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Dr. Surender Singh Yadav

Lecturer

Department of Botany

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A) Academic Qualification:

Exam passed	Board/University	Session	Roll No	Percentage	Division
<i>Matric</i>	<i>B.S.E.H, Bhiwani</i>	<i>1993-94</i>	<i>631035</i>	69.83	1st
<i>10+2</i>	<i>B.S.E.H, Bhiwani</i>	<i>1995-96</i>	<i>733311</i>	63.50	1st
<i>B.Sc.</i>	<i>K.U. Kurukshetra</i>	<i>1996-99</i>	<i>579248</i>	63.40	1st
<i>M.Sc.(Botany)</i>	<i>K.U. Kurukshetra</i>	<i>1999-01</i>	<i>248262</i>	67.60	1st
<i>B.Ed.</i>	<i>M.D.U. Rohtak</i>	<i>2001-02</i>	<i>169891</i>	64.22	1st
<i>N.E.T.</i>	<i>C.S.I.R.-New Delhi</i>	<i>2002-03</i>	--	--	--
<i>Ph.D.</i>	<i>P.U. Chandigarh</i>	<i>2007</i>	--	--	--

Title of the Ph.D. Thesis: Ecological Status of Medicinal and Aromatic Plants of Haryana State

Field of specialization: Ecology, Ethnobotany, Science Popularization.

Publications: Published 8 research papers in peer reviewed international & national journals.

List of Publications

- 1) Yadav, S.S. (2009).** Haryana ki Vanaspati: Mahatva, Viluptikaran or Sanrakshan. Encyclopedia of Haryana, Vani Publication, New Delhi.
- 2) Singh, H.P., Batish, D.R, Mittal, S., Yadav, S. and Kohli, R.K. (2008).** Constituents of Leaf Essential Oil of *Mentha longifolia* from India. *Chemistry of Natural Compounds (USA)* Vol. 44 (4): 528-529 **Impact Factor: 0.442**
- 3) Singh, H.P., Batish, D.R, Kohli, R.K., Mittal, S. and Yadav, S.S. (2008).** Chemical composition of essential oil from leaves of *Chenopodium ambrisoides* from Chandigarh, India. *Chemistry of Natural Compounds (USA)*. Vol. 44 (3): 378-379 **Impact Factor: 0.442**

- 4) Batish, D.R., Singh, H.P., Kaur, M., Kohli, R.K. and **Yadav, S.S.** (2008). Caffeine affects morphogenetic response and causes biochemical changes in the hypocotyls cuttings of mung bean (*Phaseolus aureus* Roxb.). *Acta Physiologiae Plantarum. (Germany)* Vol. 30 : 401–405 **Impact Factor:** 0.295
- 5) Batish, D.R., Singh, H.P., Kaur, S., Kohli, R.K. and **Yadav, S.S.** (2008). Caffeic acid affects germination, early growth and morphogenetic response of hypocotyl cuttings of mung bean (*Phaseolus aureus*). *Journal of Plant Physiology (USA)* Vol. 165(3): 297-305 **Impact Factor:** 2.239
- 6) Batish, D.R., Singh, H.P., Setia, N., Kohli, R.K., Kaur, S. and **Yadav, S.S.** (2007). Alternative control of littleseed canary grass using Eucalypt oil. *Agronomy for Sustainable Development (France)*. Vol. 27: 1-7 **Impact Factor:** 1.000
- 7) Batish, D.R., Singh, H.P., Kohli, R.K., Kaur, S., Saxena, D.B, and **Yadav, S.** (2007) Assessment of the phytotoxicity of Parthenin. *Zeitschrift fur Naturforschung (Germany)* Vol. 62c: 367-372 **Impact Factor:** 0.756
- 8) Batish, D.R., Singh, H.P., Kohli, R.K., Johar, V. and **Yadav, S.** (2004). Management of Invasive Exotic Weeds requires community participation. *Weed Technology (USA)*, Vol. 18: 1445-1448. **Impact Factor:** 0.858
- 9) **Yadav, S.S.**, Kohli, R.K., Batish, D.R. and Singh, H.P. (2004). Ecological Status of *Calotropis procera* (Ait.) R. Br. in different parts of Haryana State. *Bulletin of Biological Sciences*, Vol. II pp. 126-129.
- 10) **Yadav, S.S.**, Kohli, R.K. and Batish, D.R. (2004). Ecological Status of medicinal plants in Rewari district, Haryana. *Bulletin of Environmental Sciences*, Vol. XXII pp. 1000-1005.

Conferences/ Seminars/ Workshops Attended

- 1) Zonal seminar on “**Abiotic Stress Tolerance in Plants- Physiological and Molecular Approaches**” organized by Centre for Plant Biotechnology, Hisar on December 05, 2009.
- 2) Organized National Seminar on “**Biodiversity: Concerns and Solutions**” at Maharshi Dayanand University, Rohtak on November 20, 2009.
- 3) International Conference on “**Plant Invasion and Forest Ecology: Concerns and Solutions**” at Panjab University, Chandigarh on March 16-18, 2009.
- 4) International workshop “**Working effectively at the interface of Forest Science and Forest Policy**” at Panjab University, Chandigarh on March 14-15, 2009.
- 5) National Seminar on “**Climate Change: Science, Impact and Future**” held at Panjab University, Chandigarh on February 09, 2009.
- 6) National Seminar on “**Biological Sciences: Current Perspective**” held at Pt. NRS Govt. College, Rohtak (Haryana) on March 12-13, 2008.
- 7) Interactive Meet on “**Motivation of Youth in Science**” on the occasion of India-European Union Ministerial Science Conference on February 8, 2007, New Delhi.
- 8) Seminar on “**Medicinal Plant Conservation- Capacity Building for Teachers and Students**” organized by **WWF-India** at PSCST dated May 30, 2006, Chandigarh.
- 9) National Seminar on “**Biodiversity with Special Reference to Land Use Pattern**” organized by Centre for Environment and Vocational Studies, P.U. Chandigarh dated March 28, 2006.
- 10) National Seminar on “**Mass Awareness and Environment Education Programme on oil conservation- A Non-renewable energy resource**” at Govt. College for Girls, Sector 11, Chandigarh dated February 3, 2006.

- 11) Computer Training organized by Microsoft India under “**Project Shiksha-Partners in learning**” for Teachers at Paota, Jaipur dated October 28 to November 9, 2004.
 - 12) International Workshop on “**Recent Trends in Environmental Science**”, Jamia Hamdard University, New Delhi dated April 24-26, 2004. **Presented Paper entitled Ecological status of Medicinal plants of District Bhiwani (Haryana).**
 - 13) National Seminar on “**Ecology and Environment Management: Issues and Research Needs**”. Kurukshetra University, Kurukshetra dated January 8-9, 2004. **Presented Paper on Medicinal Plants of Rewari District, Haryana.**
 - 14) The **91st Annual session of Indian Science Congress Association**. Panjab University, Chandigarh dated January 3-7, 2004.
 - 15) National workshop on “**Emerging trends in Research and Business Management of Medicinal and Aromatic Plants**”, CCS Haryana Agriculture University, Hisar dated March 11-13, 2003.
 - 16) National Seminar on “**India in the Antarctic-Challenges and Opportunities for 21st Century**”. Panjab University Chandigarh dated February 3-4, 2003.
- Awards and Honours**
- **Awarded DS Kothari Postdoctoral Fellowship by University Grants Commission**
 - **Junior Scientist of Year 2006 by National Environmental Sciences Academy, New Delhi**
 - First Position in Debate at National Level.
 - First Position in Haryana State in Biology Quiz Contest.
 - First Position in **G. K. Quiz** in Kurukshetra University

Invited / Extension Lecture Delivered

Delivered more than 20 extension lectures.

Member of Professional Bodies / Academies

- Life Member of Society of Environment Scientists (SES), India
- Life Member of National Environment Science Academy (NESAs), New Delhi
- Life Member of Society for Education and Environment Development (SEED), Haryana.

Positions Held:

- Programme Officer, Youth Red Cross, University Teaching Department, Maharshi Dayanand University, Rohtak (2009-continue)
- Science Quiz Master cum Technical Expert for DST (HSCST), Government of Haryana for conducting science quiz and other extension activities in Haryana (2006- continuing).
- Convener, Society for Education and Environment Development (SEED), a registered non government organization of Haryana (2006 – continue).
- President of Biological Society, Dayanand College, Hisar (1998-99).