

ANITA JAT

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All India Network Project on Soil Arthropod Pests,
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**Academic Qualifications:**

Standard	Board/ University	Marks (%)	Year	Subject
Ph.D	SKNAU, Jobner	79.70	2022	Plant Pathology
NET	ASRB, ICAR New Delhi	-	2017	Plant Pathology
M.Sc.	MPUAT, Udaipur	74.40	2016	Plant Pathology
B.Sc.	SKRAU, Bikaner	69.60	2014	Agriculture

Experience:

S.N.	Name of Employee	Post	Duration		Nature of duty	Nature of work
			From	To		
1.	Dr. Anita Jat	Asstt. Professor	08.7.2023	Till date	Regular	Teaching and research

Technical Skills

- Experience in molecular techniques, including DNA extraction of entomopathogenic fungi and nematodes
- Rearing and maintenance of the wax moth (*Galleria mellonella*) life cycle for entomopathogenic nematode (EPN) culture
- Culturing and maintenance of entomopathogenic fungi and entomopathogenic nematodes under laboratory conditions

Annual Group Meeting: Attended 24th AGM on All India Network Project on SAP.

Research Publications:**Published Research Papers: -****(A) International Journal:**

1. **Jat, Anita**, Shekhawat, P. S., Choudhary, S.M. and Choudhary Meera, 2025. Screening of clusterbean germplasm for resistance against *Xanthomonas axonopodis* pv. *cyamopsidis* causing bacterial blight disease in clusterbean. *Annual Research & Review in Biology*, 40(4): 74-81.

2. **Jat, Anita**, Shekhawat, P. S., Mukesh Nitharwal, Choudhary, S.M. and Choudhary Meera, 2025. epidemiological factors influencing the development of bacterial blight in clusterbean in semi arid eastern plain zone –IIIA of Rajasthan, India. *Microbiology Research Journal International*, 35(10): 110-118.
3. Choudhary, M., Rathore, G. S., Bajya, D. R. and **Jat, Anita** 2024. Effectiveness of plant extracts and oils in managing blue mould rot of orange caused by *Penicillium italicum*. *International Journal of Advanced Biochemistry Research*, SP-8(7): 270-276.
4. **Jat, Anita**, Shekhawat, P. S. and Saini, K. K. 2022. Management of bacterial blight of clusterbean caused by *Xanthomonas axonopodis* pv. *cyamopsidis* under field conditions. *Legume Research-An International Journal*, ISBN No. 0250-5371.
5. **Jat, Anita**, Shekhawat, P. S. and Saini, K. K. 2022. Status of bacterial blight disease in major clusterbean growing districts of Rajasthan. *Ecology, Environment and Conservation Journal*, 28:480-484.
6. **Jat, Anita** and Shekhawat, P. S. 2022. Evaluation of different botanicals against bacterial blight of clusterbean caused by *Xanthomonas axonopodis* pv. *Cyamopsidis*. *Multilogic in Science*, 12(41): 172-176.
7. **Jat, Anita** and Shekhawat, P. S. 2022. Changes in poly phenoloxidase and peroxidase due to bacterial blight disease in clusterbean. *Biological Forum – An International Journal*, 14(1): 1017-1020.
8. **Jat, Anita**, Shekhawat, P. S., Saini, K. K., Yadav, T. and Yadav, R. 2022. *In vitro* evaluation of different bioagents, antibiotics and fungicides against bacterial blight of clusterbean caused by *Xanthomonas axonopodis* pv. *cyamopsidis*. *The Pharma Innovation Journal*, 11(1): 43-47.
9. **Jat, Anita**, Sharma, S.S. and Dhakar, H. 2018. The efficacy of bioagents against post flowering stalk rot (PFSR) of specialty corn caused by *Fusarium verticillioides* (sheldon). *International Journal of Bio-resource and Stress Management*, 9(1): 75-77.
10. Yadav, T., Baloda, A. S., **Jat, Anita**, Yadav, R. and Choudhary, A. L 2022. Synergistic effect of different entomopathogens with imidacloprid 600 FS insecticide against white grub, *H. consanguinea*. *The Pharma Innovation Journal*, 11(2): 1701-1703.
11. **Jat, Anita**, Sharma, S.S., Dhakar, H. and Dhakad, U.K. 2017. Potent and durable source of resistance against post flowering stalk rot (PFSR) caused by *Fusarium verticillioides* (sheldon) in specialty corn germplasm lines. *The Bioscan*, 12(3): 1487-1489.

(B) National Journal

1. Yadav, R., Bagri, R. K., Mishra, B., Yadav, S. L. and **Jat, Anita** 2023. survey to know the incidence of dry root rot disease of chick pea (*Cicer arietinum* L.) incited by *Rhizoctonia bataticola* (Taub.) Butler {*Macrophomina phaseolina* (Tassi.) Goid.} in major chick pea growing districts of Rajasthan. *Frontiers in Crop Improvement*, 11: 3113-3116 (Special Issue-VI)
2. Yadav, T., Baloda, A.S., Saini, K.K., **Jat, Anita** and Yadav, R. 2022. Antagonistic potential of various entomopathogens against white grub, *Holotrichia consanguinea*, *Journal of Experimental Zoology India*, 25(1): 519-524.

(C) Research Abstract: 04**(D) Research and Technical Booklet: 03****(E) Popular Articles: 11****(F) Book Chapter: 03****(G) Technology in Package of Practices: 01****Awards & Recognitions**

Best M.Sc. Thesis Award, NADCL, Srinagar (2019)

Best Oral Presentation, National WEBCON (2019)

PG Students Guided

S. NO.	Course	Title of Research	Status
1	M.Sc.	Physiological study and management of <i>Alternaria</i> leaf spot of Cauliflower	Progress

Seminars/ Workshops/ Symposiums:

- Participated in National Conference on Recent Advances in Biological Sciences, Biotechnology & Sustainable Development “RABBSD-2016” at MLSU, Udaipur (18 to 19 March, 2016).
- Participated in 2nd National Agricultural Convention on Agricultural Skill Development for Doubling Farmers Income at RAJUVAS, Bikaner (7 October, 2017).

- Participated in International Conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development (ABCD-2017) at C.C.S. University, Meerut, U.P. (27 to 28 October, 2017).
- Participated in Brainstorming Workshop on Emerging Role of Sulphur and ZINC in Balanced Plant Nutrition at RARI, (SKNAU), Jaipur (31 October, 2018).
- Participated in 3rd International Conference Bioresource and Stress Management at Jaipur (Raj.), India (8 to 11 November, 2017).
- Participated in International Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences (GRISAAS-2017) at MPUAT (Raj.), India (2 to 4 December, 2017).
- Participated in International Conference on Role of Microbes in Industrial Revolution at JNU, Jaipur (28 to 29 March, 2017).
- Participated in National Conference on Biodiversity in Agriculture at Jaipur. (7th April, 2018).
- Participated in 2nd International Conference on Advances in Agricultural, Biological and Applied Sciences for Sustainable Future at Sardar Patel Auditorium, Swami Vivekananda Subharti University, Meerut, U.P. (20 to 22 October, 2018).
- National Seminar on Applications of Geospatial Technology in Agriculture (AGTA) Indian Society of Geomatics, Department of Agriculture Vivekananda Global University, Jaipur (18 October, 2019).
- Participated in International conference on plant and animal science for sustainable agriculture and rural development, national agriculture development co-operative ltd (NADCL), Srinagar (07 to 09 December, 2019).
- National WEBCON 2020 on Agricultural Production and system managing covid-19 pandemic: experience sharing and strategies Chandra Shekhar Azad University of Agriculture and Technology, Kanpur (6-8 May, 2020).
- National Conference on Maize for Resource Sustainability, Industrial Growth and Farmers Prosperity at MPUAT, Udaipur (23-25 February, 2022).
- Participated and Poster Presentation in the 8th International Conference on Plant Pathology: Retrospect and Prospects Indian Phytopathological Society at SKNAU, Jobner (23 to 26 March, 2022).
- Participated and Poster Presentation in the International Conference on Pulse Research (ICPR-2022) Society for Plant and Agricultural Science (10 March, 2022).

Training:

- Participated in 21 Days Training on “*Nature based solutions for Environmental Stewardship in Food Production Systems*” organized by SKNAU, Jobner from 09 to 29, January, 2026.
- Participated in 10 Days Training on Modernization Techniques in Underutilized Vegetable Crops Under Arid and Semi- Arid Conditions at RARI, Durgapura (04 to 13 January, 2024).
- Participated in 5th Orientation Programme 'Agricultural Education, Research and Extension Management at RARI, Durgapura (21 Sept. to 11 Oct., 2023).
- Participated in 3 Days Training Programme on Mushroom Production Technology at RARI, (SKNAU), Jaipur (27 to 29 September, 2018).
- Participated in 21 Days National Training Programme on Preparing and Management of Result Oriented Research Projects in Agriculture, Horticulture, Animal Husbandry and Allied Sector at NADCL, Baramulla Jammu and Kashmir (26 May to 15 June, 2020).
- Participated in 21 Days National Training Programme on Advances in Fodder Production, Utilization and Conservation for Improving Livestock Health, Productivity and Environmental Sustainability at ICAR-IGFRI Regional Research station, Srinagar (20 July to 9 August, 2020).
- Participated in one week Agriculture 4.0: Precision and Automated Ag Technologies at Centre for Advanced Agricultural Science and Technology (CAAST) for Climate Smart Agriculture and Water Management (CSAWM), Mahatma Phule Krishi Vidyapeeth, Rahuri, (Maharashtra) under the National Agricultural Higher Education Project (NAHEP) of Indian Council of Agricultural Research (ICAR), New Delhi (28 to 2 October, 2020).
- Participated in 21 Days International Training cum Certificate Course on Revolutionizing the Future of Agriculture Agri Meet Foundation and Aviana in collaboration with ICAR-IISR, UPCR Lucknow, MPUAT, CAIE, NABARD, NAHAEP & ITM University Gwalior (21 May to 10 June, 2022).
- Participated in Five Days Smart Farming: Application of AI, Robotics, IoT & Cloud Computing Centre for Agricultural Market Intelligence, NAHEP-CAAST, Anand Agricultural University, Anand (28th Feb. 04th March, 2022).

I solemnly declare that the statements made above are correct to the best of my knowledge and belief.

Date: 06/02/2026

Place: RARI, Durgapura, Jaipur, Rajasthan,

(ANITA JAT)