

Gurpreet Kaur

Head of Mathematics Department

Qualification: M.Sc Mathematics ( Honors Gold Medallist) CSIR-NET

Experience : 15 Years and 02 Months till now

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Designation: Assistant Professor in Mathematics (Head of Mathematics Department)

**Workshops / Orientation Course/ Seminars/ Publications by Assistant Professors of department:**

1. Attended 05 days Workshop on “ *Micro Teaching and Audio Visual Aids*” at Guru Nanak College for Girls, Muktsar Sahib from
2. Presented a paper in National Seminar on “ *Female Foeticide, Role Of Society and Technology in Punjab*” at Khalsa College, Garhdiwala on 31.03.11
3. Presented a paper in National Seminar on “ *Promotion of Ethics and Human Values*” at Khalsa College Garhdiwala on 30.09.11 and 01.10.11
4. Attended National Workshop on “*Sparse Statistics, Optimization and Mechanism Learning.*” At Lyallpur Khalsa College ,Jalandhar on March 30-31,2012.
5. Attended National Seminar on “ *Applicable Mathematics – Computational and Quantitative Techniques.*” at Khalsa College For Women on March 22,2012.
6. Participated in UGC sponsored ORIENTATION PROGRAMME at GNDU Amritsar from 07.06.2012 to 04.07.2012
7. Attended NSS camp as non student at Khalsa College,Garhdiwala from 17.12.2011 to 23.12.2011.
8. Presented a paper on topic “Mathematics – a solution or a problem to students “ in national seminar on “ I.T. Tools and Techniques in Research” on June 29,2014 at DAV College Hoshiarpur
9. Attended an International Conference “ Recent Trends in Mathematical Modelling and Statistical Analysis” held on J.C.D.A.V college Dasuya on 30<sup>th</sup> September,2014.
10. Completed seven days workshop on “Rings and Modules” from 15<sup>th</sup> -21<sup>st</sup> April, 2014 at D.A.V college , Jalandhar.

11. Attended seven Days workshops on “ Research Tools in Mathematics” from Decenmber 19<sup>th</sup>-25<sup>th</sup>, 2014 at Mata Gujri College , Mukatsar Sahib.
12. Participated in refresher course “Mathematics and Statistics” from 12.5.2014-31.5.2014 at Punjabi University,Patiala.
13. Attended online FDP organised by Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib from July 7-13, 2020 on “Online Teaching-Learning Practices: Challenges and Solutions
14. Participated in webinar on “Statistical Analysis as an Interface in Engineering Problems” organised by Department of Mathematics-CIBT on 13<sup>th</sup> July,2020
15. Participated in webinar on “Challenges of Distance Education after Covid 19” organised by Mata Gujri Khalsa College, Kartarpur on June22,2020
16. Participated in webinar on “Mathematics and Application of Mathematics” organised by Department of Applied Science, Mathematics, Humanities of Pillai College of Engineering, Maharashtra on 27-29<sup>th</sup> June,2020
17. Participated in one week FDP on “Mathematical Modelling and Numerical Techniques 2020” held from 27.07 2020 to 31.07.2020 organised by Kakatiya Institute of Technology and Science, Warangal
18. Participated in webinar on “National Intellectual Property Awareness Mission ” organised by Intellectual Property Office, India on June 9, 2022
19. Completed two week interdisciplinary refresher course on “Research Methodology” from 20Feb.- 06 March,2022 organised by Teaching Learning Centre, Ramanujan College, University of Delhi
20. Paper presenter in National Conference at Khalsa College Garhdiwala ,organized by Chemistry department,on February 17,2023 on the topic “ Importance of Mathematics in Nature”
21. Presented a paper with title “ Gender Discrimination in Society” in National Seminar organized by Political Sciencce department of Khalsa College Garhdiwala on May8,2023

### **Publications:**

1. Published an article “Professional Ethics and Values” in edited book” Human Values and Professional Ethics” with ISBN :978-93-5113-539-5
2. Published an article “Numbers and Different Number Systems” in Internatinal Journal “ Chintan Research Journal” with ISSN: 2229-7227.

3. Published a paper in International Journal of Advance Research in Science and Engineering in volume 01 , issue 01, January 17 with title “Information Technology and Mathematics”
4. Published a paper in International Journal of Advance Research in Science and Engineering with title “Golden Ration: The Ratio of Beauty” in 2017
5. Wrote an article with title “Problems of Learners in India regarding Mathematics” in UGC approved Academe Journal of Education and Psychology volume 8 in 2018
6. One of the three authors of book named “Probability Theory” in session 2017-18 which is revised every year