

- 1. Name of Faculty Member :** Dr ARVINDER KAUR
- 2. Designation :** Assistant Professor
- 3. Address & Contact details :** Department of Chemistry  
G. G. N. Khalsa College, Civil Lines,  
Ludhiana – 141001  
e. mail: [arvinderkaur189@gmail.com](mailto:arvinderkaur189@gmail.com)
- 4. Area of specialization :** Organic Chemistry
- 5. Research / Professional Experience:**

	<b>Course / Profession</b>	<b>Title of Research Work</b>
1	M.Sc. (Organic Chemistry)	<b>Dissertation:</b> Synthesis and Plant Growth Activity of Substituted Amides
2	Ph.D. (Organic Chemistry)	<b>Thesis:</b> Studies on Synthesis and Herbicidal Activity of Compounds containing Hetero Atoms
3	Research Associate. (Dept. of BioChem. P. A. U. Ludhiana.	<b>Research Project:</b> Study on the Biochemical Factors Regulating the Metabolism of Free Sugars Particularly Sucrose in Relation to the Synthesis of Starch and Grain productivity in Cereals. <b>(Project granted by ICAR, New Delhi)</b>
4	Assistant Bio Chemist. R.R. Stn. P.A.U. Ludhiana	<b>Research Project:</b> Inheritance Studies in Rice
5	Refresher Course	Research Methodology in Sciences (Chemistry). Conducted by UGC. Academic Staff College, P.U. Chandigarh (2 March 2010 to 22 March 2010)
6	Refresher Course	Environmental Awareness Conducted by Academic Staff College, P.U. Chandigarh (3 March 2012 to 23 March 2012)

## 6. Workshops/ Conferences Organized/ Attended

- i. Organizing secretary of National Seminar titled “ Sikh Vision of Multicultural Society” . Seminar sponsored by the College Development Counsel, Punjab University Chandigarh on 15<sup>th</sup> march 2017
- ii. Participation in the workshop titled “Techniques of Writing Research Paper: Application of Statistical Tools. National Workshop Organised by Khalsa College for Women, Civil lines, Ludh. and Association for Research and Advanced Studies (Regd.)
- iii. Organizing secretary of International Conference on Trends and challenges in Science and Technology held at GGN Khalsa College, Civil Lines, Ludhiana
- iv. Participation in national workshop titled “How to get grade A in NAAC. “ conducted by Alert Knowledge services, Gurgaon, New Delhi on 4<sup>th</sup> July 2015.

## 7. Academic Awards / Honors

- i. University Merit Fellowship. Department of Chemistry, P. A. U. Ludhiana. (1981 to 1991)
- ii. Awarded Academic Role of Honor for M. Sc. Chemistry, College of Basic Sciences and Humanities, PAU Ludhiana.

## 8. Membership of Academic / Research Bodies

- i. Member Chemical Society, COBSH, PAU Ludhiana
- ii. Life Member Indian Science Congress

## 9. Publications

1. M.S. Bhatia, Arvinder Kaur, B. Kaur and X. M. Cherian. 1989. “Synthesis and J.H. ctivity of N – (Substituted) – y1 – 3 - (sub-1’ – phenyl) acrylamides and N – (Substituted) – y1-2- alkyl-3- (sub – 1- phenyl) – acrylamides”. Journal of Indian Chemical Society, Vol.66, pg. 205-206

2. S. Sharma, Arvinder Kaur and M. S. Bhatia, 1989. "Synthesis of substituted Aromatic Amides". Journal of Indian Chemical Society, Vol.66, pg 829-830
3. M. S. Bhatia, Arvinder Kaur, S. Devi and B. Kaur.1991. " Effect of substituted aromatic amides containing purazolone system on growth activity of turnip ( Brassica napus L.) ". Journal of Pl. Science research, Vol.7, pg 58-60
4. M. S. Bhatia and Arvinder Kaur. 1990. " Synthesis of Microcyclic compounds containing phosphorus as potential plant growth regulators." Proceedings of Twenty Seventh Annual Convention of Chemists, Bhodhgaya.
5. M. S. Bhatia, A. Kaur and L. S. Brar. 1994. " Herbicidal Activity of Acyl Phosphonates against Mungbean (Vigna radiate (L). Wilczek and Rice ( Oryza sativa)." Indian Journal of Weed Sciences. 26 (1&2): pg 6-11
6. Organic Farming vis-a-vis Conventional Farming Chapter published in book 'Trends and Challenges in Life Sciences'. ISBN No. 978-93-85835-56-8
7. Editor of the book - 'Trends and Challenges in Life Sciences'. ISBN No. 978-93-85835-56-8

### **10.Additional Assignments /Activities**

- i. Coordinator Dept. of Advertisement and Sales Management and Promotion
- ii. Director Career Counseling and Guidance Cell. (2016 to 2017)
- iii. Editor (Science Section) NAV RANJIT till 2018
- iv. Member Gurdwara Management Committee
- v. Stage Coordinator and Anchor for the college events