

**Name of the Faculty member: Dr. Sarabjeet Kaur**

**Assistant Professor**  
**Department of Zoology**  
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 ☎ 9855060617

**Areas of Interest**

- Fish and Fisheries
- Aquatic toxicology
- Feed formulation in fishes

**Educational details**

Degree	Year	University	%Age
Ph.D(Zoology)	2010	Panjab University ,Chandigarh	
NET-JRF	2005	Council of Scientific and Industrial Research	
MSc.(Zoology)	2001	Guru NanakDev University, Amritsar	64
BSc(Medical)	1999	Anglo Sasnskrit College, Khanna	60
10+2 (Medical)	1996	Kendriya Vidyalaya Jalandhar Cantt	72
Matriculation	1994	Kendriya Vidyalaya Jalandhar Cantt	73

**Professional Details**

Designation	From	To	Organization
Assistant Professor	02-07-2012	Till date	MCM DAV College for Women, Chandigarh
Assistant Professor	17-01-2011	28-Apr-012	Lovely Professional University, Jalandhar
Lecturer	05-08-2002	25-Feb-2005	BAM Khalsa College, Gharshankar

**Research Publications**

Title	Journal	Refereed	Date and Year of Publication	Online Link
Fish Health alteration as potential bio- marker of environmental quality in rivers of Punjab	International journal of Pollution Research	Refereed	Vol.35(4):877-882 ( 2016)	<a href="http://www.envirobiotechjournals.com/article_abstract.php?aid=7510 &amp;iid=223&amp;jid=4">http://www.envirobiotechjournals.com/article_abstract.php?aid=7510 &amp;iid=223&amp;jid=4</a>
A Review on probiotics and fish farming	Research Journal of pharmacy and technology	Refereed	Vol.11(11):514 3-5146 (2018)	<a href="http://rjptonline.org/AbstractView.aspx?PID=2018-11-11-71">http://rjptonline.org/AbstractView.aspx?PID=2018-11-11-71</a>
Effect of administration of monocrotophos on acetylcholinesterase activity in ovary and liver of <i>Cyprinus carpio communis</i> L.	Journal of Environment and Biosciences	Refereed	Vol. 24(2): 53-57 (2010)	<a href="http://jebsharidwar.org/effect-of-administration-of-monocrotophos-on-acetylcholinesterase-activity/">http://jebsharidwar.org/effect-of-administration-of-monocrotophos-on-acetylcholinesterase-activity/</a>

Histological effects of monocrotophos on perinucleolar, cortical alveoli and vitellogenic stages of oocyte of <i>Cyprinus carpio communis</i> L. prior to fertilization	Panjab University Research Journal (Science)	Refereed	Vol. 58: 103-108 (2008)	<a href="https://scholar.google.co.in/scholar?oi=bibs&amp;cluster=6537572730360979267&amp;btnl=1&amp;hl=en">https://scholar.google.co.in/scholar?oi=bibs&amp;cluster=6537572730360979267&amp;btnl=1&amp;hl=en</a>
Monocrotophos toxicity induced hormonal and biochemical disruption in liver and ovary of <i>Cyprinus carpio communis</i>	European journal of molecular and clinical medicine	Refereed	Vol.7(9) : 3016-3022	<a href="https://ejmcm.com/pdf_7696_8e11dab5b148a97b21f36e6236759205.html">https://ejmcm.com/pdf_7696_8e11dab5b148a97b21f36e6236759205.html</a>
A Novel Two-Stage Invertebrate Biofilter Design To Treat Wastewater	Indian journal of environmental protection	Refereed	Vol.41(6) : 681-685	<a href="https://www.e-ijep.co.in/41-6-681-685/">https://www.e-ijep.co.in/41-6-681-685/</a>

### Research Projects

Title	Funding Organization	Year	Status
Synthesis, characterization and evaluation of larvicidal potential of curcumin nanoparticles against the vector species of mosquitoes (Diptera: Culicidae)	Department of Science and Technology, Chandigarh	2016	Completed
Survey on prevalence of PCOS and its associated risk factors among the girl students of Mehr Chand Mahajan DAV College for women, Chandigarh	Mehr Chand Mahajan DAV College for women, Chandigarh	2021	Completed

### Book Chapters

Chapter Title	Book Title	Publisher	ISBN	Year of Publication
Editor	Environmental Issues: Causes and Resolutions.	Red'Shine Publications Pvt Ltd	978-93-954567-9-1	2022
Editor	Animal Diseases: Impact on human health and control issues	Twentyfirst Century Printing Press, Patiala	978-93-85449-22-2	2016

### Miscellaneous

- Invited as resource person for presenting a paper entitled "Coral Reef Conservation" in UGC sponsored National Seminar on "Conservation on natural resources" organized by G.H.G. Khalsa College, Gurusar Sadhar on March 27-28, 2015
- Presented a Poster entitled "Monocrotophos Induced Effects on Granulosa, Zona Radiata and Thecal membranes of oocytes of *Cyprinus carpio communis* Linnaeus as revealed by SEM" in an International Conference on Exploring Basic and Applied Sciences for next Generation Frontiers organized by Lovely Professional University, Jalandhar on 14/15.11.2014.
- Presented a poster on "Review of Mass Spectrometry for Environmental and Waste Water Monitoring" in UGC sponsored national seminar on "SPECTROSCOPY- AN IMMENSE TOOL IN CHEMISTRY" organized by MCM DAV College for Women, Sector 36A, Chandigarh on 21<sup>st</sup> August 2015.
- A review "Monocrotophos Induced Toxicity on developmental stages of oocytes of *Cyprinus carpio Communis* L. has been published in book for Prof. G.P. Sharma Felicitation Volume` Recent Trends in Life Science in December, 2006.Chandigarh.
- Presented a Paper entitled "Treasure beyond Measure" in an International Conference on "The soul in symphony: spiritual and pragmatic aspects of happiness" organized by Mehr Chand Mahajan DAV College for Women, Chandigarh on 29/30.01.2018.
- Delivered a talk on 'Introduction to human parasites and preventive measures' at Government Senior

Secondary School, Maloya on 15 November, 2019 under Unnat Bharat Abhiyaan.

- Invited as Resource person by Arya College, Ludhiana for an Online Lecture on „Pearl Culture“ on 21 December, 2020.
- Organized a UGC and INSA sponsored two day National level seminar on “Animal Diseases: Impact on human health and control issues on 30.08.2016 & 31.08.2016.
- Organized a DBT Sponsored National Seminar cum Workshop on “New Dimensions in Eco Management” on Feb. 25, 2014