

RESUME OF HEMANT SINGH

Dr. Hemant Singh is Assistant Professor of Biotechnology in the Department of Biotechnology, Faculty of Science, Dr. Ghanshyam Singh P.G. College Soyepur Lalpur Varanasi, Affiliated to Mahatma Gandhi Kashi Vidyapeeth Varanasi (UP), India. He did his Doctoral in Biotechnology and was awarded Ph.D. degree in the year 2013 from Banaras Hindu University (Institute of Science, School of Biotech). He joined as Lecturer of Biotechnology in the Department of Biotechnology, SMWC Varanasi. Later he joined Shershaah Government Engineering College Sasaram Bihar. Currently he is working as Assistant Professor of Biotechnology in the Department of Biotechnology, Faculty of Science, Dr. G. S. P. G. College Varanasi. He is actively engaged in teaching, research and administrating work.



Name : **Dr. Hemant Singh**
Father's name : Sri Digvijai Singh
Date of Birth : 7th January 1979
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Academic Qualifications

Degree	Year	College/ University	Subjects
* Ph.D. (Biotechnology)	2013	School of Biotechnology Institute of Science Banaras Hindu University, Varanasi	Biotechnology
** M.Sc. (Biotechnology)	2004	G.B. Pant Univ. of Ag. & Technology, Pantnagar, U S Nagar, UK (C.B.S.H./M.B.G.E.)	Biotechnology and Molecular Biology
B.Sc.	1999	(U. P. Collage Varanasi)V.B.S. Purvanchal University, Jaunpur	Science
Intermediate (12th)	1995	U P Education Board Uttar Pradesh	Science
High School	1993	U P Education Board Uttar Pradesh	Science

Research Interest: Plant Tissue Culture, Plant Biotechnology, Micropropagation, Cell Culture, Tissue Culture, Plant Genetics.

***Ph.D. thesis:** "In vitro Germplasm conservation of pointed gourd" Under supervision of **Prof. B.D. Singh (B.H.U. Biotechnology)**

****M.Sc. thesis:** "Elongation after cooking in scented rice (*Oryza sativa* L.): Role of proteins" Under supervision of **Dr. U.S. Singh (IRRI South Asia Coordinator)**

Teaching Experience: Ten year teaching experience (M.Sc. ,B.Sc. Biotechnology).

Awards and Fellowship:

Selected in All India Entrance Examination for M.Sc. Biotechnology Programme, year 2001 conducted by Jawahar Lal Nehru University, New Delhi.

Received Meritorious Studentship during M.Sc. programme from Department of Biotechnology (DST), Government of India.

Received Fellowship during Ph.D. programme.

Qualified National Eligibility Test

Research Article/ Seminar/Symposium/Conference:

Hemant Singh Sanjeev Kumar and B.D. Singh (2015); *In vitro* conservation of pointed gourd (*Trichosanthes dioica*) germplasm through slow growth shoot cultures: Effect of flurprimidol and triiodobenzoic acid. **Scientia Horticulturae** 182:41-46.

Anil Kumar Singh¹, Sanjeev Kumar, **Hemant Singh**, Ved Prakash Rai, Brahma Deo Singh and Sudhakar Pandey (2015); Genetic diversity in Indian snapmelon (*Cucumis melo* var. *momordica*) accessions revealed by ISSR markers. **Plant Omics** (POJ) 8(1):9-16.

Sanjeev Kumar, **Hemant Singh**, Vikramaditya Pandey and B D Singh¹ (2016); In vitro multiplication of pointed gourd (*Trichosanthes dioica*) through nodal explant culture, and testing the genetic fidelity of micropropagated plants using RAPD markers

Hemant Singh (2009). Assessment of genetic diversity in Indian snap melon (*Cucumis melo* var. *momordica*) accessions using RAPD markers. National symposium on Environmental threat to human health in 21st century from 16-17 Jan, 2009 at Mahila Mahavidyalaya, Banaras Hindu University, Varanasi.

Sanjeev Kumar, **Hemant Singh** and B.D. Singh (2009). Creation of new gene combinations of pointed gourd (*Trichosanthes dioica*) through embryo culture and conservation of its germplasm using slow-growth techniques. International Conference on Emerging Trends in Biotechnology from 4-6 Dec, 2009 at School of Biotechnology, Faculty of Science, Banaras Hindu University, Varanasi.

3rd International BHU Alumni meet and International Seminar on “Education in the 21st Century and Mahatma’s Vision held at BHU, Varanasi on 6-7 January 2007.

Symposium on “Recent developments in Nano-Materials” organized by DST Nanoscience and technology centre/unit, BHU, Varanasi on March 13-14, 2007.

National symposium on “Improving crop productivity in eco friendly environment; physiological and molecular approaches” at Department of Plant Physiology CBSH Pantnagar, October 15-17, 2003.

Other Qualifications:

Computer Skill: MS Word, Excel, Power Point.

N.C.C. ‘B’ Certificate under the authority of Ministry of Defence, Government of India.

Parasailing Certificate under the authority of Ministry of Defence, Government of India.

References:

1. Prof. B. D. Singh

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2. Dr. U.S. Singh (IRRI South Asia Coordinator New Delhi),

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(Hemant Singh)