

RESUME

NAME: Dr. Jayoti Majumder (Sarkar)

DESIGNATION: Assistant Professor

CONTACTS:

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE:**

2. **PHONE :** Mobile: 8478095519

3. **EMAIL :** Institutional: majumderr.jayoti@bckv.edu.in

Alternative: jayotisarkar1@gmail.com

4. **ORCID ID:** [0000-0003-2917-500X](https://orcid.org/0000-0003-2917-500X)

5. **GOOGLE SCHOLAR PROFILE**

<https://scholar.google.com/citations?hl=en&user=gXoVqSAAAAAJ>

6. **RESEARCHGATE PROFILE:** <https://www.researchgate.net/profile/Jayoti-Majumder-2>

7. **DATE OF BIRTH:** 11.12.1983

8. **DATE OF JOINING TO THE UNIVERSITY:** 23.06.2024



9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	P.h.D. (Hort.)	Indian Agricultural Research Institute, New Delhi	2010
MASTER'S	M.Sc. (Hort.)	Indian Agricultural Research Institute, New Delhi	2007
BACHELOR'S	B.Sc. (Agri.)	Banaras Hindu University, Varanasi	2005

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Scientist	ICAR-Directorate of Floricultural Research	11/05/2010	20/06/2014
Assistant Professor	Bidhan Chandra Krishi Viswavidyalaya	23/06/2014	Till date

11. ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Assistant Librarian	14/12/2023	14/5/2024

12. AREA OF RESEARCH : (Bulleted list)

- Floriculture
- Nutraceuticals
- Plant Tissue Culture
- Edible Pigments
- Phytoremediation

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	HORT 107	Fundamentals of Horticulture	2
	HORT 154	Plant Propagation and Nursery Management	2
	HORT 354	Breeding and Seed Production of Ornamental Crops	3
POST GRADUATE	FLS501	Systematics of Ornamental Plants	2
	FLS 504	Production of Loose Flowers	3
	FLS509	Value Addition in Floriculture	3
	FLS510	Protected Cultivation of Flower Crops	3
	FLS512	Seed Production of Flower Crops	3
Ph.D.	FLS 602	Postharvest Biology of Floricultural crops	3
	FLS 609	Advances in Landscape Gardening	3

14. NUMBER OF STUDENTS SUPERVISED:

Master's: 8 Doctoral: 2

15. RESOURCE PERSON FOR OTHER INSTITUTES (involvement in teaching or working as member of academic/ research bodies of other organizations, if any)
Nil

16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

- Society for Promotion of Horticulture. IIHR, Bengaluru
- Academy of Indian Horticulture

17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Studies on bio-efficacy of <i>Bacillus subtilis</i> based biofungicide, Taegro in Rose for control of Powdery Mildew	M/s Novozyme South Asia Pvt. Ltd.	completed	PI
2	Value-added dry flower production: one step escalation for tribal and marginal women empowerment	Deptt. of Science & Tech. New Delhi, Govt. of India	completed	Co-PI

18. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME**A. ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1				

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Advances in Plant Tissue Culture Technique	21 days	OUAT, Odisha	Trainee
2	Micropropagation Techniques and physiological, biochemical & molecular interventions for sustained plant production under climate change scenario	21 days	BHU, Varanasi	Trainee

19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc**A. ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
	National Symposium on Recent Advances on Floriculture and Urban Horticulture in Global Perspectives	3 days	BCKV	Co-organizing Secretary
	International Webinar on Hi-Tech Horticulture: A Sunrise Sector	1 day	BCKV	Organizing Secretary

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
2.	National Conference on Nature-based Solution for Achieving Sustainable Development Goals (NbSSDG)	3 days	UBKV, Pundibari	Awardee
3.	NCFlori2024 National Conference	3 days	IIHR Bengaluru	Oral Presenter
4.	Advances in Plants, Microbes and Agricultural Sciences	3 days	NBU, Siliguri	Participants
5.	National Seminar on Horticulture for Sustainable Development Nutritional and Livelihood Security	3 days	UBKV, Pundibari	Oral Presenter
6.	International Seminar on Agriskills for Convergence in Research Industry & Livelihood (ACRIL)	3 days	CWSS, BCKV	Oral Presenter
7.	International Conference on Agriculture and Allied Sciences: The Productivity, Food Security and Ecology	3 days	BCKV	Oral Presenter
8.	International Symposium in Eco – Efficiency in Agriculture & Allied Research	3 days	CWSS, BCKV	Oral Presenter

20. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

- Nil

21. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

- Nil

22. PUBLICATIONS

A. BOOKS

1. **Majumder J**, Sharangi A, Chowdhury TK. 2022. Edible Ornaments Medicinal and Aromatic Flowers. Published by Brillion Publishing. New Delhi. ISBN 978-93-9272582-1
2. Gantait SS, **Majumder J**, Sarkar MM. 2018. *Advances of Floriculture and Urban Horticulture- Proceeding of National Symposium on Recent Advances on Floriculture and Urban Horticulture in Global Perspectives*. Published by Studera Press, India. ISBN 978-93-85883-65-1

B. BOOK CHAPTERS (Best 10)

1. Chowdhury TK, **Majumder J**, Mondal T, Gupta DM. 2023. China aster. Textbook on Floriculture (Vol 2). Published by Jaya Publishing House. New Delhi. pp. 1-34. ISBN: 978-93-90309-6
2. Chowdhury TK, **Majumder J**, Mondal T, Gupta DM. 2023. Anthurium. Textbook on Floriculture (Vol 2). Published by Jaya Publishing House. New Delhi. pp. 49-73. ISBN: 978-93-90309-6
3. Misra N, Sahu P, Behera S, **Majumder J**, Mani A. 2022. Antioxidant Properties and Health Benefit of Leafy vegetable. Antioxidant Properties and Health Benefit of Horticultural Crops. Part 2. Published by Brillion Publishing. New Delhi. pp: 179-223. ISBN 978-93-92725-67-8
4. **Majumder J**, Misra N. 2022. Antioxidant Properties and Health Benefit of Edible flowers. Antioxidant Properties and Health Benefit of Horticultural Crops. Part 2. Published by Brillion Publishing. New Delhi. pp: 461-475. ISBN 978-93-92725-67-8
5. Chowdhury TK, Sadhukhan R, Kumar P, **Majumder J**. 2021. Dahlia. Texbook on Floriculture (Vol 1). Published by Jaya Publishing House. New Delhi. pp: 238-245. ISBN: 978-93-90309-6
6. Deka K, Chowdhury TK, Chakraborty S, **Majumder J**. 2021. Marigold. Texbook on Floriculture (Vol 1). Published by Jaya Publishing House. New Delhi. pp: 309-317. ISBN: 978-93-90309-6
7. **Majumder J**, Saha TN, Misra S, Misra RL. 2017. Hibiscus. *Commercial Ornamental Crops; Traditional and Loose Flowers*. Edited by Misra S and Misra R L. Published by Kruger Brentt, United Kingdom. pp: 145-152. ISBN: 9781787150072
8. **Majumder J**, Perinban S, Misra RL. 2017. Ixora. *Commercial Ornamental Crops; Traditional and Loose Flowers*. Edited by Misra S, Misra RL. Published by Kruger Brentt, United Kingdom. Pp: 171-180. ISBN: 9781787150072
9. **Majumder J**, Ranjan P, Singh B, Misra S, Misra R L. 2017. Nyctanthes arbour-tristis. *Commercial Ornamental Crops; Traditional and Loose Flowers*. Edited by Misra S and Misra R L. Published by Kruger Brentt, United Kingdom. pp: 215-221. ISBN: 9781787150072.
10. **Majumder J**, Saha T N, Misra S, Misra R L. 2017. Paeonia. *Commercial Ornamental Crops; Traditional and Loose Flowers*. Edited by Misra S, Misra RL. Published by Kruger Brentt, United Kingdom. pp: 235-149. ISBN: 9781787150072

C. RESEARCH PAPERS (Best 10)

1. Chettri T, **Majumder J**, Mahanta M, Mitra M, Gantait S (2024) Genetic diversity analysis and molecular characterization of tropical rose (*Rosa* spp.) varieties. *Scientia Horticulturae* 332(June): 113243 (NAAS 10.3)
2. Koley T, **Majumder J**, Mahanta M, Chowdhuri TK, Gantait S (2024) Characterization and diversity assessment of Hibiscus germplasms using morphological, biochemical and molecular markers. *South African Journal of Botany* 169C (June): 164 177 [DOI: 10.1016/j.sajb.2024.04.019] (NAAS 9.1)

3. Chettri T, **Majumder J**, Gantait S (2024) Callus induction and elicitation for enhanced cyanidin accumulation coupled with antioxidant activities in tropical roses (*Rosa* spp.). *Plant Cell Tissue and Organ Culture* 157(2): 43 (NAAS 9.0)
4. Majumder J, Perinban S, Singh B (2020) Effects of pre-treatment and microwave-assisted extraction on natural dye from marigold (*Tagetes erecta* L.) and nasturtium (*Tropiolum majus* L.) for fabric colouration. *International Journal of Chemical Studies* 8(3): 514-521.
5. **Majumder J**, Singh SK, Kumari M, Verma M (2018) Variability and correlation studies on induced mutants of marigold (*Tagetes erecta* L.) for different traits and assessing them using molecular markers. *Plant Tissue Culture and Biotechnology* 28(2):223-236.
6. Gantait SS, Dutta K, **Majumder J** (2017) In vitro regeneration and conservation of an endangered medicinal plant sarpagandha (*Rauvolfia serpentina* L.). *Journal of Horticultural Sciences* 12(1):71-77. (NAAS 6.1)
7. Perinban S, Singh B, Rai P, **Majumder J** (2016) Potential of field grown sweet sultan (*Centaurea moschata*) as cut flower based on vase life. *The Indian Journal of Agricultural Sciences* 86(4):465-470. (NAAS 6.4)
8. Perinban S, **Majumder J**, Rai P, Singh B. 2015 Effect of plant bioregulators on the vase life of snapdragon (*Antirrhinum majus*) cut flowers. *The Indian Journal of Agricultural Sciences* 85(12):1565-70. (NAAS 6.4)
9. **Majumder J**, Singh KP, Singh SK, Prasad KV, Verma M (2014) In vitro morphogenesis in marigold using shoot tip as explant. *Indian Journal of Horticulture* 71(1):82-86. (NAAS 5.58)
10. **Sarkar J**, Misra RL, Bhat KV, Singh A, Singh SK (2010) Genetic diversity analysis in tuberose (*Polianthes tuberosa*) genotypes through Randomly Amplified Polymorphic DNA. *Indian Journal of Genetics and Plant Breeding* 70(02):182-188. (NAAS 7.0)



6/5/24

Signature with Date