







## Dr. Shraddha Dwivedi

<b>Current Designation</b>	Assistant Professor		
<b>Department</b>	Zoology		
<b>Add. College</b>	Netaji Subhas Chandra Bose Govt. Girls P.G. College, Aliganj, Lucknow		
<b>Date Of Birth</b>	01/07/1989		
<b>Mobile No.</b>	<b>9918448671</b>		
<b>Email ID</b>	shraddhadwivedi2013@gmail.com		
<b>Educational Qualifications (Graduation Onwards)</b>			
<b>Degree</b>	<b>Institution</b>	<b>Year</b>	<b>Details/Thesis Topic/Subjects</b>
B. Sc.	Isabella Thoburn. P.G. College, University of Lucknow	2008	Zoology, Chemistry, Botany
M. Sc	Lucknow University (Hold Position)	2010	Zoology
Ph. D.	Lucknow University	2016	Anti-oxidative and suppressive potential of certain flavonoid plant extracts against As (III) induced genotoxic stress in the fish, Channa punctatus (Bloch.)
<b>Career Profile</b>			
<b>Organization / Institution</b>		<b>Designation</b>	<b>Nature of Duties</b>
Netaji Subhas Chandra Bose Govt. Girls P.G. College, Aliganj, Lucknow		Assistant Professor	Teaching and Research
Government Degree College, Haripur, Nihastha, Raebareli Uttar Pradesh		Assistant Professor	Teaching and Research
Isabella Thoburn College Lucknow		Assistant Professor	Teaching
College of Fisheries Science and Research center, Etawah, Chandra Shekhar Azad University of Agriculture and Technology Kanpur		Assistant Professor	Teaching and Research
University of Lucknow		Project Assistant	Research
<b>Research Interests / Specialization</b>			
Cyto-toxicology, Genotoxicity, Environmental Toxicology, Aquatic Toxicology, Molecular Toxicology, Pharmacology			
<b>Researcher/ Expert ID</b>	<b>Orcid</b>		<b>Google Scholar</b>
	0000-0001-9846-4986		Citations : 40
<b>Seminar/Symposia/Conference Attended/Paper presented</b>			19

<b>Teaching Experience-</b> More than 3+ yrs.		
<b>Honours / Awards &amp; Fellowship</b>		
<b>Name of Award/ Fellowship</b>	<b>Awarded By</b>	
Junior Research Fellowship (2012)	UGC-BSR Fellowship	
Best Paper Presentation Award in Environmental sciences (2015)	102 <sup>nd</sup> Indian Science Congress	
Congress of Zoology Medal (2022)	Zoological Society of India	
<b>Academic Responsibilities/ Membership of Scientific Societies/Bodies</b>		
Work in U.P. University Monitoring and Control Room, 2022-23		
Associated with the Mukhyamantri Abhyodaya Yojana for UPSC/ UPPSC/ NEET exams		
Program Officer of NSS Upasana Unit Since 2023		
Nodal Officer for Rojgaar Sangam		
Members of Different Committees at College		
Observer in B.Ed. J.E.E-2017 Exam by V.C. Lucknow University		
Life Member of Indian Science Congress Association		
Life Member of Zoological Society of India		
Seminar Organized “An Overview of Indian Knowledge Systems: From Glorious Past to Contemporary Contexts” as an Co-Organising Secretary.		

### RESEARCH AND ACADEMIC CONTRIBUTION:

1.	V. Tiwari, <b>S. Dwivedi</b> , M. Kumar, A. Shukla, V. Kumar, K. K. Yadav and S. P. Trivedi (2024). Protein level alteration and micronuclei induction in <i>Channa punctatus</i> fish exposed to chlorpyrifos and their alleviation by <i>Melissa officinalis</i> and <i>Mentha piperita</i> extracts. <a href="http://www.jeb.co.in./journal_issues/202407_jul24/paper_02.pdf">http://www.jeb.co.in./journal_issues/202407_jul24/paper_02.pdf</a>	
2.	D. Shukla, B. N. Tewari, S. P. Trivedi, <b>S. Dwivedi</b> , V. Kumar, V. Tiwari (2024). Quality and functional attributes of muffins with incorporation of fruit, vegetable, and grain substitutes: A review. Journal of Applied and Natural Science, 16(1), 344 - 355. <a href="https://doi.org/10.31018/jans.v16i1.5330">https://doi.org/10.31018/jans.v16i1.5330</a> . <a href="https://journals.ansfoundation.org/index.php/jans/article/view/5330#:~:text=It%20has%20been%20revealed%20that,added%20to%20the%20main%20ingredient">https://journals.ansfoundation.org/index.php/jans/article/view/5330#:~:text=It%20has%20been%20revealed%20that,added%20to%20the%20main%20ingredient</a> .	
3.	S. Singh, S. Dwivedi, A. A. Khan, A. Jain, <b>S. Dwivedi</b> , K. K. Yadav, I. Dubey, A. Trivedi, S. P. Trivedi & M. Kumar (2024). Oxidative stress, inflammation, and steatosis elucidate the complex dynamics of HgCl <sub>2</sub> induced liver damage in <i>Channa punctata</i> . Scientific Reports; volume 14, Article number: 9161. <a href="https://www.nature.com/articles/s41598-024-59917-4">https://www.nature.com/articles/s41598-024-59917-4</a>	

4.	Sunil P. Trivedi, Shikha Dwivedi, Abha Trivedi, Adeel Ahmad Khan, Shefalee Singh, Kamlesh K. Yadav, Vivek Kumar, <b>Shraddha Dwivedi</b> , Vidyanand Tiwari, Yashika Awasthi (2024). Dietary inclusion of <i>Withania somnifera</i> and <i>Asparagus racemosus</i> induces growth, activities of digestive enzyme, and transcriptional modulation of MyoD, MyoG, Myf5, and MRF4 genes in fish, <i>Channa punctatus</i> . <i>Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology</i> ; Volume 271, 110944. <a href="https://www.sciencedirect.com/science/article/abs/pii/S1096495924000113">https://www.sciencedirect.com/science/article/abs/pii/S1096495924000113</a>	
5.	Sunil P. Trivedi, Shikha Dwivedi, Shefalee Singh, Adeel Ahmad Khan, Manoj Kumar, Anubha Shukla, <b>Shraddha Dwivedi</b> , Vivek Kumar, Kamlesh K. Yadav, Vidyanand Tiwari (2023). Evaluation of immunostimulatory attributes of <i>Asparagus racemosus</i> and <i>Withania somnifera</i> supplemented diets in fish, <i>Channa punctatus</i> . <i>Veterinary Immunology and Immunopathology</i> ; 258:110561. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0165242723000156?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0165242723000156?via%3Dihub</a>	
6.	<b>Shraddha Dwivedi</b> , Kamlesh K Yadav et al., (2022). A review on genotoxicological studies of arsenic using CAT and MNT in fishes; <i>Res. Environ. Life Sci.</i> ,15 (04) 66-70 (2022)	
7.	<b>Shraddha Dwivedi</b> (2018). Ameliorative Potential of <i>Mentha piperita</i> against Arsenic Trioxide Induced Geno-Toxicological Alteration in Fish, <i>Channa punctatus</i> (Bloch.). <i>Int.J.Curr.Microbiol.App.Sci</i> (2018) 7(5): 2045-2051. <a href="https://www.ijcmas.com/7-5-2018/Shraddha%20Dwivedi.%20et%20al.pdf">https://www.ijcmas.com/7-5-2018/Shraddha%20Dwivedi.%20et%20al.pdf</a>	
8.	<b>Shraddha Dwivedi</b> , Sunil. P. Trivedi (2018). Ameliorative potential of <i>Melissa Officinale</i> against arsenic trioxide induced haematological and biochemical anomalies in fish, <i>Channa Punctatus</i> (Bloch, 1793). <i>J.Env. Bio-sci</i> ; 32(2), 243-252 <a href="https://connectjournals.com/pages/article/details/toc028919">https://connectjournals.com/pages/article/details/toc028919</a>	
9.	<b>Shraddha Dwivedi</b> , Manoj Kumar & Sunil P. Trivedi. (2017) Mitigating potential of <i>Melissa officinale</i> against As <sup>3+</sup> -induced cytotoxicity and transcriptional alterations of Hsp70 and Hsp27 in fish, <i>Channa punctatus</i> (Bloch). <i>Environ Monit Assess</i> (2017) 189:306 <a href="https://link.springer.com/article/10.1007/s10661-017-6002-7">https://link.springer.com/article/10.1007/s10661-017-6002-7</a>	
10.	<b>Shraddha Dwivedi</b> and Sunil P. Trivedi (2015). "Behavioural, Morphological and Chromatophoric alterations induced by arsenite exposure in freshwater fish, <i>Channa punctatus</i> (Bloch.). <i>Int. J. Pharm. Bio. Sci</i> ; 6(3): (B) 1328 – 1334, ISSN: 0975-6299. <a href="https://www.semanticscholar.org/paper/BEHAVIOURAL%2C-MORPHOLOGICAL-AND-CHROMATOPHORIC-BY-IN-Trivedi/a971d7b948c5c83c8cb5f6fcfe39761474982e1b">https://www.semanticscholar.org/paper/BEHAVIOURAL%2C-MORPHOLOGICAL-AND-CHROMATOPHORIC-BY-IN-Trivedi/a971d7b948c5c83c8cb5f6fcfe39761474982e1b</a>	
11.	<b>Shraddha Dwivedi</b> , 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)". <i>IJFAS</i> ; 2(6), 163-165, ISSN: 2347-5129. <a href="https://www.fisheriesjournal.com/vol2issue6/Pdf/2-6-59.1.pdf">https://www.fisheriesjournal.com/vol2issue6/Pdf/2-6-59.1.pdf</a>	

### Special/ Invited Lectures delivered:

1	Educational export in India: Prospective and Possibilities at Maharaja Agrasen Mahavidyalay, Bareilly (U.P.); 26/03/23
2	Benefits Of E-Content On Higher Education, at Guru Dronacharya Mahavidyalaya, Lakhimpur Kheri; 25/09/22
3	Cadmium induced neurotoxicity in the fresh water fish, <i>C. Punctatus</i> at Mahatama jyotiba Phule Rohilkhand University Bareilly; 26-27, 2023
4.	National Education Policy 2020: Challenges and Opportunities Organised by Sri D.P. Verma Memorial P.G. College, Sitapur

## Book(s) published:

S. N.	Title	Authors/Editors	ISSN/ ISBN no.	
1	Environment And Sustainability	<b>Editors:</b> Dr Lakshmi Girish, Mr Tushar A. Pawar, Dr Gaurav B. Pethe and Dr. Shraddha Dwivedi	ISBN: 978-93-91768-94-2	
2.	Flavonoids for Neurological Disorders Advances and Future Prospects	Editors: Rishabha Malviya, PhD Kamla Pathak, PhD <b>Shraddha Dwivedi</b> , PhD Sonali Sundram, MPharm	Hard ISBN: 9781774919620 <a href="https://www.appleacademicpress.com/flavonoids-for-neurological-disorders-advances-and-future-prospects-9781774919620">https://www.appleacademicpress.com/flavonoids-for-neurological-disorders-advances-and-future-prospects-9781774919620</a>	
3.	Biochemistry and Physiology	Dr Kamlesh K. Yadav, Dr Abha Trivedi, <b>Dr Shraddha Dwivedi</b>	ISBN: 978-93-92087-68-4	
<b>Chapters/ Article in Book</b>				
1	Strategies to Cross the Blood-Brain Barrier; Nanomedicine for Neurodegenerative Disorders Selective Treatment Strategies; Hard ISBN: 9781774916124.			
2.	Poisonous and venomous Fishes, Animal biodiversity and fisheries, 9789388854061.			
3.	Micronuclei and associated instabilities: origin, mechanism, fate and relevance in geno-toxicological studies, Analytical Techniques in Chemical and Biological Sciences , ISBN: 9789386841599.			
4.	अधिक आय के लिए करे मत्स्य पालन, जागरण खेत खलिहान कानपुर जून 2018.			

## E-Content Uploaded

### LAMARCKISM

[https://heecontent.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rItOkCOUbJtRLe5RSqgrdf25ntCRRn99FGDnR4%3d&Content\\_ID=0F%2bp%2fisIy5Jbq5mLhrMD3g%3d%3d&Flag=N8On8ic7axf2tid%2bb00NJBeyq0Zz4SKSDPXbLN4b1YU%3d](https://heecontent.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rItOkCOUbJtRLe5RSqgrdf25ntCRRn99FGDnR4%3d&Content_ID=0F%2bp%2fisIy5Jbq5mLhrMD3g%3d%3d&Flag=N8On8ic7axf2tid%2bb00NJBeyq0Zz4SKSDPXbLN4b1YU%3d)

### ORIGIN OF LIFE

[https://heecontent.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rItOkCOUbJtRLe5RSqgrdf25ntCRRn99FGDnR4%3d&Content\\_ID=rsya1Wf79vDWFQe4IUkvQw%3d%3d&Flag=N8On8ic7axf2tid%2bb00NJBeyq0Zz4SKSDPXbLN4b1YU%3d](https://heecontent.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rItOkCOUbJtRLe5RSqgrdf25ntCRRn99FGDnR4%3d&Content_ID=rsya1Wf79vDWFQe4IUkvQw%3d%3d&Flag=N8On8ic7axf2tid%2bb00NJBeyq0Zz4SKSDPXbLN4b1YU%3d)

## Lectures taken in Abhyudaya Yojana with link

UPSC/PCS General Studies		
1	UPSC Environment Ecology lucknow university class	<a href="https://youtu.be/-P7trVfqHLc">https://youtu.be/-P7trVfqHLc</a>
2	UPSC Environment- Ecology  lucknow university class  DR.SHRADDHA DWIVEDI	<a href="https://youtu.be/hRVjp3MF88s">https://youtu.be/hRVjp3MF88s</a>
3	UPSC Ecology-2   lucknow university class  DR.SHRADDHA DWIVEDI	<a href="https://youtu.be/3ROOptfC5iU">https://youtu.be/3ROOptfC5iU</a>
4	UPSC Environment-Biodiversity 2nd  lucknow university class  DR.SHRADDHA DWIVEDI	<a href="https://youtu.be/CPK36ed1oYg">https://youtu.be/CPK36ed1oYg</a>
NEET Classes		
1	Abhyuday NEET BIOLOGY (REVISION CLASS) Live Class   IET College Lucknow	<a href="https://youtu.be/ihkOvzv_bHU">https://youtu.be/ihkOvzv_bHU</a>
2	Abhyuday NEET BIOLOGY (REVISION CLASS) Live Class   IET College Lucknow	<a href="https://youtu.be/BbIhj1YdIE">https://youtu.be/BbIhj1YdIE</a>
3	Abhyuday NEET BIOLOGY Live Class   Lucknow	<a href="https://youtu.be/6Wap33bpjYs">https://youtu.be/6Wap33bpjYs</a>

## Seminar/Symposia/Conference/Training Attended/Paper presented

1.	National conference on strategies for management of bioresources (NCSMB) by Department of Animal; Sciences, Mahatama Jyotiba Phule Rohilkhand University Bareilly 26-27 March, 2023.
2.	National Seminar on Breaking Gender Biases: A Step Towards Sustainable Development (Under the Aegis of IUPAC Global Women Breakfast) Feb 14 <sup>th</sup> , 2023.
3.	25 <sup>th</sup> Annual Convention of Uttar Pradesh Government College Academic Society organized by Netaji Subhash Chandra Bose Govt. Girls P.G. College Aliganj, Lucknow. 17-18 Jan, 2023. 20-21 Jan, 2023.
4.	National Seminar on Advancement and strategies for Sustainable Development & Environmental Protection Organized by Netaji Subhash Chandra Bose Govt Girls P.G. College Aliganj, Lucknow. 17-18 Jan, 2023.
5.	33 <sup>rd</sup> All India Congress Of Zoology (AICZ) On Emerging Trends In Biological Sciences In Light Of Environmental Degradation & Life Sustainability, National Seminar at Pandit S. N. Shukla University Shahdol (M.P.) 10-12 Aug 2022
6.	A training program of master trainer on fish & marine product processing by IIFPT under Ministry Of Food Processing Industries Government of India on 12 Jan 22.
7.	Women entrepreneurship in pond fish culture at rural area. Indian International Science Festival, Lucknow on 05/10/2018
8.	Teachers Training Program by Educational management and leadership training at Isabella Thoburn College, Lucknow Jan 11, 2017
9.	26 <sup>th</sup> All India Congress of Zoology and International Symposium on Innovation in Animal Sciences

	For food Security, Health Security, Health security and livelihood, October 29-31, 2015
10.	102 <sup>nd</sup> Indian Science Congress, Mumbai University, Mumbai January 3-7, 2015
11.	International Conference On Faunal Biodiversity and Their Conservational Strategies, by Department of Zoology, University of Lucknow, Lucknow, March 22-23, 2014
12.	101 <sup>st</sup> Indian Science Congress University of Jammu, Jammu, February 3-7, 2014
13.	International Conference on Harmony with Nature in context of Eco-technological intervention and climate change by Department of Zoology, Environmental science & Biotechnology DDU Gorakhpur University, Gorakhpur in association with National Environmentalist Association Ranchi, Jharkhand, India, November 11-13, 2013
14.	विज्ञापन लेखन प्रविधि कार्यशाला, हिन्दी तथा आधुनिक भारतीय भाषा विभाग लखनऊ विश्वविद्यालय, लखनऊ द्वारा 13 Aug 2013
15.	National seminar on “Environmental degradation and aquaculture”, Post graduate by Department of Zoology BSNV (PG) Collage, Lucknow, April 28, 2013
16.	National seminar on Changing Environment And Biodiversity sponsored by Department of Higher Education, Government of U. P, India, March 24, 2013
17.	100 Indian Science Congress, Calcutta University, Kolkata, January 3-7, 2013
18.	99 <sup>th</sup> Indian Science Congress, KIIT University, Bhubaneswar, January 3-7, 2012
19.	National Symposium on “Modern Approches to Insect Pest Management”, by Center of Excellence in Biocontrol of Insect Pests, Department of Zoology, University of Lucknow, Lucknow, March 26-27, 2010.