


Curriculum Vitae

Full Name:	DR. DINESH K SHARMA			
Designation:	Professor			
Department:	Zoology			
Campus:	SRT Campus, Badshahithaul			
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Education Qualification:	Ph.D. 1993. HNB Garhwal University M.Sc. Zoology 1989. Garhwal University B.Sc. 1987 Himachal Pradesh University			
Teaching Experience:	16 Years	Research Experience:	25 Years	
Research Interest and Fields of Specialization				
<ol style="list-style-type: none"> 1. Reproductive and Wildlife Biology 2. Molecular Ecology 3. Ornithology 				
Honours & Awards				
1. PDF at Smithsonian Institution, National Zoological Park, Molecular Genetics Lab., National Washington DC.				
Member of Academic Institutions				
Membership of Scientific Organizations				
1. World Pheasant Association				
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)				
In Zoology:				
1. Suman Negi: Habitat and Breeding Ecology of Indian Black Francolin (<i>Francolinus francolinus asiae</i> , Bonaparte 1856) in Garhwal Himalaya. 2015. Awarded				
2. Anand Kumar: Phylogeographic Structure and Mitochondrial DNA sequence variations in Genus <i>Francolinus</i> in Uttarakhand. 2017. Awarded.				
In Biotechnology:				
1. Neeraj Khare: Agrobacterium Mediated Genetic Transformation of Tomato (<i>Lycopersicon esculentum</i> M with Mtl D gene for Abiotic Stress Tolerance. 2013. Awarded.				
2. Manisha Nanda: Removal of Heavy metals from Effluent of Pharmaceutical Industry using Bacterial Strains. 2016. Awarded.				
Registered:				
Smita Dangwal: Altitudinal distribution, Habitat structure and breeding ecology of Kashmir rock agama (<i>Laudakia tuberculata</i> Gray 1827) in subtropical regions of Garhwal.				
Research Projects/ MoU undertaken				
1. Creation of Bioinformatics Facility (BIF), Department of Biotechnology, Recurring Amount of Rs. 5,60,000/- Ongoing.				

2. MoU between BARC, Mumbai and HNB, Garhwal Univ. Campus, Badshahithaul for **Setting up DAE technologies Display and Dissemination Facility**. (Prof. R.C. Ramola, Director, MoU, Prof. AA Bourai, Member, Prof. D.K. Sharma, Member. (40 lakhs). 2017

Administrative Experience

1. Managed Earth Watch Team in Conservation of Indian Wolf Project. Wildlife Institute of India.
2. Scientist High Altitude Zoology Field Station, ZSI, MoEF Solan, HP.
3. Boys Hostel warden, SRT Campus Badshahithaul.
4. Proctorial Board, SRT Campus Badshahithaul.
5. Member Dean Student Welfare, Proctorial Board, Hostel Warden, Sports Council, etc. HNB Garhwal University

Scientific Visits Abroad/ International Collaboration

1. **Smithsonian Institution, National Zoological Park. Washington DC**

Conference/Symposium/Workshop Attended (2009-2020)

National

1. Workshop on **NAAC revised Accreditation Framework (RAF)** sponsored by National Assessment and accreditation council, Bengaluru, organised by IQAC cell, HNB Garhwal University, Srinagar Garhwal. **29 April, 2019.**
2. Sharma, D.K. and Kumar, Anand. **Genetic Structure and Diversity of Genus Francolinus in North Western Himalaya** . National Seminar on Challenges in Biodiversity Conservation & Management, Dept of Zoology, University of Jammu, **December 20-21 2018.**
3. **Sharma, D.K. and Kumar, Anand. (2017).** Phylogeographic Structure in Genus Francolinus in North Western Himalaya. International Seminar on The Himalayan Challenge: Towards Interdisciplinary Dialogue for Sustainability and Development by **Sri Dev Suman Uttarakhand University, Badshahithaul, and Doon University, Dehradun. 29 November, 1st December, 2017.**
4. One Week Short Term course for Teachers in Higher Education-03 on **Open Educational Resources in Higher Education (OERHE)** at HNB Garhwal University, Srinagar Garhwal, **4-9 September, 2017.**
5. Participated actively in the National Symposium on **Mind, Matter and Mathematics: A Dialogue. 12-14 March, 2014.**
6. Presented a paper on **Effect of forest fire on the breeding of pheasants and partridges in North Western Himalaya** in National Seminar on **Threats to biodiversity and ecosystem: impacts of developmental projects and Climate Change.** Department of Zoology and Environmental Sciences. Gurukul Kangari University, Haridwar, **17-19 Nov. 2014.**
7. Presented a paper on **AIDS awareness in National Service Scheme and Red Ribbon Club,** at HNB Garhwal University, SRT Campus, Badshahithaul. **01 Decemehr, 2014.**
8. Sharma, D.K. (2013). **Distributional Patterns and Breeding Ecology of Kashmir Rock Agama (Laudakia tuberculata, Hardwicke and Grey 1827 in Temperate Climatic Conditions of Garhwal Himalaya.** National Seminar on Environment and Biodiversity. GRPG College Rampur, U.P. on 2013.
9. Sharma Dinesh.K., Negi Priayanka, Kumar, Anand, and Lakhera Pramesh, C., **Diversity and Distribution of Galliformes in Himalaya.** (2013) National Seminar on Uttrakhand Disaster: Contemporary Issues of Climatic Change and Development with Holistic Approach by Sridev

Suman University, Badshahithaul. T. Garhwal. 25-27 October, 2013.

- 10 Presented a paper on **AIDS awareness in National Service Scheme and Red Ribbon Club**, at HNB Garhwal University, SRT Campus, Badshahithaul. 02 Decemebr, 2013.
- 11 International Conference on Bio-hazards, HNB Garhwal University Campus, Badshahithaul, T. Garhwal. 2012.
- 12 Sharma, D.K and Kumar, Anand. (2012). **Distribution and Habitat Ecology of Partridges and Francolines in Uttarakhand**. 2nd National Conference on Environment and Biodiveristy of India, NECEER, New Delhi. 29-30 Dec, 2012.
- 13 Sharma, D.K., Lakhera, P.C., Kumar, A., Negi, Suman, Negi, Priyanka (2012). **Microhabitat Studies on the genus Francolinus in Uttarakhand**. Status on Environment and Biodiversity: Rio +20 and Role of Space Technology. Gurukul Kangari University, Haridwar. Uttarakhand. Invited lecture, chaird an academic session 2-3 November, 2012.
- 14 Participated in **AIDS awareness program organized by National Service Scheme and Red Ribbon Club**, at HNB Garhwal University, SRT Campus, Badshahithaul. 12 March, 2010.

Conference/Symposium/Workshop Organized during last five years (2009-2020)

Publications during last five years (2009-2020)

Journals

- **Sharma D.K.** and Uttam Saikia. (2009) Aves, in faunal diversity of Simbalwara Wildlife Sanctuary. Conservation Area Series. 41:81-101, Zoological Survey of India, Kolkata. (ISBN 987-81-8171-230-1) (Pub. Director Zoological Survey of India, Kolkata).
- **Sharma, D.K.** and Saikia, Uttam. (2009). Mammalia, In Faunal Diversity of Simbalwara WLS. Conservation Area Series. 41:103-118. Zoological Survey of India, Kolkata. (ISBN 987-81-8171-240-0). (Pub. Director Zoological Survey of India, Kolkata).
- Saikia, Uttam and **Sharma, D.K.** (2009). Reptilia. In Faunal Diversity of Simbalwara WLS. Conservation Area Series, 41:65-79. Zoological Survey of India, Kolkatta. (ISBN 987-81-8171-240-0). (Pub. Director Zoological Survey of India, Kolkata).
- Khare Neeraj, Goyary Danswring, Narender K.S., Shah, P., Rathore, M., Sivalingam, A., **Sharma, D.**, Arif, M., Ahmed, Z. (2010) Transgenic tomato cv Pusa Uphar expressing a bacterial mannitol-1-phosphate dehydrogenase gene confers abioitc stress tolerance. **Plant Cell Tiss. Organ Cult.** DOI 10. 1007. S 11240-010-9776-7. Springer. ISSN : 1573-5044, IF: 2.390
- Saikia, Uttam, Mehta, H.S. **Sharma, D.K.** (2010) New Distributional Record of Eastern Black Turtle, (*Melanochelys trijuga indopeninsularis*) from Simbalawara Wildlife Sanctuary, Himachal Pradesh. **Indian Forester**. Vol. 136, 2. ISSN 0019-4816 IF: 0.14
- Uttam Saikia, **Sharma D.K** and Mehta, H.S. (2010). First Record of large worm snake (*Typhlops Diardii*) in Himachal Pradesh. **Indian Forester**. Vol. 136. No.1. ISSN 0019-4816 IF: 0.14
- Nanda, Manisha, **Sharma, Dinesh** and Kumar, Arun.(2011) Removal of Heavy Metals from Industrial Effluent Using Bacteria. **International Journal of Environmental Sciences**. Vol 2., No.2, 2011. pp 781-787. ISSN 0976-4402. IF: 0.1902.
- Nanda, Manisha, **Sharma, Dinesh** and Kumar Arun. (2011) Isolation and Characterization of Bacteria Resistant to Heavy Metals Cadmium (Cd), Arsenic (As), Mercury (Hg) from Industrial Effluent. **Global Journal of Applied Environmental Sciences**. Vol. 1, Number 2 pp. 127-132. 2011. ISSN 2248-9932.

- Kumar, Anand and **Sharma D.K.** (2016) Molecular characterization of Asian Black Francolin (*Francolinus francolinus asiae*) from Western Himalaya based on mitochondrial control region. **International Journal of Advanced Research**. Vol. 4, Issue 4, 1577-1583.
- Nanda, Manisha, Kumar Vinod and **Sharma, D.K.** (2019). Multimetal tolerance mechanisms in bacterial: The resistance strategies acquired by bacteria that can be exploited to 'clean-up' heavy metal contaminants from water. **Aquatic Toxicology**. 212, 1-10. Elsevier, ISSN:0166-445X. **IF 3.794**.
- Kumar, Anand; **Sharma, Dinesh K**; Lochan, Rajeev; Dewan, Saurabh; Negi, Suman (2020). Relative abundance, habitat preference, and breeding ecology of Asian Black francolin, *Francolinus francolinus asiae* (Bonaparte, 1856) from North-Western Himalaya. **Journal of Asia-Pacific Biodiversity**. Vol 13, 13, 2:162-168. <http://doi.org/10.1016/j.japb.2020.02.001>. eISSN 2287-9544.
- Kumar, Anand; Dewan, Saurabh; Lochan, Rajeev; **Sharma, Dinesh, K.** (2020): Spatial genetic structure of black francolin (*Francolinus francolinus asiae*) in the North-Western Himalayan region based on mitochondrial control region. **Mitochondrial DNA Part A**. <https://doi.org/10.1080/24701394.2020.1757664>. ISSN:2470-1394.
- Kumar, Anand; **Sharma, Dinesh Kumar**; (2020). Mitochondrial D-loop based genetic characterization of two Francolin species from a part of Himalayan foothills. **Asian Journal of Conservation Biology**, Vol. 9 No. 1, pp 107-112. ISSN 2278-7666.

Proceedings

Sharma Dinesh.K., Negi Priayanka, Kumar, Anand, and Lakhera Pramesh, C., Diversity and Distribution of Galliformes in Himalaya. (2013) Proceedings of the National Seminar on Uttarakhand Disaster: Contemporary Issues of Climatic Change and Development with Holistic Approach by Sridev Suman University, Badshahithaul. T. Garhwal. 25-27 October, (Ed. Rawat U.S. and Semwal, V.P.) PP 183-194.

Books

1. Authors, Title of book, Publisher, year

Total Number of Research Publications: