

Academic Profile of Nagesh, G. C.

Name : Nagesh, G. C.
DOB : 23/07/1989



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Field of specialization: **Vegetable Science**

Describe yourself- I am from Agrarian family, which helped me in better understanding the chosen area of study. With better practical exposure gained has ensured me in handling and managing the practical problems in the field of Horticulture. Henceforth, I'm looking forward for an opportunity to enrol myself in this promising field.

| Educational Qualifications | : | Degree | University/Institute | Marks obtained (%) |
|----------------------------|---|---------------------------------|--|--------------------|
| | : | B.Sc. (Hort.) | University of Horticultural sciences, Bagalkot | 8.55 |
| | : | M.Sc. (Hort.) Vegetable Science | University of Horticultural sciences, Bagalkot | 9.51 |
| | : | Ph.D. (Hort.) Vegetable Science | Indian Agricultural Research Institute New Delhi (IIHR Campus) | NA |

| Research Projects: | |
|---------------------------|--|
| M.Sc. (2012-2014) | Heterosis and combining ability studies in near homozygous lines of okra [<i>abelmoschus esculentus</i> (L.) moench] |
| Ph.D. (2014 to till date) | Genetics and mapping of resistance to watermelon bud necrosis virus (WBNV) in watermelon [<i>Citrullus lanatus</i> (Thunb.) Matsum & Nakai] |

Achievements

- Received **university merit scholarship** for the year 2008-09 during U.G programme
- Received **Jindal scholarship** during UG programme

- Secured **36** Rank in ICAR'S AIEEA-PG-2012
- Secured 3rd rank in PG entrance conducted by University of Horticultural Sciences, Bagalkot to PG admission in 2012.
- Recipient of **UHS Merit** scholarship from 2012-13 to 2013-14 during M.Sc Programme
- Secured 11th rank in IARI Ph.D All India Entrance exam (2014-15) in Vegetable discipline
- Cleared National Eligibility Test (**NET**) conducted by **ASRB** (ICAR), New Delhi, recognized by UGC/CSIR the discipline of vegetable science in 2014
- Awarded **National Fellowship** for Students of Other Backward Classes (OBC) to pursue Ph.D. Degree in 2014-15 by Ministry of Social Justice & Empowerment, Govt. of India, New Delhi
- Life member of **Asian PGPR Society of Sustainable Agriculture** USA EIN : 47-4803807 & Alabama, USA : 1309/490

Research papers published in Journals

1. **G. C. Nagesh**, R. Mulge, V. Rathod, L. B. Basavaraj and S. M. Mahaveer, 2014, Heterosis and combining ability studies in okra [*Abelmoschus esculentus* (L.) moench] for yield and quality parameters. *The Bioscan* 9(4): 1717-1723.
2. L.B. Basavaraj , D.G. Vilas , Shivappa M. Karadi , D.R. Vijayakumar , **G.C. Nagesh** and P.K. Reshmika, 2016, Combining ability analysis for fruit yield and quality traits in tomato (*Solanum lycopersicum* L.) *Green Farming* 7 (1): 26-30.

Abstracts published in Conferences/Symposia/ Seminars/Workshops: (all)

3. **Nagesh, G. C.**, Mulge, R., Shivakumar and Jayasheela, D. S., Heterosis and combining ability studies in okra [*Abelmoschus esculentus* (L.) moench] for yield and quality parameters in science and technology conference on science and society from 16-17 January 2015.
4. Jayasheela, D. S., Sreekal, G. S., Shivakumar, **Nagesh, G. C.**, and Keerthishree, M., Evaluation of sanitizing agents in coorg honeydew papaya for local market in science and technology conference on science and society from 16-17 January 2015.
5. H. P. Sudeep, Shivakumar and **Nagesh, G. C.**, Evaluation of gladiolus (*Gladiolus grandiflorus* Hort.) genotypes under hill zone of Karnataka in science and technology conference on science and society from 16-17 January 2015.

6. Jayaheela, D. S., Shivakumar, **Nagesh, G. C.** and Pintu Roy Vattakunnel, Nanotechnology a tool to reduce the postharvest losses in fruits and vegetables in international conference on recent advances in bionano-science and technology from 25-26 February 2015.
7. **Nagesh, G. C.**, Bommesh, J. C., Nagaraju, K. And Prashanth, K., Vertical farming- revolutionizing the food production in international conference on vertical farming from 2-3 November 2015.
8. Nagaraju, K., Bommesh, J. C., **Nagesh, G. C.**, and Prashanth, K., Verticrop for food and environmental security in international conference on vertical farming from 2-3 November 2015.
9. Bommesh J.C., Kattula Nagaraju., Chethan Prasad H. P., Prasanth, K. and **Nagesh, G. C.**, Ex situ conservation of genetic stocks in perennial horticultural crops in National Conference on "Fruit Breeding in Tropics and Subtropics - An Indian Perspective" on 27-29 April 2016 at IIHR- Bengaluru.
10. Rao, E. S., Thontadarya, N. and **Nagesh, G. C.**, Breeding Muskmelon and Watermelon for Resistance to Biotic and Abiotic Stresses. In ICAR- Winter School on ‘Advanced Breeding Strategies for Biotic and Abiotic Stress Tolerance in Vegetable Crops’ from 8-28 October 2015. Edited by K. Madhavi Reddy.

Participation in Conferences/Symposia/ Seminars/Workshops:

1. Regional science conference on “**Science and technology for livelihood, food, and nutrition and health security**” during 25-26 February 2014 at UHS Bagalkot.
2. **Asian Solanaceous Round Table 2014** on 9-10 September, 2014 at The Lalit Ashok, Bangalore.
3. **National meet on distant hybridization in horticultural crop improvement** held at ICAR-IIHR Bengaluru from 22-23 January 2015.
4. **International conference on Vertical farming** held at Hotel Taj West end, Bengauru on 2-3 November 2015.
5. **National Conference on "Fruit Breeding in Tropics and Subtropics - An Indian Perspective"** on 27-29 April 2016 at IIHR- Bengaluru.

Expertise specific to the area of specialization:

Expertise in crossing techniques in okra and watermelon, molecular marker techniques and biometrical techniques