

## FACULTY PROFILE

**Name:** Dr. Gunjan saxena  
**Designation:** Assistant Professor  
**Department:** Applied Sciences (First year)  
**Date of Joining:** 3 Oct 2023  
**Qualification:** M.Sc., Ph.D  
**E-Mail ID:** Gunjan@coet.in  
**Total experience:**  
a) Teaching experience: 15  
b) Industry experience: 00



### **Publications:**

### **Papers in Journals/Conference/Seminar/Proceedings**

Sl. No.	Title of the paper	Title of conference / seminar volume	Year of publication	Publisher
1	Synthesis, characterization and calculated non-linear optical properties of two new chalcones,	Volume 1017, Pages 26–31.	2012	Journal of Molecular Structure
2	Synthesis, characterization and biological activities of some Ru (II) complexes with substituted chalcones and their applications as chemotherapeutics against breast cancer	Volume 1111, Pages 90–99.	2016	Journal of Molecular Structure
3	Synthesis, characterization and biological evaluation of Ruthenium Flavonol Complexes against Breast Cancer.	Pages 180.	March 2017.	Spectrochimica Acta Part A Molecular and Bimolecular Spectroscopy 180.
4	Design, Synthesis characterization and Biological evaluation of Ruthenium complexes of Flavone thiosemicarbazones as Antiproliferative and Microbacterial Activities.	Select 3(44):12682-12689	November 2018.	Article in Chemistry Select 3(44):12682-12689.
5	Antimycobacterial Activities of Ruthenium (II) complexes of Hydroxyl Flavone Hydrazones.	10(1); 1760-1791.	January 2021	Letters in Applied nano Bioscience 10(1); 1760-1791. January 2021

**Conference/Workshop/Seminar participated:**

Sl. No.	Title	Organized by	Year/Month
1	International Conference & Humboldt kolleg. Department of Chemistry,	University of Lucknow, Lucknow, India,	January, 03-06, 2012.(Poster presentation)
2	National seminar on Natural Products & Organic Synthesis (NOPS) – 2012. Department of Chemistry, on)	University of Lucknow,	March 28, 2012. (Poster presentati
3	World Environment Day Celebrations.	Department of Chemistry University of Lucknow, in association with UNESCO,	June 5-20, 2012. (Poster presentation)
4	National Conference on Indoor Air Quality- A New Challenge to India.	IT College, Lucknow,	February 23-24, 2011.
5	National seminar on Supramolecular and Organometallic.	Chemistry, Department of Chemistry, University of Lucknow,	March 25, 2011.
6	16th National Conference on Physics and Technology of Sensors.	Department of Physics University of Lucknow, 1	1-13February, 2011.
7	National seminar on Organometallic Chemistry, ,	Department of Chemistry, University of Lucknow	March 31, 2010. (Poster presentation)
8	Workshop CEGR (Centre for Education Growth and Research) on Assessment and Accreditation.	Sunder deep group of institution, Dasna, Ghaziabad	November 17, 2018.

**Any other Information:**

- ✓ 15 Years teaching experience in Collage.
- ✓ Certification in UHV conferance
- ✓ An enthusiastic and motivate chemist with hands on experience in one pot as well as multistep synthesis of biologically active heterocyclic compounds.
- ✓ Execution of general purification and separation technique.
- ✓ Proficient in experimental methodology and interpretation of data from techniques such as <sup>1</sup>HNMR, IR, UV-VIS, MASS spectrometry etc.
- ✓ Biological studies against breast cancer and lung cancer cell lines.