Rakshita Jayant Nikam

Doctorate in Fruit Science| Ph.D. Researcher in Horticulture

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06/09/1997 | Unmarried

SUMMARY

Ph.D. in Horticulture specializing in **Fruit Science**, with expertise in fruit crop production, crop management, experimental research, data analysis, and scientific documentation. Experienced in conducting independent research, designing field and laboratory experiments, analyzing research data, preparing scientific publications, and presenting findings at academic and professional forums. Seeking opportunities in **research, horticultural R&D, crop improvement, and allied agricultural organizations**.

EDUCATION

Ph.D. Horticulture (Fruit Science)- 8.79 C.G.P.A., 2021 – 2026
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth Dapoli, India

M.Sc. Horticulture (Fruit Science)- 8.27 C.G.P.A., 2019 – 2021
Vasantrao Naik Marathwada Krishi Vidyapeeth Parbhani, India

B.Sc. (Horticulture)- 8.04 C.G.P.A., 2015 – 2019
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth Dapoli, India

PROJECTS

Impact of tip pruning, basin exposure and girdling for induction of flowering in mango cv. Alphonso. 2022 – 2025

- Conducted field experiments on mango cv. Alphonso under Konkan conditions.
- Studied the effect of tip pruning, basin exposure and girdling on flowering and fruiting.
- Recorded observations on physiological parameters.
- Investigated carbohydrate allocation and source–sink relationships during flowering and fruit development.
- Managed experimental layouts using Randomized Block Design (RBD) and analyzed treatment effects statistically.
- Prepared research reports, thesis chapters, scientific presentations, and manuscripts.

Effect of Girth of Root stock on grafting success and growth of different varieties of Mango (Mangifera indica L.) 2020 – 2021

PUBLICATIONS

Comparative efficacy of tip pruning, girdling and basin exposure on the reproductive performance of mango cv. Alphonso, 2026
International Journal of Advanced Biochemistry Research

Impact of various horticultural practices on physical and biochemical parameters during flowering and fruiting in mango cv. Alphonso, 2026
International Journal of Advanced Biochemistry Research

Effect of rootstock girth on biomass production and success of grafts in different varieties of mango (Mangifera indica L.), 2021
Multilogic in Science

Influence of rootstock girth in softwood grafting on growth and survival of different varieties of mango (Mangifera indica L.), 2021
The Pharma Inovation

LANGUAGES

English | Hindi | Marathi

AWARDS AND ACHIEVEMENTS

State level Volley ball, 2019
Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Military Training Course, *Maharashtra Education Society* 2015

District Level Kick Boxing, *District Sports Council, Pune* 2014
2nd Prize

Taluka Level School Sports Competition., *District Sport Council, Pune* 2013
1st Prize Volleyball

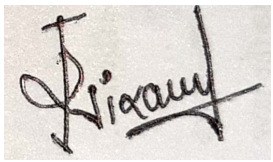
Certificate of Participation – National Conference on "Innovative Technologies for Sustainable Development of Tree Spices in India", 25/08/2026
College of Horticulture, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, in collaboration with the Directorate of Arecanut and Spices Development, Kerala.

INTERESTS

Volley Ball | Painting | Reading Fictional Books

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.



Rakshita Jayant Nikam