

RESUME



Personal Detail

Name : DR. Shiv Shankar Yadav

Father Name : Mr B. Yadav.

Date of Birth : 4th March 1981.

Academic Qualification

- **Doctorate Degree in Environmental Science, Botany Department, Lucknow University, 2014.**
- **Post Graduate Diploma in Environmental protection Law from Lucknow University, 2004.**
- **Post Graduate Diploma in Rural Development, IGNOU, 2018.**
- **Post Graduate Diploma in Industrial safety and Occupational health management, 2022**
- **Post Graduation in Environmental Science from Lucknow University, 2004.**
- Graduate in B.Sc from Lucknow University, 2002.
- Schooling from H.A.L. School, Lucknow.

Other Qualification

- Certificate in Disaster Management from IGNOU.
- COPA (Computer operator and Programme Assistant)

Extra-Curricular Activities

- Participated in cultural programmed in national seminar on “Enhancement of Environment Status through Better Management and Techniques” (Jan, 24-25, 2003).
- Awareness programmed in N.B.R.I to celebrate “World Environmental Day” 2003 at Eco-Education Hall.

Project Undertaken During M.Sc.

- Project on “**Water pollution and chemical analysis of Gomti River**”- M.Sc-II semester under the supervision of Prof. P.K. Tandon, Lucknow University, Lucknow.

- Project work on “**Study of Waste Water Treatment and temperature effect on B.D.O. stabilization**”- M.Sc-IV semester under supervision of Prof. P.K.Tandon, Lucknow University, Lucknow.

Research Experience.

- **Work as a Research fellow in project entitle “Physiological and biochemical evaluation: Indicative of nutrient status in plants” from Lucknow University during 2006-2009.**
- **Thesis entitles “Toxicity of nickel in plants and its interaction with certain micronutrient” , 2014**

Detail of Publication- Research Paper, Book and Abstract

- **Yadav, S. S.** (2005). Phytoremediation. *Enviro-talk.*, 4 (3): 8-9.
- **Yadav, S. S., Saini, S., Sharma, Y.K.** (2007). Manipulation of chromium toxicity in early seedling growth of cucumber. *J. Appl.Biosci.*, 33(2): 137-140.
- **Yadav, S. S., Verma, A., Saini, S., Sharma., Y. K.** (2007). Likely amelioration of chromium toxicity by Fe and Zn in Maize (*Zea mays*). *J. Ecophysiol.ocuup.Hlth.*, 7: 111-117.
- **Saini, S., Shukla, R., Yadav, S. S., Sharma, Y. K.** (2008). Biodiversity and current status of some dicot plants in Lucknow District of Uttar Pradesh. *Res.Environ.Life Sci.*, 1(1): 21-24.
- **Yadav, S. S., Singh, V. P., Verma, A., Sharma, P and Sharma, Y. K.** (2008). Micro-nurtient based approach to reduce nickel toxicity in spinach (*Spinacia oleracea. L.*). *Res. Environ. Life Sci.*, 1(2): 73-76
- **Giri, A. N., Verma, A., Yadav, S. S., Chaudhary, S., Sharma, Y. K.** (2008). Accumulation of heavy metals (Cd, Cr, Ni, Co, Cu, and Fe) in various parts of *Zea mays* treated with asbestos effluents. *Res.Environ.Life sci.*, 1(3): 109-112.
- **Yadav, S. S. and Sharma, Y. K.** (2008). Phytoremediation, a Modern Technology in Improving the Environment: Role of Plants in removing the heavy Metals from soil. *In: proceeding of U.G.C sponsor national seminar on multidisciplinary approach to environment.* pp 87-93.
- **Yadav, S. S., Shukla, R., Sharma, Y. K.** (2009). Nickel toxicity on seed germination and growth in radish (*Raphanus sativus*) and its recovery using copper and boron. *J. Environ. Biol.*, 30(3): 461-466.
- **Yadav,S.S., Soni,M., Sharma,Y.K.** (2016). Toxic level of Ni and its combination with micronutrient (B and Cu) on antioxidative enzymes and synthesis of sugar and protein in brinjal (*Solanum melongena L.*) metabolism. *Trop.Plant Res.*, 3(2):375-379.

- **Yadav, S.S.**, Soni, M., Sharma, Y.K. (2017). Effect of varying concentration of Nickel on Spinach (*Spinacia oleracea* L.) metabolism and recovery of damage using boron and copper. *Res. Environ. Life Sci.*, 10(3): 235-238.
- **Yadav, S.S.** (2019). Nickel toxicity on Maize (*Zea Mays* L.) plant and amelioration through Boron and copper. *Res. Env. Life Sci.*, 12(2):82-88.
- **Yadav, S.S.** (2020). Effect of excess Ni concentration on pigments in radish (*Raphanus sativus*) and recovery of damage through B and Cu. *Res. Env. Life Sci.*, 13(4):69-72.

Chapter in Book

- **Yadav, S. S** and Sharma, Y. K. (2009). Modulation of nickel toxicity concerned pigmentation in Brinjal (*solanum melongena*) using certain micronutrients (Copper and boron). *In: Envi. Toxicol.* (Chapter-19) Ed- Trivedi, S.P., Jaiswal, K., Pandey, B.N. and Shukla, J. P. APH Publishing Corporation, New Delhi. pp-172-181.

Abstracts

- **Yadav, S. S.**, Sharma, Y. K. (Jan 3-7, 2007). Manipulating the chromium toxicity in early seedling growth stage in cucumber. *In: Environmental Section of 94th Indian Science Congress held in Annamalainagar, Chidambaram.* p.p.15.
- Verma, A., **Yadav, S. S.**, Sharma., Y. K. (Jan 3-7, 2009). Nickel toxicity and use of iron as an ameliorant in Pea (*Pisum sativum*) seedling. *In: Plant Science section of 96th Indian Science Congress held in Shillong, Meghalaya.* p.p. 45.
- **Yadav, S. S.**, Sharma, Y. K. (Jan 3-7, 2013). Effect of Boron and Copper on Nickel inhibited growth in Radish (*Raphanus sativus*) *In: Environmental Science section of 100 Indian Science Congress held in Kolkata.* p.p. 191.

Paper Presented

- **Yadav, S. S.**, Sharma., Y. K. (Dec. 7-9, 2007). Modulation of nickel toxicity concerned pigmentation in Brinjal (*solanum melongena*) using certain micronutrients (Copper and boron). *In: 18th All India Congress of Zoology held at Lucknow University.*

- **Yadav, S. S.**, Sharma, Y. K. (Nov. 5-6, 2008). Phytoremediation, a modern technology in improving the environment: Role of plants in removing the heavy metals from soil *In*: U.G.C sponsored National Seminar on “Multidisciplinary Approach to Environment” held at Fateh Chand College for Women (Lahore), Hisar-Haryana.
- **Yadav S. S.**, Sharma, Y. K. (Dec. 29-31, 2011.). Effect of varying concentration of Ni on Spinach (*SPINICIA OLERACEA L.*) metabolism and Recovery of its damage using B and Cu. *In*: 22nd All India congress of Zoology on “Biological Science: Biodiversity and Human welfare” Dept. of Zoology, University of Lucknow, Lucknow.
- **Yadav, S. S.**, Hamid, S., Sharma, Y.K. (Feb. 15-16, 2009). Nutrient based management of tannery effluent for irrigation *In*: National Conference on Recent Advances in Ecophysiology of Fishes held at Dept. of Zoology, R.H.S.P.G College, Singramau, Jaunpur.
- Soni, K. M., **Yadav, S.S.**, Lohani, N., Sharma, Y.K. (Feb. 16-17, 2019). Biochemical Changes of maize and Gram under Salt Stress *In*: National conference on Frontiers in Environment, Health and Biosciences at Institute of Biosciences and Biotechnology, CSJM University, Kanpur, UP.

Poster Presented

- **Yadav, S. S.**, Sharma. (March 2-4, 2012.). Effect if Ni and its combination with B and Cu on antioxidative enzymes and synthesis of sugar and protein in brinjal (*SOLANUM MELONGENA*) metabolism. *In*: **National seminar on “Environmental concerns and Sustainable development: Issue and challenges for India”** Inst. of Env. and sustainable Development, BHU, Varanasi.
- **Yadav, S.S.**, (Nov. 23-24, 2015). Micronutrient (Boron and Copper) Base Remedial Technology to Overcome the Toxic Potency of Nickel in Brinjal (*Solanum melongena*) and Spinach (*Spinacia oleracea L.*).*In*: **“Climate Change and Sustainable Development: Emerging Issues and Mitigation Strategies”** Department of Environmental Science Babasaheb Bhimrao Ambedkar (Central) University Lucknow, U.P., India.

Research Experience

Designation	Institution	Duration	Department
Project Fellow	Lucknow University	15 May 2006 to 14 May	Botany Department

		2009 (3 year)	
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Teaching / Academic Experience

Designation	Institution	Duration	Department
Assistant Professor	P.M.S Degree College, Barabanki (U.P) (RML Avadh University).	17 July 2009- 16 July 2012 (3 Year)	Botany Department
Junior Editor	Research for Environment Protection (SEP)	01 August 2012 to 30 November 2013 (1 year 3 month)	Research Journal
Assistant Professor	Sai P. G. College, Fetehpur, Barabanki, Uttar Pradesh	17 December 2021-16 November 2022 (11 month)	Botany Department

Industry Experience

Designation	Institution/organization	Duration	Department
Environment officer (Nodal safe drinking officer)	Sahara India	02 Dec 2013 – 6 Jan. 2018 (4-year 1 month)	Under VEDAS project in CSR (Corporate social responsibility) Department.
Environment Specialist	Pro Poor Tourism Development Project funded by World Bank	8 January, 2018-7 January, 2021 (3-year)	U. P. Tourism Department
Senior Project Coordinator	Mobius Foundation	11 August 2021- 07 December 2021 (3 month 26 days)	Project Development

Present Working

Designation	Institution/organization	Duration	Department
Assistant Professor	Babu Banarasi Das University, Lucknow, U.P.	Still Working (2.5 years)	Chemistry Department (Environment Science)

Total Experience- 17 years 6 month

To the best of my Knowledge the above mention detail is correct.

Place- Lucknow

DR. Shiv Shankar Yadav

Date- 11-01-2025

Signature