


S. No.	Name	Designation	Specialization	Email	Phone	Photograph	Academic Profile
	Dr. Rajani	Guest Faculty	Horticulture (Vegetable Science)	Rawat.rajni08@gmail.com	9887412426		

## ACADEMIC PROFILE

Name: Dr. Rajani

Designation: Guest Faculty

Qualification: Ph.D. (Horticulture) / ARS NET

Area of Specialization/Research field: Vegetable Science

Awards/Recognitions:

- i. Awarded by Best Ph.D Thesis Award (2019) by Agricultural & Environmental Technology Development Society (AETDS) held at Kumaun University, Nainital Uttarakhand, India.
- ii. Received Young Horticulturist Award (2019) for outstanding contribution in the field of Horticulture during 2nd International Conference on “Recent Advances in Agricultural, Environmental & Applied Sciences for Global Development (RAAEASGD -2019)” held at Dr. Y. S. Parmar University of Horticulture and Forestry, Solan, Shimla. HP.
- iii. Received Young Scientist Award 2017 for outstanding contribution in the field of Horticulture during 8th National Extension Education Congress-2017 held at ICAR- National Academy of agricultural Research Management, Hyderabad during January 28-31, 2017.
- iv. Received “Teaching Excellence Award-2016” from the “Society for Scientific Development in Agriculture & Technology” for outstanding contribution in the field of Horticulture on the occasion of “National Conference on Innovative and Current Advances in Agriculture & Allied Science (ICAAAS-2016)” during 10-11 December, 2016 held at Prof. Jayashankar Telangana State Agriculture University, Rajendranagar, Hyderabad.

Number of research projects: NA

Number of Ph. D. Candidates successfully supervised: NA

Number of Ph. D. Candidates successfully working: NA

Publication:

Books:

NA

Research Articles published in Journals:

(12)

S.No	Author	Year	Title	Journal	Vol. & Page No.	NAAS
1	Vibha Mishra , S P Uniyal, Rajani Rawat and Meenakshi Uniyal,	2013	Morphology and yield evaluation of early maturing high yielding cabbage hybrids under rainfed mid hill conditions of Uttarakhand	Journal of Hill Agriculture	4 (2): 68-73	4.94 0976-7606
2	Rajani Rawat, S P Uniyal, Vibha Mishra and Meenakshi Uniyal	2014	Varietal impact on yield, quality and profitability of off season radish under rainfed mid hill conditions of Uttarakhand	Journal of Hill Agriculture	5 (1): 61-64	4.94 0976-7606
3	D Kannan, Siddharth Shankar Bhatt, Manisha Negi and Rajni Rawat	2015	Evaluation of Ridge gourd ( <i>Luffa acutangula</i> Roxb L.) Hybrid (F1), Genotypes and Backcrosses for Various Horticultural Characters	Indian Horticulture Journal	5(1/2): 19-23	2.86 2249-6823
4	Rajani and Dharendra Singh	2015	Study of biochemical parameters in potato ( <i>Solanum tuberosum</i> L.) germplasms under Tarai region of Uttarakhand	Asian Journal of Plant Science and Research	5(12):29-35	2249-7412
5	Nutiyal M.K, Rajani Rawat, Bhawesh Joshi, Lalit Joshi and Geeta Pandey	2016	Morphological studies and yield performance of promising genotypes of <i>Jatropha</i> under Tarai region of Uttarakhand	International journal of Basic and Applied Agricultural Research	14(2) :166-168	4. 60 2398765
6	Rajani, Dharendra Singh and A. S. Jeena	2017	Assessing Genetic Diversity of Potato ( <i>Solanum tuberosum</i> ) genotypes grown in Tarai region of Uttarakhand by Using Simple Sequence Repeat (SSR) Technique	International Journal of current microbiology and applied sciences	6(7): 4219-4230	5.38 2319-7706
7	Rajani and Shourabh Joshi	2017	The role of horticultural crops in enhancing nutrient security	International Journal of current microbiology and applied sciences	6(9): 311-316	5.38 2319-7706
8	Rajani and Dharendra Singh	2018	Analysis of genetic diversity in potato ( <i>Solanum tuberosum</i> L.) genotypes through RAPD (Randomly Amplified Polymorphic DNA) markers	International Journal of pure and applied bioscience	6 (1): 933-938	4.74 2320 – 7051
9	M. Negi, D. C. Baskheti and Rajani	2018	Combining ability analysis of maize inbred lines from line x tester mating design under two plant population density	International Journal of current microbiology and applied sciences	7(6): 3539-3550	5.38 2319-7706
10	Manisha Negi	2018	Morphological Description and	International	7(7): 479-	5.38

	and Rajani		Ecotypic Variability for Germplasm in Sea Buckthorn ( <i>Hippophae salicifolia</i> D. Don.) Growing Under Higher Himalayan Region	Journal of current microbiology and applied sciences	483	2319-7706
11	Rajani, Pradeep Soni and Manmohan Singh	2019	Organic Versus Inorganic Food: One Step towards Healthy and Nutritive Nourishment	International Journal of Chemical Studies	7(6): 1756-1760	5.31 2321-4902

iii) Paper presented in Conferences/Seminars

Sl. No.	Title of Paper	Title of Conference/Seminar	Year
1.	Sustainable Agriculture- A pathway out of poverty for India,s rural poor	International Symposium Agricultural communication and sustainable Rural Development, at G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, India, 22-24 November 2012	2012
2.	Transgenic in Vegetable Crops	Abiotic and Biotic Stress Management in Vegetable Crops at IIVR, Varanasi, U.P. 12-14 April, 2013	2013
3.	The concept of Sustainable Agriculture and the Sustainable use of Agricultural Biodiversity: Concept, Trend and Challenges	International Congress on Ecological Integrity an Environmental Ethics: Living for a Sustainable Future at G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand.	
4.	Grafting, a long term potential viable diversification strategy to mitigate biotic stress	National Symposium, ECM Technology for Safe, Secure and Profitable Food Production, 10-11 October 2014 at GBPUA&T, Pantnagar.	2014
5.	Organic and Thermo Seed; Basis for Sustainable Agriculture	International Congress on Ecological Integrity an Environmental Ethics: Living for a Sustainable Future at G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	2014
6.	Organic Vegetables for Nutritional Security, Production Strategies and Issues	International Congress on Ecological Integrity an Environmental Ethics: Living for a Sustainable Future at G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand.	
7.	Yield performance of radish hybrids under rainfed mid hill condition of Uttarakhand	National conference on Frontiers in Research & development on Agriculture, Bio medicinal, Chemical and Pharmaceutical Science at Mewar University, Chittaurgarh, Rajasthan held on 4th March 2016.	2016
8.	Organic Farming: Moving ahead towards healthy and nutritive nourishment	National Conference on Innovative and Current Advances in Agriculture & Allied Science (ICAAAS-2016)” during 10-11 December, 2016 held at Prof. Jayashankar Telengana State Agriculture University, Rajendranagar, Hyderabad.	2016
9.	Organic farming: moving ahead towards healthy and nutritive nourishment	8th National Extension Education Congress-2017 held at ICAR- National Academy of agricultural Research Management, Hyderabad during January 28-31, 2017.	2017

10.	Nurturing Horticultural Crops: An Step towards Nutrition	8th National Extension Education Congress-2017 held at ICAR- National Academy of agricultural Research Management, Hyderabad during January 28-31, 2017.	2017
11.	Genetically modified food: Solution for Nutrient Security	8th National Extension Education Congress-2017 held at ICAR- National Academy of agricultural Research Management, Hyderabad during January 28-31, 2017.	2017
12.	Impact study of Jhan Dhan Yojana on low income groups	8th National Extension Education Congress-2017 held at ICAR- National Academy of agricultural Research Management, Hyderabad during January 28-31, 2017.	2017

iv)

Chapter published in Books:

02

- i. Book Chapter Published on the topic Role of Plant growth regulators in Horticultural crops in the book Advances of Horticulture, Akinik Publication.
- ii. Accepted book chapter entitled “Production Technology of underutilized vegetables of araceae family” for publication in the book Production technology of Underutilized Vegetables Crops to be published by Springer, Switzerland.

v)

Popular Articles:

Sl. No.	Title of Article	Detail of publication	Year
1.	बागवानी फसलो में खाद्य सुरक्ष	हिंदी मासिक कृषि कौशल. वर्ष २, अंक ८	2017
2.	स्वास्थ्य और पोषण की दिशा में अकार्बनिक एवं जैविक भोजन.	हिंदी मासिक कृषि कौशल. वर्ष २, अंक ८.	2017
3.	Nutritional deficiency in vegetable crops.	हिंदी मासिक कृषि कौशल	2016
4.	Project Veggie (Vegetable Production System) in Space- A New Research	Seed Times	2016
5.	Transgenic blue tomato: enrichment of tomato fruit with health promoting antioxidant	Seed Times	2017
6.	Heterosis Breeding	Biomolecule Reports	2017

7.	Post Harvest Management of Solanaceous Vegetables	Biomolecule Reports	2017
8.	Role of plant growth regulators in vegetable production	Biomolecule Reports	2017
9.	Modern concept of water management	Biomolecule Reports	2017
10	Genome Editing.	Biomolecule Reports	2017
11.	Seed Production Technology in Hybrids through Transgenic Approach	Seed Times	2016
12	Molecular Breeders Adopted Orphan Pulse crops for genetic improvement	Seed Times	2017
13	Genotyping by sequencing for high throughput genomics	Seed Times	2017

vi) Monographs/Reports if any: NA  
vii) IPR Registered/Award: NA

Conference/Seminar Organized: 02

- i. Member of the organizing team of “National Seminar on Need and Scope of Waste Management in India” organized by Mewar University, Chittorgarh, Rajasthan.
- ii. Member of the organizing team of National conference on Frontiers in Research & development on Agriculture, Bio medicinal, Chemical and Pharmaceutical Science organized by Mewar University, Gangrar, Chittorgarh. Rajasthan.

Session Chaired in Conferences/Seminars: NA

Academic/Administrative position held: NA

Membership to professional Organization/Associations: 03

- i. Life member of Society of Extension Education.
- ii. Life member of Agricultural & Environmental Technology Development Society (AETDS).
- iii. Life member of Agro Environmental Development Society

Any other Information:

- i. Participated in 21 days training programme on “Biotechnological Interventions to Enhance Crop Productivity under Stress Conditions” organized at Rajasthan Agriculture Research Institute, Jaipur from 25th July to 14th Aug, 2018 funded by ICAR.

- ii. Participated in 10 days training programme on “Forage resource management for sustainable and economic livestock production” organized at Directorate of Human Resource Development, Swami Keshwanand Rajasthan Agricultural University, Bikaner from 29th Nov to 8th Dec, 2016 funded by ICAR.
- iii. Participated one day training program on “Effective use of e-Resources” on May 1st, 2015 held at University library, G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand.
- iv. Training on “Study of harvesting time on flower yield of German Chamomile (*Matricaria chamomilla*) grown in Doon Valley” from 20th Feb 2010 to 30th May, 2010 at Centre for Aromatic Plants (CAP), Herbal Research & Development Institute, Govt. of Uttarakhand, Industrial Estate, Selaqui, Dehradun, Uttarakhand, India.

**e-courses        NA**

Date: 30/12/2022



Signature of Faculty Member