

CURRICULUM VITAE

Personal Details
Name : **Dr. Romesh Kumar Sharma**
Date of Birth : 23rd Sep. 1974
Father's Name : (Late) Shri Ram Pratap Sharma
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Haridwar-249407, Uttarakhand, INDIA

Educational Qualification

Examination Passed	Board / University	Year (degree awarded)	Subject(s)
High School	U.P.Board, Allahabad	1990	Hindi, English, Mathematics, Science, Soc. Sci.,
Intermediate	U.P.Board, Allahabad	1992	Hindi, English, Physics, Chemistry, Biology
B. Sc.	Gurukul Kangri Deemed to be University, Haridwar	1995	Zoology, Botany, Chemistry
M. Sc.	Gurukul Kangri Deemed to be University, Haridwar	1997	Environmental Science
Diploma (Distance)	AIMS, Chennai	2000	ISO 14000 and 14001 (Environmental. Management Systems)
Ph. D *	Gurukul Kangri Deemed to be University, Haridwar	2002	Environmental Science
Post Graduate Diploma (Distance)	IGNOU, Dehradun Centre	2012	Disaster Management

**Topic: Avian Diversity and Vegetational Association in Four Distinct Habitat Typesin Haridwar*

Fields of Interest

- Environmental Education & Awareness
- Avian Biodiversity & Climate Change
- Disaster and Mitigation
- Solid Waste and its Management

Total Experience (More Than 21 Years)

- Performed as **Jr. Environmental Scientist** in *State Environmental Education Program and Solid Waste Management Scheme* in Himachal Pradesh under Jan Sewa Ashram, Himachal based NGO in year 1997 for **five months**.
- Performed as **Field Assistant** in Department of Zoology and Environmental Science, Gurukul Kangri University, Haridwar under **DST project** from **10 February 1998 to 24 August 2000**.

- Performed as **Junior Research Fellow** and **Senior Research Fellow** in Northern Regional Station, Zoological Survey of India, Dehradun under **MOEF& CC project** entitled '*Inventorization of faunal resources of Protected Areas and National Parks of Uttar Pradesh and Uttaranchal States*' from **21 September 2001 to 30 June 2004**. Done extensive survey and observation on biodiversity and developing threats within the ecosystem. Involved in community development with carried out interaction on various local issues with mitigations steps involved.
- Performed as **Sr. Lecturer** and **Head of Department for Department of Humanity and Sciences, Coordinator, Faculty Development Program** and **Core Member, Research Cell** at Amrapali Institute of Technology and Sciences, Haldwani from **10 September 2004 to 06 February 2009**.
- Performed as **Associate Professor** (Environmental Science and Engineering) in the Department of Mechanical Engineering, **College of Engineering Roorkee** from **10 February 2009 to 10 August 2020**. Also carried the responsibility of Convener COER Eco-Club and Head, Admissions.
- Presently working as **Assistant Professor**, Environmental Science (contractual) in Department of Allied and Applied Science, University of Patanjali from **21 March 2022 to continue**.

List of Research Publications (National)

1. Joshi, P. C. and **Sharma, R.** (1997). Fluctuation in the population density and biomass of Coleoptera in a cropland field. In *Him. J. Env. Zool.*, **Vol. 11**, pp. 109-112.
2. Joshi, P.C. and **Sharma, R.** (1998). Population density and secondary net production of above ground entomo-fauna of a cropland field. In *Uttar Pradesh Jou. Zool.*, **Vol. 18**(1), pp.1-4.
3. Bhatt, D. and **Sharma, R.** (2000). Diversity, status and feeding ecology of avian fauna in Motichur range of Rajaji National Park, India. *Ann. For.*, **Vol. 8**(2), pp. 179-191.
4. Tak, P. C., **Sharma, R.** and Kumar, A. (2002). Faunal Resources of Nanda Devi Biosphere Reserve Forest. *Envis Newsletters*, **Vol. 8** (1-2), 2-4.
5. **Sharma, R.**, Singh, A. and Kumar, A. (2002). Preliminary survey of some wetlands with special reference to Sarus Crane population and its habitat characteristics. *Ann. For.*, **Vol. 10** (2), 338-342.
6. **Sharma, R.** and Kumar, A. (2003). Behavioral observation of White-backed Vulture *Gyps bengalensis*. *Newsletter for Birdwatchers*, **Vol. 43**(3), 42.
7. **Sharma, R.**, Kumar, A. and Singh, A. (2003). Effects of Changing Land use patterns on the habitat of Sarus Crane, *Grus antigone antigone*. *Ann. For.*, **Vol. 11**, pp. 82-87
8. **Sharma, R** and Kumar, A., (2004). Some observation on needling and territory maintenance of White-backed vulture *Gyps bengalensis*. *Ann. For.* **Vol. 12** (1), pp. 37-40.
9. Kumar, A and **Sharma, R.**, (2011). Observation on breeding behavior and vocalizations in red-wattled lapwing, *Vanellus Indicus* (Aves: Charadriidae) from Northern India. *J. Exp. Zool. India* **Vol. 14**, No. 1, pp. 333-338.
10. Archana Chhetri, Sharma, R. and Chetry, D. (accepted). Concept of Diet in Traditional Yoga Texts: A Review. In *International Research Journal of Ayurveda and Yoga*, **Vol. 7**(5), Pp. ISSN: 2581-785X.

11. D. Bhatt, **Sharma, R.** *et. al.* (Communicated). Impact of Human-Wildlife Conflict on Human Lives in Tehri District of Uttarakhand (Western Himalayas), India" (reference number: SREP-24-01647), In *Scientific Report Journal*.

List of Research Publication (International)

1. Sharma, R. C., Bhatt, D. and **Sharma, R.** (2004). Breeding success of the tropical spotted munia *Lonchura punctulata* in urbanized and forest habitats. In *Ornithological Science* (Japan), 3, 113-117.
2. Sanjeet, L., Bhatt, D. and **Sharma R.** (2005). Habitat heterogeneity of the Loktak Lake, Manipur. In *Current Science*, Vol. 88 (7), pp 1027.
3. **Sharma, R.**, Bhatt, D., Shetty, V. and Joshi, V. D. (2007). Present Status of White-backed *Gyps bengalensis* and Long-billed *Gyps Indicus* Vultures in Rajaji National Park, Uttarakhand. In *Journal BERKUT, Russia*, Vol. 16 (1), pp. 75-78.

Research Proceeding's/Book Chapters

1. Misra and **Sharma, R.** (2007). An approach for Environmental Management in Hospitality Industry. *Journal of Management Practices*, Vol. 1 (1), 131-135.
2. Misra, P., Lohani, S. and **Sharma, R.** (2008). Growth of Indian Tourism and its Environment Impacts. National Seminar on *Environmental Degradation-Challenges and Remedies*, March 12-14 at Maharishi Markandeswar University, Mullana, Ambala, Haryana. Pp. 604-609.
3. **Sharma, R.**, Misra, P., and Lohani, S. (2008). Role and importance of environmental management systems in hotel industry. National Seminar on *Recent Advances in the Development of Sustainable Environment*, May 3-4, 2008, Haryana Engineering College, Jagadari, Haryana.
4. **Sharma, R.** (2008). Let's go for green, green and green: A review. International Conference on *Green Marketing: Emerging Issues in Sustainable Development*, Sep. 25-26, at IMT, Ghaziabad, U.P. jointly organized by Institute of Management and Technology, Ghaziabad and Hankies India. pp. 51-56.
5. **Sharma, R.** and Chaturvedi, A. K. (2016). Some major threats towards loss of Biodiversity in Tropical Ecosystem in Disaster: An Overview. Proceedings of Disaster Mitigation and Management Strategies. Excellent Publication House, New Delhi, ISBN No. 978-81-932836-7-7. Pp. 12-25.
6. **Sharma, R.** and Chaturvedi, A. K. (2016). A Review assessment on Climate Change and Floods. Proceedings of Disaster Mitigation and Management Strategies. Excellent Publication House, New Delhi, ISBN No. 978-81-932836-7-7. Pp. 32-44.
7. **Sharma, R.** and Chaturvedi, A. K. (2016). A review article on early warning prediction through abnormal behavior of animals. Proceedings of Disaster Mitigation and Management Strategies. Excellent Publication House, New Delhi, ISBN No. 978-81-932836-7-7. Pp.82-89.
8. Chaturvedi, A. K., and **Sharma, R.** (2017). Scope, Development and Significance of Biomass Energy in India. A Review. Book named Biofuels (Advances and Perspectives) Publication SI Pvt. Ltd. Pp. 87-117.

9. Sharma, N. and **Sharma, R.** (2023). National Education Policy 2020 and its Goals. In Cultural & Economic Prospects of Bharat @75 and G20. Kunal Books Publication, New Delhi, Pp. 28-34. ISBN 978-81-966425-5-6.
10. Sharma, R. and **Sharma, N** (2023). Era of Climate Change and Human Health. Exploring Frontiers: A journey through the wonders of Science. Pragati Prakashan, Meerut, Pp. 56-63. ISBN 978-93-5854-484-8.

Seminars/Conferences Attended and Presented Research Papers

1. Attended National symposium on '**Faunistic Biodiversity, Environment Monitoring and Biotechnology**' organized by Gurukul Kangri University, Haridwar and Indian Academy of Environmental Sciences, Haridwar & council of Science and Technology, (U.P) on 6 to 8 Feb. 1998.
2. Attended National seminar on '**Integrated Watershed Management for Himalayan Eco-Development**' organized by Himalayan Institute of Action Research and Development Dehradun on 28 Feb. to 1 March 1998.
3. Attended International symposium on '**Environmental Management in Mountainous Regions**' organized by Government P G College, Rishikesh on October 4 to 7 1998.
4. Attended National symposium on '**Acoustic**' organized by Sangeet Research Academy, Indian Statistical Institute and Acoustic Society of India on December 18 to 20 1998.
5. Participated and **presented research paper** in seminar '**Present Eco-Status of Ganga Water**' organized by Department of Zoology and Environmental Sciences, Gurukul Kangri University, Haridwar on March 12, 1999.
6. Attended National symposium on '**Status of India's Faunistic Diversity and Environment**' and '**12th All India Congress of Zoology**' organized by Department of Zoology and Environmental Science, Gurukul Kangri University, Haridwar on 29-31 December 2001.
7. Participated in National symposium on '**Avian Biodiversity-Issues and Conservation Strategies**' held at Acharya N G Ranga Agricultural University, Hyderabad and organized by Society for Applied Ornithology (India) from 7-8 February, 2002.
8. Participated in National seminar on '**Relevance of Biosphere Reserve, National Parks and Sanctuaries (Protected Habitats) in Present Context**' organized by Department of Zoology and Environmental Science, Gurukul Kangri University, Haridwar and Nature Conservators (India), Muzaffarnagar, India on 25-26 May 2002.
9. Participated and **presented research paper** in 28th Conference of the **Ethological Society of India** at Mundanthurai, Tirunelveli, Tamil Nadu on 7-8 February 2003.
10. Attended and presented research paper in International Conference '**Bird and Environment**' organized by Department of Zoology and Environmental Science, Gurukul Kangri University, Haridwar and Ornithological Society of India on 21-24 November, 2004.

11. **Presented research paper** in National seminar ‘Manthan’ on topic ‘**Era of Globalization: Challenges in Management & IT**’ organized by Department of Management and Computer Application, Amrapali Institute, Haldwani on 25-26 November 2005.
12. Participated and done **poster presentation** in **2nd Uttarakhand State Science Congress** from 15-17 November 2007 held at UAA, Nainital.
13. Participated and **presented research paper** in National seminar ‘**Tarang 2008: Emerging trends in IT and Education**’ held at **Amrapali Institute Haldwani** on 28-29 February 2008.
14. Participated in Regional seminar on ‘**Intellectual Property and Innovation Management in Knowledge Era**’ organized by Uttarakhand State Council for Science and Technology on 28-29 January 2008 at Almora.
15. Participated and **presented research paper** in ‘ICGM2008 **International Conference on Green Marketing**’ organized by Institute of Management Technology Ghaziabad, India on 25-26 September 2008.
16. Participated in National seminar on ‘**Response of Eco-Biological Components to the Phenomenon of Global Warming**’ organized by Department of Zoology, DSB Campus, Kumaun University, Nainital on 26-27 September 2009.
17. Participated in National conference on ‘**Identifying the Research Basis for Sustainable Development of the Kumaun Region**’ held on 15-16 January 2010, organized by Amrapali Institute Haldwani.
18. Participated and **delivered an invited lecture** in National symposium ‘**Impact of trends in Climate Change on Biodiversity and Faunistic Systems**’ organized by Department of Zoology and Environmental Science, Gurukul Kangri University, Haridwar on 19-20 February 2010.
19. Participated and **presented research paper** in International Conference ‘**Biodiversity and Environmental Governance in Canada and India: Safeguarding Ecosystems for Human Welfare**’ organized by Department of foreign Affairs & International Trade, Government of Canada, Canada on 21-23 October 2010 at Gurukul Kangri University, Haridwar.
20. Participated and **presented research paper** in National conference on ‘**Emerging Trends in Engineering Science & Technology**’ organized by College of Engineering Roorkee, Roorkee on 29-30 March 2014.
21. Active participated in **COVID-19 Quiz** cum Awareness Programme organized by Department of Applied Science and Humanities, Rajkiya Engineering College Ambedkar Nagar on dated **16/5/2020**.
22. Act as **Faculty Speaker** in **World Conference** on Spiritual Science held at NMDC Conventional Hall, Habitat Centre, New Delhi on **3-4 December 2022**.
23. Participated and presented research paper in National Seminar on ‘**Synthesis of Science and Spirituality for the Highest Welfare of Society**’ jointly organized by Sri Aurobindo (Uni) Diversity Aurovalley Ashram, Rishidwar, Haridwar and Uttarakhand State Council of Science and Technology, (UCOST) Dehradun on **11-12 February, 2024**.

Workshops Attended

1. Actively participated in workshop “*Studies on Faunal Diversity in the Thar Desert of Rajasthan*” organized by Desert Regional Station, Zoological Survey of India, Jodhpur 20th and 21st July 2000.
2. Actively participated in workshop organized by Uttaranchal Pollution Control Department, Haldwani on topic “*Decentralized waste water treatment systems and its scope in Uttaranchal*” from 29 and 30 June 2005.
3. Actively participated in DST funded National workshop entitled “*Methods in Behavioral Ecology*”, organized by *Center for Ecological Sciences, Indian Institute of Science, Bangalore* from 12th-24th January 2004 under the supervision of *Prof. R. Gadagkar*.
4. Actively participated in one day workshop entitled “*Water Conservation and Management*” at G. B. Pant University of Agriculture and Technology, Pantnagar on 30th November 2007. The workshop was organized by National Service Scheme, Dehradun with technical support of UCOST, Dehradun.
5. Actively participated in DST funded workshop entitled “*Thematic workshop on Avian Biology*” organized by Prof. (Dr.) Dinesh Bhatt, Department of Zoology and Environmental Science, Gurukul Kangri University, Haridwar from 27th Nov. 2008 to 30th Nov. 2008.
6. Actively participated in winter school program ‘**Geographical Information Systems and their Applications**’ organized by IIT, Allahabad on 27-31 January 2009.

Technical Trainings Done

1. Done short term training from Pollution Control Research Institute, BHEL, Haridwar in *Pollution Control techniques and Environmental Management Systems*.
2. Done training cum workshop on *Dale Carnegie Principals* conducted by Mission10x, Wipro in connection to the various aspects of teaching pedagogy in higher studies on 11 September 2009.
3. Participated in FDP on ‘**Teaching Pedagogy/Methodology**’ organized by College of Engineering Roorkee on 16-18 July 2009.
4. Done Short Term Course on topic ‘*Climate Change, Disaster and Sustainable Management*’ on 12-16 July 2010 from NITTTR, Chandigarh.
5. Participated in State level workshop on ‘**Rain Water Harvesting Training**’ organized by NCSTC, Department of Science and Technology, GOI, New Delhi & Ministry of Water Resources, Government of India, New Delhi on 3-4 February 2011.
6. Participated in one day workshop on ‘**Disaster Mitigation and Management Strategies**’ held in College of Engineering Roorkee on November 4, 2015.

Refresher Course


1. Done Refresher Course in **Environmental Science** from University Staff College, University of Kerala, from 2nd Jan. 2007 to 22nd of Jan 2007, scoring ‘A’ Grade.

2. Done Refresher Course in **Vedic Science** from 19 June 2022 to 2nd July 2022, Organized by University of Patanjali, Haridwar.

Other Work Experience

1. Performed as **Resource Person** for Solid Waste Management Programme in ATI (Administrative Training Institute), Nainital for one Session.
2. Performed as **Resource Person** to conduct training program on *Avian Identification, Ecology and Conservation for Forest Rangers* at Sushila Tewari Forest Research Institute, Haldwani.
3. Performed as **Resource Person** for in Central Government Organisation, Zoological Survey of India, Dehradun for '*Hands on Training on Animal Taxonomy and Faunal Diversity*', jointly organized by Zoological Survey of India, NRS Dehradun and Uttarakhand Science Education and Research Centre, USERC Dehradun on dated 22-2-2024.

All the given information's are true as per best of my knowledge



Dr. Romesh Kumar Sharma

References

Eminent Prof. (Dr.) Dinesh Chandra Bhatt

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