

BIO-DATA

Name: Dr. Pradeep Singh
Father's Name: Late Dayaram
Date of Birth: 01-07-1972
Address: Flat No. 203 "PARMESHWARI VIHAR"
2A/28 Azad Nagar, Kanpur-208002
Mobile & email: 945031521, singhpradeep2003@gmail.com
Qualification: M.Sc., Ph.D. (Botany)
Teaching Experience: 16 Years (Both U.G. & P.G.)



Experience

1. Research

- I. Worked as "**Research Scholar**" in Botany Department, **D.A-V. College**, Kanpur from January 1997 to April 1998.
- II. Worked as a "**Junior Research Fellow**" at **Forest Research Institute, U.P.**, Kanpur, from May, 1998 to September 2001.

2. Teaching

1. Worked as "**Lecturer**" in Department of Botany, **D.S.N. (P.G.) College**, Unnao during session 2002-2003.
2. Presently working as "**Assistant Professor**" in Department of Botany **D.B.S. (P.G.) College**, Kanpur since session August 2003.

Publications

Projects Compiled: 02 (List Enclosed)

Abstracts: 28 National & International (List Enclosed)

Full Length Papers: 12 National & International (List Enclosed)

Short Communications: 02 (List Enclosed)

Seminars/Workshops Attended: 30 National & International (List Enclosed)

Academic/Educational Visits: 05 (List Enclosed)

Membership

1. Life Member of Indian Science Congress, Kolkata.
2. Member of Editorial Board "SCITECH" National Journal
3. Life Member of Indian Botanical Society. Jaipur
4. Life Member of Society for Tropical Plant Research. Lucknow

Felicitation

Received "Shishak Ratna Samman" on Teacher's Day in year 2015 by Sitting MLC of the Constituency

Educational Qualification

Title of Ph.D. Thesis: Studies on Nutrient Dynamics and Biomass of *Dendrocalamus strictus* Nees (C.S.J.M., University, Kanpur in Year 2002)

M.Sc.: From CSJM University, Kanpur, India in 1997, with 1st Div. in Botany

B.Sc.: From Kanpur University, Kanpur, India in 1993 with Botany, Zoology

Intermediate: From U.P. Board, Allahabad, India in 1989, with Bio-group

High School: From U.P. Board, Allahabad, India in 1987 with Bio-group.

LIST OF PUBLICATIONS

PROJECTS COMPILED

1. "Tree Improvement of *Dalbergia sissoo*". Submitted to ICFRE, Forest Research Institute, Dehradun. (2001).
2. "Assessment of sissoo mortality in Eastern U.P.". Submitted to ICFRE, Forest Research Institute, Dehradun. (2001).

ABSTRACTS:

1. Singh Pradeep and **Srivastava Satyendra Kumar** (2014). Plant leaf a pollution monitoring device, ***National Seminar on Impact of Modern Agriculture on Environment***, Organised by Dept. of Botany, R.S. Government College, Shivrajpur, Kanpur. 15 February 2014, pp. 56.
2. Singh Pradeep, **Srivastava Satyendra Kumar** and Kishore Sharad, (2013). Variability in growth parameters of *Dendrocalamus strictus*, ***Workshop on Environmental Degradation : Anthropogenic problems and their prospects***, Organised by Faculty of Science, Harsahai P.G. College, Kanpur, pp. 8.
3. Singh Pradeep, **Srivastava Satyendra Kumar** and Mohan J. (2011). Growth of *Pedilanthus tithymaloides* plants as influenced by Tannery effluents. National Seminar on ***Sustainable Agriculture and Environmental Health : Problem and Solution***. Organised by R. S. Government College, Shivrajpur, Kanpur. 19 February 2011.
4. Singh Pradeep, Mohan J. and **Srivastava Satyendra Kumar** (2011). Correlation studies on dry matter biomass of *Dendrocalamus strictus* in pre and post monsoon sampling. **XXXIV All India Botanical Conference**, Organised by Dept. of Botany, University of Lucknow. 10-12 October 2011, **Section-VI**, Abst. No. **P.VI.29** : 244.
5. **Srivastava Satyendra Kumar** and Singh Pradeep (2011). Estimation of crude protein at pre and post monsoon sampling of *Dalbergia sissoo* (Roxb.) plants. **XXXIV All India Botanical Conference**, Organised by Dept. of Botany, University of Lucknow. 10-12 October 2011, **Section-VII**, Abst. No. **O.VII.19** : 266.
6. Singh Pradeep and **Srivastava Satyendra Kumar** (2011). Role of Plants in relation to air pollution. National Seminar on ***Changing Environment : Present Scenario and Its Conservation***. Organised by Dept. of Botany, D.B.S. College, Kanpur. 01-02, December 2011, pp135.
7. Kishore Sharad, Kishore Ashish, **Srivastava Satyendra Kumar** and Singh Pradeep (2011). Effect of initial moisture content and different containers on quality

of *Mustard (Brassica juncea Czern and Coss)* National Seminar on ***Changing Environment : Present Scenario and Its Conservation***. Organised by Dept. of Botany, D.B.S. College, Kanpur. 01-02, December 2011, pp141.

8. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2008). Biomass and Nutrient Dynamics in *Dalbergia sissoo* (Roxb.) Plantation. II. Dry Biomass. 95th Indian Science Congress, 3-7, January, Visakhapatnam. Section-XIV Plant Sciences, Abst. No. 161: 95.
9. Singh Pradeep, **Srivastava Satyendra K.**, , and Dubey P. (2008). Genetic Diversity of *Dendrocalamus strictus*. 95th Indian Science Congress, 3-7, January, Visakhapatnam. Section-XIV Plant Sciences, Abst. No. 61: 35-36.
10. **Srivastava Satyendra K.** and Singh Pradeep, (2007). Influence of Blue Green Algae as Biofertilizer on Growth and Composition of Asgandh Plants. **XXXth Botanical Conference (IBS)** on Emerging Trends in Plant Science: Biodiversity, Biotechnology & Environmental Conservation” Organised by School of Studies in Botany, Jiwaji University, Gwalior (M.P.), Abst. No. S2.22: 64.
11. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2006). Biomass and Nutrient Dynamics in *Dalbergia sissoo* (Roxb.) Plantation. I. Chlorophyll. **93rd Indian science Congress**, 3-7, January, Hyderabad, Section-I Agriculture and Forestry Sciences, Abst. No. 119: 85 pp.
12. Singh Pradeep, **Srivastava Satyendra K.** and Dubey P. (2006). Genetic Variability of *Dendrocalamus strictus*. **93rd Indian science Congress**, 3-7, January, Hyderabad, Section-I Agriculture and Forestry Sciences, Abst. No. 133: 95
13. Mohan N., Mohan J., Singh Pradeep **Srivastava Satyendra K.** and Mohan. J. (2005). Medicinal and Ethnobotanical flora of Kanpur (U.P.): “Herbs and Shrubs”. **National Seminar on New Horizons in Biosciences**. 29-30, November, at D. G. College, Kanpur, pp. 71.
14. Dubey, J. P. and Singh Pradeep (2005). Aquatic Macrophytes of Kanpur. U.P. **National Seminar on New Horizons in Biosciences**. 29-30, November, at D. G. College, Kanpur, page no. 85.
15. Singh Pradeep, **Srivastava Satyendra K.** and Dubey P. (2005). Evaluation of genetic variability in different traits of *Dendrocalamus strictus* at nursery stage. **92nd Indian science Congress**, Ahamdabad., Abst. No., 135: 88 pp.
16. Singh Pradeep, Dubey P. and Jha, K. K. (2004). Biomass production and carbon storage at harvest age in superior *D. strictus* plantation in dry deciduous forest region of India. **VII World Bamboo Congress**, New Delhi, Abst no. 233 : 122 pp.
17. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2004). Evaluation of source variation on different seedling traits of *Dalbergia sissoo*. National seminar on **“Recent Emerging Trends in Plant Sciences”** held at 11-12 Dec., at D.A-V. College, Kanpur. Section-V, pp. 64.
18. Singh Pradeep, **Srivastava Satyendra K.** and Dubey P. (2004). Genetic variability of *Dendrocalamus strictus* at nursery stage **National seminar on “Recent Emerging Trends in Plant Sciences”** held at 11-12 Dec., at D.A-V. College, Kanpur. Section-V, page no 65.
19. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2004). Seed source variation

- in different seed traits of *Dalbergia sissoo*. **74th Annual Session of the National Academy of Sciences**. 2- 4 Dec., Jaipur, Abst. no. 91, 61 pp.
20. Singh Pradeep, **Srivastava Satyendra K.** and Dubey P. (2003). Variation in growth performance of *Dendrocalamus strictus* at nursery stage. **73rd Annual Session of the National Academy of Sciences**. 10-12 Oct., Ahmedabad, Abst. no. 7, 38 pp.
 21. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2003). Source Variation in growth traits of *Dalbergia sissoo* seedlings. **73rd Annual Session of the National Academy of Sciences**. 10-12 Oct., Ahmedabad, Abst. no. 44, 59 pp.
 22. **Srivastava Satyendra K.**, Singh Pradeep, Srivastava Surendra K., Mohan J., and Mohan N. (2003). Growth and Composition of Medicinal Plant *Asgandh* Influenced by Blue Green Algae as Biofertilizer. **2nd World Congress on Biotechnological Developments of Herbal Medicine**. February 20-22. N.B.R.I., Lucknow. Session-I, Poster no. 9, 109 pp.
 23. Mohan N., Mohan J., **Srivastava Satyendra K.**, Singh Pradeep and Gupta S (2002). Influence of fertilizer effluent on growth and composition of *Oscillatoria tenuis*. **72nd Annual Session of the National Academy of Sciences**. 25-27 Oct., Abst. no. 52: 65-66 pp.
 24. Mohan N., Mohan J., **Srivastava Satyendra K.**, Gupta S and Singh Pradeep (2002). Effect of Tannery Effluent on *Oscillatoria*. **2nd International Conference on Plants and Environmental Pollution (ICPEP-2)**, 4-9 Feb. Lucknow. Abst. No. S IV/P-52: 78-79 pp.
 25. Mohan N., Mohan J., **Srivastava Satyendra K.** and Singh Pradeep (2002). Influence of Biofertilizer on Growth and Composition of Tomato plants. **89th Session of the Indian Science Congress**, 3-7 Jan., Lucknow. Abst. no. 94: 68-69 pp.
 26. Mohan N., Mohan J., Singh Pradeep **Srivastava Satyendra K.** and Gupta Somesh (2001). Growth and Composition of Fruit of Tomato Plants as Influenced by Biofertilizer. **71st Annual Session of the National Academy of Sciences** 5-7 Oct., Pune, Abst. no. 5: 21 pp.
 27. Srivastava R.J., **Srivastava Satyendra K.** and Singh Pradeep (2001). Trees to Curb Environmental Pollution. **71st Annual Session of the National Academy of Sciences**. 5-7 Oct., Pune, Abst. no.10: 24 pp.
 28. Dubey P., **Srivastava Satyendra K.**, Shringirishi N., Shukla N.K. and **Singh P.** (2001). *Guazama ulmifolia* Lam., A new Host of *Ganoderma lucidum*. **27th Annual Meeting of Mycological Society of India and International Symposium on Frontiers of Fungal Diversity and Diseases in South East Asia** held on Feb. 9-11, at Gorakhpur. Abst. No. TS-3/O-9: 60 pp.

PAPERS:

1. Singh Pradeep and **Srivastava Satyendra K.**, (2013). To evaluate some nutrient contents in leaves of selected *Dendrocalamus strictus* CPCs., **Scitech**, 8 (2):29-31.
2. Srivastava Satyendra Kumar, Singh Pradeep and Kishore Sharad, (2012). Estimation of Nitrogen content in *Dalbergia sissoo* plants at pre and post monsoon season. **Scitech**, 7 (2):69-72.

3. **Srivastava Satyendra Kumar** and Singh Pradeep (2011). Climate Change : Impact and Solutions. National Seminar on ***Changing Environment : Present Scenario and Its Conservation***. Organised by Dept. of Botany, D.B.S. College, Kanpur. 01-02, December 2011. 17-18.
4. **Srivastava Satyendra Kumar** and Singh Pradeep (2010). Effect of Blue Green Algae as Biofertilizer on yield and composition of Asgandh Plants. ***Trends in Biosciences***.3 (1): 74-75.
5. Singh Pradeep, **Srivastava Satyendra K.**, , and Dubey P. (2008). To analyse the growth Variation in *Dendrocalamus strictus* at nursery stage. ***Dayanand Journal of Sciences***. 1 (1): 19-22.
6. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2008). Estimation of genetic variability and heritability among seedling traits of *Dalbergia sissoo*. ***Dayanand Journal of Sciences***. 1 (1): 23-27.
7. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2007). Analysis of source variation in different seed traits of *Dalbergia sissoo*. ***Scitech 2*** (2): 81-84.
8. Singh Pradeep, **Srivastava Satyendra K.**, Kumari Niwedita, Srivastava R. J. and Dubey P. (2004). Genetic Variability and selection parameters in *Dendrocalamus strictus*. ***Journal of Tropical Forest Science, Malaysia***,16 (4) : 413-418 pp.
9. Singh Pradeep and **Srivastava Satyendra K.**, (2004). "Nakshatra Vrakshoo Ka Ropan". Proceeding of Convocation magazine "**Vivitsa**" of D.B.S. College. 37-38 pp.
10. Singh Pradeep, **Srivastava Satyendra K.**, Srivastava R. J., Mohan N and Dubey P. (2003). Estimation of heritability and genetic gain in growth parameters of *Dendrocalamus strictus* at nursery stage. ***Plant and Nature*** 21 (1): 14-18 pp.
11. **Srivastava Satyendra K.**, Dubey Ramesh C., Singh Pradeep and Dubey P. (2003). Selection, Establishment and Evaluation of Seed Production Area of *Dalbergia sissoo* Roxb. ***Plant and Nature*** 21 (1): 46-50 pp.
12. Kumari Niwedita, Singh Pradeep, Srivastava, R. J., Mishra, C. M, Dubey, P and Burfal, B.S. (2001). Using Genetic Diversity of *D. strictus* Nees. For increasing productivity of Bamboo plantation in Vindhyan region of U.P., ***Indian Forester***, 127 (12): 1343-47 pp.

Short Communications

1. **Srivastava Satyendra K.**, Singh Pradeep, and Dubey P. (2007). **Causes for wilting of *Dalbergia sissoo***. (2007). Proceedings of National Seminar on Plants and Human Welfare: Past to Present. Organised by Dept. of Botany, D.B.S. College, Kanpur. 24th Dec. 2007.
2. Singh Pradeep, **Srivastava Satyendra K.**, and Dubey P (2007). **Bamboo: A versatile grass**. (2007). Proceedings of National Seminar on Plants and Human Welfare: Past to Present. Organised by Dept. of Botany, D.B.S. College, Kanpur. 24th Dec. 2007.

SYMPOSIUMS / SEMINARS/ WORKSHOPS ATTENDED:

1. Northern Regional Workshop on Wetlands Biodiversity: Restoration and Survival. Organized by Dept. of Botany, D.B.S. College, Kanpur. November 17, 2016.

Sponsored by Wetlands International & Forest and Wildlife Dept. U.P.

2. Seminar on Arts, Science & Teacher Education. Organised by S.J. Mahavidyalaya Ramaipur. October 24, **2016**
3. National Seminar on Ganga Pollution: Analysis and Remedies. Organized by Dept. of Chemistry, D.A-V. College, Kanpur. October 7-8, **2016**. Sponsored by University Grant Commission, New Delhi.
4. National Seminar on Biodiversity Conservation and Sustainable Development. Organized by Dept. of Botany, Brahmanand College, Kanpur. January 20, **2016**. Sponsored by University Grant Commission, New Delhi.
5. Seminar and Quiz on Herbs for Health . Organized by Dept. of Botant, S.N. Sen B.V.P.G. College, Kanpur. December 2, **2015**. Sponsored by National Botanical Research Institute Lucknow.
6. Faculty Training, Motivation and Adoption of School and College Programme. Organised by National Botanical Research Institute Lucknow. November 27-28, **2015**.
7. National Seminar on Impact of Present Environment on Biodiversity of Rural Area. Organized by Sri Shakti Degree College, Ghatampur Kanpur. February 21-22, **2015**.
8. National Seminar on Science and Technology for Human Development. Organized by Indian Science Congress Association, Kanpur Chapter in Collaboration with Dept. of Zoology,D.G. College and D.A-V. College Kanpur. December 8-10, **2014**.
9. National Seminar on Opportunities and Challenges of the Institutional Library in Rural Area. Organized by Sri Shakti Degree College, Ghatampur Kanpur. October 5-6, **2014**. Sponsored by National Assessment and Accrediation (NAAC), New Delhi.
10. **National Seminar on Impact of Modern Agriculture on Environment**, Organised by Dept. of Botany R.S. Government College, Shivrajpur, Kanpur, on 15 February **2014**.
11. ***Workshop on Environmental Degradation : Anthropogenic Problems and their prospects***, Organised by Faculty of Science, Harsahai PG College, Kanpur, on 23 January 2013..
12. **100th Session of Indian Science Congress**, 3rd –7th January **2013**, Kolkatta .
13. National Seminar on "***Science for Shaping the Future of India***" part of Centenary Celebrations of ISCA, Organised by Indian Science Congress Association, Kanpur Chapter, Dept. of Zoology D.A-V. and D.G. College, Kanpur. 03-04, December 2012.
14. National Seminar on ***Changing Environment : Present Scanario and Its Conservation***. Organised by Dept. of Botany, D.B.S. College, Kanpur. 01-02, December **2011**.
15. National Seminar on ***Sustainable Agriculture and Environmental Health : Problem and Solution***. Organised by R. S. Government College, Shivrajpur, Kanpur. 19 February **2011**.
16. National Seminar on ***Green Chemistry (NSGC-2010)*** , Organised by Dept. of Chemistry, D.A-V. College, Kanpur. 14-15, December **2010**.
17. National Seminar on ***Global Climate Change : Frontier Research in Biological Sciences***" Organised by Department of Life Sciences, Dibrugarh University, Dibrugarh (Assam). 12 February **2010**.
18. National Seminar on ***Recent Trends in Biological Scenario***", Organised by Dept. of Botany, Dayanand Girls PG College, Kanpur. 03, December **2009**.

19. National Seminar on ***“Environmental Degradation and Biodiversity : Problems & Prospects”***, Organised by Dept. of Botany, D.A-V. College, Kanpur. 29-30, November **2009**.
20. National Seminar on ***“Plants and Human Welfare : Past to Present”***, Organised by Dept. of Botany, D.B.S. College, Kanpur. 24, December **2007**.
21. **XXX Annual Conference of the Indian Botanical Society**, Organised by School of Studies in Botany, Jiwaji University, Gwalior (MP). 28-30, November 2007.
22. National Seminar on ***“Innovation in Biosciences”***, Organised by Dept. of Zoology, D.B.S. College, Kanpur. 11-12, December **2006**.
23. National Seminar on ***“New Horizon in Biosciences”***. 29-30, November, 2005 at D.G. College, Kanpur.
24. **Recent Emerging Trends in Plant Sciences”** held at 11-12 Dec. **2004** at D.A-V. College,
25. Annual Session of the **National Academy of Sciences**. October,10-12, **2003** at Ahmedabad.
26. **89th Session of Indian Science Congress**, 3rd –7th January **2002**, Lucknow U.P.
27. 27th Annual Meeting of Mycological Society of India and International Symposium on ***“Frontiers of Fungal Diversity and Diseases in South East Asia”*** February 9-11, **2001**, Gorakhpur.
28. 70th Annual Session of **The National Academy of Sciences India** (November 3 to 6, **2000**). Allahabad.
29. Workshop on **“Culling of Seedlings in Nursery”** 10-11 May **2000**. Organised by Center for Forestry and Natural Resource Management Development, Haldwani.
30. **“Orientation Workshop”** 27-28 January **1999**. Organised by Seed and Research Circle, U.P. Under U.P. Forestry Project Funded by World Bank. Lucknow.

Academic /Educational Visits

- I. F.R.I., Dehradun
- II. B.S.I.P., Lucknow
- III. C.I.M.A.P., Lucknow
- IV. N.B.R.I., Lucknow
- V. I.A.R.I., New Delhi
- VI. I.F.P., Ranchi