

BRIEF BIO-DATA OF DR. PRABHAT KUMAR

Academic qualifications:

- **Ph.D. (Horticulture)** Floriculture and Landscaping from IARI, New Delhi India with (3.68/4.00) OGPA
- **M.Sc.** Floriculture and Landscaping from Punjab Agril. University, Ludhiana, Punjab India with 8.10/10 OCPA
- **B.Sc. Agriculture Hon'** from C.S.A. Univ. of Ag. & Tech. Kanpur (U.P.) India, with (9.31/10) OCPA.

Employment record & experience:

Designation	Pay scale	Organization/ Institution	Duration
National coordinator, NAHEP(World bank aided project)	37400- 67000RGP- 10000	NAHEP, ICAR	2017 to till date
Principal Scientist (Floriculture&Landscaping)	37400- 67000RGP- 10000	IARI,PUSA,NEWDELHI	2015 to 2017
Senior Scientist(Floriculture&Landscaping)	37400- 67000RGP-9000	IARI,PUSA,NEWDELHI	2013-2015 2 Year, 8 months
Associate Professor (Horticulture)	37400- 67000AGP-9000	HNBGU, Srinagar	2012-2013 01 Year,4 months
Assistant Professor (Senior Scale)	15600-39100 AGP-7000	GBPUAT, Pantnagar	2007-2012 04 Years, 10Months
Assistant Professor	8000-13500	GBPUAT, Pantnagar	28-04-2003-07 04Years

Experience:15 years experience in teaching, research and extention

Innovative research accomplishment:

- Validation of DUS testing guidelines for marigold and developed descriptor.
- **Pusa Deep and Pusa Bahar Marigold** Varieties are identified and released at Institute level.
- **Pusa Sinduri** a gladiolus Varieties is identified and released at Institute level.
- Recommended gladiolus varieties suitable for Tarai region of Uttarakhand
- Standardized package and practices for gladiolus
- Introduce cultivation of Bird of Paradise in Tarai region
- Promoted organic farming in floriculture and recommended 75% RDF+ VAM+PSB
- Pre treatment of corms with Trichoderma for Fusarium wilt management

- Recommended 0.2% micronutrients(Fe, Mn and Zn) in gladiolus
- Recommended spray of GA3 for high flower yield in china aster
- Recommended use of VAM and PSB for high flower yield in china aster
- Collected six species of annual chrysanthemum and evaluated for various traits.
- Gave concept on planting of gladiolus, in this flat planting was recommended to save labour.
- Chemical weed management in gladiolus
- Annual flower seed production through direct seeding

Projects handled- *Fourteen(14)*

Special attainment:

- Guided International Student at Maldives on topic “**Develop integrated package practices on papaya production**”.
- Visited **The Netherlands** as a member of delegation of Uttarakhand.
- Participated in Garden Festival cum Conference on Landscaping in Singapore.
- Visited **Wageningen University** the Netherlands for **PVP Course training**
- Attended monitoring and evaluation workshop at Bangkok, Thailand

Teaching

Courses Taught-

Under Graduate Level:Fundamentals of Horticulture, Ornamental Horticulture and PCP-Floriculture (3),Paper-2Fundamental of landscape design,Paper-3Protected Cultivation of Horticultural crops,Paper-8Breeding and seed production of ornamental and medicinal and aromatics crops,Paper-1Protected and Off Season cultivation of horticultural crops

Post Graduate Level:Landscape Gardening , Nutrition of Ornamental Crops , Post Harvest Physiology of Cut Flowers, Advances in Landscape Design, Advances in Landscape Architecture and Landscaping and Ornamental Gardening (6),SOA/HC 513Advances in floriculture and Landscaping,SOA/HC 512Protected Cultivation of Horticultural crops,SOA/HE 520Advances in breeding of ornamental crops,SOA/HE 519Biotic and Abiotic stress management in horticultural crops,SOA/HE 521Organic horticulture,SOA/HC 601Post harvest physiology of horticultural crops,FLA-611 : Commercial Floriculture,FLA-522 Indoor Plants ,FLA- 501 Fundamentals of Floriculture ,FLA- 502 Landscape Gardening ,FLA- 511 Breeding of Ornamental Plants,FLA-641 Seminar

Major Guide for M.Sc / Ph.D:

M.Sc.-7(Completed)

Ph.D.-1(Completed)

Extension

- **popularization of new technologies-4**
- **training conducted- 18**
- **organization of kisan melas, exhibitions etc.- 16**
- **radio talks / tv shows- 15**

Awards

Fellow(3)- Indian Society of Horticulture Research &Development, Indian Society of Ornamental Horticulture and Confederation of Horticulture Association of India.

Award (2)- Dr. Ambedkar young fellow award -Scientific & Applied Research Centre, Meerut and **Himadri Young Scientist Award-** Indian Society of Horticulture Research & Development

Recognition/important position hold

- Incharge,Media Cell, IARI, Pusa , New Delhi
- Warden,Vasant Hostel, IARI, Pusa , New Delhi
- Assistant Director,Model Floriculture Centre, GBPUA&T, PANTNAGAR
- Assistant Coordinator,International School of Agriculture, GBPUA&T, PANTNAGAR
- Member,Academic council , GBPUA&T, PANTNAGAR
- Co-Staff-counselor,Agri-society, GBPUA&T, PANTNAGAR
- Member,IPR. Cell, GBPUA&T, PANTNAGAR
- Member,Placement advisory committee, GBPUA&T, PANTNAGAR

International exposure- Visited THE NETHERLANDS, SINGAPORE and MALDIVES & Thailand

Seminars, conference, symposia, workshops etc. attended: 22

Trainings attended- 7(National and international)

Editorship of reputed journals:

- Referred editor of **Journal of Ornamental Horticulture**
- Member of editorial board of **Progressive Horticulture**
- Editor of **Journal of Scientific and Applied Research.**
- Editor of **Annals of Horticulture.**
- Associate chief editor of **Hortflora Research Spectrum**

Membership of professional bodies, societies etc.:

- Life member of the **Horticulture Society, PANTNAGAR**
- Life member of **Ornamental Society, IARI, NEW DELHI**
- Life member of **Pantnagar journal of Research, Pantnagar**
- Life member of **Hi-Tech Horticulture Society, Meerut**
- Life member of **SARC Society, Meerut**
- Life member of **Horticulture Society of India.**

Publications:

- research papers- 50(national and international journals of high standard)
- books- 4
- book chapters:- 7
- bulletin- 4
- compendium-5
- popular articles-35

Contact Details-

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