Solan, HP, India	2013	Food Technology	7.50/10
Ph.D. (Food Technology)	Dr. Yashwant Singh Parmar, University of Horticulture and Forestry, Nauni, Solan, HP, India	2017	Food Technology	8.13/10

OHER QUALIFICATION

Qualified Indian Council of Agricultural Research (ICAR) National Eligibility Test (NET) in 2016.

WORK EXPERIENCE

-Worked as Junior Research Fellow under the project entitled “Development of Low Cost Value Added Processed Products from Ripe Pumpkin in (*Curcubita moschata*) and Dissemination of Technology to the Farm Women of Himachal Pradesh” (HGI-167-05)” in the Department of Food Science and Technology,

Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan, HP, India in 2016. It is divided into 2 parts:

- a. Demonstrated practicals to the rural women of HP at the Food Science and Technology department of UHF Nauni Solan regarding preparation of processed products from ripe pumpkin and participated actively in organizing three training programs for farm women of different districts of HP during March, 2016 to April, 2016.
- b. Transferred technology to rural women of Himachal Pradesh under the project entitled “Development of Low Cost Value Added Processed Products from Ripe Pumpkin in (*Curcubita moschata*) and Dissemination of Technology to the Farm Women of Himachal Pradesh (HGI-167-05)”

-Worked as a guest lecturer in College of Horticulture and Forestry, Neri, Hamirpur (Dr. YS Parmar UHF), HP, India.

-Presently working as Assistant Professor in Amity International Centre for Post Harvest Technology and Cold Chain Management, Amity Institute of Horticulture Studies and Research, Amity University, Noida, UP, India.

RESEARCH CONDUCTED

- **M.Sc.** Thesis entitled: “Evaluation of drying modes and packaging material for storage of wild pomegranate (*Punica granatum* L.) arils.”
- **Ph.D.** Thesis entitled: “Studies on production of carotenoids as natural food colourant from pumpkin”.

PUBLICATIONS

- Research papers: 10
- Book: 01

1. **Sharma A** and Thakur NS. 2016. Influence of active packaging on quality attributes of dried wild pomegranate arils during storage. *Journal of Applied and Natural Science*. **8**(1): 398 – 404.
2. **Sharma A**, Kumari AK and Attri S. 2020. Utilization of internal waste fluffy portion of Cucurbita maxima for extraction of beta carotene pigment. *Pigment and Resin Technology*.(Accepted paper)
3. **Sharma A** and Thakur NS. 2016. Comparative studies on quality attributes of open sun and solar poly-tunnel dried wild pomegranate arils. *International Journal of Bio-resource and Stress Management*. **7**(1): 136-141.
4. **Sharma A** and Thakur NS. 2016. Effect of different packaging treatments on some chemical constituents of *anardana*. *International Journal of Farm Sciences*. **6**(3): 64-69.
5. Attri S and **Sharma A**. 2016. Standardization of recipes for preparation of sweet pickle from peach, *Prunus persica* (L) Batsch fruit. *International Journal of Farm Sciences*. **6**(1): 148-155.
6. Dhiman AK, Devi L, Attri S and **Sharma A**. Studies on preparation and storage of osmotic dehydrated wild pear (*Pyrus serotina*). *International Journal of Bio-resource and Stress Management*. **7**(5): 1000-1007.
7. Thakur NS and **Sharma A**. 2016. Screening of methods for the extraction of wild pomegranate (*Punica granatum* L.) arils. *Journal of Hill Agriculture*. **7**(2): 262-266.
8. Thakur NS, Dhaygude GS and **Sharma A**. 2017. Development of cultivated and wild pomegranate mixed fruit jelly and its quality evaluation during storage. *Journal of Applied and Natural Science*. **9**(1): 587-592.

9. **Sharma A**, Dhiman AK, Attri S and Thakur RK. 2018. Comparative evaluation of physico-chemical attributes of different portions of *C. moschata* and *C. maxima* species of pumpkin. *International Journal of Chemical Studies*. **6**(2): 3209-3213.
10. Dhiman Anju K, **Sharma A**, Devi L and Attri S. 2018. *Pyrus serotina*: A Himalayan wild pear fruit utilized for preparation of whole fruit preserve. *International Journal of Agriculture Sciences*. **10** (7): 5669-5671.
11. **Sharma A**, Dhiman Anju K and Attri S. Influence of different antioxidants, packaging material and storage conditions on stability of encapsulated colour pigment of ripe pumpkin (*C. maxima* sp). *International Journal of Chemical Studies* (Accepted manuscript: Ref: Chemi-6-2-463).

Book:

1. Dhiman AK, Attri S, **Sharma A** and Ramachandra P. “*Kaddu se nirmit mulyabardhak padarth* (value added products from pumpkin)”. Department of Food Science and technology, Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan, HP, India.

SCHOLARSHIP/FELLOWSHIP/AWARD

- Chiranjit Parmar All India Distinguished Publication Award in Wild Fruits in 2016
- Third Prize in Poster Presentation in a National Conference on Functional Foods, Research Innovations and Challenges, AMIFOST 2019.
- University Merit Scholarship during Post Graduation for academic session 2011-2012
- University Merit Scholarship during Ph.D. for academic sessions 2013-2014 and 2014-2015
- National Service Scheme (NSS) Merit Certificate in 2010.
- State Merit Certificate and Fellowship during matriculation in 2004.
- ICAR NET Merit Certificate in 2016
- Merit Certificate for second position in “*Bhartiya Sanskriti Gyan*” examination in 2004.

TRAINING/WORKSOP

- Attended 3 days training-workshop on Post Harvest Technology and Cold Chain Management under the project entitled “The International Network on Preserving Safety and Nutrition of Indigenous Fruits and their Derivatives” at Amity University, Noida, UP, India.
- Attended 2 days Workshop on Technological Advancements in Plant Pathology at Dr YS Parmar UHF, Nauni, Solan, HP, India.
- Attended Industrial training at Himachal Pradesh Horticultural Produce Marketing Corporation (HPMC), Fruit Processing Plant, Jabli, HP, India.
- Worked as Resource person for an assignment in connection with Asian Development Bank in Maharashtra

CONFERENCE/SYMPOSIUM PARTICIPATION

- Oral presentation in International Congress on the role of Agri-Science, Forestry, Food Technology and Participatory Natural Resource Management for Mitigation of Climate Change at JNU, Delhi, India.
- Poster presentation in National Symposium on Modern Agro-Technologies for Nutritional Security and Health at Dr. YS Parmar UHF Nauni, Solan, Himachal Pradesh, India.
- Oral presentation in International Conference of Engineering, Science and Technology at Eternal University, Baru Sahib, Solan, Himachal Pradesh, India.

EXTRA CO-CURRICULAR ACTIVITIES

- Participated in outdoor and indoor sports like badminton and carrom.
- Participated in Science Quiz on National Science Day during higher secondary education at Regional Horticultural and Forestry Research and Training Station, Bhota, Hamirpur, HP, India.
- Acted as president and host of various events of departmental student-teacher club of Department of Food Science and Technology at Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni, Solan, HP, India.
- Mentor of 12 PG students

➤ Attended Military Training Camp