


Biodata of Prof. Sunil Prakash Trivedi (S.P. TRIVEDI)

Present Position	Professor , Department of Zoology, University of Lucknow, Lucknow-226007																
Educational Qualifications	M.Sc. (Zool.), Ph.D., P.G.D. in Environ. Protection Laws, P.G.D. in Environ. Edun.																
Field of Specialization	Fishery sciences and Toxicogenomics																
Date of Birth	1 st August, 1960																
Mailing Address	45, Badshah Bagh, Lucknow University Campus, Lucknow-226007																
Contact Numbers	+919415063431 (Mobile) 0522-2740487(Home); 0522-2740230(Office)																
E-mails	sat060523@gmail.com ; trivedi_sp@lkouniv.ac.in																
Citation indices	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>All</th> <th>Since 2013</th> <th>RG Score</th> </tr> </thead> <tbody> <tr> <td>Citations</td> <td>461</td> <td>339</td> <td rowspan="3">21.81</td> </tr> <tr> <td>h-index</td> <td>11</td> <td>9</td> </tr> <tr> <td>i10-index</td> <td>11</td> <td>9</td> </tr> </tbody> </table>				All	Since 2013	RG Score	Citations	461	339	21.81	h-index	11	9	i10-index	11	9
	All	Since 2013	RG Score														
Citations	461	339	21.81														
h-index	11	9															
i10-index	11	9															
Teaching Experience	27 Years																
Research Experience	27 Years																
Research Publications	57 Research Papers, 19 Books, 16 Book Chapters																
Research guidance	Supervised 17 students for Ph.D. Degree																
Fellowships/Scholarships	U.G.C.-N.E.T. Fellowship [vide no. F.3-4(549/86) NET]																

Recognitions / Awards / Medals conferred:

1. **“Swami Maheshanand Giri Gold Medal”** (2018) conferred by Indian Academy of Environmental Sciences, Hardwar for valuable contribution in the disciplines of Zoology.
2. **“Dr. V.R.P. Sinha Medal”** (2017) conferred by The Zoological Society of India for outstanding research and academic contribution in the field of Toxicology.
3. **Elected, Member, The Council, The Indian Science Congress Association** for 2014-15, 2015-16, 2017-18 and 2018-19.
4. **Elected, Member, The Executive Committee, The Indian Science Congress Association:** 2013-14, 2012-13, and 2011-12.
5. **Zoological Society of India Congress Silver Jubilee Medal (2014).**
6. **“Gold Medal”** (2009) conferred by **Indian Academy of Environmental Sciences, Hardwar** for valuable contribution in the disciplines of Zoology, Environmental Sciences & Toxicology.
7. **“Scientists of the Year Award”** (2008) by Bioved Research Society, Allahabad.
8. **“Dr. B. S. Chauhan Gold Medal”** (2008) conferred by The Zoological Society of India for outstanding contribution in the field of Zoology.
9. **Recorder**, Animal & Veterinary Section, Indian Science Congress Association (2008-09 & 2009-10).
10. **“J.S. Dutta Munshi Gold Medal”** (2007) by the Zoological Society of India.

Referee of National / International Journals:

1. **Chemosphere, Elsevier, the U.S.A**

2. Journal of **Ecotoxicology & Environmental Toxicology**, Elsevier the U.S.A.
3. **Cell & Molecular Biology Letters**, Springer, the USA.
4. Journal of **Environmental Biology**, India
5. **Mutation Research**: Genetic toxicology and environmental mutagenesis, Elsevier the U.S.A.

Administrative/Academic Assignments held in chronological order:

(My contribution to corporate life in the management of my alma mater)

A. University level	1. Chief Provost , University of Lucknow, Lucknow (2015-16)
	2. Provost , Lal Bahadur Shastri Hall, University of Lucknow, (2010-2016).
	3. Superintendent of Works , University of Lucknow (2010-11).
	4. Director , Planning & Development (Additional charge) University of Lucknow.
	5. Additional Proctor , University of Lucknow. 2010-2011.
	6. Additional Chief Provost , University of Lucknow, (2010-11)
	7. Superintendent , Lucknow University U. G. (Sci. & Comm.) Annual Examination-2004.
	8. Superintendent , U.P.-S.L.E.T. Examination-2004 at Lucknow University Centre.
	9. Additional Director , L.U.-U.G. Admissions-2004.
	10. Provost , Chandra Shekhar Azad Hall 2003-2004.
	11. Assistant Proctor : 1997-98 and 1998-99.
	12. Assistant Director , L.U. – P.G.A.T. for the Session: 1996-97
	13. Assistant Coordinator , Coding and Storage cell: 1995-96.
	14. Assistant Provost of Lal Bahadur Shastri Hall, for the sessions: 1991-92, 1992-93, 1993-94, 1995- 96, 1996-1997, 1997-98 and 1998-99
	15. Assistant Superintendent , Checking Squad during Lucknow University Examinations for three Academic Sessions: 1990-91, 1991-92 and 1992-93
B. State level	1. Co-Coordinator , J.E.E., B.Ed. 2016, Uttar Pradesh.
	2. Co-Coordinator , J.E.E., B.Ed. 2015, Uttar Pradesh.
	3. Observer , Second B.Ed. Counseling (2008), Dr. Bhimrao Ambedkar University , Agra.
C. National Level	1. Member , Expert committee under the Special Assistance Programme (SAP) in the subject Zoology/Animal Biology , nominated by the University grants Commission (UGC), New Delhi .
	2. Member , Expert committee for evaluation of Minor Research Projects in the subject area Zoology, UGC, Central Regional Office, Bhopal, Madhya Pradesh (2016).
	3. Member , Expert committee for evaluation of Minor Research Projects in the subject area Zoology, UGC, Central Regional Office, Bhopal, Madhya Pradesh (2015).
	4. Expert Member , Best Poster Award Programme in the “ Section of the Environmental Sciences ”, held at 102nd Indian Science Congress at University of Mumbai, Mumbai.
	5. Prominent Educationist as Member , Preliminary Interview Board of Commission in the Territorial Army .

Membership of Scientific Societies/Bodies:

- i. Member, Asia Pacific Organization for Cancer Prevention, **Korea.**
- ii. Life member, **Indian Science Congress Association.**
- iii. Life member, **Zoological Society of India, Bodhgaya.**
- iv. Life member, **International Society of Applied Biology.**
- v. Life member, **Society of Toxicology, India.**
- vi. Life member, **Academy of Environmental Biology.**
- vii. Life member, **Zoological Society, Calcutta.**

Association with Social Environmental Bodies:

- i. Honorary senior correspondent, “**The Green Trend**”.
- ii. Honorary expert on Aquatic Pollution for **E.P.G. (Earth Protection Group).**

Fellowships/Awards of the Academic Bodies/Societies:

- I. **F.A.Sc.A,W** : Fellow of the Academy of Science for Animal Welfare.
- II. **F.Z.S. (Cal.)** : The honorary National Fellowship of the Zoological Society.
- III. **F.A.E.B.** : Fellow Academy of Environmental Biology.
- IV. **F.Z.S.I.** : Fellow Zoological Society of India.
- V. **F.I.A.E.S.** : Fellow Indian Academy of Environmental Sciences.
- VI. **F.B.R.S.** : Fellow Bioved Research society.

Association with National and State Universities/ Institutes/ Organizations:

1. **Expert**, Selection committee, L. N. Mithila University, Darbhanga, Bihar.
2. **Member**, Inspection Panel, for grant of affiliation in M.Sc. and B.Sc. for associated colleges of Mahatma Jyotiba Phule Rohilkhand University, Bareilly.
3. **Examiner**, Ph.D. thesis evaluation, **Central Institute of Fisheries Education (CIFE)**, Mumbai.
4. **Member**, Board of studies, Environmental Sciences, R.M.L. University, Faizabad.
5. **Member, Research Development Council, IFTM University**, Moradabad.
6. **Examiner**, M.F.Sc. Program in the discipline of **Fish Physiology and Biochemistry**, (CIFE), Mumbai.
7. **Examiner**, Ph.D. thesis evaluation in the **G.B. Pant University of Agriculture and Technology**, Pant Nagar, Uttarakhand.
8. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **D.D.U.Gorakhpur University**, Gorakhpur, Uttar Pradesh.
9. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **Lalit Narayan Mithila University**, Kameshwar Nagar, Darbhanga, Bihar.
10. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **Magadh University**, Bodhgaya, Bihar.
11. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **Guwahati University**, Guwahati, Assam.
12. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, Dr. Bbabsaheb Ambedkar University, Aurangabad, **Maharashtra**,
13. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **Jiwaji University**, Gwalior, Madhya Pradesh.

14. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **C.S.J.M. University**, Kanpur, Uttar Pradesh.
15. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **MJP Rohilkhand . University**, Bareilly.
16. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **Bhupendra Narayan Mandal University**, Madhepura, Bihar.
17. **Examiner**, Ph.D. thesis evaluation in the discipline of Toxicology, **Jamia Hamdard. University**, New Delhi.
18. **Examiner**, Ph.D. thesis evaluation in the discipline of Zoology, **Swam Ramanad Teerth University, Nanded**, Maharashtra.
19. **Expert Member**, Project evaluation, **Madhya Pradesh State Council of Science & Technology, Bhopal**.

Association with Professional/Academic Committees:

1. **Member**, Committee of **Dr. Chakravarti / Chancellor's Gold Medal**, University of Lucknow, Lucknow.
2. **Member, Advisory Board**, Maharaja Agrasen Mahavidyalaya, Rampur Garden, Bareilly, Uttar Pradesh.
3. **Expert Member**, Research Development Council in Zoology, **IFTM University, Moradabad**.
4. **Member, Advisory Board**, Zoological Society of India.
5. **Member**, Committee for improvement of Academic system of University of Lucknow to World level.
6. **Expert Member**, Screening cum Evaluation Committee, Janta College Bakewar, Etawah.
7. **Member**, Central Purchase Committee, University of Lucknow, Lucknow.

Association with Advisory/Editorial Board of Societies/Journals:

1. Member; advisory Board, **Journal of Environment and Biosciences**.
2. Member, Advisory Board, **Proceedings of the Zoological Society**.
3. Editorial Advisors; **ENVIRO-TALK, a Newsletter** published by Society for Environmental Protection, Lucknow.
4. Honorary expert on Aquatic Pollution for **E.P.G. (Earth Protection Group)**.
5. Research Editor, **Research in Environment and Life Sciences**.
6. Member, The Executive Committee, **the Zoological Society of India**.

Special/ Invited Lectures delivered:

1. "Novel approaches for environmental monitoring of aquatic regimes" in National seminar on Researches in Environment and biosciences: Current scenario and future perspectives, organized by D.A.V. P.G. College, Dehradun in association with Indian academy of environmental sciences (IAES), Haridwar, 22nd -23rd June,2018.
2. "Toxicogenomics in fish: Approach and application" in 105th Indian Science Congress held at Manipur University, Imphal, from 16th to 20th March. 2018.
3. "पर्यावरण प्रदूषण नियंत्रण में भारतीय संस्कृति, दर्शन एवं आचार – विचारों की भूमिका.", अंतर-राष्ट्रीय वैज्ञानिक संगोष्ठी, विषय, पर्यावरण प्रदूषण : चुनौतियां एवं रणनीतियां., सी एस आई आर - भारतीय विषयविज्ञान अनुसंधान संस्थान, लखनऊ, द्वारा ११- १३ अक्टूबर २०१७ को आयोजित।








4. "Chromium induced DNA damage and induction of micronuclei in peripheral blood cell of fish *Channa punctatus*" in an International symposium on Culture based fisheries in inland open water and satellite symposium on fish immunology-2017 & 29th all India Congress of Zoology (AICZ) , organized by Central Inland Fisheries Research Institute, Barrackpore, WB. From 9th – 11th June 2017.
5. "Role of IMMUNOSTIMULANTS in Fish Health management" in 104th Indian Science Congress held at Sri Venkateswara University, Tirupati, Andhra Pradesh from 3rd Jan. to 7th Jan. 2017.
6. "Effect of xenobiotics induced oxidative stress in fishes" in an International symposium on understanding the molecules of life in the era of new biology & 28th all India Congress of Zoology (AICZ) on 20-22nd October, 2016 and sponsored by Davangere University Life Science Departments, Shivagangothri, Davangere, Karnataka, India.
7. "Micronucleus test; a viable tool, for impact assessment of toxicants in fish model" in 103th Indian Science Congress held at University of Mysore, Mysuru, Karnataka from 3rd Jan. to 7th Jan. 2016.
7. "Role of Indian ethos and philosophy in perspective of natural disaster" in National conference on climate change, environmental pollution and biodiversity conservation. Feb.24-25, 2018. Organized by CSIR- National botanical research institute, Lucknow.
8. "Cytotoxicity biomarkers in fishes" in 30th All India congress of Zoology and national seminar on Advances in Zoology for sustainable development, Feb.15-17, 2018, organized by Kurukshetra University, Kurukshetra.
9. 'Aquaculture: Prospects and Problems', Lecture delivered during Refresher Course in Zoology-2013 on 28/01/2013 at Department of Zoology, University of Lucknow.
10. 'MNT(Micronucleus Test): A potential tool for evaluation of In Vivo Genotoxicity in Fishes', Lecture delivered during Refresher Course in Zoology-2012 on 01/02/2012 at Department of Zoology, University of Lucknow.
11. 'Wild life conservation strategies and human intervention in forest area, a real threat.' at National conference on "Strategies for Management of animal resources and their role in rural upliftment (SMASRUP)" held at Arya Mahila (P.G.) College, Shahjahanpur (17th-18th Feb., 2010).
12. 'Detergent Pollution: An Ecotoxicological Approach' during Fourth National Seminar on Status of Bio-diversity and Conservation under the aegis of UGC SAP, held at Department of Zoology and Environmental Sciences, Gurukul Kangri University, **Hardwar** (February 27-28, 2009).
13. 'Endangered Animals of India and Their Illegal Trade', during Refresher Course at New Atrs, Commerce and Science College, Ahamednagar , University of Pune (April, 2005).





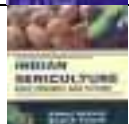




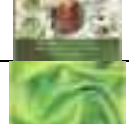

14. 'Environmental Impact Assessment (EIA) & its Relevance in Modern Times, during Refresher Course at New Atrs, Commerce and Science College, Ahamednagar, University of Pune (April, 2005).
15. Blood coagulation and its functional significance, delivered at Abdul Razzak (P.G.) college, Joya , Amroha, U.P. on 30 June 2018.

Seminar/Symposia/Conference Organized:

1. Co-patron, International Conference on faunal Biodiversity and their Conservational strategies, March 22-23, 2014.
2. Organizing Secretary "22nd All India Congress of Zoology , held at department of Zoology University of Lucknow, Lucknow, Dec. 29 – 31, 2011
3. National Seminar on "Recent Advances in Biological Sciences: Biodiversity and Human Welfare" held at the University of Lucknow, Lucknow, Dec. 29-31, 2011.
4. 18th All India Congress of Zoology , held at the University of Lucknow, Lucknow, Dec. 7 – 9, 2007
5. National Seminar on "Current Issues on Applied Zoology and Environmental Sciences with Special Reference to Eco-restoration and Management of Bio-resources" held at the University of Lucknow, Lucknow, Dec. 7 – 9, 2007

Books Published (Authored/Co-authored/Edited):

S. N.	Book Title	
1.	Biodiversity and Environmental Biology; 2013. Eds. Sunil P. Trivedi, B. N. Pandey, MadhuTripathi and AbhaTrivedi;Alfa Publications, New Delhi-110002; ISBN 978-93-82302-45-2.	
2.	Biodiversity and Wildlife Management; 2009. Eds. Sunil P. Trivedi, B. N. Pandey, K. Jaiswal and B. D.Joshi;Alfa Publications, New Delhi-110002; ISBN 978-81-907695-9-4.	
3.	Bioinformatics, Biotechnology and Bioremediation; 2009. Eds. B. N. Pandey, Sunil P. Trivedi, K. Jaiswal and Y. K. Sharma.Sarup Publications, New Delhi-110002; ISBN 978-81-7625-921-7.	
4.	Bio-resources and their Management; 2012. Eds. Sunil P. Trivedi, S. Jahageerdar, K.V. Rajendran and Dilip Kumar;Alfa Publications, New Delhi-110002, ISBN 978-93-81465-53-0.	
5.	Cell and Molecular Biology; 2009. Eds. B. N. Pandey, Sunil P. Trivedi, K. Jaiswal and D. K. Gupta;APH Publications, New Delhi-110002; ISBN 978-81-313-0504-1.	
6.	Environment and Society, 2009. Eds. A. Trivedi, K. Jaiswal, Sunil P. Trivedi and B. N. Pandey; APH Publications, New Delhi-110002; ISBN 978-81-313-0502-7.	
7.	Environmental Monitoring and Management, 2009; Eds. A. Trivedi, K. Jaiswal, B. N. Pandey and Sunil P. Trivedi; Alfa Publications, New Delhi-110002, ISBN 978-81-90784-38-2	

8.	Environmental Toxicology , 2009 Eds. Sunil P. Trivedi , K. Jaiswal, B. N. Pandey and J. P. Shukla; APH Publications, New Delhi-110002 , ISBN 978-81-313-0503-4.	
9.	Fish and Fisheries , 2009. Eds. B. N. Pandey, Sunil P. Trivedi , K. Jaiswal and N. K. Sethi; Sarup Publications, New Delhi-110002 ; ISBN 978-81-762-5917-0.	
10.	Fish Biology and Eco-toxicology; 2012 ; Eds. Dilip Kumar, Sunil P. Trivedi , S. Jahageerdar, K.V. Rajendran and B. N. Pandey; Alfa Publications, New Delhi-110002 ; ISBN 978-93-81465-55-4.	
11.	Fundamentals of Toxicology; 2005 . Authors: K. Pandey, J. P. Shukla & S.P. Trivedi New Central Book Agency, Kolkata-700009	
12.	Indian Sericulture Past, Present and Future, 2009 , Eds. K. Jaiswal, Sunil P. Trivedi , B. N. Pandey & P. N. Pandey; Alfa Publications, New Delhi- 110002 ; ISBN 978-81-907695-8-7.	
13.	Molecular Biology; 2013 (eds. Sunil P. Trivedi , Ajay K. Sharma, Monisha Banerjee and Indrani Dubey), Alfa Publications, New Delhi-110002 ; ISBN 978-93-82302-44-5.	
14.	Moriculture; 2009 , (eds. K. Jaiswal, Sunil P. Trivedi , B. N. Pandey and R. K. Khatri) APH Publications, New Delhi-110002 ; ISBN 978-81-313-0505-8.	
15.	Mulberry Sericulture; 2009 (eds. K. Jaiswal, Sunil P. Trivedi , B. N. Pandey and A. K. Tripathi) APH Publications, New Delhi-110002 ; ISBN 978-81-313-0506-5.	
16.	Recent Trends in Sericulture, 2011 (eds. Dilip Kumar, P.N. Pandey, Kamal Jaiswal, Sunil P. Trivedi , Md. Razauddin) Narendra Publishing House, New Delhi-110006 ; ISBN 978-93-80428-27-7.	
17.	Silk in New Millennium; 2009 , (eds. B. N. Pandey, Sunil P. Trivedi , K. Jaiswal and A. K. Karnatak) Sarup Publications, New Delhi-110002 ; ISBN 978-81-7625-913-2.	
18.	World of Pests and Parasites; 2009 (eds B. N. Pandey, Sunil P. Trivedi , K. Jaiswal and N. Gupta) Sarup Publications, New Delhi-110002 ; ISBN 978-81-7625-916-3.	
19.	“भारत के प्राचीन ग्रंथों में उपलब्ध मत्स्य एवं मात्स्यिकी” ; 2010 (Authors: Dilip Kumar, P.N.Pandey, B.N.Pandey, B.D.Joshi, Sunil Trivedi and Vineeta Ghildiyal) Narendra Publishing House, Delhi. ISBN: 978-93-80428-12-3	

Book chapters published in edited books:-

1. Cr6+ induced oxidative stress and altered expression of p53 and bax genes in fish *Channa punctatus* (bloch). Yashika Awasthi and **Sunil P. Trivedi**, *Role of Animal Sciences in National Development Vol. 4: Animal Physiology*, Eds. B. B. Kaliwal, A. K. Sexena, Smt.

- Vijaya Laxmi Sexena and Smt. R. D. Sanakal, Today and Tomorrow's Printers and Publishers, (2017) pages 125-136
2. Ameliorative effect of curcumin against chromium induced micronuclei in blood cells of fresh water fish *Channa punctatus*. Rajesh Prasad and **Sunil P. Trivedi**, *Role of Animal Sciences in National Development Vol. 2: Biotechnology for Human Welfare*, Eds. B. B. Kaliwal, G. K. Kulkarni, R. B. Kaliwal and S. O. Sadashiv, Today and Tomorrow's Printers and Publishers, (2017) pages 265-271.
 3. Cr (VI) induced antioxidant and gene expression responses in fish *Channa punctatus* (Bloch). Yashika Awasthi, Manoj Kumar and **Sunil P. Trivedi**, *Recent trends and Experimental Approaches in Science, Technology and Nature*, Eds S. Verma and S.K. Gangwar, Society for Science and Nature and Oura Prakashan, (2016), pages 296-301 (ISBN no. 978-81-935281-7-4)
 4. "Histoanatomical and biochemical effects of chromium trioxide (CrO₃) on the kidney of a fresh water food fish, *Channa punctata*" Mamta Pal, Abha Trivedi, Manoj Kumar, Vivek Kumar And **Sunil P. Trivedi**, *Biodiversity and Environmental Biology*, Eds. Sunil P. Trivedi, B.N. Pandey, Madhu Tripathi and Abha Trivedi, Alfa publications, (2013) pages 1-14.
 5. "Biodiversity of the freshwater fishes in the tributaries of Ganga basin, northern india: changing pattern and management perspectives" U. K. Sarkar, V. K. Dubey, A. K. Dwivedi, A. Dabas G. E. Khan, S. K. Mishra, **S. P. Trivedi**, B. K. Gupta, S. P. Singh, A. K. Pathak, A. K. Singh, M. Tripathi and A. Pal, *Biodiversity and Environmental Biology*, Eds. Sunil P. Trivedi, B.N. Pandey, Madhu Tripathi and Abha Trivedi, Alfa publications, (2013) pages 117-136.
 6. "Detrimental effects of Chromium Trioxide (CrO₃) on the Histoanatomy of liver cells and Biochemical Parameters in a fresh water food fish, *Channa punctata*" Mamta Pal, Indrani Dubey, Manoj Kumar, Vidyanand Tiwari, Anubha Shukla and **Sunil P. Trivedi**, *Molecular Biology*, Eds. Sunil P. Trivedi, Ajay K. Sharma, Monisha Banerjee and Indrani Dubey, Alfa publishers, (2013), pages 92-98.
 7. "Haematological anomalies along with changes in water quality caused by chromium trioxide in a fresh water food fish, *Channa punctata*" Mamta Pal, Manoj Kumar, Indrani Dubey, Vidyanand Tiwari, Vivek Kumar and **Sunil P. Trivedi**, *Fish Biology and Eco Toxicology*, Eds. Dilip Kumar, Sunil P. Trivedi, S. Jahageerdar, K.V. Rajendran and B.N. Pandey, Alfa publications. (2012), pages 1-9.
 8. "Assessment of genotoxicity in fish by Random Amplified Polymorphic DNA-Polymerase Chain Reaction (RAPD-PCR) Atindra Kumar Pandey and **Sunil P. Trivedi**, *Biodiversity*

- and human welfare. (2010), Proceedings of 19th All India Congress of Zoology. pages 221-225.
9. प्राचीन भारत में मत्स्य एवं मात्सियकी चैतन्यता : एक पुरातात्विक अध्ययन' in “भारत के प्राचीन ग्रंथों में उपलब्ध मत्स्य एवं मात्सियकी” ; (Authors: Dilip Kumar, P.N.Pandey, B.N.Pandey, B.D.Joshi, Sunil Trivedi and Vineeta Ghildiyal) Narendra Publishing House, Delhi. (2010) page 132-138.
 10. ‘प्राचीन भारतीय कला एवं संस्कृति में मत्स्य एवं मात्सियकी’ in “भारत के प्राचीन ग्रंथों में उपलब्ध मत्स्य एवं मात्सियकी” ; (Authors: Dilip Kumar, P.N.Pandey, B.N.Pandey, B.D.Joshi, Sunil Trivedi and Vineeta Ghildiyal) Narendra Publishing House, Delhi. (2010) page 117-131.
 11. “Micronucleus assay in a fish model after in vivo exposure to chromium (VI)” Kamlesh K. Yadav and **Sunil P. Trivedi**, *Cell and Molecular Biology*, Eds. B.N.Pandey, Sunil P.Trivedi, Kamal Jaiswal and D.K. Gupta, APH publishing corporation.(2009) pages 1-14.
 12. “Effects of copper on gills of freshwater fish, channa punctatus-a histopathological study” Dharam Singh, KamleshNath, Y. K. Sharma and **S. P. Trivedi**, *Fish and Fisheries*, Eds. B.N.Pandey, Sunil P. Trivedi, Kamal Jaiswal and Navneet Kaur Sethi, Sarup book publishers pvt. Ltd. (2009) pages 44-55.
 13. “LAS induced Pathomorphological lesions in skin of fish, *Heteopneustesfossilis*” Abha Mishra, Kamlesh K. Yadav, Navneet K. Sethi, Manoj Kumar and **Sunil P. Trivedi**, *Fish and Fisheries*, Eds. B.N.Pandey, Sunil P. Trivedi, Kamal Jaiswal and Navneet Kaur Sethi, Sarup book publishers pvt. Ltd. (2009) pages 130-139.
 14. “Influence of the Random Amplified Polymorphic DNA (RAPD) Markers in fish research” Atindra Kumar Pandey, N. S. Nagpure and **Sunil P. Trivedi**, *Bioinformatics Biotechnology and Bio-Remediation*, Eds. B.N.Pandey, Sunil P.Trivedi, Kamal Jaiswal and Yogesh K. Sharma, Sarup Book Publishers Pvt. Ltd. (2009), pages 15-24.
 15. Risk Assesment and Management of Detergent Pollution”, Indrani Dubey, Manoj Kumar, Abha Mishra, Mamta Pal and **Sunil P. Trivedi**. *Environmental Toxicology*, Eds. Sunil P. Trivedi, Kamal Jaiswal, B.N.Pandey and J.P.Shukla, APH Publishing Corporation, (2009) page 1-15.
 16. Remedies from nature, Navneet K. sethi, Rajesh K. Srivastava and **Sunil P. Trivedi**, *Environment and society*, Eds. Abha Trivedi, Kamal Jaiswal, Sunil P. Trivedi and B.N. Pandey. APH Publishing corporation, (2009) page 47-77.



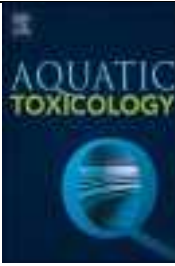


List of 05 Best Published Research Papers:














1. Yashika Awasthi, Arun Ratn, Rajesh Prasad, Manoj Kumar and **Sunil P. Trivedi** (2018).
An in vivo analysis of Cr⁶⁺ induced biochemical, genotoxicological and transcriptional

profiling of genes related to oxidative stress, DNA damage and apoptosis in liver of fish, *Channa punctatus* (Bloch, 1793). *Aquatic Toxicology*, DOI: 10.1016/j.aquatox.2018.05.001.









2. Anubha Shukla and **Sunil P. Trivedi**. An in vitro analysis of the rat C6 glioma cells to elucidate the linear alkylbenzene sulfonate induced oxidative stress and consequent G2/M phase cell cycle arrest and cellular apoptosis. *Chemosphere* 205 (2018) 443-451.
3. Arun Ratn, Rajesh Prasad, Yashika Awasthi, Manoj Kumar, Abha Misra, and **Sunil P. Trivedi** (2018). Zn²⁺ induced molecular responses associated with oxidative stress, DNA damage and histopathological lesions in liver and kidney of the fish, *Channa punctatus* (Bloch, 1793). **Ecotoxicology and Environmental Safety**, **151**, 10-20. (DOI: 10.1016/j.ecoenv.2017.12.058) **Impact Factor: 3.743**.
4. Shraddha Dwivedi, Manoj Kumar & **Sunil P. Trivedi**. (2017) Mitigating potential of *Melissa officinale* against As³⁺-induced cytotoxicity and transcriptional alterations of Hsp70 and Hsp27 in fish, *Channa punctatus* (Bloch). **Environ Monit Assess** (2017) 189:306, Springer, USA (DOI: 10.1007/s10661-017-6002-7, **Impact Factor: 1.687**).
5. Arun Ratn, Yashika Awasthi, Manoj Kumar, Sunil Kumar Singh, Renu Tripathi, **Sunil P. Trivedi**. (2017). Phorate induced oxidative stress, DNA damage and differential expression of p53, apaf-1 and cat genes in fish, *Channa punctatus* (Bloch, 1793). **Chemosphere**, **182**, 382-391, Elsevier, USA (DOI:10.1016/j.chemosphere.2017.05.008, **Impact Factor: 4.208**).









List of Published Research Papers (57) in National/International Journals:













1.	Abha Trivedi and Sunil P. Trivedi (2018), Histopathological findings in gill tissues of <i>Heteropneustes fossilis</i> (Bloch, 1793) sub-lethally exposed to linear alkyl benzene sulphonate (LAS). <i>J. Env. Bio-Sci.</i> , 2018: Vol. 32 (1): 177-182	
2.	 Yashika Awasthi, Arun Ratn, Rajesh Prasad, Manoj Kumar and Sunil P. Trivedi (2018). An in vivo analysis of Cr ⁶⁺ induced biochemical, genotoxicological and transcriptional profiling of genes related to oxidative stress, DNA damage and apoptosis in liver of fish, <i>Channa punctatus</i> (Bloch, 1793). <i>Aquatic Toxicology</i> , DOI: 10.1016/j.aquatox.2018.05.001.	
3.	 Anubha Shukla and Sunil P. Trivedi . An <i>in vitro</i> analysis of the rat C6 glioma cells to elucidate the linear alkylbenzene sulfonate induced oxidative stress and consequent G2/M phase cell cycle arrest and cellular apoptosis. <i>Chemosphere</i> 205 (2018) 443-451.	



4.	 Arun Ratn, Rajesh Prasad, Yashika Awasthi, Manoj Kumar, Abha Misra, and Sunil P. Trivedi (2018). Zn ²⁺ induced molecular responses associated with oxidative stress, DNA damage and histopathological lesions in liver and kidney of the fish, <i>Channa punctatus</i> (Bloch, 1793). <i>Ecotoxicology and Environmental Safety</i> , 151, 10-20.	
5.	V. Tiwari, M. Kumar and S. P. Trivedi (2017). Protective effects of perennial herb, <i>Melissa officinalis</i> against furadan 3G induced cytotoxicity in <i>Channa punctatus</i> . <i>J. Environ. Biol.</i> 38(6): 1375-1381.	
6.	Abha Misra and Sunil P. Trivedi (2017). Haematological anomalies under the xenobiotic stress of LAS in a fresh water teleost, <i>Heteropneustes fossilis</i> . <i>Proc.Zool.Soc.India.</i> 16 (1):101-104.	
7.	 Anubha Shukla and Sunil P. Trivedi (2017). Anionic surfactant, Linear alkyl benzene sulphonate induced oxidative stress and hepatic impairments in fish <i>Channa punctatus</i> . <i>Proc. Zool. Soc.</i> DOI: 10.1007/s12595-017-0223-1	
8.	 Shraddha Dwivedi, Manoj Kumar & Sunil P. Trivedi . (2017) Mitigating potential of <i>Melissa officinale</i> against As ³⁺ -induced cytotoxicity and transcriptional alterations of Hsp70 and Hsp27 in fish, <i>Channa punctatus</i> (Bloch). <i>Environ Monit Assess</i> (2017) 189:306	
9.	 Arun Ratn, Yashika Awasthi, Manoj Kumar, Sunil Kumar Singh, Renu Tripathi, Sunil P. Trivedi . (2017). Phorate induced oxidative stress, DNA damage and differential expression of p53, apaf-1 and cat genes in fish, <i>Channa punctatus</i> (Bloch, 1793). Chemosphere , 182, 382-391.	
10.	Antigenotoxic effect of turmeric powder extract curcumin against chromium trioxide induced genotoxicity in fish <i>Channa punctatus</i> . Rajesh Prasad, Manoj Kumar and Sunil P. Trivedi . <i>Journal of Entomology and Zoology Studies</i> 2017; 5(1): 89-94.	
11.	Vidyanand Tiwari, Manoj Kumar and Sunil P. Trivedi (2016). "Amelioration by Sarpagandha root extract to counter DNA Damage induced by Carbofuran in fish using RAPD tool". J. Env. Bio-Sci., 2016: Vol. 30 (1):87-93	
12.	Manoj Kumar, Arun Ratna, Rajesh Prasad, S. P. Trivedi , Y. K. Sharma & A. K. Shukla (2015). "Assessment of Zinc Bioaccumulation in fish <i>Channa punctatus</i> exposed chronically". G.J.B.B., VOL.4 (4), 347-355, ISSN: 2278 – 9103.	
13.	Shraddha Dwivedi and Sunil P. Trivedi (2015). "Behavioural, Morphological and Chromatophoric alterations induced by Arsenite exposure in freshwater fish, <i>Channa punctatus</i> (Bloch.). Int. J. Pharm. Bio. Sci; 6(3): (B) 1328 – 1334, ISSN: 0975-6299.	

14.	Shraddha Dwivedi, Vidyanand Tiwari, S. P. Trivedi (2015). "Arsenite induced genotoxic effect and its phytoremediation by <i>Acacia catechu</i> leaf extract in freshwater fish, <i>Channa punctatus</i> (Bloch)". IJFAS ; 2(6) , 163-165 , ISSN: 2347-5129 .	
15.	Vivek Kumar and Sunil P. Trivedi (2015). "Antimutagenic effect of <i>Lawsonia innermis</i> leaves extract against copper toxicity in a freshwater fish, <i>Channa punctatus</i> (Bloch.)". Zool. Soc. India , 14 (1) , 123-128 , ISSN: 0972-6683 .	
16.	Vivek Kumar and Sunil P. Trivedi (2015). "Efficacy of <i>Lawsonia innermis</i> leaves extract against Cu ⁺⁺ toxicity induced in fish, <i>Channa punctatus</i> (Bloch.): a study based on chromosomal aberrations". J.Env. Bio-Sci. , 2015: Vol.29 (1):87-92 .	
17.	Atindra Kumar Pandey, N. S. Nagpure, Sunil P. Trivedi , (2014) "Evaluation of genotoxicity of Profenofos to freshwater fish <i>Channa punctatus</i> (Bloch) using the micronucleus assay". African Journal of Biotechnology , Vol. 13 (39) , 3985-3988 .	
18.	Shailesh Kumar Mishra, U.K.Sarkar, B.K.Gupta, Sunil Prakash Trivedi , V.K.Dubey and Amar Pal, (2011). Pattern of fresh water fish diversity, threats and issues of fisheries management in an unexplored tributary of the Ganges basin, Northern India. J.Ecophysiol. Occu. Hlth. 11 (2011) 149-159.	
19.	 S.K. Mishra, U.K. Sarkar, S.P. Trivedi , J. Mir and A. Pal, November 2013. Biological parameters of a silurid catfish <i>Ompokbimaculatus</i> (Bloch, 1794) from River Ghaghara, India. Journal of Environmental Biology , Vol. 34, No. 6, pages 1013-1017, ISSN: 0254-2704	
20.	 Atindra K Pandey, NareshSahebraoNagpure, Sunil P Trivedi , Ravindra Kumar and BasdeoKushwaha. (2011). "Profenofos induced DNA damage in freshwater fish, <i>Channa punctatus</i> (Bloch) as detected using alkaline single cell gel electrophoresis". Mutation Research - Genetic Toxicology and Environmental Mutagenesis , vol. 726 , 209-214 .	
21.	Pandey, Atindra, Nagpure, Naresh, Trivedi, Sunil , Kumar, Ravindra, Kushwaha, Basdeo and Lakra, Wazir (2011). "Investigation on acute toxicity and behavioral changes in <i>Channa punctatus</i> (Bloch) due to organophosphate pesticide profenofos". Drug and Chemical Toxicology .	
22.	Pandey, Kumar Atindra, Nagpure, N. S., and Trivedi, Sunil P. (2011) "Haematological responses in a freshwater fish <i>Channa punctatus</i> (Bloch) exposed to profenofos". National Academy Science Letters , 34 (9&10) , 359-365 .	
23.	R. Kartik, Ch.V. Rao, S.P. Trivedi , P. Pushpangadan, G.D. Reddy (2010). "Amelioration effects against N-nitrosodiethylamine and CCl ₄ -induced hepatocarcinogenesis in Swiss albino rats by whole plant extract of <i>Achyranthesaspera</i> ". Indian Journal of Pharmacology , Doi: 10.4103/0253-7613.71921 , PMCID: PMC2991695 , 42 (6) , 370-375	

24.	R. Kartik, Ch.V. Rao, P. Pushpangadan, S. P. Trivedi , G.D. Reddy (2010). "Exploring the protective effects of <i>Abrus precatorius</i> in HepG2 and N-Nitrosodiethylamine- induced hepatocellular carcinoma in swiss Albino Rats". Iranian Journal of Pharmaceutical Sciences , 6(2) , 99-114.	
25.	Pandey, Atindra K and Trivedi, Sunil P. (2009). "Genotoxicity Assessment of DNA damage by Single Cell Gel Electrophoresis (SCGE)/Comet assay in Fish". National Academy Science Letters , 32(9&10) , 257-261.	
26.	 Kamlesh K. Yadav Sunil P. Trivedi (2009). "Sublethal exposure of heavy metals induces micronuclei in fish, <i>Channa punctata</i> ". Chemosphere , 77 , 1495-1500.	
27.	Yadav, K.K. And Trivedi, S.P. (2009). "Chromosomal aberrations in a fish, <i>Channa punctata</i> after in vivo exposure to three heavy metals". Mutation Research/Genetic Toxicology and Environmental Mutagenesis , 678 , 7-12.	
28.	 Singh, D., Nath, k., Sharma, Y.K. and Trivedi, S.P. (2008). Hepatotoxic effect of Cu (II) in freshwater fish, <i>Channa punctatus</i> : A histopathological study. Res. Environ. Life Sci. , 1(1) , 13-16. UGC List No. 45442.	
29.	Baghel, R.S., Singh, D., Yadav, K.K. and Trivedi, S.P. (2008). "Determination of detergent toxicity in haematological profile of fish (<i>H. fossilis</i>). Res. Environ. Life Sci. , 1 (2) 45-48. UGC List No. 45442.	
30.	Singh, D., Nath, K., Trivedi, S.P. and Sharma. Y.K. (2008). "Impact of copper on haematological profile of freshwater fish, <i>Channa punctatus</i> ". J. Environ. Biol. , 29 (2) , 253-257.	
31.	Srivastava, R.K., Yadav, K.K., and Trivedi S. P. (2008). "Devicyprin induced gonadal impairment in a freshwater food fish, <i>Channa punctatus</i> (Bloch)". J. Environ. Biol. , 29 (2) , 187-191. ISI impact factor: 0.684; NAAS rating: 7.1.	
32.	Trivedi, S.P. and Rai, S. (2008). "Hepatocellular deformaties induced by Mercuric chloride and caldan 50 SP in a fresh water teleost, <i>Channa punctata</i> ". J. Appl. Biosci. , 34 (1) , 74-78.	
33.	Shukla, S. Biswas, S. and Trivedi, S. P. (2008). "Vermicomposting of Water Hyacinth, <i>Echhorniacrassipies</i> by Epigeic spp. of earthworm, <i>Eiseniafoetida</i> ". J. Env. Bio-sci. , 22(1) ,31-38.	

34.	<p>Trivedi, S.P. and Rai, S. (2007). "Impact of Mercuric chloride (HgCl₂), Caldan 50SP (C50SP) and their mixture on histological architecture on the kidney of <i>Channa punctata</i> (Bloch.)". J. Adv. Zool.,28(2), 72-79.</p>	
35.	 <p>Kumar, M; Trivedi, S.P., Misra, A., and Sharma, S. (2007). "Histopathological changes in testis of the freshwater fish, <i>Heteropneustes fossilis</i> (Bloch.) exposed to linear alkyl benzene sulphonate (LAS)". J. Environ. Biol., 28(3); 679-684.</p>	
36.	<p>Yadav, K.K. and Trivedi, S.P. (2006). "Evaluation of Genotoxic potential of Chromium (VI) in <i>Channa punctata</i> fish in terms of chromosomal aberrations". Asian Pacific J. Cancer Prev., 7, 472-476.</p>	
37.	<p>Srivastava, R.K., Yadav, K.K., Kumar, M., and Trivedi S.P. (2006). "Synthetic pyrethroid Devicyprin induced hepatotoxic lesions in snake headed fish, <i>Channa punctatus</i> (Bloch)". J. Occup. Hlth., 6, 67-71.</p>	
38.	 <p>Srivastava R.K. and Trivedi S.P. (2006). "Cypermethrin induced haematological anomalies in a fresh water fish, <i>Channa punctata</i>". J. Appl. Biosci., 32(2), 181-184.</p>	
39.	<p>Srivastava R.K. and Trivedi S.P. (2006). "Devicyprin (Cypermethrin 25%) induced histopathological changes in the gills of snake headed fish, <i>Channa punctatus</i> (Bloch)". Him. J. Envi. Zool., 20(2); 211-217.</p>	
40.	<p>Trivedi, S.P., Kumar, M., and Banerjee, I., (2002) Linear alkyl benzene sulphonate (LAS) induced xenobiotic anomalies in the activity of LDH and SDH in the muscles of fresh water teleost, <i>Heteropneustesfossilis</i> (Bloch). J. Ecophysiol. Occup. Hlth.,2; 205-214.</p>	
41.	 <p>Rani, R., Trivedi, S.P., Singh, P., and Singh, R.K., (2002). "Effect of linear alkyl benzene sulphonate on erythrocyte sedimentation rate of teleost fish, <i>Heteropneustesfossilis</i>." J.Environ. Biol., 23(2); 213-214.</p>	
42.	<p>Rani, R., Trivedi, S.P., Singh, P., and Singh, R.K., (2002). "Changes in haematocrit values of fresh water teleost <i>H. fossiils</i>under the toxicity of surfactant Linear Alkyl benzene Sulphonate (LAS)" Ad. Bios. 21(1); 71-76.</p>	
43.	 <p>Rani, R., Trivedi, S.P., Singh, P., and Singh, R.K., (2002). "Haematotoxic effect of linear alkyl benzene sulphonate (LAS) in fish, <i>Heteropneustesfossilis</i>." J. Environ. Biol., 23(1); 101-103.</p>	

44.	Rani, R., Trivedi, S.P. , Singh, P., and Singh, R.K., (2002). "Toxicity of surfactant linear alkyl benzene sulphonate (LAS), evident by prothrombin time, in fish, <i>H. fossilis</i> " Ad. Bios. 21(1); 67-70.	
45.	 Trivedi, S.P. , Kumar, M., Mishra, A., Banejee, I., and Soni, A. (2001). "Impact of linear alkyl benzene sulphonate (LAS) on phosphatase activity in testis of the teleostean fish, <i>Heteropneustesfossilis</i> (Bloch)." J. Environ. Biol. , 22(4); 263-266.	
46.	 Giri, A.N., Srivastva, D.K., and Trivedi, S.P. , (2000). "Insecticide Besathrin induced histoanatomical insult of ovarian tissue of Indian catfish, <i>Heteropneustesfossilis</i> ." Biol. Memoirs. , 26(1); 20-24.	
47.	Kumar, M., Trivedi, S.P. , Banerjee, I., and Soni, A., (2000). "Influence of anionic surfactant, linear alkyl benzene sulphonate on ovarian phosphatase activity in <i>Heteropneustesfossilis</i> (Bloch)." Him. J. Envi. Zool. , 14(1); 53-58.	
48.	Trivedi, S.P. , (1999). "Branchialpathogenesis in a fresh water food fish, <i>Clariasbatrachus</i> (Linn) in response to Urea fertilizer treatment." Biol. Mem. , 25(2); 50-53.	
49.	Misra, A., Trivedi, S.P. , and Singh, R.K., (1995). "Short term exposure of fertilizer muriate of potash induced haematological anomalies in a fresh water teleost, <i>Heteropneustesfossilis</i> (Bloch)." Biol. Mem. , 21(1); 35-41.	
50.	Singh, R.K., Trivedi, S.P. , and Sethi, N., (1992). "Sumithion induced changes in the blood of cat fish, <i>Clariasbatrachus</i> ." Biol. Mem. , 18(3); 57-59.	
51.	Singh, R.K., Sethi, N., and Trivedi, S.P. , (1991). "Risk assessment and management of pesticides." J. Environ. Res. , 1(2); 7-15.	
52.	Trivedi, S.P. , Sethi, N. Singh, R.K., and Singh, P., (1991). "Fertilizer Calcium Ammonium Nitrate (CAN) induced haematotoxic stress to fresh water teleost, <i>Clariasbatrachus</i> ." Biol. Mem. , 17(3); 117-121.	
53.	Trivedi, S.P. , Sethi, N., Singh, R.K., and Singh, P., (1991). "Effect of fertilizer muriate of potash on haematological parameters of fish, <i>Clariasbatrachus</i> ." Biol. Mem. , 17(3); 105-109.	
54.	 Trivedi, S.P. , Singh, P., Sethi, N., and Singh, R.K., (1990). "Evaluation of haematotoxic effects of two commonly used fertilizers, Diammonium phosphate and Urea to fish, <i>Clariasbatrachus</i> ." Ecotoxicol. Environ. Saf., USA , 19, 135-142.	
55.	Trivedi, S.P. , Sethi, N., Singh, R.K., and Singh, P., (1989). "Fertilizers as pollutants and their ecotoxicological significance." Sci. Res. J. , 1(i); 49-52.	

56.	Trivedi, S.P. , Sethi, N., Singh, R.K., and Singh, P., (1989). "Impact of fertilizer Diammonium phosphate on haematological profile of teleost fish, <i>Heteropneustesfossilis</i> ." Biol. Mem. , 15 (3); 166-174	
57.	Trivedi, S.P. , Sethi, N., Singh, R.K., and Singh, P., (1989). "Effect of Urea fertilizer on haematological parameters of teleost fish, <i>Heteropneustesfossilis</i> ." Biol. Mem. , 15(1); 54-58.	



Dated:

Place: University of Lucknow

(Prof. Sunil Prakash Trivedi)

Association with Student related Extra-curricular Activities:



Organised various sports, Literary & cultural activities at Lal Bahadur Shastri and other Hostels in University of Lucknow.



Association with Scientific Activities at the University, State and National level:



**Orgnized 18th all India congress of Zoology at University of Lucknow (7-9 December, 2007) :
Proud moments with the Chief Guest, Janab Sayed Sibtey Razi Saheb, Hon'ble the Governer of
Jharkhand State**



**With Ramon Magsaysay awardee, water conservationist Shri. Rajendra Singh ji in a seminar held at
Gurukul Kangadi University, Hardwar (19-03-2008).**

With Hon'ble Prime Minister, Shri Narendra Modiji on the occasion of 103rd Indian science Congress, Mysuru, 2016 (below)

