

Kumaun University, Nainital

Curriculum Vitae

Name : Dr. RINKEY ARYA
Designation : Assistant Professor (Guest Faculty)
Department : Faculty of Agriculture and Agroforestry
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Scopus ID :
Vidwan ID :

Educational Qualification

Degree	University	Subjects	Year
B.Sc.	Kumaun University, Nainital	Zoology, Botany, Chemistry	2012
M.Sc.	VCSG UUHF, Pauri Garhwal	Agriculture- Seed Science and Technology	2015
Ph.D.	Dr. YSP UHF, Naini, Solan, H.P.	Agriculture- Seed Science and Technology	2020

Work Experience

Position	Department	University/Organization	Year
Assistant Professor	Agriculture	Beehive group of Institutes	0.5
Assistant Professor	Agriculture	Quantum University	1.5
Assistant Professor	Agriculture	Kumaun University	2020 to till now

Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year

Research Interests

Production of improved and quality seeds, breeding programs, Seed storage and Marketing. Seed science and technology process, test and conserve food and agricultural seeds. The improved quality seeds can produce a maximum quality yield and can increase the income

of farmers. High production in low area with minimum inputs is also an important aim of research.

Publications (start from recent publications)

a) Research Papers

Authors name	Title of the paper	Vol, page no	Year
Saha S., Bhadana D., Shan P.K., Chaturvedi H.P., Verma P.N., Das R., Arya R. , Kumar P., Agarwal S. and Rao D.P.	Genoplasmics: Advancing plant germplasm research through genomics	35 (21): 106-116	2023
Saha S., Bhadana D., Arya R. , Shan P.K., Nishtha and Kumar P.	An overview of Bioinformatics and computational genomics in modern plant science	International Journal of Environment and Climate Change. 13(9): 1530-1544	2023
Saha S., Sentisuba, Bhadana D., Arya R. , Rahman M.A., Bihari C and Singh R.	Geoinformatics: An emerging approach for sustainable crop production and precision farming	Int. J. Curr. Microbiol. App. Sci. 11(4): 264-272	2022
Arya R and Rana R. S.	Effectiveness of different pest management modules on plant growth and yield of bell pepper (<i>Capsicum Annuum</i> L.)	<i>International Journal of Plant sciences.</i> 16(1): 25-30	2021
Arya R , Kumar V and Singh M.	Assessment of genetic variability and heritability of grain yield components in barnyard millet (<i>Echinochloafrumentacea</i> (Roxb.) Link) germplasm.	<i>Journal of Pharmacognosy and Phytochemistry.</i> SP5:46-49	2018
Murugalatha N, Anjali, Muralitharan, Arya R and Chandra N.	Study on effects of Panchagavya on vegetable crop (Potato).	<i>Journal of Pharmacognosy and Phytochemistry.</i> 7(5):125-126	2018
Arya R , Bhatt A and Kumar V.	Study of genetic divergence in barnyard millet (<i>Echinochloafrumentacea</i> (Roxb.) Link) germplasm	<i>International Journal of Bio-resource and Stress Management</i> 9(2):192-196	2018
Anjali, Hassan T., MuralitharanR., Murugalatha N. and Arya R.	Efficacy of organic fertilizer Amirthakaraisal on the growth of chilli plant.	<i>Journal of Plant Science Research</i> 2(1): 27-31	2017
Arya R , Bhatt A, Kumar V and	Correlation analysis of some growth, yield and quality parameters of barnyard millet	<i>Journal of Pharmacognosy and Phytochemistry</i>	2017

Singh DP.	(<i>Echinochloafrumentacea</i> (Roxb.) Link) germplasm.	6(5):1426-1429.	
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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
Arya R., Prasad H. and Lakera J.	Evaluation of Barnyard millet germplasm	Lambert Academic publishing.	978-620-2-80272-7	2020

d) Book chapters (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year
Ritesh Kumar, Nihal R, N.K. Chaurasia, A, Biswas	Innovative Approaches in Agriculture	New Delhi Publishers	978-93-93878-92-2	2022

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
Fundamentals	Agriculture	Beehive Group of	2015

of Plant Breeding		Institutes	
Fundamentals of Horticulture	Agriculture	Beehive Group of Institutes	2015
Fundamentals of Agronomy	Agriculture	Beehive Group of Institutes	2015
Introductory Biology	Forestry	Beehive Group of Institutes	2015
Fundamentals of Plant Breeding	Agriculture	Quantum University	2016
Fundamentals of Plant Pathology	Agriculture	Quantum University	2016
Fundamentals of Genetics	Agriculture	Quantum University	2016
Principles of Seed Technology	Agriculture	Quantum University	2016
Fundamentals of Soil Science	Agriculture	Kumaun University	2020
Production Technology of Vegetable and Spices	Agriculture	Kumaun University	2020
Principles of Seed Technology	Agriculture	Kumaun University	2021,2022,2023
Commercial Plant Breeding	Agriculture	Kumaun University	2021,2022,2023,2024
Intellectual Property Rights	Agriculture	Kumaun University	2022
Crop Improvement-I	Agriculture	Kumaun University	2023,2024
Crop Improvement-II	Agriculture	Kumaun University	2023,2024
Introductory Biology	Agriculture	Kumaun University	2021,2022,2023
Principles of Seed Production	Agriculture	Kumaun University	2020,2021,2022, 2023
Seed processing and Storage	Agriculture	Kumaun University	2021,2022, 2023, 2024
Production Technology of Cool Season Vegetable Crops	Horticulture	Kumaun University	2021, 2022, 2023
Seed Production Technology of	Horticulture	Kumaun University	2022, 2023, 2024

Vegetable Crops			
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Professional Memberships

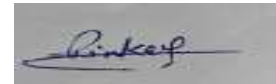
Organization	Position	Year
Agricultural and Environmental Technology Development Society (AETDS)	Member	2019

Honours and Awards

Award	Awarding Organization	Year
Rajya Purashkar	Bharat Sarkar	2006
Best Master Thesis Award- 2019	GAAFES	2019
Young Scientist Award	Just Agriculture	2022

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year



Signature of the faculty member