

Scientific Publications / Books / Book Chapters /Conferences / Patents

1. **Gandamalla Madhuri**, Siddharth Kumar Palai, Pradyumna Tripathy and Sashikala Beura. 2022. Effect of Antioxidants, Culture Conditions and Frequency of Subculture to Control Phenols during *in vitro* Culture of *Phalaenopsis* Hybrid Cultivar ORIANA. International Journal of Plant and Soil Science, 34(2): 64-72.
<https://journalijpss.com/index.php/IJPSS/article/view/1639>
2. **Gandamalla Madhuri**, Siddharth Kumar Palai and Sashikala Beura. 2021. Effect of chemical sterilants on surface sterilization of flower stalk during *in vitro* propagation of *Phalaenopsis* hybrids cv. Shagan. The Pharma Innovation Journal, 10(12): 221-224.
3. Ruchita Panda, Siddharth Kumar Palai, Sukirti Mohanty and **Gandamalla Madhuri** 2020. Nutrient Requirement of *Phalaenopsis* Hybrid cv. Shagan. International Journal of Current Microbiology and Applied Sciences, 9(5): 693-699.
<https://www.ijcmas.com/abstractview.php?ID=17118&vol=9-5-2020&SNo=77>
4. Panda, R., Palai, S.K. and **Madhuri, G.** 2019. Effect of water-soluble fertilizers on flowering of *Phalaenopsis* hybrid cv. Shagan. International Journal of Chemical Studies, 7(4): 697-699.
5. **Madhuri, G.** and Barad, A.V. 2018. Flowering parameters of carnation (*Dianthus caryophyllus* L.) varieties under protected condition influenced by NPK nutrients through foliar spray. The Pharma Innovation Journal, 7(7): 105-108.
6. **Madhuri, G.** Palai, S. K. and Pattanaik, S. 2018. Growth and flowering parameters of tuberose (*Polianthes tuberosa* L.) cv. Phule Rajani influenced by organic manures. The Pharma Innovation Journal, 7(5): 97-99.
7. **Madhuri, G.** and Barad, A. V. 2018. Effect of NPK nutrients through foliar spray on vegetative growth parameters of carnation (*Dianthus caryophyllus* L.) varieties under protected condition. The Pharma Innovation Journal, 7(5): 559-561.
8. Suchismita Pattnaik, **G. Madhuri** and S. K. Palai. 2018. Effect of organic manures on floral attributes of tuberose (*Polianthes tuberosa* L.) cv. Phule Rajani. International Journal of Farm Sciences, 8(1): 82-85.
https://www.researchgate.net/publication/325266120_Effect_of_organic_manures_on_floral_attributes_of_tuberose_Polianthes_tuberosa_L_cv_Phule_Rajani

9. SK Palai, **G Madhuri**, MR Nath and S Bhuyan 2018. Effect of planting dates and photoperiod on growth and flowering of chrysanthemum (*Chrysanthemum morifolium* Ramat) cv. Yellow Reagan. The Pharma Innovation Journal, 7(5) 106-108.
10. **Madhuri, G.** Barad, A.V., Neelima, P. and Nilima, B. 2014. Standardization of foliar nutrients (NPK) spray in carnation (*Dianthus caryophyllus* L.) varieties under protected condition. The Asian Journal of Horticulture, 9(2): 309-314. [https://researchjournal.co.in/online/TAJH/TAJH%209\(2\)/9_309-314_A.pdf](https://researchjournal.co.in/online/TAJH/TAJH%209(2)/9_309-314_A.pdf)
11. Almas, Barad, A. V. and **Madhuri, G.** 2014. Effect of different levels of pruning and micronutrient (Fe) on growth, flowering and cut flower yield of dutch rose (*Rosa hybrid* Linn.) cv. First Red under greenhouse condition. The Asian Journal of Horticulture, 9(2): 291-296. [https://researchjournal.co.in/online/TAJH/TAJH%209\(2\)/9_291-296_A.pdf](https://researchjournal.co.in/online/TAJH/TAJH%209(2)/9_291-296_A.pdf)
12. Nilima, B., Barad, A.V. and **Madhuri, G.** 2014. Residual effect of pre-harvest spray of MH and storage conditions of bulbs, during succeeding crop of spider lily (*Hymenocallis Littoralis* L.) cv. Local. The Asian Journal of Horticulture, 9(2): 297-300. https://researchjournal.co.in/upload/assignments/9_360-363_888.pdf
13. Nilima, B. Barad, A.V. and **Madhuri, G.** 2014. Effect of pre-harvest spray of MH and storage conditions on storage of bulbs of spider lily (*Hymenocallis Littoralis* L.) cv. Local. The Asian Journal of Horticulture, 9(2): 435-438. <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20153121576>

Book Chapters/Books

1. **Madhuri, G.** (2024). *Leek*. In: A Handbook of Temperate Vegetables, SR edu publication, ISBN 978-93-92941-63-4, Pp 188-199. (Eds. Dr. K. Madhusudan Reddy and Dr. S. Bharghav Kiran).
2. Barad, A. V., Nilima, B., Jaya Kumari and **Madhuri, G.** 2015 Innovative flower crops production in open field. In: Horticultural technology management, Jaya publishing house, ISBN No. 978-93-84337-34-6, Pp. 19-43. (Eds. Udit Kumar and Birendra Prasad).
3. **G. Madhuri**, A. V. Barad. 2014. Carnation under polyhouse. Lambert Academic publishing, ISBN No. 978-3-659-57617-1, Pp. 1-176.

National / International Conferences

1. **G. Madhuri.** (2026) attended a RT PCR Hands on Workshop, 28th August, 2026 at Hyderabad, India.
2. **G. Madhuri.** (2026) attended a Training Programme on Indoor and Home Gardening for Healthy and Sustainable Living, 17-21 August, 2026 at ICAR- Directorate of floriculture research, Pune.
3. S. K. Palai and **G. Madhuri.** (2017) published a full-length paper on Postharvest management of Lilium. In: Workshop-cum-training to flower growers on Protected cultivation of Anthurium and Lilium, 14th March, 2017 at Bhubaneswar, Odisha.
4. **Madhuri, G.** and Barad, A.V. (2016) presented a poster on Response of carnation (*Dianthus caryophyllus* L.) varieties to foliar nutrients (NPK) spray in under protected condition. In: National Seminar on “Horticultural Diversity for Prosperity held on February 10-12th, 2016 at OUAT, Bhubaneswar.
5. **G. Madhuri** and S. K. Palai. (2016) published a full-length paper on Commercial cultivation of flowers under protected environment. In: National Seminar on “Resource based Precision Farming: Need of the Day” 8-9th March, 2016 at Bhubaneswar, Odisha.
6. **Madhuri, G.,** Barad, A.V. and Neelima, P. (2016) presented a poster on Standardization of foliar nutrients (NPK) spray in carnation (*Dianthus caryophyllus* L.) varieties under protected condition. In: 103rd Indian Science Congress, 2016 at Mysore.
7. **Madhuri, G.,** Barad, A.V. and Neelima, P. (2015) presented a poster on Standardization of foliar nutrients (NPK) spray in carnation (*Dianthus caryophyllus* L.) varieties under protected condition. In: National conference on reinvigorating agricultural innovations for farmers empowerment and development held on May 3-4, 2015 at Hyderabad.
8. Neelima, P., **Madhuri, G.** and Barad, A.V. (2015) presented a poster on Integration of biofertilizers along the chemical fertilizers to enhance the growth and flower yield of Chrysanthemum (*Chrysanthemum morifolium* Ramat). In: National conference on reinvigorating agricultural innovations for farmers empowerment and development, 3-4th May, 2015 at Hyderabad.

9. **Madhuri, G.** and Barad, A. V. (2014) published a full-length paper on Floriculture in urban areas of India- An income generating activity for Rural women. In: National Seminar on Women Farmer held on 4-6th, February, 2014 at Junagadh, Gujarat.
10. **Madhuri, G.,** Barad, A. V., Nilima Bhosale and Jaya Kumari (2014) presented a poster on Women Empowerment through SMFEs and SHGs. In: National Seminar on Women Farmer held on 4-6th February, 2014 at Junagadh, Gujarat.
11. **Madhuri Gandamalla,** Barad, A.V. and Neelima Bhonsale (2013) presented a poster on Healing gardens for Horticultural therapy. In: National workshop on urban and peri-urban horticulture held on December 21, 2013 at NAU, Navsari, Gujarat.