

## Kumaun University, Nainital

### Curriculum Vitae

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Name : Dr. Rajani  
 Designation : Assistant Professor (Guest faculty)  
 Department : Agriculture  
 Contact Information  
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#### Educational Qualification

Degree	University	Subjects	Year
Ph.D	G.B. Pant University of Agriculture and Technology	Horticulture (vegetable Science)	2016
M.Sc.	G.B. Pant University of Agriculture and Technology	Agriculture (Vegetable Science)	2012
B.Sc.	H. N. B. Garhwal University	Horticulture	2010

#### Work Experience

Position	Department	University/Organization	Duration	
			From	To
SRF (GBPUAT, Pantnagar)	Genetics and Plant Breeding	G.B. Pant University of Agriculture and Technology	23 <sup>rd</sup> Sept 2014	21 <sup>st</sup> March 2015
Assistant Professor	Agriculture	Mewar University	23 <sup>rd</sup> March 2015	5 <sup>th</sup> August 2016
Assistant Professor	Agriculture	Jagannath University	9 <sup>th</sup> August 2016	1 <sup>st</sup> March 2017
Assistant Professor	Agriculture	NIMS university	17 <sup>th</sup> July 2017	20 <sup>th</sup> July 2018
Assistant Professor	Agriculture	Jaipur National University	23 <sup>rd</sup> Aug 2018	25 <sup>th</sup> Jan 2022
Assistant Professor (Guest Faculty)	Agriculture	Kumaun University	8 <sup>th</sup> July 2022	Till date

### Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year
Admission Counsellor		Jaipur National University	2021-22
Examination Coordinator (Agriculture)	To conduct Internal Exam	Jaipur National University	2021

### Research Interests

(List your research interests and areas of expertise in 1-3 lines)

- Fruit and vegetables production and breeding of fruits and vegetables
- Effect of climate change in horticulture crops
- Protected cultivation and organic farming

### Publications (start from recent publications)

a) Research Papers

Authors name	Title of the paper	Vol, page no	Year
Rajani, Pradeep Soni and Manmohan Singh	Organic Versus Inorganic Food: One Step towards Healthy and Nutritive Nourishment	7(6): 1756-1760	2019
Manisha Negi and Rajani	Morphological Description and Ecotypic Variability for Germplasm in Sea Buckthorn ( <i>Hippophae salicifolia</i> D. Don.) Growing Under Higher Himalayan Region	7(7): 479-483	2018
M. Negi, D. C. Baskheti and Rajani	Combining ability analysis of maize inbred lines from line x tester mating design under two plant population density	7(6): 3539-3550	2018
Rajani and Shourabh Joshi	The role of horticultural crops in enhancing nutrient security	6(9): 311-316	2017
Rajani, Dharendra Singh and A. S. Jeena	Assessing Genetic Diversity of Potato ( <i>Solanum tuberosum</i> ) genotypes grown in Tarai region of Uttarakhand by Using Simple Sequence Repeat (SSR) Technique	6(7): 4219 - 4230	2017
Nutiyaal M.K, Rajani Rawat, Bhawesh Joshi, Lalit Joshi and Geeta Pandey	Morphological studies and yield performance of promising genotypes of <i>Jatropha</i> under Tarai region of Uttarakhand	14(2): 166-168	2016

<b>Rajani</b> and Dhirendra Singh	Study of biochemical parameters in potato ( <i>Solanum tuberosum</i> L.) germplasms under Tarai region of Uttarakhand	5(12):29-35	2015
D Kannan, Siddharth Shankar Bhatt, Manisha Negi and <b>Rajni Rawat</b>	Evaluation of Ridge gourd ( <i>Luffa acutangula</i> Roxb L.) Hybrid (F1), Genotypes and Backcrosses for Various Horticultural Characters	5(1/2): 19-23	2015
D Kannan, Siddharth Shankar Bhatt, Manisha Negi and <b>Rajni Rawat</b>	Evaluation of Ridge gourd ( <i>Luffa acutangula</i> Roxb L.) Hybrid (F1), Genotypes and Backcrosses for Various Horticultural Characters	5(1/2): 19-23	2015
<b>Rajani Rawat</b> , S P Uniyal, Vibha Mishra and Meenakshi Uniyal	Varietal impact on yield, quality and profitability of off season radish under rainfed mid hill conditions of Uttarakhand	5 (1): 61-64	2014
Vibha Mishra , S P Uniyal, <b>Rajani Rawat</b> and Meenakshi Uniyal,	Morphology and yield evaluation of early maturing high yielding cabbage hybrids under rainfed mid hill conditions of Uttarakhand	4 (2): 68-73	2013

b) Patents (start from recent publications)

Authors name	Title of the patent	Patent no (Granted or filed)	Year
-	-	-	-

c) Books (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year
-	-	-	-	-

d) Book chapters (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year
		Akinik Publication		

e) Conference Publications/Proceedings (start from recent publications)

Authors name	Title of the paper	Conference name	Year

**Projects**

Title of the project	Funding agency	Amount (Rs)	Year
-	-	-	-

### Teaching details

Name of the course/paper	Department	University	Year
Production Technology of Vegetables & Flowers	Agriculture	Mewar University/Jagannath University	2016/2017
Disease of Horticultural Crops & their Management	Agriculture	Mewar University	2015
Landscaping and ornamental Horticulture	Agriculture	Mewar University	2016
Protected cultivation and Post harvest Technology	Agriculture	Mewar University/Jagannath University	2016/2017
Production Technology of Spices, Aromatic and Medicinal Plants	Agriculture	Mewar University/Jagannath University	2016/2017
Protected cultivation	Agriculture	NIMS university	2017-18
Food Packaging Technology	Agriculture	NIMS university	2017-18
Green House Cultivation	Agriculture	NIMS university	2017-18
Fundamentals of Horticulture	Agriculture	Jaipur National University	2018-19 and 2019-2020
Post Harvest Management and Value Addition of fruits and vegetables	Agriculture	Jaipur National University	2018 and 2019
Spices and Condiments	Agriculture	Jaipur National University	2018
Post harvest Technology and Protected cultivation	Agriculture	Jaipur National University	2018
Production Technology of Flowers, Ornamental Plants and MAP	Agriculture	Jaipur National University	2019
Tropical and Subtropical Vegetable Crops	Agriculture	Jaipur National University	2020
Temperate Vegetable Crops	Agriculture	Jaipur National University	2020
Nursery Management and Plant Propagation	Agriculture	Jaipur National University	2020
Commercial Floriculture	Agriculture	Jaipur National University	2020

Fundamentals of Horticulture	Agriculture	Kumaun University	2022/2023
Production Technology of Vegetables & Spices	Agriculture	Kumaun University	2022/2023/2024
Production Technology of Ornamentals, MAP and Landscaping	Agriculture	Kumaun University	2022/2023/2024
Production Technology of Fruits and Plantation Crops	Agriculture	Kumaun University	2022/2023/2024
Tropical and Dry-land Fruit Production	Agriculture	Kumaun University	2022/2023
Production Technology of Medicinal and Aromatic Plants	Agriculture	Kumaun University	2022/2023
Production Technology of Warm Season Vegetable Crops	Agriculture	Kumaun University	2022/2023/2024
Subtropical and Temperate Fruit Production	Agriculture	Kumaun University	2022/2023/2024
Post Harvest Technology for Horticultural Crops	Agriculture	Kumaun University	2022/2023
Processing of Spices, Medicinal and Aromatic Crops	Agriculture	Kumaun University	2022/2023

### Professional Memberships

Organization	Position	Year
Agricultural and environmental technology development society US Nagar Uttarakhand	Life Member	2019
Agro Environmental Development Society (AEDS)	Life Member	2014

### Honours and Awards

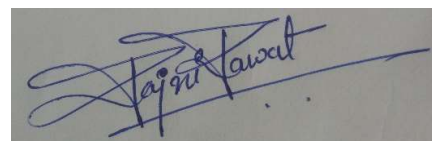
Award	Awarding Organization	Year
Young Scientist Award	Society of Extension Education	2017
Teaching Excellence Award	Society for Scientific Development in Agriculture & Technology	2016
Best Ph.D Thesis Award	Agricultural & Environmental Technology Development Society (AETDS)	2019
Young Horticulturist Award	Agro Environmental Development Society	2019

### Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Horticulture – The Growth engine of farming sector	Current Approached in agricultural, Biological&	Kumaun University	2024

	Applied Sciences for Sustainable Development		
Participated	Climate Resilient Natural Farming for Sustainable Agriculture	ICAR-IISWC, Research Centre, Udhagamandalam, Tamil Nadu	2022
Participated	Climate Proofing of Watershed Development Projects with special reference to Soil and Water Conservation Technologies	ICAR-IISWC, Research Centre, Udhagamandalam, Tamil Nadu	2022
Participated	“National Webinar on कृषिक्षा के नये आयाम एवं अवसर	Directorate of Research, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan	2020
Importance of plant growth regulators: A general review	National Conference on Smart Agriculture & Food Security	Jaipur National University	2019
Potential of underutilized medicinal plants of Rajasthan region of India	International conference on Global perspective in agricultural and allied sciences for food and environmental security (GAAFES)	Agricultural and environmental technology development society US Nagar Uttarakhand	2019
Recent advances of G M Technology in vegetable crops	International conference on recent advances in agriculture, environmental & applied sciences for global development	Dr. Y. S. Parmar university of horticulture and forestry	2019
Nurturing Horticultural Crops: An Step Towards Nutrition Security	8th National Extension Education Congress-2017	ICAR- National Academy of agricultural Research Management, Hyderabad	2017
Yield Performance of radish hybrid under rainfed hill condition of Uttarakhand	National conference on Frontiers in Research & development on Agriculture, Bio medicinal, Chemical and	Mewar University, Chittaurgarh	2016

	Pharmaceutical Science		
Organic Farming: Moving Ahead towards healthy and nutritive nourishment	Innovative and current advances in agriculture and allied sciences	Prof. Jayashankar Telangana State Agriculture University, Rajendranagar Hyderabad India	2016
Sustainable Agriculture – A pathway out of poverty for India's rural poor	International Symposium Agricultural Communication and Sustainable Rural Development From Information to Knowledge to Wisdom- Envisioning a Food Sovereign World in the Third Millennium	G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	2014
The concept of sustainable agriculture: Concept, trends and challenges	First International Congress on Ecological Integrity and Environmental Ethics: Living for a Sustainable Future	G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	2014
Participated	ECM Technology for Safe, Secure and Profitable Food Production	G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	2014
Transgenic in Vegetable Crops	Abiotic and Biotic Stress Management in Vegetable Crops	IIVR, Varanasi, U. P	2013
Sustainable agricultural – A pathway out of poverty for India's rural poor	International Symposium on agricultural Communication and Sustainable Rural Development	G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	2012



**Signature of the faculty member**