

Dr. Sukhvinder Kaur

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Sri Muktsar Sahib 152026

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Objective: To obtain a position in the academic field, where I can utilize and maximize my research and teaching experience for benefiting the institute and myself.

Summary of Qualifications:

Ph.D. Zoology, 2004, HNB Garhwal (Central) University.

Thesis Title: "Impact of Automobile Exhaust Emission from Petrol (2 Stroke and 4 stroke engine) and Diesel vehicles on the plants and animals of Dehra Dun Valley."

M.Sc. Zoology, (Spl. In Environmental Sciences), 1998, 1st Division, HNB Garhwal (Central) University.

B.Sc. (CBZ), 1996, 1st Division, HNB Garhwal (Central) University.

Professional Experience (13 + Years of Teaching Experience):

1. Working as **Assistant Professor** in Zoology at Guru Nanak College for Girls, Sri Muktsar Sahib, Punjab. Since Nov. 2013 till date.
2. Worked as **Sr. Assistant Professor** in Department of Environmental Science and taught Environmental Science and **Biology** (Bio Technology) to B.Tech Students and 'Advance Water and Waste Water' to M.Tech Civil Engineering Students at Lingaya's University, Faridabad from 10th July 2012 till 10th Jan 2013.
3. Worked as **Assistant Professor** (Environment & Ecology and Human Values and Ethics), Department of Applied Science and Humanities, Aryan Institute of Technology, Hapur Road, Ghaziabad from 25th July 2008 to 7th July 2012 as **Head, Department of Applied Science and Humanities**
4. Worked as Lecturer at (Environmental Studies) at HR Institute of Technology, Meerut Road, Ghaziabad from 14th Aug. 2007 till 20th July 2008.
5. Worked as Lecturer (Zoology) at Satya College for Girls, Ghaziabad from Sept. 2006 till 30th June 2007.
6. Worked as Lecturer (Environmental Sciences) at D.B.S. (P.G.) College, Dehradun from 2000 till 2003 on per lecture basis.

Administrative Experience:

Acting as incharge, B.Voc.course in 'Green House Technology' since July 2020

Acting as Incharge, Subject of Zoology at Guru Nanak College., since 2013.

Performed the duty of Overall incharge For Conducting 'Green Audit' of the Guru Nanak College for Girls by the certified energy auditor of BEE, India for the session 2019-20.

Acted as 'Paper Setter, for B. Sc 3rd and 5th semester exams , 2019 of Panjab University, Chandigarh

Acted as Subject Expert of Zoology for Selection of Guest Faculty at Punjabi University Constituent college, Jaito for session 2019-20.

Working as Incharge, Eco and Go-Green club at Guru Nanak college for girls, Sri Muktsar Sahib since 2017.

Worked as Incharge, Cleanliness committee at Guru Nanak College for girls, Sri Muktsar Sahib in Session 2018-19.

Worked as 'Centre Superintendent' for Panjab University, Chandigarh external Examinations.,2016

Acted as 'Paper Setter' for External examinations for Punjab Agriculture University, Ludhiana, for B.Sc. External Examinations.

Worked as HOD, Department of Applied Science and Humanities, Aryan Institute of Technology, Ghaziabad.

Worked as Controller, Examination, at Aryan Institute of Technology, Ghaziabad.

Worked as Convener, College Magazine & News Letter at Aryan Institute of Technology, Ghaziabad.

Worked as Convener, Literary Activities Committee at HR Institute of Technology, Ghaziabad

Worked as Member, Library Committee at HR Institute of Technology, Ghaziabad

Seminars/Workshops/Webinars Attended:

1. Attended webinar on " Misinformation and online safety practices in the times of covid-19"organized by Daulat Ram College, Delhi in collaboration with National Commission for Women along with Cyber Peace Foundation. On 3rd June.2020.
2. Attended Webinar on "Challenges of Covid-19 for Economy and Economic Policy", organized by Dept. Of Commerce, Guru Nanak college for Girls, Sri Muktsar sahib on 15th May,2020.
3. Attended virtual seminar on " Role of Biodiversity during Covid-19"organized by Zoology Department.PG Government College for Girls, Sector-42, Chandigarh. on 22nd May,2020.
4. Attended Webinar on "Plastic Waste-Sources,Production,Management and handling in Post COVID-19 World",Oraganized by Panjab university rural centre, Kauni(Sri Muktsar Sahib).On may 18, 2020.
5. Attended Webinar on "Sri Guru Arjan Devji: Bani, Personality and Matrydom",organized by Sri Guru Granth Sahib World university, Fatehgarh sahib.on 26th may.2020.
6. Attented One day National seminar on 'Legal Awareness' sponsored by National Commision for Women, New Delhi on 26 Feb, 2020 held at Guru Nanak College for Girls , Sri Muktsar sahib.
7. Attended5 Days DST Inspire Internship camp from 23-27 September,2019 held at Guru Nanak College for Girls, Sri Muktsar Sahib.
8. Two day national workshop on 'Nuclear sciences and Applications of Radioisotopes' on 9-10 march'2019 held at Guru Nanak college for girls, Sri Muktsar sahib.
9. Two day National seminar at PAU, Ludhiana on 'Environmental changes and its impact on faunal Diversity in Indian Agro-ecosystems' on 19-20 Nov.,2018.
10. One day International conference at Guru Nanak College for Girls, Sri Muktsar Sahib on 'Recent trends in Renewable Energy Technology and its Impact on Economy of India' on 24 Oct, 2017.
11. One day National Seminar at PAU, Ludhiana on "Recent advances in animal reproduction on 12 October, 2016.

12. One day workshop on Carrier counselling at District Education Officer, Muktsar Sahib, 7/4/2016
13. One day National seminar on NAAC Accreditation: Methodology, Process and Problem, sponsored by College Development Council, Punjab University, Chandigarh. (29/3/2016)
14. Two day national seminar ,19th Punjab Science congress. On ‘ Influence of science and technology on Environment and human health’. 7-9 Feb., 2016 at SUS, Tangori.
15. One day seminar on Disaster and Risk Management (2011), Ghaziabad
16. One day Value Education Workshop on “Human Values & Professional Ethics” (2010), Ghaziabad.
17. National Conference on “Coping with downturn: Through professional excellence and entrepreneurship in changing global environment”, (2010), Ghaziabad.
18. Workshop on “Human Values and Professional Ethics” (2009), Meerut.
19. National Seminar on “Natural Disasters: Threat Perception -Myth and Reality (2002)”, Dehradun.
20. National Seminar on “Environment and Technology for Water Resource Management” (2001), Dehradun.
21. National Seminar on Environment Aspects of Bio-monitoring and Water Quality Management (2000), Dehradun.

Research Papers Published:

1. Paper entitled ‘A comparative study of the drinking water quality of Tubewell and Tap water of Dehradun City’ *Jr. Ecophysiol. Occup. Health* **1** (2001) 195-201 (R.K. Pande and Sukhvinder Kaur).
2. Paper entitled 'Studies on Hematological Parameters of Rat under the stress of exhaust Pipe Emission from Scooter'. *Jr. Nat Con.* **14 (1)** (2002) 141-145 (R.K. Pande and Sukhvinder Kaur).
3. Paper entitled ‘Stomatal responses of Lemon to exhaust emission from vehicles using different types of fuels’. *Jr. Pollution Research* **23 (3)** (2004) 451-454 (Sukhvinder Kaur)
4. Paper entitled ‘Studies on Haematological and Histopathological parameters of male rat under the impact of Exhaust pipe emission from two-stroke engine vehicles’. *Jr. Pollution Research* **24 (4)** (2005) 891-897 (R.K. Pande and Sukhvinder Kaur).
5. Paper entitled ‘Studies on Haematological parameters of female rat under the stress of Exhaust pipe emission from petrol and diesel vehicle in summer season’. *Jr. Pollution Research* **25 (1)** 63-66 (2006) (Sukhvinder Kaur and R.K. Pande).
6. Paper entitled ‘Studies on Impact of Exhaust Pipe Emission from Petrol and Diesel Vehicle on Haematological Parameters of Male Rat in Summers’. *J. Ecophysiol. Occup. Hlth.* **6** 149-152 (2006) (Sukhvinder Kaur and R.K. Pande).
7. Paper entitled ‘Studies on impact of exhaust pipe emission from diesel vehicle on haematological parameters of female rat during winter season’. *J.Punj. Acad. of Sci.* 13-14(1&2) 83-86 (2016) (Sukhvinder kaur).
8. Paper entitled ‘Studies on stomatal responses of Jamun (*Syzygium cuminii*) to exhaust pipe emissions from vehicles using different types of fuels. *Eco, Env. & Cons.* 2017(1)207-210,. (Sukhvinder kaur).
9. Paper Entitled “Renewable Energy Technologies – Present and Future Prospects in Indian Economy”. *AGU International Journal Of Research in Social Sciences & Humanities.* 2017 (5) (Sukhvinder Kaur).

10. Paper Entitled “Effects of automobile exhaust pollution (from 2- stroke and 4-stroke Engine vehicles) on the haematological parameters of female rat during winter season.” Eco.Env.&Cons.24(2):2018,pp.(196-200).(Sukhvinder kaur).
11. Paper Entitled “ Studies on changes in chlorophyll content of Jamun in response to exhaust Pipe Emissions from Petrol and diesel Using vehicles”. Procc.Zool.Soc.India.18(1): 53-56 (2019)(Sukhvinder kaur).
12. Paper Entitled “Studies on the Impact of Automobile Exhaust Emissions (From Vehicles using Diesel and Petrol) on Chlorophyll Content and Leaf Biomass of Lemon”. Research & Reviews: A Journal of Life Sciences 10(1):1-4(2020)(Sukhvinder kaur).

Book Chapter Published

Sukhvinder Kaur Author of chapter “Effects of Green Revolution on Socio Economic and Environmental Status of Punjab – A Review” in Contemporary Issues and Challenges in the Society. First Edition-2020. A New Era International Imprint, Chandigarh, pp 236-247.

Membership:

1. Punjab Science Congress, Life Member.
2. Zoological society of India, Life member.
3. Member, Panjab university UG Board of studies for Zoology since March,2019.

Prize/Awards

Grant awarded from Ministry of Environment and Forest, Utrakhand Government for PhD research work.

Certificate of Appreciation for qualifying the E-Quiz on COvid-19 and Food Acceptability Awareness organized by College of Dairy and Food Technology, Maharana Pratap Univ. of Agri. and Tech..Udaipur(Rajasthan) on 31st May.2020.

Sukhvinder Kaur