

# CURRICULUM VITAE



Name : **Dr. Deepak Kumar Bhartiya**  
Father's name : Chandra Bali  
Nationality : Indian  
Designation : Assistant Professor  
Working place : Department of Zoology, Government Degree College, Dhadha Bujurg, Hata, Kushinagar, U.P., India  
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## QUALIFICATIONS:

1. **Ph.D.** in Zoology from Deen Dayal Upadhyaya, Gorakhpur University, Gorakhpur, U.P., India in **December, 2013**.
2. Qualified **CSIR – NET (Life Sciences)** of **December, 2019**
3. **M.Sc.** in Zoology with **64.88%** marks from Deen Dayal Upadhyaya, Gorakhpur University, Gorakhpur, U.P., India in **2008** in the field of specialization **Entomology**.
4. **B.Sc.** in Biology with **60.33%** marks from Deen Dayal Upadhyaya, Gorakhpur University, Gorakhpur, U.P., India in **2006**.

**THESIS TITLE:** **Studies on bioaccumulation of heavy metals by earthworm *Eisenia foetida* in different wastes and field soils.**

## AREAS OF RESEARCH INTEREST / SPECIALIZATION:

Vermi-biotechnology, Bioremediation, Heavy Metals managements, Solid wastes management, Municipal wastes management, Biological wastes management.

## CARRIER PROFILE:

Organization /Institution	Designation	Duration
Rajiv Gandhi National Fellowship awards from UGC, New Delhi, 2010-13, Fellow No. F. 14-2 (SC)/2010 (SA-III)	<b>Research fellow JRF &amp; SRF</b>	01/04/2010 to 12/12/2013
Department of Zoology, K. D. R. T PG College, Balendrapuri Dumarikhas, Gorakhpur-273 202 (U.P.), INDIA from.	<b>Assistant Professor</b>	16/07/2014 to 20/09/2015
Department of Zoology, Government Degree College, Dhadha Bujurg, Hata, Kushinagar, U.P., India	<b>Assistant Professor</b>	<b>28/12/2021 to Continued</b>

## PUBLISHED RESEARCH ARTICLES: 08

1. **Bhartiya, D. K.** and Singh, K. (2011). Accumulation of Heavy Metals by *Eisenia foetida* from Different animal dung and Kitchen wastes during Vermicomposting. **International Journal of Life Science and Technology**, 4 (7): 47-52 (ISSN : 0974-5335 online)
2. **Bhartiya, D. K.** and Singh, K. (2012). Heavy Metals Accumulation from Municipal solid wastes with Different animal dung through Vermicomposting by Earthworm *Eisenia*

- foetida*. **World Applied Sciences Journal**, 17 (1): 133-139 (ISSN: 1818-4952 online, E-ISSN : 1991-6426). **RG Journal Impact: 0.47**
3. **Bhartiya, D. K.** and Singh, K. (2012). Heavy Metals Remediation from Maize (*Zea mays*) Crop by the Use of Vermicomposts through Vermicomposting by *Eisenia fetida*. **American-Eurasian Journal of Agricultural & Environmental Sciences**, 12 (9): 1215-1222 (ISSN : 1818-6769 online, EISSN : 1990-4053).
  4. Singh, K., **Bhartiya, D. K.**, Chauhana, H. K., Rai, R. and Singh, R. N. (2014). Bioaccumulation of Cobalt and Lead by Earthworm *Eisenia fetida* from Sewage sludge with different cattle dung during Vermicomposting. **Research Journal of Science and Technology**, 6(4): 175-179 (ISSN: 2349-2988 online, ISSN: 0975-4393 print).
  5. **Bhartiya, D. K.** and Singh, K. (2015). Co, Cr and Pb Accumulate by *Eisenia fetida* (Savigny) from Animal dung, Soil and Pea (*Pisum sativum* L.) grain through Vermicomposting. **Scholarly Journal of Agricultural Science**, 5(5): 154-164 (ISSN: 2276-7118 online). **Impact Factor- 1.372**
  6. Singh, K. and **Bhartiya, D. K.** (2020). Effect of liquid biofertilizer with Herbal Insecticide Garlic (*Allium sativum* L.) on productivity of Gram (*Cicer arietinum*) and Infestation of *Helicoverpa armigera* (Hubner). **Research Journal of Pharmacy and Technology**, 13(6): 2567-2572 (ISSN: 0974-360X online, 0974-3618 Print).
  7. Singh, K. and **Bhartiya, D. K.** (2020). Minimization of health problems through Vermibiotechnology and accumulation of heavy metal from Biological Waste, Soil and Rice (*Oryza sativa* L.). **Research Journal of Pharmacy and Technology**, 13(6): 3580-3586 (ISSN: 0974-360X online, 0974-3618 Print).
  8. Singh, K. and **Bhartiya, D. K.** (2020). Heavy metal accumulation by earthworm *Eisenia fetida* from animal waste, soil and wheat (*Triticum aestivum*) for protection of human health. **Research Journal of Pharmacy and Technology**, 13(6): 3205-3210 (ISSN: 0974-360X online, 0974-3618 Print).

#### **REVIEW PAPER PUBLISHED: 02**

1. Keshav Singh and **D. K. Bhartiya** (2018). Review on therapeutic use of earthworms. **International Journal of Basic and Applied Research**, 8(11), p. 187-203. Impact Factor- 5.960 ISSN- 2249-3352
2. Keshav Singh and **D. K. Bhartiya** (2021). A review article on Vermibiotechnology and Waste Management. **World Review of Science, Technology and Sustainable Development**, 17(1), p. 81-97.

#### **BOOKS PUBLISHED:04**

1. Singh, K., Nath, G., **Bhartiya, D. K.**, Vig, A. P. and Barh, D. (2011). **Vermicomposting: A Boon for Soil, Plant and Environment**. LAP LAMBERT Academic Publishing, ISBN: 978-3-8443-3442-5, (In Germany). Page 106
2. Mishra, A., v Singh, K., Chauhan, H. K. and **Bhartiya, D. K.** (2013). **A Text Book of Animal Physiology**. Biotech Books Publishing, ISBN: 978-81-7622-288-4, (In New Delhi). Page 206
3. Singh, K., Nath, G., Shukla R. C. and **Bhartiya, D. K.**, (2014). **A text book of Vermicompost, Vermiwash and Biopesticides**. Biotech Books Publishing, New Delhi, ISBN: 978-81-7622-322-5 (In New Delhi). Page 97
4. Keshav Singh, **Deepak Kumar Bhartiya** and H. K. Chauhan (2014). **Earthworm Reproduction and Heavy metals Accumulation**. Gene-Tech Books Publishing, New Delhi, ISBN: 978-81-89749-34-9 (In New Delhi). Page 116

**PROCEEDING IN NATIONAL CONFERENCES/ SYMPOSIUM/ SEMINARS/**

**WORKSHOP -01**

1. **Bhartiya, D. K.**, Nath, G. and Singh, K. (2011). Vermicomposting; A tool for management of different wastes and self-employment for youth of B.P.L. and weaker sections. Proceeding of National Seminar on 'Challenges for Biosciences in 21st Century. Department of Zoology, S. P. PG. College Shohratgarh, Siddharthnagar, pp 71-73. ( 19-20 Feb, 2011)

**PAPER PRESENTED IN NATIONAL CONFERENCES/SYMPOSIUM/ SEMINARS/**

**WORKSHOP: 05**

1. **Bhartiya, D. K.** and Singh, K. (2012). Bioaccumulation of heavy metals from different biological wastes during vermicomposting by use earthworm *Eisenia fetida*. National Symposium on Advance in Zoology and Environmental Science on 13-14 March, 2013, Department of Zoology, D.D.U. Gorakhpur University, Gorakhpur.
2. **Bhartiya, D. K.** and Singh, K. (2013). Management of heavy metals of municipal solid wastes through vermicomposting with the help of earthworm *Eisenia fetida*. HORMONY-2013, International Conference, 11-13 Nov, 2013, Department of Zoology, D.D.U. Gorakhpur University, Gorakhpur.
3. Singh V., Singh, K., **Bhartiya, D. K.**, Kumar, Y and Rai, R. (2014). Effect of herbicides on the population of earthworm *Eutyphoeus woltony* Mich. (Oligocheta:Octochaetidae). National Conference on Organic/Inorganic Functional Materials A Current Perspective (NCOIFM), 1-2 March, 2014 Department of Chemistry, DDU Gorakhpur University, Gorakhpur UP.
4. **Bhartiya, D. K.**, Chauhan, H. K. Singh, V. and Sing, K. (2014). Vermicomposting ; A stable way for heavy metals accumulation by earthworm from organic wastes. "National conference on Impact of Xenobiotics on human health and Biodiversity" 2-3 Nov, 2014. Department of Zoology, Shibli National PG College Azamgarh, UP, India.
5. **Bhartiya, D. K.**, Rai, R., and Chauhan, H. K. (2014). Potency of earthworm *Eisenia fetida* for accumulation of heavy metals during vermicomposting from biological wastes. Challenges of Biological and Environmental Science in 21st Century, 19th and 20th December, 2014, DST Sponsored, Department of Zoology, S V M M PG College, Gorakhpur UP.

**COMPLETED FACULTY INDUCTION PROGRAMME (FIP):**

U.G.C – Human Resource Development Centre, D.D.U.Gorakhpur University, Gorakhpur, 5th Faculty Induction Progrmme (25<sup>th</sup> August to 23<sup>rd</sup> September, 2022).

**ATTENDED NATIONAL AND INTERNATIONAL CONFERENCES/ SYMPOSIUM/**

**SEMINARS/ WORKSHOP: 24 & WEBINAR: 03**



(Deepak Kumar Bhartiya)