

Biodata of Jasmeena Qadir

Name	Dr. Jasmeena Qadir			
Designation	Lecturer (AA), Dept. of Sericulture, GDC, Sopore, J & K			
Address	Shallapora Sopore, Distt. Baramulla (193201), J&K			
Phone No.	6005186291			
E-mail	jasmeena.qadir786@gmail.com			
Date of Birth	05-02-1994			
Languages Known	Kashmiri, Urdu, English, Hindi			
Educational Qualification	Degree	Name of the College/ University	Subjects taken with specialization	Year of Passing
	B. Sc.	University of Kashmir	English, Botany, Zoology & Sericulture	2015
	M.Sc.	University of Jammu	Sericulture	2017
	Ph.D	SKUAST-Jammu	Sericulture	2023
M. Sc Research	Title “Effect of temperature variation in temperature during chawki rearing and its impact on quality and quantity of cocoon production”			
Ph.D Research	Title “Extraction and value addition of sericin from seri bio-waste”			
Research Interests	Silkworm rearing technology, Value addition and biological control of pests in sericulture.			
Teaching Experience	Teaching Assistant at Department of Sericulture, Govt. Degree College for Women, Anantnag (J&K) from May 2018 to March 2019			
Awards	“Best Ph.D Thesis Award” on the Occasion of ‘ International Conference on Innovative approaches in Agriculture, Horticulture and Allied Sciences’ organized by SGT University, Gurugram (ICAR Accredited) Isahrd, Chandigarh and Just Agriculture-the Magazine at SGT University on 29-31 st March, 2023.			
National/ International Conferences Attended	Conference		Research Papers Presented & Abstracts Published	
	1. 5 th J &K Agricultural Science congress on “Climate change management for sustainable agriculture, livestock farming and ecological development” held at Main campus, Chatha during October 14-16, 2019.		“Approaches of genetic divergence studies conducted in the silkworm <i>Bombyx mori</i> L”	
	2. International conference on “Global Challenges, Innovation and Sustainability of Mankind” organized by Govt. Degree college Udampur in collaboration with Indian Science Congress Association		1. “Overview of Current Scenario of Sericulture Industry in Jammu and Kashmir, India” 2. “Development and utilization----- and Value addition”	

	(ISCA) from October 31 st to November 2nd 2019.	
	3. 4 th international conference “Global efforts on agriculture, forestry, environment and food security”	“Impact of sericin protein fortification on cocoon traits of silkworm, <i>B. mori</i> . ”
	4. National conference on “Sustainable environment: water health agriculture-climate (nexus)” (SEWCHAN-2022).	“Extraction and quantification of sericin from seri bio-waste”
	5. Regional conference on “Specialty Agriculture in the context of Farm Economy of Himalayan Region” September 21-22, 2022	“Impact of sericin fortified mulberry leaves on the cocoon traits of silkworm, <i>B. mori</i> ”
	6. International conference on existing climate change scenario and its arising risks, oct 21-22, 2022	“Effect of Sericin fortification on the Economic Parameters of Silkworm <i>Bombyx mori</i> L.”
	7. 1st zonal convention Agrivision-Natural farming: A national priority for human health and ecological restoration, April 5-6, 2022.	“Mulberry fruits: Industrial processing and its potential role in biomedicine”
	8. Academy of natural resource conservation and management (ANRCM)	“Silk proteins in cosmetology”
	9. A national web-symposium on “Recent Advances in Beneficial Insects and Natural Resins & Gums” organized by Society for Advancement of Natural Resins and Gums and ICAR Indian Institute of Natural Resins and Gums, Ranchi conducted at ICAR-IINRG, Ranchi on February 25-26, 2021.	“Recent advances in the Applications of Silk Proteins in Medicine-A Review”
Trainings/ Internship/ Skill Development Programmes Attended	1. Forty-five days training “ <i>On Job Skill Training programme</i> ” in Regional Sericultural Research Station, Miransahib, Jammu from 01 March 2017 to 15 April 2017. 2. Five days “ <i>Technology Orientation Training Programme</i> ” under Central sector scheme at RSRS, Miransahib, Jammu from 15 march 2016 to 19 march 2016. 3. Six days “ <i>Technology Orientation Training Programme</i> ” under Capacity building and training scheme at RSRS, Miransahib, Jammu from 30 August 2016 to 04 September 2016. 4. 21 days national training course on “ <i>Sustainable Entrepreneurship in agriculture, horticulture, fisheries, animal husbandry and allied sectors for economic development of India</i> ” from March 01-21, 2022.	

	<ol style="list-style-type: none"> 5. Two weeks online training programme on “Remedial education in improving the comprehension of students” organized by college of temperate sericulture, Mirgund under IDP-NAHEP SKUAST-Kashmir from 16 August 2020 to 30 August 2020. 6. “Statistical Learning and Analysis for Researchers” on National statistics day, 2019. Division of Statistics and computer sciences, SKUAST-J. 7. International webinar and faculty development program on “Strategies to write good research article- Part II” organized by department of commerce, Manipal Academy of Higher Education in association with Centre for consulting, training & interface and Indian Bureau of Administrators and Technocrats on 13 September 2020. 8. Two days’ workshop on “On farm mulberry cultivation practices” organized by Department of Sericulture, Poonch Campus, University of Jammu on 23rd and 24th of November, 2022. 9. A webinar on “Wild silk moth diversity and its ex-situ and in-situ conservation in India” organized by Department of studies in sericultural science on 10th of September 2020. 10. A national webinar on “Leadership Development in Youth: Opportunities and Adventures” organized by Department of Extension Education, Rajasthan College of Agriculture, MPUAT, Udaipur on 22-06-2021 under IDP-NAHEP. 11. A webinar on “Breeding strategies for the development of silkworm breeds tolerant to high temperature and BmNPV” organized by Department of Studies in Sericultural Science, University of Mysore, Manasagangotri, Mysuru on 18th December 2020. 12. A webinar on “Biology and Medicine: Recent Advances” organized by Department of Zoology, Aligarh Muslim University, Aligarh-202002. 13. An online guest lecture on “Processing, Packaging and Marketing of Edible Forest Produce” organized by ICAR-NAHEP Centre for Advanced Agricultural Science and technology on “Secondary Agriculture” Navsari Agricultural University, Navsari on 20th June 2020. 14. A national e-quiz on “Advances in Computer Technology” organized by Department of Computer Science, Govt. Degree College, Poonch held from 9th -10th of June, 2020.
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Research Publications

1. **Jasmeena Qadir**, Neha Sudan, Deepak Gupta, Rabia Sarwar Dar, Harjeet Singh and Murali, S.2022. Impact of high temperature during chawki stage on the biological and cocoon parameters of silkworm *Bombyx mori* L. *International Journal of Agricultural Sciences*, **14**(12):12111-12113.
2. **Jasmeena Qadir**, RK Gupta, Kamlesh Bali, Magdeshwar Sharma and SK Gupta 2022. Impact of Sericin fortified mulberry leaves on the cocoon traits of silkworm *Bombyx mori* L. *The Pharma Innovation Journal*, 11(10): 1519-1522.
3. A. Shafi, **Jasmine Qadir**, Suhail Sabir, Mohammad Zain Khan and Mohammed Muzibur Rahman. Book Chapter, Nanoagriculture: A Holistic Approach for Sustainable Development of Agriculture. O. V. Kharissova et al. (eds.), *Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications*, Springer nature 2020.

4. Muzafar Ahmad Bhat, Zafar Iqbal Buhroo, Abdul Aziz, **Jasmeena Qadir** and M. Azam. An Overview of Current Scenario of Sericulture Industry in Jammu and Kashmir, India. *International journal of current microbiology and applied sciences* (2020); 9(6).
5. Sharma, A., Gupta, R.K., Sharma, P., **Qadir, J.**, Bandral, R.S. and Bali, K. 2021. Technological innovations in Sericulture. *International Journal of Entomology Research*, 7 (1):7-15
6. MA Bhat, ZI Buhroo, A Aziz, Suraksha Chanotra, NA Ganai and **Jasmeena Qadir**. Approaches of genetic divergence studies conducted in the silkworm *Bombyx mori* L.: A review. *Journal of Pharmacognosy and Phytochemistry* 2019; 8(6)
7. Adil Shafi, Noorul Bashar, **Jasmine Qadir**, Suhail Sabir, Mohammad Zain Khan, Mohammad Muzibur Rahman. Advanced Biopolymer-Based Nanocomposites: Current Perspective and Future Outlook in Electrochemical and Biomedical Fields. *Biorenewable nanocomposite materials, ACS symposium series*, **1411**:341-354.

RESEARCH PUBLICATIONS (in communication):

1. **Jasmeena Qadir**, Rakesh Kumar Gupta, Kamlesh Bali, Magdeshwar Sharma, S. K. Gupta. Sericin as UV protectant of Nucleopolyhedrosis virus against Bihar hairy caterpillar (*Spilarctia obliqua*). *Egyptian Journal of Biological Control*.
2. **Jasmeena Qadir**, R.K. Gupta, Kamlesh Bali. 2023. Mulberry fruits: Industrial Processing and its Value Addition in Biomedicine. *Multidisciplinary Research in Agricultural and Allied Sciences*.