

## *CURICULAM VITAE*

### **Dr. Anoop Yadav**

Assistant Professor,  
Department of Environmental Science (SOET),  
Central University of Haryana,  
Jant-Pali, Mahendergarh  
[yadavanoop@rediffmail.com](mailto:yadavanoop@rediffmail.com); [yadavanoop@cuh.ac.in](mailto:yadavanoop@cuh.ac.in)  
Mobile No.: 09215346542



### **Academic qualification:-**

- i) **Ph.D** in Environmental Science and Engg., from Deptt. of Env. Sc and Engg, Guru Jambheshwar University of Science and Technology, Hisar, Haryana (2013). Topic: “Use of Vermitechnology for the Management of Food Industry Waste.”
- ii) **Diploma in Industrial Safety** from Annamalai University, Annamalai Nagar, Tamilnadu (2009).
- iii) Qualified **UGC NET and JRF** in Environmental Sciences, (2005).
- iv) Qualified **State Level Eligibility Test (SLET)** in Environmental Sciences, 2004
- v) **M.Sc. (Environmental Sciences)** from **GJUS&T**, Hisar 2005.
- vi) **B.Sc. in Medical** from **Maharshi Dayanand University**, Rohtak, 2002.

### **Teaching and research experience:-**

- Presently working as **Assistant Professor** in Department of Environmental Science, Central University of Haryana, Mahendergarh, since August 2015.
- Worked as **Senior Research Officer** (ICMR project) in School of Public Health, PGIMER, Chandigarh, from August 2014 to July 2015.
- **Teaching Associate** in Deptt. of En. Sci. & Engg, GJUS&T Hisar, from August 2013-May 2014.
- **Teaching Associate** in the Deptt. of En. Sci. & Engg, GJUS&T Hisar, from August 2012 to May 2013.
- **Project fellow** in DAE-BRNS project at Centre for Radioecology, GJUS&T, Hisar, from May 2011 to August 2012.
- **Lecturer** in “Jind Institute of Engineering & Technology” Jind, Haryana form August

2005 to May 2006.

### **Publications (Annexure I)**

a)	Research Papers (Published)	:26 [Cumulative I. Factor = 88.65]
b)	Book Chapters	:07
c)	Papers/abstracts in proceedings of conf.	:17
d)	Citations :	1182
		H-Index: 16

*A detailed list publication is attached.*

### **Trainings/Projects:-**

- Attended three days “TOT on Vocation programme” at Shri Vishwakarma Skill University (SVSU) in collaboration with National Institute of Technical Teachers’ Training and Research, Bhopal from December 04-06, 2018.
- Three months certificate program on “Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System” conducted by Indian Institute of Remote Sensing (IIRS), Dehradun, India from August 21, 2017- December 04, 2017 (Off-campus outreach program).
- One month certificate program on “Geospatial Technologies for Urban Planning” conducted by Indian Institute of Remote Sensing (IIRS), Dehradun, India from February 11, 2016- March 15, 2016 (Off-campus outreach program)
- “Magnitude and Impact of Indoor Air Pollution on Morbidity Related to COPD and Bronchial Asthma in Indian Women” ICMR funded project at PGIMER, Chandigarh.
- “Studies on Water and Air Quality in Hisar and Fatehabad districts of Haryana, India” Funded by DAE-BRNS, Mumbai at Centre for Radioecology, Guru Jambheshwar University of Science and Technology, Hisar, Haryana
- Six months project during M.Sc. on the topic entitled “Effect of fly ash on soil properties and growth of wheat in alkali soil with nitrogen fertilizer supplement”
- One month training in “Water and Air pollution analysis” at Pollution Control Research Institute (PCRI), BHEL, Hardwar from 4<sup>th</sup> June, 2003 to 2<sup>nd</sup> July, 2003.

### **Areas of Interest:-**

- Vermicomposting
- Management of solid and industrial wastes.
- Water and air pollution monitoring and management.
- Biodiversity and Ecology.

### Academic/Scientific Achievements/Activities:-

- **Teacher-In-Charge**, Department of Industrial Waste Management (IWM), Deen Dayal Upadhyay KAUSHAL Kendra (DDUKK), Central University of Haryana (from Dec 2017-Aug 2020).
- **Member, Board of Studies**, Deen Dayal Upadhyay KAUSHAL Kendra, Central University of Haryana.
- Member of editorial board of two journals; *Journal of EC Agriculture and International Journal of Environmental Monitoring and Analysis*.
- Life Member of '**Biotech Research Society of India**' (BRSI) under membership ID LM- 1033
- Life Member of **The Indian Science Congress Association**, Kolkata under membership No. LM-24090.
- **Radio talk** on the topic 'Environmental Conservation' by All India Radio, Hisar, Govt. of India, broadcasted on 26.11.2013 under Yuva Umang Programme.
- Cordinated a national webinar on "**Training on skill development programme for Aatmnirbhar Bharat**" under "Azadi ka Amrut Mahotsav" on 10th june 2021 at Central University of Haryana, Mahendergarh.
- Member of organizing committee of "**World Environment Day**" on 5<sup>th</sup> June, 2016 and 2021 at Central University of Haryana, Mahendergarh.
- Member of organizing committee of "**National Science Day**" held on 28<sup>th</sup> February, 2016-21 at Central University of Haryana, Mahendergarh.
- Member of organizing committee of **Ozone week** at GUJS&T (September, 2011, 2012 and 2013)
- **Reviewer** for several national/international journals  
Reviewed manuscripts for more than 20 national/international journals (Elsevier, Springer, Taylor Francis, Inderscience and other publishers).

## **Faculty Development Programme attended**

1. Participated in the online AICTE recognized Faculty Development Programme on “Watershed Management and Organic Farming for Sustainable Development” from 22/06/2020 to 26/06/2020 (One Week) Organized by Rural Development Department NITTTR, Chandigarh.
2. Participated in the online AICTE recognized Faculty Development Programme on “Clean and Green Technologies for Sustainable Development” from 25/07/2020 to 29/07/2020 (One Week) Organized by Rural Development Department NITTTR, Chandigarh.
3. Participated in the online AICTE Training And Learning (ATAL) Academy, Faculty Development Programme on “Waste Technology: Emerging Strategies in Waste Management Solutions” from 23/08/2021 to 27/08/2021 (One Week) Organized by Dr. Ambedkar Institute of Technology for Handicapped, Kanpur.

## **PUBLICATIONS (Annexure I)**

*(Major Research papers in refereed journals)*

- Mago M, Gupta R, **Yadav A** and Garg V.K. (2021) Sustainable treatment and nutrient recovery from leafy waste through vermicomposting, Bioresource Technology, 126390 [Elsevier] [IF=9.642].
- Mago M, **Yadav A**, Gupta R and Garg V.K. (2021) Management of banana crop waste biomass using vermicomposting technology, Bioresource Technology, Volume 326, 2021, 124742, ISSN 0960-8524, [Elsevier] [IF=9.642]. 0960-8524
- **Yadav A.** and Garg, V. K. (2019) “Biotransformation of bakery industry sludge into valuable product using vermicomposting” Bioresource Technology, 274 512-517 [Elsevier] [IF=9.642]. 0960-8524
- **Yadav A.** and Garg, V. K. (2016) Vermiconversion of biogas plant slurry and parthenium weed mixture to manure, International Journal of Recycling of Organic Waste in Agriculture, 5(4), 301–309 [Springer]. ISSN 2195-3228.
- **Yadav A.** and Garg, V. K. (2016) Influence of stocking density on the vermicomposting of an effluent treatment plant sludge amended with cow dung, Environmental Science and Pollution Research, 23: 13317-13326 [Springer]. [IF=2.941]. ISSN: 0944-1344

- **Yadav A.** and Garg, V. K. (2015) “Influence of vermi-fortification on chickpea (*Cicer arietinum* L.) growth and photosynthetic pigments” International Journal of Recycling of Organic Waste in Agriculture, 4:299-305 [Springer]. ISSN 2195-3228
- **Yadav A.** Suthar S. and Garg, V. K. (2015) “Dynamics of microbiological parameters, enzymatic activities and worm biomass production during vermicomposting of effluent treatment plant sludge of bakery industry”, Environmental Science and Pollution Research, 22:14702-14709 [Springer]. [IF=2.941]. ISSN: 0944-1344
- Mehta J., Sharma P. and **Yadav A.** (2014) “Screening and identification of bacterial strains for removal of COD from pulp and paper mill effluent”, Advances in Life Sciences and Health, Vol. 1(1), 34-42. ISSN 2379-9595
- **Yadav A.** and Garg, V. K. (2014) “Effect of poultry waste on vermicomposting of anaerobically digested cattle dung slurry”, International Journal of Environmental Technology and Management (IJETM), Vol. 17, Nos. 2/3/4. 154-164 [Inderscience] ISSN: 1466-2132
- Mehta J, **Yadav A.**, Dilbaghi N and Sharma P (2014) “Physico-chemical characterization of distillery effluent and COD reduction by using *Bacillus badius* and *Lysinibacillus fusiformis*”, International Journal of Emerging Trends in Science and Technology, Vol. 1(3), 340-346. ISSN: 2348-9480
- Garg V. K., Yadav A, Singh K, Singh M, Bishnoi M and Pulhani V. (2014) “Uranium distribution in groundwater in Hisar city, India and health risk assessment”, International Journal of Occupational and Environmental medicine. 5(2), 112-114. ISSN: 2008-6520
- Gupta, R., **Yadav, A.** and Garg, V. K. (2014). “Influence of vermicompost application in potting media on growth and yield of marigold crop”, International Journal of Recycling of Organic Waste in Agriculture. 3:47 ISSN: 2251-7715
- **Yadav, A.** Gupta, R and Garg, V.K. (2013). “Organic manure production at commercial scale from Cow Dung and Biogas Plant Slurry by vermicomposting”, International Journal of Recycling of Organic Waste in Agriculture. 2:21 1-7 [Springer] ISSN: 2251-7715
- **Yadav A.** and Garg, V. K. (2013) “Nutrients recycling from industrial solid sludges and weeds by vermiprocessing”, Pedosphere, Volume 23, Issue 5, 668–677 [Elsevier] [IF=3.188]. ISSN 1002 0160
- Garg, V.K., Suthar, S., and **Yadav, A.** (2012) “Management of food industry waste employing vermicomposting technology”, Bioresource Technology, 126 437–444.

[Elsevier] [IF=5.651] ISSN 0960-8524

- Bhupinder Singh and **Anoop Yadav**, (2012) “Effect of distillery effluent on different wheat cultivars” World Journal of Environmental Biosciences, Volume 1(1), 38-41. ISSN 2277– 8047.
- **Yadav A.** and Garg, V. K. (2011) “Vermicomposting – An effective tool for the management of invasive weed *Parthenium hysterophorus*”, Bioresource Technology, 102, 5891–5895. [Elsevier] [IF=5.651]. ISSN 0960-8524.
- **Yadav, A.** and Garg, V.K. (2011) “Industrial wastes and sludges management by vermicomposting”, Reviews in Environmental Science and Biotechnology, 10, 243-276 [Springer]. [IF= 4.938]. ISSN 1569-1705.
- **Yadav, A.** and Garg, V.K. (2011) “Recycling of organic wastes by employing *Eisenia fetida*”, Bioresource Technology, 102, 2874–2880. [Elsevier] [IF=6.669]. ISSN 0960-8524.
- **Yadav, A.** and Garg, V.K. (2010) “Bioconversion of Food Industry Sludge into value-added product (vermicompost) using epigeic earthworm *Eisenia fetida*”, World Review of Science, Technology and Sustainable Development, Vol. 7, No. 3, 225-238. [Inderscience] ISSN: 1741-2242.
- **Yadav, A.**, Mudhoo, A. and Garg, V.K. (2009) “Growth and fecundity *Eisenia fetida* earthworm during vermicomposting of food industry sludge” International Journal of Process Wastes Treatment, Vol. I, No. I, pp. 71-81. ISSN: 0975-4571.
- **Yadav, A.** and Garg, V.K. (2009) “Feasibility of nutrient recovery from industrial sludge by vermitechnology”, Journal of Hazardous Materials, 168, 262–268. [Elsevier] [IF=7.650]. ISSN 0304-3894.

#### (Book chapters)

- Sushma and **A Yadav** (2020) Chapter 18 - Biological and physicochemical combination processes, Editor(s): Amrane Abdeltif, Aymen Amine Assadi, Phuong Nguyen-Tri, Tuan Anh Nguyen, Sami Rtimi, In Micro and Nano Technologies, Nanomaterials for Air Remediation, Elsevier, Pages 361-372, ISBN 9780128188217, <https://doi.org/10.1016/B978-0-12-818821-7.00018-X>.
- Kumar, M., **Yadav, A.** and Ramanathan, A. L. (2019) “Arsenic contamination in environment, eco-toxicological and health effects and bioremediation strategies for its

detoxification” In R. N. Bharagava (Ed.) Bioremediation of Industrial Wastes for Environmental Safety, 245-264 Springer, Singapore Publishers [https://doi.org/10.1007/978-981-13-1891-7\\_12](https://doi.org/10.1007/978-981-13-1891-7_12) (ISBN 978-981-13-1890-0).

- Developed e-content (three book chapters) (a) Management of Air and Water: Treatment Technologies, (b) Treatment of Solid Waste and (c) Environmental Design for the course of Post Graduate Diploma in Environmental and Occupational Health (PGDEOH), Indira Gandhi National Open University, 2019
- Mona, S., **Yadav, A.**, Singh, M., Kumar, V. (2016). Role of microalgae in bioremoval of dyes from wastewaters, in: Microalgae: Windows of Opportunity 2016, SBW Publishers, New Delhi, pp. 304-307 (ISBN: 978-81-85708-64-5).
- **Yadav, A.** and Garg, V.K. (2013). Management of Organic wastes by vermicomposting. In: Advances in Industrial Biotechnology (Eds Ram Sarup Singh, Ashok Pandey and Christian Larroche) IK International Publishing House Pvt. Ltd., India. pp 477-501. ISBN 978-93-82332-53-4
- Garg V.K. and **Yadav A.** (2012). Potential of Vermiremediation in Waste Management. In: Strategies for Mitigation of Environmental Degradation and Climate Change (Eds. C.P. Kaushik, A. Kaushik, V. K. Garg and M. Sharma). Arihant Prakashan Pvt. Ltd., New Delhi. Pp 74-78. ISBN 978-93-80872-61-2.
- Garg, V.K., Gupta, Renuka and **Yadav, A.** (2007). Potential of Vermicomposting Technology in Solid Waste Management. *In: Current Developments in Solid State Fermentation* (Eds: Ashok Pandey, Carlos Ricardo Soccol and Christian Larroche). **Asia-Tech Publishers Inc.**, New Delhi (for India) and also published by **Springer Publishers** (for Rest of the World). Pp 468-511. ISBN: 978-0-387-75212-9 (Print) 978-0-387-75213-6 (Online).

**Papers and abstracts in Conferences/ Seminars attended/participated =24**

**Workshops attended/participated=15**