

Dr. Yogesh Prasad Rajbhar Professor Horticulture, Department of Horticulture, Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110 (U.P.)
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Qualification:

- M.Sc (Ag.) Horticulture C.S.A. University of Agriculture & Technology, Kanpur-208002 in 1985
- Ph. D. (Horticulture) C.S.A. University of Agriculture & Technology, Kanpur-208002 in 1993

• **NET – Qualified**

Area of Specialization: Pomology

Experience: 28years

1. Research work on temperate fruits as well as Tropical and subtropical fruit crops
2. Research work / Teaching on fruits as mango, guava, citrus fruits; vegetables and ornamental plants; Development of MAP Nursery from 27.01.2005 to till date as Associate Director (Horticulture)
3. Teaching of courses for UG students: 1.Production Technology of Fruit Crops 2.Post-harvest Management & Processing of Fruits and Vegetables 3.Breeding of Horticultural Crops 4. Experiential Learning Course on Micropropagation and Tissue Culture 5.RAWE
4. Classes for PG students: 1. Systematic Horticulture 2.Advanced Pomology
5. Class for Ph. D students 1.Nutrition on Horticultural crops
6. Students Guided/ Guiding : M.Sc. (Ag) Horticulture- 16 Ph.D. Horticulture - 7
7. **Publications:** 1. Research Papers : 43 2.Technical Bulletin : 02 3. Book 1 4.Full length papers presented in National Symposia -32 4.Full length papers presented in International Symposia -2 5, Popular Articles 32
8. **Awards/Recognition:** 1. Appreciation letter NO. ES/JDR/RSN/68 dated May 10, 1999 from Joint Director Research, Directorate of Experiment Station, G.B.P.U.A.& T., Pantnagar as instrumental in eradication of the long existing problems of shoot borers, malnutrition, mango malformation and gummosis in mango orchards of Village -Udharanpur, District- Hardoi (U.P.)
9. **Received 1st Prize** on Papaya as Vegetable use Under All India Vegetable Show Organised from 19-21 December, 2002 by Ministry of Agriculture, Department of Agriculture and Cooperation, Government of India at Sardar Vallabh Bhai Patel University of Agriculture & Technology, Meerut (U.P.) on the Occasion of birth centenary of Chowdhary Charan Singh Ji, Ex –Prime Minister of India on 23rd December, 2002
10. As **Invited Speaker in Indian Science Congress 102nd and 103rd** Session at Mumbai and Tirupati, respectively
11. Paper setter of P.G. Course of Horticulture of CSAUAT, Kanpur-208002
12. **Examination Superintendent of UPCATET** 2014 and 2017
13. **Research Projects Handled: 5 (Externally funded -2)**

RESEARCH OUTCOME:

- Established Horticultural Unit at KVK, Nagina, Bijnor (U.P.)
- Established High Density Planting of Mango Orchard at Zonal Research Centre, Nagina, Bijnor (U.P.)
- Established Citrus Block at Zonal Research Centre, Nagina, Bijnor (U.P.)
- Established High Density Planting of Guava Orchard at Zonal Research Centre, Ujhani, Budaun (U.P.)
- Established **TISSUE CULTURE UNIT FOR PRODUCTION OF FRUIT PLANTS** at Hi-Tech Centre of Floriculture Building of the University
- Established **MODEL NURSERY FOR PRODUCTION OF MEDICINAL AND AROMATIC PLANTS** at HRC of the University
 - Identified Promising strain of **Papaya P S1** through Selection for commercial cultivation
 - Standardized Propagation Techniques in mango and Soft wood grafting was found superior to Veneer Grafting in Mango
 - Established High Density Planting of Medicine rich fruit plants as Jamun, Karonda, Pomegranate, Moringa, Ber, Baerl, Aanla, Guava, Kinnow, Mulberry, Sapota, at MAP Block of HRC of the University
- Standardized optimum dose of foliar feeding of fermented solution of animal dung on tomato and strawberry plants
- Standardization of chemicals of explants treatments
- Improvement of papaya through Tissue Culture technique
- Micropropagation of banana through callus induction, shoot multiplication and rooting by use of auxins and cytokinins in the media under *in vitro* condition
- Established Nut fruits orchard as Almond, walnut and pecan nut and other temperate fruits as apple, pear, peach, plum ,apricot, olive and citrus orchard at GFRC, Pithoragarh (Uttarakhand) **Extension activities:** Participated in Farmer Fair and Agro-industrial Exhibition and judges exhibits at university level, Conducted farmers' training and guided the farmers on various aspects of horticultural crops