

Academic Profile of Kattula Nagaraju

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Educational Qualifications	Degree	University/Institute	Marks obtained (%)
	B.Sc. (Hons.) Horticulture	COH, Mojerla, Dr. YSRHU, Venkataramanna Gudem, AP	87.20%
	M.Sc. (Hort.) Vegetable Science	HC & RI, TNAU, Coimbatore, TN	94.30%
	Ph.D. (Hort.) Vegetable Science	IARI, New Delhi (IIHR Campus)	90.53%

Research Projects:

M.Sc. (from 2012 to 2014) Diversity analysis in scented and non-scented ash gourd genotypes [*Benincasa hispida* (Thunb.) Cogn.]

Ph.D. (from 2014 to till date) Development of cytoplasmic-genetic male sterile lines in okra [*Abelmoschus esculentus* Moench.]

Achievements:

- Secured 11th rank (open) and 6th rank (OBC) in ICAR'S AIEEA-PG-2012.
- Received **ICAR-JRF** fellowship for pursuing M.Sc. degree programme (from 2012 to 2014)
- **University topper** in Faculty of Horticulture, TNAU, Coimbatore (2014)
- Cleared National Eligibility Test (**NET**) in the discipline of vegetable science in 2014 conducted by **ASRB** (ICAR), New Delhi which is recognized by UGC/CSIR
- Awarded **National Fellowship** for Students of Other Backward Classes (OBC) to pursue Ph.D. Degree in 2014-15 by **UGC**.

Abstracts published in Conferences/Symposia/ Seminars/Workshops:

1. **Kattula Nagaraju, Reddy, M.N.K., Deepika, C. and Surendranath, R** “Hydroponics for sustainable vegetable production in tropics & sub-tropics -opportunities and alternatives” in National seminar on protected cultivation of horticultural crops and value addition, held during 29-30th November, 2013, Department of Horticulture, Allahabad School of Agriculture, SHIATS, UP, India.
2. **Naresh Kumar Reddy, M., Surendranath, R., Nagaraju, K. and Deepika, C.** “Value addition in floriculture –A prospective view” in National seminar on protected cultivation of horticultural crops and value addition, held during 29-30th November, 2013, Department of Horticulture, Allahabad School of Agriculture, SHIATS, UP, India.
3. **Kattula Nagaraju, Pitchaimuthu, M., Bommesh J. C. and Gayathri, M.** “Exploitation of advanced molecular cytogenetic tools for crop improvement: A review” in National conference on Genetics and Cytogenetics, held during 1st -3rd February, 2016 by UAS, Dharwad, KN, India.
4. Nagesh, G. C., Bommesh, J. C., **Nagaraju, K.** and Prashanth, K. Vertical farming- revolutionizing the food production in International conference on vertical farming held from 2-3rd, November, 2015 in Bengaluru, KN, India.
5. **Kattula Nagaraju, Bommesh, J. C., Nagesh, G. C., and Prashanth, K.** Verticrop for food and environmental security in International conference on vertical farming held from 2-3rd, November, 2015 in Bengaluru, KN, India.
6. Bommesh J.C., **Nagaraju, K.,** 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 held during 27-29 April 2016 at IIHR- Bengaluru.

7. **Kattula Nagaraju**, Preethi, P., Bommesh, J. C., Jagadish P. M. and Surendranath R. "Strategies for rapid breeding of perennial fruit crops-achievements, limitations and future prospects" in National Conference on Fruit Breeding in Tropics and Subtropics - An Indian Perspective held during 27-29 April 2016 at IIHR- Bengaluru.

Participation in Conferences/Symposia/ Seminars/Workshops:

1. National level technical symposium " Bioconcorrenza 2013" organized by CPMB &B , Tamil Nadu Agricultural University, Coimbatore, India on 28th February 2013.
2. First Agricultural Graduate Student Conference, 2013 on Food safety and food security organized by TNAU, Coimbatore, India during 02-03 May 2013.
3. International conference on tropical roots and tubers for sustainable livelihood under changing agro-climate (ICTRT 2013) organized during 09-12 July 2013 at CTCRI, Thiruvananthapuram, Kerala, India.
4. National seminar on protected cultivation of horticultural crops and value addition, held during 29 -30 November, 2013, Department of Horticulture, Allahabad School of Agriculture, SHIATS, UP, India.
5. Asian Solanaceous Round Table-2014 organized by APSA held at The Lalit Ashok, Bangalore during 9th to 10th September 2014.
6. National meet on Distant hybridization in horticultural crop improvement held at ICAR-IIHR, Bengaluru, India during 22-23, January 2015.
7. 3rd international symposium on "Phytophthora: Taxonomy, Genomics, Pathogenicity, Resistance and Disease management" held at ICAR-IIHR, Bengaluru, India during 9-12 September 2015.
8. International conference on vertical farming held at Hotel Taj West, Bengaluru on 02- 03, November 2015.
9. National conference on Genetics and Cytogenetics, held during 01- 03, February 2016 by UAS, Dharwad, KN, India.
10. 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 cucurbits; male sterility systems in plants; cyto-genetical techniques, molecular marker techniques and biometrical techniques