

1. **Name of Faculty Member:** Dr. Geeta Jallan

2. **Designation:** Assistant Professor

3. **Contact details:**

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4. **Area of specialization:** Applied Chemistry

5. **Awards / Honours / Fellowships:** Joined as JRF in Project funded by CSIR

6. **List of best publications:**

S.No.	Author(s)	Title Name of Journal	Volume	Page	Year
1	G.Jallan ,G.S.Pandey	"Composition of Domestic Sewage Sludge" Indian J. Environ. Protec.	Voi 8(8)	593-594	1988
2	G.Jallan ,G.S.Pandey	"Domestic Sewage Sludge: Determination of Toxic Metals " Indian J. Environ. Protec	9(7)	516-17	1989
3	G.Jallan ,S.Pilley,G.S.Pandey	"Flourides in Blast Furnace Gas Cleaning Sludge" Flouride, International Society for Flouride, Michigan, USA,	22(3)	131-132	1989
4	G.Jallan ,G.S.Pandey	"Alum Plant Waste: Application in treatment of Flouride Polluted water" Flouride, Michigan, USA, .	23(1)	142-145	1990
5	G.Jallan ,G.S.Pandey	"Toxic Metals Transport by Blast Furnace Gas" Journal of Institute of Engineers(India), Environmental engineering	Div 71	42-43	1990
6	G.Jallan ,G.S.Pandey	"Sedimented Sludge of Dress Cleaning Oil Refuge: Determination of Antropogenic Elements" Asian Environment, Philippines	13(1)	69-73	1991

7	G.Jallan ,G.S.Pandey	"Blast Furnace Gas Cleaning sludge as Absorbent of some toxic ions" Research and Industry.	vol 37, No. 3,	143-145	1992
8	G.Jallan ,G.S.Pandey	"2-Thioorotic acid (Ammonium Salt) as a reagent for the Conductometric estimations of Li(I), Ag(I), Be(II), As(III)" Nat. Acad. Sci. Letters.	Vol 16, No3	103-106	1993
9	G.Jallan ,G.S.Pandey	" De- ionization of Pb ions and Zn ions in Sewage Environment" Journal of Environmental Biology.	15(2)	83-84	1994
10	G.Jallan ,G.S.Pandey	"Self Regulated Softening process in Domestic Sewage water" J. of Indian Water Works Association,	Vol 4	117-119	1994
11	G.Jallan ,G.S.Pandey	Effluents Detoxification by Water Works Waste, International Journal of Engineering Technology, Management and Applied Sciences .	Vol 3	276-278	2015
12	G.Jallan ,G.S.Pandey	Recycling of Dress-Cleaning Oil- Refuge International Journal of Engineering Technology Science and Research .	Vol 4,Issue 9	984-988	2017

7. Books/Reports/Chapters/General articles etc.

S.No	Title	Book's Name	Publisher	Year of Publication
1	Effectiveness of Water Floridation of Raw Water.(A Review),	Trends and Challenges	GGN Khalsa College, ISBN No 978-93-85835-57-5.	2018
2	Agriculture the Major Source of Water Pollution	Trends and Challenges	GGN Khalsa College, ISBN No 978-93-85835-57-5.	2018
3	The Role of Practical Work in the Teaching and Learning of Science	Enhancing Quality in Higer Education	GGN Khalsa College, ISBN No 978-93-83092-86-4.	2019

8. Highlights of research work:

Applied chemistry is increasingly **important** in solving environmental problems and contributing to the development of new materials,

. This major has four areas of study: physical **chemistry**, materials **chemistry**, **chemical** engineering, and environmental **chemistry**.