

CURRICULUM VITAE
DHARMENDRA SINGH
Date of Birth: 22nd March 1975

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Current Designation: Assistant Professor, Department of Zoology, Dyal Singh College, University of Delhi, Lodhi Road, New Delhi-110003, INDIA

Total Citation Index: 750 [Dated 15th September 2026]

H-Index: 14

Research Interest Score: 474.8

Research Area of Interest: Health & Natural Antioxidants, Hepatology & Reproduction, Drug Discovery & Design

ACADEMICS

- **Ph.D. (Zoology)** - University of Rajasthan, Jaipur, India, 2010
- **M.Phil. (Zoology)** - University of Delhi, Delhi, India, 1998
- **M.Sc. (Zoology)** - C.C.S. University, Meerut, India, 1997
- **B.Sc. (Biology)** - C.C.S. University, Meerut, India, 1995

TEACHING EXPERIENCE

- **1st Feb. 2012 to 5th June, 2024 (Ad hoc) & 7th June, 2024 to date (Permanent), as Assistant Professor**, Department of Zoology, Dyal Singh College, University of Delhi, Lodhi Road, New Delhi-110003, INDIA
 - **Current Assigned Theory Papers of B.Sc. (Hours) Zoology**
 - ❖ Diversity of Chordates, Ichthyology, and Human Physiology-Life Sustaining Systems.
 - **Contribution to Corporate/College Life**
 - ❖ Actively participated as a member of various committees of the College and Department.
 - ❖ Assistant Coordinator in IGNOU Study Centre in the college since its inception.

ACADEMIC ALLIANCE & AWARDS

- **National exposure** as an academic counselor for programs such as CES, PGDESD, PGDSS & M.Sc. Env.at (07175) IGNOU study center, Indira Gandhi National Open University, for the last 8 years.
- **International exposure** during IGNOU-GOAL Guyana collaboration for virtual counseling from July 2021 to date.
- **International Teaching Excellence Award 2021:** Awarded by IMRF, India, in appreciation of teaching/research, including academic counseling, Dec. 2021.

RESEARCH PROJECT

➤ **As Project Investigator:**

S. No.	Project Title	Funding Agency	Amount (Rupees)	Year	Status
01	E-Museum Development for Fauna listed in Delhi University Syllabus	Innovation Desk, University of Delhi	7 Lakhs	2015-16	Completed

CURRENT RESEARCH ASSIGNMENTS

- One ongoing research assignment on **“Nutritional and Lifestyle Management in Adolescents: A Foundation for Healthy Growth and Development”** in the Department of Zoology, Dyal Singh College, DU, New Delhi.
- One shared research assignment is ongoing, **“Phytochemical investigation & their possible bioactivation through hepatomodulatory antioxidant status of *Tecomella undulata* Vs Alcohol Induction”** with the Department of Chemistry & Zoology, University of Rajasthan, Jaipur.

IMMINENT RESEARCH PROSPECTS

- One research prospective assignment will be on **“Assessment of hepatoprotective ability by ‘Cassia-Combo’ Vs alcoholic and nonalcoholic liver ailment in mammals”** collaboratively with the Departments of Chemistry & Botany. It will be submitted to the Ministry of AYUSH, Govt. of India, New Delhi.
- Another assignment will be in the queue: **“Prominent bioactive compound from *Tecomella undulata* as hepatooxymodulator in mammalian experimental animals”** would like to be submitted to the potential funding agency.

FACULTY DEVELOPMENT & ENRICHMENT PROGRAMMES

- **Faculty Induction Programme (FIP)-** Completed on “Guru Dakshta” organized by the Malaviya Mission Teacher Training Centre, MDS University, Ajmer, Rajasthan, INDIA, from 1st February 2025 to 3rd March 2025.
- **Refresher Course-** Completed on “Research Methodology and Data Analysis Using SPSS / R” organized by the UGC-Malaviya Mission Teacher Training Centre, Bhagat Phool Singh Mahila Vishwavidyalaya, Sonapat, INDIA, from 15th to 28th April 2025.

➤ **Faculty Development Programme (FDP)**

- Completed a one-week FDP on “Unveiling Apiculture: Exploring the Art and Science of Beekeeping Methods and Applications” organized by Miranda House, Dyal Singh College & SGTB Khalsa College, University of Delhi from 10th to 16th Oct., 2023.
- Completed a one-week FDP on “NEP 2020 Orientation & Sensitization Programme” organized by UGC-MMTTC, University of Delhi from 16th to 26th July 2024.
- Completed FDP for 30 hours on “UG Research: A Way Forward” for skill development under UGCF NEP- 2020, organized by the Department of Zoology, University of Delhi from 22nd to 24th July 2025.

PROFESSIONAL RECOGNITION

- **Lifetime Member** - EASL-European Association for the Study of the Liver, SWITZERLAND
- **Peer Reviewer** - [1] Comparative Clinical Pathology (Springer Nature Link, Berlin, Germany)
[2] Journal of Basic and Clinical Pharmacy (INDIA)
[3] Journal of Molecular Histology (Springer Nature, Netherlands)
- **Techniques Proficiency**
 - Column Chromatography, Histology, Simple Light Microscopy, Fluorescence Microscopy, Hematology, Biochemical Assay, Antioxidant Assay, Cell Culture, ELISA, SDS-PAGE, Gel electrophoresis, PCR, RT-PCR, etc.
- **Computational**
 - MS Office (Word, Excel, and PowerPoint), Photoshop, Internet Explorer, etc.
- **Management**
 - Maintenance of Laboratory and Experimental Animal House Facilities

DOCTORAL TASK

Ph.D. Research: *Evaluation of the Hepatoprotective Activity of Selected Medicinal Plants in CCl₄-Intoxicated Rats* — Investigated the hepatoprotective, antioxidant, and toxicological effects of selected medicinal plant extracts and bioactive compounds using biochemical, antioxidant, hematological, and histopathological approaches in CCl₄-intoxicated albino rats. The study demonstrated significant protection against hepatic oxidative injury, restoration of altered biomarkers, and preservation of normal liver architecture.

LIST OF PEER-REVIEWED PUBLICATIONS [29]

[International-25]

1. RS Gupta and Dharmendra Singh. Amelioration of CCl₄-induced hepatosuppression by *Spinacia oleracea* L. leaves in wistar albino rats. *Pharmacologyonline* (Italy), 2006; 3: 267-278. ISSN: 1827-8620; SC Imago SJR: 0.13; [Citation Index: 22 (Dated: 15/09/2026)].
2. RS Gupta and Dharmendra Singh. Protective nature of *Murraya koenigii* leaves against hepatosuppression through antioxidant status in experimental rats. *Pharmacologyonline* (Italy), 2007; 1: 232-242. ISSN: 1827-8620; SC Imago SJR: 0.13; [Citation Index: 36 (Dated: 15/09/2026)].
3. RS Gupta and Dharmendra Singh. Hepatomodulatory role of *Enicostemma littorale* Blume against oxidative stress-induced liver injury in rats. *African J Agric Res* (Africa), 2007; 2(4): 131-138. ISSN: 1991-637X; Impact Factor: 0.263; [Citation Index: 26 (Dated: 15/09/2026)].
4. Dharmendra Singh and RS Gupta. Modulatory influence of *Abutilon indicum* leaves on hepatic antioxidant status and lipid peroxidation against alcohol in rats. *Pharmacologyonline* (Italy), 2008; 1: 253-262. ISSN: 1827-8620; SC Imago SJR: 0.13; [Citation Index: 27 (Dated: 15/09/2026)].
5. Dharmendra Singh, R Singh, P Singh, and RS Gupta. Effects of Embelin on lipid peroxidation and free radical scavenging activity against liver damage in rats. *Basic Clin Pharmacol Toxicol* (Denmark), 2009; 105: 243-248. ISSN: 1742-7843; Impact Factor: 4.084; [Citation Index: 129 (Dated: 15/09/2026)].
6. K. Arora, D. Jose, Dharmendra Singh, R.S. Gupta, P. Pardasani, and R.T. Pardasani. Stereoselective synthesis and antioxidant activity of Azabicycloadducts derived from 9, 10-phenanthrenequinone. *Heteroatom Chemistry* (UK), 2009; 20(7): 379-392. ISSN: 1098-1071; Impact Factor: 1.32; [Citation Index: 17 (Dated: 15/09/2026)].
7. Dharmendra Singh and RS Gupta. Hepatoprotective activity of methanol extract of *Tecomella undulata* against alcohol and paracetamol-induced hepatotoxicity in rats. *Life Sciences and Medicine Research* (USA), 2011; LSMR-26: 1-8. ISSN: 19487886; [Citation Index: 69 (Dated: 15/09/2026)].
8. Dharmendra Singh, U Sharma, P Kumar, Y Gupta, MP Dobhal, and Sarman Singh. Antifungal activity of plumericin and isoplumericin. *Natural Product Communications* (USA), 2011; 6(11): 1567-1568. ISSN: 1555- 9475; Impact Factor: 0.986; [Citation Index: 23 (Dated: 15/09/2026)].
9. P Kumar, A Kumar, U Sharma, Dharmendra Singh, MP Dobhal, and Sarman Singh. Antimycobacterial activity of plumericin and isoplumericin against MDR *Mycobacterium tuberculosis*. *Pulmonary Pharmacology and Therapeutics* (Italy), 2013; 26(3): 332-335. ISSN: 1094-5539; Impact Factor: 3.410; [Citation Index: 55 (Dated: 15/09/2026)].
10. DK Arya, A Verma, Dharmendra Singh and JBS Kachhawa. A review on pharmacological/biological activities of different derivatives of phenothiazines. *International Journal of Environment & Animal Conservation* (India), 2013; 2 (2): 24-31. ISSN: 2249-5185; [Citation Index: 04 (Dated: 15/09/2026)].
11. Dharmendra Singh, PV Arya, VP Aggarwal, and RS Gupta. Evaluation of antioxidant and hepatoprotective activities of *Moringa oleifera* Lam. Leaves in carbon tetrachloride-intoxicated rats. *Antioxidants* (Switzerland), 2014; 3: 569-591. ISSN: 2076-3921; Impact Factor: 7.675; [Citation Index: 130 (Dated: 15/09/2026)].
12. Dharmendra Singh, PV Arya, VP Aggarwal, A Sharma, MP Dobhal, and RS Gupta. Antioxidant potential of Plumieride against CCl₄ - induced peroxidative damage in rats. *Antioxidants* (Switzerland), 2014; 3: 798-813. ISSN: 2076-3921; Impact Factor: 7.675; [Citation Index: 30 (Dated: 15/09/2026)].

13. Dharmendra Singh, PV Arya, A Sharma, MP Dobhal, and RS Gupta. Modulatory potential of α -amyrin against hepatic oxidative stress through antioxidant status in wistar albino rats. *Journal of Ethnopharmacology* (Netherlands), 2015; 161: 186-193. ISSN: 0378-8741; Impact Factor: 4.360; [Citation Index: 66 (Dated: 15/09/2026)].
14. Fozail Ahmad, Dharmendra Singh, and PV Arya. Comparative evaluation of speciation and zoogeographical distribution for *Lamellodiscus* (Monogenea: Diplectanidae) using 18S rRNA. *International Journal of Innovation Sciences and Research* (India), 2015; 4(6): 235-241. ISSN: 2319-9369; Impact Factor: 7.392; [Citation Index: 03 (Dated: 15/09/2026)].
15. Fozail Ahmad, Dharmendra Singh, and PV Arya. *In silico* phylogenetic studies on some members of parasitic genus Gyrodactylus (Monogenea: Gyrodactylidae) for assessment of evolutionary relatedness inferred from 28S ribosomal RNA and geomapping the sample. *International Journal of Recent Scientific Research* (India), 2015; 6(7): 4970-4977. ISSN: 0976-3031; SJIF Impact Factor: 7.383; [Citation Index: 04 (Dated: 15/09/2026)].
16. Fozail Ahmad, Dharmendra Singh, and PV Arya. A Combination Study in Some Members of Monocotylidae (Monogenea) in Molecular Phylogeny Employing 28S rRNA along with Geographical Distribution. *International Journal of Science and Research* (India), 2015; 4(8): 1292-1299. E-ISSN: 2319-7064; SJ Impact Factor: 7.583; [Citation Index: 01 (Dated: 15/09/2026)].
17. Fozail Ahmad, Dharmendra Singh, and PV Arya. *In silico* phylogenetic study of Dactylogyrus (Class: Monogenea) using 18S rRNA with a note on zoogeographical investigations on the genus. *International Journal of Biological and Biomedical Sciences* (India), 2015; 4(8): 055-058. ISSN: 2319-9806; [Citation Index: 01 (Dated: 15/09/2026)].
18. Dharmendra Singh, PV Arya, N Koolwal, V Singh, R Saxena, MC Sharma, and RS Gupta. Protective role of *Bacopa monniera* L. against hepatic oxidative stress in wistar albino rats. *Journal of Pharmacognosy and Phytochemistry* (India), 2015; 4(4): 233-241. E-ISSN: 2278-4136; Impact Factor: RJIF 5.52; [Citation Index: 06 (Dated: 15/09/2026)].
19. Fozail Ahmad, Dharmendra Singh, PV Arya, and HS Singh. *In silico* phylogenetic tools employed on some members of five major families of Monogenea, viz., Monocotylidae, Ancylo-discoididae, Ancyrocephalidae, Cichlidogryidae, and Polystomatidae, for investigating their relatedness and global diversity distribution. *Journal of Experimental Zoology* (India), 2016; 19(1): 505-513. ISSN: 0972-0030; Impact Factor: NAAS Rating 5.51; [Citation Index: 01 (Dated: 15/09/2026)].
20. Dharmendra Singh, PV Arya, V Singh, D Arya, K Bhagour, and RS Gupta. Role of *Cressa cretica* on CCl₄- induced liver damage in experimental rats. *Journal of Pharmacognosy and Phytochemistry* (India), 2018; 7(1): 1368-1373. E-ISSN: 2278-4136; Impact Factor: RJIF 5.52; [Citation Index: 05 (Dated: 15/09/2026)].
21. Vikram Singh and Dharmendra Singh. Suppression of fertility by *Capparis spinosa* root extract through antioxidant alteration in reproductive system of male rats. *Journal of Medicinal Plants Studies* (India), 2019; 7(6): 179-184. ISSN (E): 2320-3862; Impact Factor: RJIF 5.69; [Citation Index: 01 (Dated: 15/09/2026)].
22. Vikram Singh and Dharmendra Singh. Antioxidative stimulation by di- and tri-organotin(IV) oximates against hepatic peroxidative stress in experimental animals. *International Journal of Chemical Studies* (India), 2019; 7(1): 443-448. E-ISSN: 2321-4902; Impact Factor: RJIF 6.78; [Citation Index: 01 (Dated: 15/09/2026)].
23. RK Malik, Dharmendra Singh, Anuradha, S. Kumar. Antioxidant activity of 2-Bromo-3-hydroxy-2 nitro propyl cinnamate against alcohol-induced oxidative damage in rats. *Asian Journal of Organic & Medicinal Chemistry* (India), 2020; 5 (2): 156-160. ISSN: 2456-8937; [Citation Index: 01 (Dated: 15/09/2026)].
24. Vikram Singh and Dharmendra Singh. *In vitro* antifungal activity and phytochemical analysis of lichen *Parmelia perlata* (L.) Ach. *International Journal of Pharmacognosy and Life Science* (India), 2020; 1(1): 59-67. E-ISSN: 2707-2835; [Citation Index: 01 (Dated: 15/09/2026)].
25. Vikram Singh and Dharmendra Singh. Protective appraisal of *Gynandropsis pentaphylla* leaves against hepatic injury in rats. *Journal of Medicinal Plants Studies* (India), 2020; 8(1): 66-70. ISSN (E): 2320-3862; Impact Factor: RJIF 5.69; [Citation Index: 01 (Dated: 15/09/2026)].

[National-4]

1. Rakesh Chaudhary, RS Gupta, JBS Kachhawa, Dharmendra Singh, SK Verma. Inhibition of spermatogenesis by Triterpenes of *Albizia lebbeck* (L.) Benth. pods in male albino rats. *Journal of Natural Remedies* (India), 2007; 7/1: 86-93. ISSN: 0972-5547; SC Impact Factor: 0.535; [Citation Index: 10 (Dated: 15/09/2026)].
2. U Sharma, Dharmendra Singh, P Kumar, MP Dobhal, and Sarman Singh. Antiparasitic activity of plumericin and isoplumericin from *Plumeria bicolor* against *Leishmania donovani*. *Indian J Medical Research* (India), 2011; 134: 709-716. ISSN: 0971-5916; Impact Factor: 5.274; [Citation Index: 64 (Dated: 15/09/2026)].
3. DK Arya, A Verma, Dharmendra Singh and JBS Kachhawa. Synthesis of 4H-1,4-Benzothiazine-1,1-dioxides (Sulfones). *Medicinal Drug Research* (India), 2013; 1(2): 5-9. ISSN: 0970-1524; [Citation Index: 01 (Dated: 15/09/2026)].
4. Fozail Ahmad, Dharmendra Singh, PV Arya, and HS Singh. *In silico* phylogenetic study on Ancyrocephalidae (Class: Monogenea) using 28S ribosomal RNA extending geo-mapping in search of evolutionary cues. *Biochemical and Cellular Archives* (India), 2015; 15(2): 391-399. E-ISSN: 0976-1772; Impact Score: 0.24; [Citation Index: 01 (Dated: 15/09/2026)].

Chapters in National / International Edited Books

- Dharmendra Singh and R S Gupta
Hepatoprotective activity of medicinal plants. In: *Indian Folk Medicine*, Trivedi P.C. (Editor), Pointer Publishers, Jaipur, India, 2007: 21-56. ISBN: 978-81-7132-521-4.

Chapters in e-PG Pathshala

- Dharmendra Singh and PV Arya
Morphology, Life Cycle, Genetic Aspects, Diagnosis of *Toxoplasma gondii*. In: *e-PG Pathshala for NME-ICT(UGC) in Zoology under MHRD Project*, 2017.

Mentorship in Summer Internship Programmes

- Worked as a mentor for undergraduate students in the Summer Internship Programme in the assigned area of “**Biodiversity, Aquatic Biology and Environmental Biology**,” Conducted by the Internal Quality Assurance Cell, Dyal Singh College, University of Delhi, Lodhi Road, New Delhi during **June-July 2019**.
- Worked as a mentor for undergraduate students in the Summer Internship Programme in the assigned area of “**Fish Biology- Aquarium Management, Behavioral Responses & Water Quality Analysis**,” Conducted by the Internal Quality Assurance Cell, Dyal Singh College, University of Delhi, Lodhi Road, New Delhi during **June-July 2026**.

PAPER PRESENTED (ORAL/POSTER) IN CONFERENCES (17)

[International]

1. **Dharmendra Singh** and GC Jain. Hepatoprotective effect of *Bacopa monnieri* Linn. in albino wistar rats. **International Seminar on Plant-Based Medicine**, organized by National Institute of Ayurveda, Jaipur, INDIA, held on October 25th to 27th, **2004**, p. 67.
2. RS Gupta, **Dharmendra Singh** and JBS Kachhawa. Amelioration and CCl₄-induced hepatotoxicity by *Spinacia oleracea* L. extract in wistar albino rats. **The 9th International Congress on Ethnopharmacology**, organized at Nanning, CHINA, held on Aug. 22nd to 26th, **2006**, p. 92.
3. **Dharmendra Singh**, A Gumber, R Gupta, and RS Gupta. Modulatory influence of *Abutilon indicum* leaves against oxidative damage in mammalian hepatocytes. **International Conference on "Free radical & Natural Products in Health" & Seventh Annual Meeting of the Society for Free Radical Research – INDIA**, organized by Department of Zoology, U.O.R., Jaipur, INDIA, held on Feb. 14th-16th, **2008**, p. 20.
4. **Dharmendra Singh** and RS Gupta. Fertility suppression by *Capparis spinosa* root extract through antioxidant alteration in the reproductive system of male rats. **International Symposium on "Biological Timing and Health Issues in the 21st Century"** organized by Department of Zoology, University of Delhi, New Delhi, INDIA, held on Feb. 21st to 24th, **2017**, p.65.
5. **Dharmendra Singh**, A. Sharma and R. S. Gupta. Antioxidant perspective of plumericin against CCl₄-induced hepatic oxidative stress in rats. **International Conference on "Global Perspectives of Medicinal Plants: Traditional System of Medicine to Nanomedicine" (ICGPMP-2025)** organized by the Department of Botany, Ramjas College, University of Delhi, Delhi, India, held on March 20th to 21st, **2025**, p.34.
6. Vikram Singh and **Dharmendra Singh**. Hepatoantioxidant potential of *Baliospermum montanum* root extract against alcohol-induced peroxidative damage in rats. **International Conference of Climate Change and Social Justice: Challenges and Solutions of Environmental Justice (ICCSJ-2026)**, organized by M.M.H. College, Ghaziabad, UP, INDIA, held on Feb. 27th to 28th, **2026**, p. 77.
7. **Dharmendra Singh**, Navneet Manav, and A K Bhagi. Hepatoantioxidant and phytochemical analysis of lichen- *Parmelia perlata* (Huds.) Ach. **International Conference on CBRNE-Related Threat to National Security and Safety-Antiterrorism Measures for Safe Environment (ICCTNSS-2026)** organized by Dyal Singh College & Department of Chemistry, University of Delhi, INDIA, held on March 12th to 13th, **2026**, p.66.

[National]

1. **Dharmendra Singh**, GC Jain and BS Khajja. Protective role of *Enicostemma hyssopifolium* (Wild) verd. on carbon tetrachloride-induced hepatotoxicity in Rats. **National Symposium on Recent Advances in Chemical Research**, organized by the Department of Chemistry, University of Rajasthan, Jaipur, INDIA, held on March 28th & 29th, **2005**, p. 21.
2. **Dharmendra Singh**, R Gupta, H Rahwani, and RS Gupta. Effect of *Capparis spinosa* root extract on reproductive functions of rats. **Conference on Recent Advances and Challenges in Reproductive Health Research**, organized by ICMR, New Delhi, INDIA, held on Feb. 19th to 21st, **2007**, p. 56.
3. **Dharmendra Singh**, PV Arya, VP Aggarwal, V Tomar, S Mullick, A Goel, and P Saxena. Development of an electronic museum for assessing zoological fauna for undergraduate courses in Delhi University. **National Conference on Environmental Conservation and Sustainable Era**, organized by the Department of Environmental Science, S.S. Jain Subodh P.G. College, Jaipur, INDIA, held on Dec. 20th to 22nd, **2012**, p. 72.
4. **Dharmendra Singh**, PV Arya, VP Aggarwal, S Mullick, and A Goel. Electronic Zoological Museum – An Innovative approach for the study of zoological fauna in the undergraduate courses of Delhi University. **National Symposium on Recent Trends in Innovative Research at Undergraduation: Science and Society**, organized by Sri Venkateswara College, University of Delhi, INDIA, held from Feb. 28th to March 2nd, **2013**, p. 110.
5. **Dharmendra Singh**, U Sharma, P Kumar, AK Sharma, MC Sharma, and S Singh. *In vitro* antifungal activity and phytochemical analysis of lichen – *Parmelia perlata* (L.) Ach. **Applications of Natural Products for Human Health & Bioremediation of Pollutants (NPBP 2013)**, Organized by Department of Zoology, U.O.R., Jaipur, INDIA, held on March 22nd-23th, **2013**, p. 55.
6. **Dharmendra Singh**, VK Bajaj, K Singh, and RS Gupta. Evaluation of antioxidant and hepatoprotective activities of *Nyctanthes arbor-tristis* Linn. leaves in carbon tetrachloride-intoxicated rats. **Applications of Natural Products for Human Health & Bioremediation of Pollutants (NPBP 2013)**, organized by the Department of Zoology, U.O.R., Jaipur, INDIA, held on March 22nd-23th, **2013**, p. 68.
7. **Dharmendra Singh**, PV Arya, V P Aggarwal, A Sharma, MP Dobhal, and RS Gupta. Antioxidant potential of Plumieride against CCl₄ - induced peroxidative damage in rats. **National Conference on Recent Advances in Biological Sciences (SYSCON-2014)**, organized by the Society of Young Scientists, AIIMS, New Delhi, INDIA, held on December 10th, **2014**, p. 71.

8. **Dharmendra Singh**, PV Arya, A Sharma, M P Dobhal, and R S Gupta. Modulatory potential of α -amyrin against hepatic oxidative stress through antioxidant status in wistar albino rats. *National Seminar on Relevance of Medicinal Plants in 21st Century*, Organized by Department of Botany, Ramjas College, University of Delhi, INDIA, held on February 10th - 11th, 2015, p. 51.
9. **Dharmendra Singh**, PV Arya, RK Yadav, VP Aggarwal, and RS Gupta. Suppression of fertility by induction of carbon tetrachloride through antioxidant alteration in the reproductive system of male rats. *National Conference on Environmental Impact on Health and Its Management: Eco-friendly Strategies and XXVII India Congress of Zoology*, organized by Department of Zoology, Centre for Advanced Studies, University of Rajasthan, Jaipur, INDIA, in Collaboration with Zoological Society of India, Gaya, held on February 08th to 10th, 2016, p. 98.
10. **Dharmendra Singh**, PV Arya, RK Yadav, and RS Gupta. Fertility suppression by alcohol consumption through antioxidant alteration in male rats. *National Conference on Changes in Lifestyle Influencing Adolescent Health (A Mid Term Activity of ISSRF)*, Organized by S.S. Jain Subodh P.G. College, Jaipur, INDIA, held on September 28th- 29th, 2019, p. 84.

PARTICIPATION IN CONFERENCES/WORKSHOPS/TRAININGS

[International Conference]

1. AIIMS Golden Jubilee International Symposium on *“Recent Advances in Reproductive Biology”*, organized by the Department of Reproductive Biology, AIIMS, New Delhi, held on Feb. 21st, 2006.
2. Xth International Symposium on *“Vectors and Vector-Borne Diseases”*, organized by Goa University & National Institute of Malaria Research, Goa, held from Nov. 4th to 6th, 2009.
3. International Conference on *“Cardiovascular Research Convergence”*, organized by the Department of Pharmacology and Cardiology, AIIMS, New Delhi, INDIA, held from Feb. 17th to 18th, 2012.
4. International E- Conference on *“Echoes of COVID-19 on Human Health: Present and Future Therapeutic Landscape”*, Jointly Organized by NASI, Rajasthan Chapter, ISSRF & Department of Microbiology, S.S. Jain Subodh P.G. College, Jaipur, India, held on August 11th to 12th, 2021.

[National Conference]

1. National Symposium on *“Sustainable Aquaculture”*, organized by the Department of Botany, University of Delhi, Delhi, held on Feb. 20th - 21st, 1998.
2. National Seminar on *“Environmental Problems of Jaipur”*, organized by Vedic Kanya P.G. Mahavidyalaya, University of Rajasthan, Jaipur, held on Feb. 25th, 2006.
3. National Seminar on *“Frontiers of Biosciences in New Millennium”*, organized by Department of Biotechnology, Gyan Vihar, School of P.G. Studies, University of Rajasthan, Jaipur, held on Feb. 27th to 28th, 2006.
4. National Symposium on *“Aids Awareness and Prevention Strategies”*, organized by Centre for Advanced Studies, Department of Zoology, University of Rajasthan, Jaipur, held on Dec. 1st, 2006.
5. National Symposium on *“Cancer: Diagnosis, Awareness & Treatment”*, organized by Centre for Advanced Studies, Department of Zoology, University of Rajasthan, Jaipur, held on Feb. 24, 2007.
6. National Seminar on *“Health Impact of Radiation: Current Status and Future Prospects”*, organized by Indian Society for Radiation Biology & Department of Zoology, University of Rajasthan, Jaipur, held on Feb. 9th, 2008.
7. National Seminar on *“1st Seminar on Chemistry & Biology Interface”*, organized by Dyal Singh College, University of Delhi, New Delhi, INDIA, held on May 11th, 2013.
8. National Symposium on *“Challenges in Tuberculosis Diagnosis and Treatment”*, organized by Division of Clinical Microbiology & Molecular Medicine, All India Institute of Medical Sciences, New Delhi, held on March 30th, 2016.
9. National Conference on *“Scientific Updates on Zoonotic Disease Control”*, organized by the Division of Clinical Microbiology & Molecular Medicine, All India Institute of Medical Sciences, New Delhi, held on July 06th, 2016.

[National Workshop/Training]

1. Participated in a one-day workshop on *“Advanced Techniques in Microbiology and Biotechnology”*, organized by Dr. Tanveer, Malawat College of Biosciences, Bikaner (Raj.), held on Jan. 31st, 2007.
2. Participated in a two-day short-term training program on *“In Silico Approaches for Drug Discovery”* held at Bioinformatics Infrastructure Facility (BIF), Centre of Excellence in Bioinformatics (COEBI), Department of Biochemistry, University of Lucknow, Lucknow, held on Sep. 9th to 10th, 2011.
3. Participated in two days Seminar cum Workshop on *“Computational Approaches for Lead Optimization in Drug Discovery”*, organized by Sri Venkateswara College, University of Delhi, Delhi, held on Dec. 22nd to 23rd, 2011.
4. Participated as a **trainer** in the one-day workshop cum hands-on training on *“Development of Website”*, organized by Dyal Singh College, University of Delhi, New Delhi, INDIA, held on April 13th, 2013.
5. Participated in the two-day *“3rd Training Workshop on Drosophila”*, organized by Drosophila Stock Center, Department of Zoology, University of Delhi, Delhi, INDIA, held on September 20th to 21st, 2013.
6. Participated as an **organizer** in the one-day *“TB Awareness Programme”* conducted by the Division of Clinical Microbiology & Molecular Medicine, AIIMS, New Delhi, INDIA, held on March 24th, 2014.
7. Participated in three days of Training/Workshop on *“Impact of Natural Disaster on Wildlife and Mitigation Strategies”* conducted by Amity Institute of Wildlife Sciences, Amity University, Noida, U.P., INDIA, held from May 21st to 23rd, 2014.
8. Participated in a one-day Training Workshop on *“Biochemistry of Metabolic Processes”* conducted by Kirori Mal College, University of Delhi, Delhi, INDIA, held on February 2nd, 2015.
9. Participated in a one-day Faculty Development Programme on *“eCognitio: An Innovative E-learning Workshop Promoting Student Participation and Collaborative Learning”* conducted by Dyal Singh College, University of Delhi, Delhi, INDIA, held on May 19th, 2016.

10. Participated in a one-day workshop on ***“Preservation and Conservation of Knowledge and Practices of North East with special reference to Cleanliness and Sanitation”*** under the *Swachhata Pakhwada* program of the Government of India jointly organized by TERI in collaboration with the Ministry of Development of North Eastern Region, New Delhi, INDIA, held on February 27th, **2017**.
11. Participated in a one-day Workshop & Hands-on Experience in ***“Advanced Spectroscopy & Dynamic Light Scattering”*** conducted by the Department of Zoology, Kirori Mal College, University of Delhi, Delhi, INDIA, held on October 9th, **2018**.
12. Participated in three days of a Hands-on Workshop Programme on ***“Confocal Microscopy”*** jointly organized by Department of Biotechnology, Jamia Millia Islamia, New Delhi and DSS Imagetech Pvt. Ltd., New Delhi, INDIA, held on March 05th to 07th, **2019**.
13. Participated as **Coordinator** in a short one-day Internship Training Programme on ***“Microbiological Techniques”*** organized by AIIMS, New Delhi & Department of Zoology, Dyal Singh College, University of Delhi, INDIA, held on August 29th, **2024**.
14. Participated in a one-day **Faculty Training Programme** on ***“Experimental Approaches in Evolutionary Immunology”*** organized by the Department of Zoology, Hindu College, University of Delhi, INDIA, held on January 21st, **2026**.

DR. DHARMENDRA SINGH

