

RESUME

NAME: Dr. Suhrita Chakrabarty (Das)

DESIGNATION: Professor

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

Department of Post Harvest Technology, Faculty of Horticulture,
Bidhan Chandra Krishi Viswavidyalaya (BCKV), Mohanpur, Nadia



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5. GOOGLE SCHOLAR PROFILE: Suhrita Chakrabarty, Professor, Verified email at
bckv.edu.in

6. RESEARCHGATE PROFILE: <https://www.researchgate.net/profile/Suhrita-Chakrabarty-2>

7. DATE OF BIRTH: 22.02.1973

8. DATE OF JOINING TO THE UNIVERSITY: 22.05.2000

9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph.D. in Horticulture (Thesis Title: Standardisation of Post Harvest Technology of Gerbera, Gladiolus and Tuberosse)	Visva Bharati, Santiniketan.	2009
MASTER'S	M.Sc. (Ag) (in Horticulture)	BCKV , Mohanpur, Nadia	1998
BACHELOR'S	B.Sc. (Ag)	BCKV, Mohanpur, Nadia	1996

SPECIAL ACADEMIC ACHIEVEMENTS:

- Passed Madhyamik under West Bengal Board of Secondary Education with **79th rank in 1990.**
- Passed Higher Secondary under West Bengal Council of Higher Secondary Education with **83rd rank in 1992**
- Qualified NET (National Eligibility Test) conducted by ICAR during September 2001 from 'Fruit Science' discipline.
- **Received S.C Mallick Award for scoring highest OGPA in M.Sc (Hort) in 1998**

10. EMPLOYMENT HISTORY:(Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Lecturer(Res.)	BCKV (AICRP on Post Harvest Technology)	22.05.2000	1.06.2004
Training Associate	BCKV(KVK, Gayeshpur)	1.06.2004	24.10.2005
Lecturer(Res.)	BCKV (AICRP on Floriculture)	24.10.2005	22.05.2009
Reader	BCKV (AICRP on Floriculture)	22.05.2009	22.05.2012
Associate Professor	BCKV (AICRP on Floriculture)	22.05.2012	22.05.2015
Professor	BCKV (AICRP on Floriculture)	22.05.2015	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.	Head, Dept of Post Harvest Technology, F/Hort, BCKV	26.7.2021	Till date

12. AREA OF RESEARCH : (Bulleted list)

- Post Harvest handling of flower, fruits and vegetable crops
- Dry flower technology
- Post Harvest processing and Value addition of fruits, vegetables and flower crops.
- FLD, Piloting and technology refinement related post harvest handling, processing and value addition of flowers, fruits and vegetables.

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	FSN-359	Principles of Fruit Science and Nutrition	2+0
POST GRADUATE	PHM - 502	Postharvest Physiology and Biochemistry of Perishables	2+1
	PHM - 510	Marketing and Entrepreneurship in Postharvest Horticulture	1+1
Ph.D.	PHM - 605	Export Oriented Horticulture	1+0
	PHM - 608	Value Addition in Ornamental Crops	1+1

14. NUMBER OF STUDENTS SUPERVISED:

Master's=9 (Nine) Doctoral: 7 (seven)

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

- Professor Chakrabarty acted as **Chairman of the Expert Committee on Agriculture under the Department of Higher Education, Science & Technology and Biotechnology (DHESTBT), Govt. of West Bengal** from 2017-2023.
- Acted as **Co-Chairperson for the Technical Programme Formulation Committee** on 'Post-Harvest Technology and Value Addition' at coordinated centres for the XXIX Annual Group Meeting of AICRP on Floriculture has been scheduled during December 14-17, 2020 (Vide DFR/DIR/XXIX AGM/2020/ Date: 01.12.2020).
- She is the **Chairman of Technical Programme Formulation Committee** of "Post harvest technology and value addition" under AICRP on Floriculture , Directorate of Floricultural Research, **ICAR since 2021.**
- She is the **Reviewer and Presenter** of "Post harvest technology and value addition" experiments of the Annual Work shop of AICRP on Floriculture under Directorate of Floriculture (ICAR) **since 2014.**
- She is also regular **Reviewer** of " Indian Journal of Agricultural Science" (ICAR) , "Journal of Food Processing and Preservation" (Willey) &Journal of Crop and Weed (BCKV)
- She is attached with **Bengal National Chamber of Commerce (BNCCI), West Bengal State Agriculture Marketing Board (WBSAMB), Central Inland Fisheries Research Institute(CIFRI, ICAR) , Spices Board (Ministry of Commerce & Industry, Govt. of India),** Several Non- Government Organizations and **Farmers Producers Organization (FPO)** as an active part of technology demonstration and up-gradation network.

16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

- Life member of Indian Academy of Horticultural Sciences (IAHS)
- Life Member of International Society for Horticultural Science
- Life Member of Indian Society of Ornamental Horticulture
- Life Member of Society for Promotion of Horticulture
- Life Member of the Society for Economic Botany.

17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	“Post Harvest Processing of Marigold and other Flowers for Income Generation of Farming community in West Bengal”	RKVY (RAFTAAR)	Ongoing	PI
2.	“Value Addition of Flowers and other natural resources for women beneficiaries of Sagar Island”	Directorate of Agricultural Marketing Government of West Bengal under the Rastriya Krishi Vikas Yojana Scheme (RKVY)	Completed	PI
3.	“Research Led Innovation in Homestead Agriculture System through Natural Dye Production from Marigold for Improving Colour and Quality of Poultry Egg Yolk Reared under Backyard System for SC Community of Nadia District.”	The Department of Science and Technology, Govt. of West Bengal	Completed	PI
4.	“Evaluation of bio effectiveness of Ethephon 39% SL in Tomato”	Agro Life Science Corporation, 1115, Hemkunt Tower, 98. New Delhi	Completed	PI
5.	“Tier – II Training on Fruit Processing for Some Selected Trainees”	Directorate of Agricultural Marketing Government of West Bengal	Completed	PI
6.	“Action Research on Operational Value Chain activities for Dry Flower Entrepreneurs”	Directorate of Agricultural Marketing Government of West Bengal	Completed	PI
7.	“Action Research on Efficiency of Selected Cold Storages Regarding Storage of Potato, Fruits And Vegetables”	Directorate of Agricultural Marketing Government of West Bengal	Completed	PI
8.	“Formation of Producer Organisation by Pooling Common Interest Groups	Directorate of Agricultural Marketing	Completed	PI

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
	under RKVY Project”	Government of West Bengal		
9.	“Development of Business Model of Refrigerated Van in Different Production Situations of West Bengal”	Directorate of Agricultural Marketing Government of West Bengal	Completed	PI
10.	“Action Research on Dry Flower Value Chain in Some Selected Areas of West Bengal”	Directorate of Agricultural Marketing, Government of West Bengal through Rastriya Krishi Vikas Yojana Scheme (RKVYS Stream - II)	Completed	PI
11.	“Action Research on Fruit Processing Value Chain in Some Selected Areas of West Bengal”	of Agricultural Marketing, Government of West Bengal through Rastriya Krishi Vikas Yojana Scheme (RKVYS Stream - II)	Completed	PI
12.	“Restoration of Agricultural Ecosystems through Agro-waste recycling and subsequent employment generation for SC community of Nadia District”	The Department of Science and Technology, Govt. of West Bengal	Completed	PI
13.	“Sustainable Farming System to Enhance and Ensure Livelihood Security of Poor in Purulia, Bankura and West Midnapore Districts of West Bengal”	World Bank through ICAR	Completed	Co-PI
14.	“Fixation of Ticker Board at different district offices of Agricultural Marketing Directorate in West Bengal”	Directorate of Agricultural Marketing, Government of West Bengal	Completed	PI
15.	“Leaf Tissue Analysis Laboratory”	National Horticulture	Completed	Co-PI

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
		Mission.		

18. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	Training on Cultivation and Post Harvest Management of Flower Crops under SCSP scheme	1 day, 17.2.2024	Ranaghat-2	Organizer
2.	Training on Cultivation and Post Harvest Management of Flower Crops under SCSP scheme	1 day, 1.3.2024	Ranaghat-2	Organizer

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	training programme for Utilization of marigold as poultry feed additive”	1 day	at ICAR-DFR Regional Station, Vemagiri, Kadiyam, Andhra Pradesh	Trainer
2.	Dry Flower techniques and value-added products” for Vocational Certificate Course on Dry Flowers and Value- added Products	1 day	YS Parmer University of Horticulture and Forestry, Solan	Trainer
3.	Business Opportunity Guidance in Dry Flower, Cut Flower & Exotic Plants	1 day	APEDA and EDI, Kolkata	Trainer
4.	Export of Commercial flowers from India and future scope, methodology adopted for export of flowers	1 day	EDI, Kolkata	Trainer
5.	Export of commercial flowers from India, future scope and methodology adopted for export of flowers	1 day	EDI, Kolkata	Trainer

19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc

A. ORGANIZED – Organised more than 50 training programmes and 2 National workshops for NAIP (2012) and AICRP (2010)

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	International Seminar on Exotic and Underutilized Horticultural Crops, themed "Priorities and Emerging Trends	October 17th to 19th, 2023,	at the prestigious ICAR-IIHR campus in Bengaluru, India.	Lead Speaker and Chairman
2.	Post Harvest Technology and State Specific Requirement For Export of Agricultural Products	6.9.2021	APEDA	Lead Speaker
3.	Review the course contents of Vocational certificate course entitled "Dry Flowers and Value Addition" prepared under NAHEP-IDP for UG students	30.3.2021	BCKV	Resource Person
4.	Online Buyer Seller Meet (BSM) for Spices with focus on West Bengal Region	19th March, 2021	On-line	Resource Person
5.	webinar on "Entrepreneurship for Women : Avenues in Floriculture" conducted by Directorate of Floricultural Research, ICAR	8 th March, 2021	On-line	Lead Speaker
6.	Attended a meeting organized by Addl Chef Secretary, DSTBT, Govt. of West Bengal for discussing the implementation of R&D projects and way forwards	10.5.2019	Kolkata	Resource Person
7.	National Conference on Ornamental Horticulture to Uplift Rural Economy	11 th to 13 th January, 2019	MPUAT, Udaypur, Rajasthan	Lead Speaker
8.	Seminar cum NRDC-R&D Industry Interaction Meet , Food Processing, Sericulture and Tea by National Research Development Corporation (NRDC)	7 th Dec, 2018	Guahati	Resource Person
9.	Seminar cum Industry Interaction Meet in Kolkata in Association with Indian Council of Small Industries by National Research Development Corporation	31 st August, 2018	Kolkata	Resource Person
10.	Value chain and Marketing" of "Recent Advances in Floriculture and Urban Horticulture in Global	4 th and 5 th Jan, 2018	BCKV	Chairperson of the session and Lead Speaker

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
	Perspective			
11.	10 th International Symposium on Flower Bulbs and Herbaceous Perennials	April 20-24, 2008	Lisse, the Netherlands from	For presentation of Paper

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

- Prof. Chakrabarty has acted as Chairman of the Expert Committee on Agriculture under the **Department of Higher Education, Science & Technology and Biotechnology (DHESTBT)**, Govt. of West Bengal from 2027 to 2022.
- She has received "**LETTER OF APPRECIATION**" by Director, ICAR-Directorate of Floricultural Research for her valuable efforts and contribution made as a reviewer in XXX and XXXI Annual Group Meeting of AICRP on Floriculture.
- She has performed as **Lead Speaker** (Topic: Postharvest techniques for value addition of Exotic and Underutilized Flower crops) and **Co-Chairman** of the “ Products and Value addition Session” at the International Seminar on Exotic and Underutilized Horticultural Crops, themed "Priorities and Emerging Trends." from October 17th to 19th, 2023, at the prestigious ICAR-IIHR campus in Bengaluru, India.
- **Lead speaker** on “ Scope of uplifting Rural economy by value addition in flower crops”, Published in the souvenir of National Conference on Ornamental Horticulture to Uplift Rural Economy at MPUAT, Udaypur, Rajasthan from 11th to 13th January, 2019, page no197-202
- **Resource person** in a webinar on “Entrepreneurship for Women : Avenues in Floriculture” conducted by Directorate of Floricultural Research, ICAR on 8th March, 2021-03-02
- **Lead speaker** on “ Scope of uplifting Rural economy by value addition in flower crops”, Published in the souvenir of National Conference on Ornamental Horticulture to Uplift Rural Economy at MPUAT, Udaypur, Rajasthan from 11th to 13th January, 2019, page no197-202
- She was Awarded as **Women scientist** on 4th December, 2018, at CIFRI, Barrackpore, Kolkata-120.
- She has received several News paper coverage.

Video Documentation

- A) **Five documentary films** made by Prof S. Chakrabarty are available in youtube-

- 1) <https://youtu.be/6ZOz8-5I05E> (refrigerated van)
- 2) https://youtu.be/yLnwOPn_CrE (BCKV producer company-1.9K views)
- 3) <https://youtu.be/C78eUqneDV8> (Dry Flower-870 views)
- 4) <https://youtu.be/2uxfBZEPGhU> (Dry Flower)
- 5) <https://youtu.be/5B7COx9Yy2g> (Fruit processing)

B) Other documentary films made by Prof. Chakrabarty

- “ Dry Flower an insight search”
- “ Operationalising value chain of Dry Flowers at 10 districts of West Bengal”
- “ **Marigold : A potential source of lutein fortification in eggs**

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

NA

22. PUBLICATIONS

A. BOOKS -21(Twenty one)

1. “Text Book on Floriculture (Volume -1)” published by JAYA Publishing House, 2021
2. **Suhrita Chakrabarty**, Venkata Satish Kuchi and Hemanth Singh. (2015). Studies on efficiency of selected multipurpose cold storages. Lambert Academic Publishing, Saarbrücken, Germany, pp 140. ISBN : 978-3-659-71042-1.
3. Marak Dombewarisa S and Chakrabarty, S , 2014 , **Value Addition of Foliages for Decoration**. LAP Lambert Academic Publishing, ISBN-10: 3659586358, ISBN-13: 978-3659586354
4. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Resource Appraisal for identifying Livelihood Potentials: A Base Line Study Approach in West Bengal, India**. Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken, German, (22, 2011), **ISBN – 10:** 3844321268, **ISBN – 13:** 978-3844321265
5. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Institution Building and Women Empowerment for Livelihood Enhancement: Two Case Studies on Rural India through Program interventions**. Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken, German, (January 4, 2011), **ISBN – 10:** 3843389667, **ISBN – 13:** 978-3843389662
6. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Impact Assessment of Two Women Empowerment Programs: A Micro Finance & Livelihood based perspective in West Bengal, India**. Lambert Academic Publishing GmbH&Co. KG, Dudweiler

Landstr.99,66123 Saarbrücken,Germany , (April 17, 2011), **ISBN – 10:**

3844324135**ISBN – 13:** 978-3844324136

7. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Farm Forestry: Trends and Perspectives: A case Study in West Bengal, India.** Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany (July 28, 2011), **ISBN – 10:** 3845422114, **ISBN – 13:** 978-3845422114
8. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Evolving Agriculture Research Plan in Hill Agriculture: A participatory Tool based Exercise in West Bengal, India.** Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany (May 31, 2011), **ISBN – 10:** 3844393625, **ISBN – 13:** 978-3844393620
9. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Evolution of Self Help Groups: An Empirical Investigation in India: Self Help Groups (SHG) and Grassroots Rural Institutions in India.** Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany (December 13, 2010), **ISBN – 10:** 3843378355, **ISBN – 13:** 978-384378352
10. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Evaluation of Two Urban Development Programs in West Bengal, India.** Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany,**ISBN – 10:** 3843351627**ISBN – 13:** 978-3843351621
11. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Entrepreneurs' Guide Book to Farm Livelihood: Model demonstration unit,** Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany, **ISBN – 10:** 3845430168, **ISBN – 13:** 978-3845430164
12. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Effectiveness of Voluntary Organisations in Hill Agriculture: A Participatory Action Research in West Bengal, India.**Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany , **ISBN – 10:** 3844301313, **ISBN – 13:** 978-3844301311
13. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Agriculture Livelihood in Disadvantaged Agriculture: An implementation plan in West Bengal, India** Effectivity of Voluntary Organisation in Hill Agriculture, Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany , **ISBN – 10:** 3844310274, **ISBN – 13:** 978-3844310276
14. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Adoption of Improved Technology in Jute** Effectivity of Voluntary Organisation in Hill Agriculture, Lambert Academic

Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany, **ISBN – 10:** 3845401222, **ISBN – 13:** 978-3845401225

15. Amit Kumar Roy and Suhrita Chakrabarty (2011), **Adoption of Improved Technology in Jute** Effectivity of Voluntary Organisation in Hill Agriculture, Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany, **ISBN – 10:** 3845401222, **ISBN – 13:** 978-3845401225
16. Suhrita Chakrabarty ,Sovan Roy and Amit Roy (2011), **An Entrepreneur’s Guide to Dry Flower: Process and Techniques in Dry Flower.** Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany,
17. Amit Kumar Roy and Suhrita Chakrabarty (2011), Effectivity of Voluntary Organisation in Hill Agriculture, Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany,
18. Suhrita Chakrabarty,N Roy chowdhury and P.S. Munsri (2010), Studies on Post Harvest Handling of Gerbera, Gladiolus and Tuberosa, Lambert Academic Publishing GmbH&Co. KG, Dudweiler Landstr.99,66123 Saarbrücken,Germany,
19. Suhrita Chakrabarty and R.S. Dhua (2010), Grading of Litchi cv Bombai and its effect on Quality and Storage, Suhrita Chakrabarty
20. Sengupta, K, Dhar,R and Chakrabarty (Das), S (2006), Glossary of Crop Science, Kalyani Publishers, New Delhi, 110002

B. BOOK CHAPTERS (Best 10)

1. Chakrabarty (Das) S., Datta S.K. (2021) Value Addition: Dehydration of Flowers and Foliage and Floral Craft. In: Datta S.K., Gupta Y.C. (eds) Floriculture and Ornamental Plants. Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Springer, Singapore. https://doi.org/10.1007/978-981-15-1554-5_21-1, **Received** 02 August 2020, **Accepted** 05 February 2021, **First Online**24 August 2021, **DOI** https://doi.org/10.1007/978-981-15-1554-5_21-1, **Publisher Name** Springer, Singapore, **Online ISBN**978-981-15-1554-5
2. One Chapter named “ **Essential Oil: Its Economic Aspect, Extraction, Importance, Uses, Hazards and Quality**” in *Value Addition of Horticultural Crops: Recent Trends and Future Directions*, edited by A.B. Sharangi, S. Datta (eds.),published by **Springer India 2015**
3. **Chapter named “Shukno Phool Utpadoner Samvabana”** in “ *Ajker Krishi Bhavna, Samiksha-2007*” edited by Nilanshu Mukherjee, NBA Publication, 2007

4. **Three chapters named Azalea, Hydrangea and Cassia** Advances in Ornamental Horticulture “Flowering Shrubs & Seasonal Ornamentals” volume (1), 2006, edited by S.K. Bhattacharjee (206) M/S Advance Books

C. RESEARCH PAPERS (Best 10)

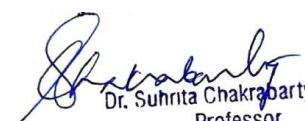
1. S. Dey, **S. Chakrabarty** and A. Hayat (2022), Exploring alternative packaging materials for storing marigold strings, *Journal of Crop and Weed*, 18(1): 01-08 (2022) , DOI: <https://doi.org/10.22271/09746315.2022.v18.i1.1533>. NAAS (5.46)
2. Bijay Kumar Baidya, Suhrita Chakrabarty and Priyanjani Sethy (2020), “Extending shelf life of loose tuberose florets (*Polianthes tuberosa* Linn. cv. Prajwal) by quick dipping in boric acid and sodium benzoate followed by low temperature storage” *International Journal of Chemical Studies*, 8(3): 2607-2612, **NAAS Score: 5.31(2020)**
3. Biswajit Karmakar, Suhrita Chakrabarty, Abid Hayat and Swarnayu Bagchi. (2020). “Processing of *Nephrolepis exaltata* with Glycerine to Enhance Shelf Life by Drying”. *International Journal of Current Microbiology and Applied Sciences*, 9(3): 348-356. **NAAS Score: 5.38 (2020)**
4. Deepika, Kabir. J, Dhua. R. S. and Chakrabarty S. (2019) Optimization of Extraction Process of Pigments from Marigold Petals. *Chemical Science Review and Letters*, 8(30), 266-271. **NAAS Score: 5.21 (2020)**
5. Venkata Satish Kuchi, D. Ramesh, **S. Chakrabarty** and R.S. Dhua. (2017) Characterization of Reducing Sugars of Red Beet (*Beta vulgaris L.*) during Cold Storage through Statistical Modeling. *International Journal of Current Microbiology and Applied Sciences*, 6 (2): 285-295. **NAAS Score: 5.38 (2020)**
6. M. Preema Devi, **S. Chakrabarty** and P. Chakrabarty. (2017), Agrometeorological indices : effect on growth and flowering behaviour in marigold, *Journal of Crop and Weed*, 13(3): 82-85, **NAAS Score: 5.28(2020)**
7. Dombewarisa S Marak, S. Chakrabarty (Das), Balveer Singh and Deepika(2016) **Standardization of Glycerinisation for Leaves of Silver Oak (*Grevillea robusta*), Kanchan (*Bauhinia purpurea*) and Pipal (*Ficus religiosa*)**, *International Journal of Agriculture, Environment and Biotechnology*: 9(5): 815-820, **NAAS -4.69 (2020)**
8. Roychowdhury, N. , Chakrabarty, S. and Munsif, P.S., and (2011) Influence of Packaging material, Storage condition and Storage duration on Vase life of Tuberose, cv. Calcutta Double. Proceedings of 10th International Symposium on Flower Bulbs and Herbaceous Perennials, in Lisse, the Netherlands from April 20-24, 2008, *Acta Horticulturae*, page no-357-362

9. Munsii, P.S., Chakrabarty, S. , and Roychowdhury, N. (2011) Effect of Storage Conditions and Packaging supplemented with different solutions (wet packing)on vase life of Gladiolus. Proceedings of 10th International Symposium on Flower Bulbs and Herbaceous Perennials, in Lisse, the Netherlands from April 20-24, 2008,*Acta Horticulturae*, page no-349-356
10. Chakrabarty, S. , Munsii, P.S., and Roychowdhury, N. (2011) Effect of Water temperature on Rehydration and Vase life of Gerbera, cv. Calcutta Orange. Proceedings of 10th International Symposium on Flower Bulbs and Herbaceous Perennials, in Lisse, the Netherlands from April 20-24, 2008,*Acta Horticulturae*, page no-39-48

D. Popular Articles:

1. Chakrabarty, S.(2024), India: The importance of climate resilient houseplants, **Floral Daily**, Tue 5 Mar 2024, <https://www.floraldaily.com/article/9606090/india-the-importance-of-climate-resilient-houseplants/>
2. Chakrabarty, S(2023), Various Strategies for Increasing the Value of Flower Harvests, *Floriculture Today*, 2023, November:44-50
3. Chakrabarty,S., Karmakar,B and Hayat,A (2023). Natural Dyeing Processes to Improve Fabric Qualities and Add Value (Part-II), *Floriculture Today*, 2023, November:52-57
4. Lalita Mandi and Suhrita Chakrabarty (2023). Flower Tea: A Simple Way of Value Addition to Flower Crops, *Floriculture Today*, 2023, October:26-29
5. Chakrabarty, S., Chowdhury, T.K ,Mandi, L and Sengupta. B (2023). “ Joba Phuler Bybhar Hoye uthuk Uparjonar Dishari”, *Sar Samachar*, 2023, Sravana-Aswin (2nd issue), Page no 35-41.
6. Chakrabarty,S., Karmakar,B and Hayat,A (2023). Natural Dyeing Processes to Improve Fabric Qualities and Add Value (Part-I), *Floriculture Today*, 2023, October:26-29
7. Chakrabarty (Das), S., Chowdhury, T.K and Mandi, L (2023). High Valued Hibiscus, *Floriculture Today*, April:28-32
8. Chakrabarty, S (2022). Magic of Marigold. *Floriculture Today*, September:42-44

Signature with Date


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Date:17.5.2024