

# CURRICULUM VITAE

## Dr. Kamalpreet Kaur

Designation: Assistant Professor

Department of Chemistry

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**Objective:** To associate with multi-dynamic institute, which may provide a platform to update my knowledge & skills in accordance with latest trends in teaching along with research that follows a tradition of anticipating & leading changes.

**Short Introduction** Ph.D. in Chemistry [2015-2019], with nearly nine years of teaching experience at various institutes. Research work at Environ Tech Laboratories at Mohali along with handling of instruments like AAS, UV Spectrophotometer, Flame Photometer. Ten research papers in International/National Journals along with four International/National Conferences attended.

**Academic qualification:** PhD in Chemistry

1. PhD : *"Impact of Textile Effluents on Water Quality and Agricultural Soil in Barnala Region Punjab India"*, [Aug. 2015- Jan.2019]  
Guru Kashi University in Talwandi Sabo (Bathinda)
2. M.Sc. : Organic Chemistry (2008-2010), Multani Mal Modi College, Patiala
3. B.Ed : Science-English (2007-2008), Brakkat Girls College of Education  
Tallewal (Barnala)
4. B.Sc. : Medical (2005-2007), S.Govt. College Of Sc.Edu.& Research  
Jagraon (Ludhiana)
5. 12<sup>th</sup> Class : Govt.Girls Sen. Sec. School Bhadaur (Sangrur), 2004
6. 10<sup>th</sup> Class : Baba Gandha Singh Public School Barnala, 2002

**Teaching Experience:** Nine years of teaching experience as follows:-

1. Lect. in Chemistry (adhoc) : Miri Piri Khalsa College Bhadaur, Barnala (S.G.P.C)  
[Jan.2011 –May 2013]
2. Lect. in Chemistry (adhoc) : Mata Sahib Kaur Girls College, Gehal, Barnala (S.G.P.C)  
[July 2013-Feb.2017]
3. Asst. Prof. in Chemistry (adhoc) : Guru Gobind Singh Khalsa College Bhagta Bhai Ka,  
Bathinda (S.G.P.C) [July 2018-April 2020]
- 4.Asst. Prof. in Chemistry (guest) : University College, Barnala (Sep.2020 to 20 Feb 2021)
- 5.Asst. Prof. in Chemistry (guest) : University College, Jaito(6 March 2021 to till date)

**List of Research Papers:**

**Paper1:-**Kamalpreet Kaur and Dr. Yogita Sharma (2018), “Cleaning of Water from Impurities by the method of filtration.” *International Journal of Research (IJR)*, Vol.05, Issue-01, PP-954-961.Impact-Factor: 5.60

**Paper2:-** Kamalpreet Kaur and Dr. Yogita Sharma (2018), “Assessment of arsenic Heavy Metal in Agricultural Soil Near Textile Industry: Detrimental to Humans” *International Research Journal of Natural and Applied Sciences (IRJNAS)*, Vol.05, Issue-01, PP-1-10.Impact-Factor: 5.46

**Paper3:-** Dr. Yogita Sharma and Kamalpreet Kaur, (2017) “Analysis of pH and Electrical Conductivity of White Ash Discharged from Textile Industries in Barnala Region (Punjab, India): Deteriorating to Human Health” *International Journal of Chemistry and Chemical Sciences*, Vol.7, Issue-2, PP-72-80.Impact-Factor: 4.525

**Paper4:-** Dr. Yogita Sharma and Kamalpreet Kaur (2017), “An Assessment of Lead contamination on Groundwater and Soil Quality in the Vicinity of Industrial Area of Barnala City (Punjab,India)” *International Journal of Advances In science Engineering and Technoogy*, Vol.05, Issue-02, PP-28-32.Impact-Factor: 0.41

**Paper 5:-** Dr. Yogita Sharma and Kamalpreet Kaur (2017), “Chloride Assessment near Textile Industries Water Sources: Deteriorating Livelihood” *International Journal of Research*, Vol.04, Issue-10, PP-823-829.Impact-Factor: 5.60

**Paper 6:-** Dr. Yogita Sharma and Kamalpreet Kaur (2016), “Determination of Nitrates and Sulphates in Water of Barnala Region and their Harmful Effects on Human Lives” *International*

*Journal of Advanced Research in Education and Technology (IJARET)*, Vol.03, Issue-03, PP-79-82. Impact-Factor: 1.568

**Paper 7:-** Dr. Yogita Sharma and Kamalpreet Kaur (2016), “Textile Industries: Lead Discharge in Barnala region, Punjab (India)-Devastating effects on Humans” *International Journal of Current Microbiology and Applied Sciences (IJCMAS)*, Vol.05, Issue-09, PP-626-634. Impact-Factor: 2.937

**Paper 8:-** Dr. Yogita Sharma and Kamalpreet Kaur (2016), “Impact of Textile Effluents on Physico-Chemical Parameters of Water in Barnala Region (Punjab, India): Risk on Human Lives” *International Journal of Advanced Research In Education and Technology (IJARET)*, Vol.03, Issue-03, PP-116-120. Impact-Factor: 1.568

**Paper 9:-** Dr. Yogita Sharma and Kamalpreet Kaur (2016), “An Assessment of physiochemical parameters of water in barnala region: risk to human lives”, *International Journal of Science Technology and Management*, Vol.05, Issue-08, PP-517-526. Impact-Factor: 2.012

**Paper 10:-** Dr. Yogita Sharma and Kamalpreet Kaur (2016), “Textile effluents changes physiochemical parameters of water in barnala region: threat for human lives”, *Journal of Basic and Applied Engineering research (JBAER)*

### **List of International Conferences:**

1. Dr. Yogita Sharma, Kamalpreet Kaur, “An Assessment of Lead contamination on Groundwater and Soil Quality in the Vicinity of Industrial Area of Barnala City (Punjab, India)” *167<sup>th</sup> international conference on natural science and environment (ICNSE) held in Melbourne, Australia on 4<sup>th</sup> -5<sup>th</sup> March 2017*

2. Dr. Yogita Sharma, Kamalpreet Kaur, “An Assessment of nickel contamination in ground water and agricultural soil through textile effluents” *4<sup>th</sup> water research conference on the role of water technology innovation in the blue economy held in Waterloo, Ontario Canada on 10-13 Sept 2017 organised by Elsevier*

3. Dr. Yogita Sharma, Kamalpreet Kaur, “An Assessment of physiochemical parameters of water in barnala region: risk to human lives”, *International Conference on recent in sciences, Management, Education and Technology in Sirsa*

4. Dr. Yogita Sharma, Kamalpreet Kaur,” Textile effluents changes physiochemical parameters of water in barnala region:threat for human lives”, *International conference on Innovative research in material Sciences,Energy Technologies and Environment engineering for climate change mitigation in New Delhi*

### **List of Workshops:**

1. National Workshop on Non-Verbal Communication at Multani Mal Modi College  
on August 23 , 2008
2. One Week National Workshop on Latex and Matlab at Guru Kashi University  
On July 31<sup>st</sup> –August 5<sup>th</sup>, 2017
  - Participation in a Webinar on "**Sri Guru Tegh Bahadur Ji: Jeevan –Darshan**", at Guru Nanak College, Moga (S.G.P.C) on 17<sup>th</sup> July, 2020.

### **Skills:**

- MS office (Word, Excel & Power Point)
- Analysis of Heavy metals, anions & cations by using Instruments like AAS, UV Spectrophotometer, Flame Photometer.

### **Extra-Curricular Activities:**

1. External examiner for B.Sc.III for organic chemistry practical at Rajindra College, Bathinda
2. Participation in N.S.S camp at Thikriwala, Barnala (29/10/2003 to 7/11/2003)
3. Participation in N.S.S camp at Gehal, Barnala (21/01/2015 to 27/01/2015)
4. Worked as a Assistant Co-ordinator in N.S.S camp at Guru Gobind Singh Khalsa College  
Bhagta Bhai Ka, Bathinda ( 2018-2020).