



GOVERNMENT COLLEGE SIROHI



Name of Faculty Member- Jaishree Gurnani

Name of Academic Department- Chemistry Department

Department Room No.- 116

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Personal webpage- Nil

Qualifications:

Degree	Name & Place of University	Year
Ph.D.	Jai Narain Vyas University, Jodhpur (Raj.)	1994
M.Phil.	N/A	-
Post Graduate (PG)	Jai Narain Vyas University, Jodhpur (Raj.)	1992
Under Graduate (UG)	Jai Narain Vyas University, Jodhpur (Raj.)	1990

Areas of Interest/ Specialization- Organic chemistry

Teaching Experience (Years)- UG...25... and PG...25.....

Supervision of Awarded Doctoral Thesis (Nos)- Nil

Under Progress (Nos)- Nil

Awards and Honours- Nil

Academic Responsibilities at the College- Teaching UG and PG theory and practical classes



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Extra-Curricular Activities- Member - Cultural Committee, Literary Committee, Women Cell, Girls' Sports

International/National collaboration (select collaboration)- Nil

Best Peer Reviewed Publications (up to 5)-

- 1) "Synthesis of 2-(2,4-Dinitrophenylsulphonyl) Ethyloxycarbonyl Chloride: A reagent for introducing a new base labile amino protecting group for peptide synthesis", Jaishree Gurbani, C. K. Narang, M. R. K. Sherwani, Hungarian journal of industrial chemistry, 1999, 27, 1-3
- 2) "Synthesis of Solid Phase Peptides using a new base labile protecting group: 2-(2,4-Dinitrophenylsulphonyl) Ethyloxycarbonyl Chloride", Jaishree Gurnani, C. K. Narang, M. R. K. Sherwani, Oriental journal of chemistry, 2000, 16 (3), 469-474
- 3) Synthesis and spectral studies of metal complexes of Pyrazine-2-Carboxaldehyde-O-Hydroxyl Benzoyl Hydrazone (HPHBH)", Journal of Chemical, Biological & Physical Science, Feb. - Apr. 2016, Vol. 6, No. 2, 499-509. (Suresh Pal, Ajay Sharma, Gayatri Prasad, Jaishree Gurnani, Santosh, Uma Vyas and R. S. Chauhan)
- 4) "Photocatalytic Bleaching of Bromothymol Blue using Polyoxochromate a Well-Dawson Catalyst", International Journal of Green and Herbal Chemistry (IJGHC), March-May 2016, Sec. -A, Vol. 5, No. -2, 158-167. (Uma Vyas, Pokar Lal, Jaishree Gurnani, Shailendra Singh Rathore and Ajay Sharma)

Recent Peer Reviewed Journals/ Books-

- 1) Organic chemistry for B. Sc. 1st year, MLSU; Himanshu Publications; 2020
- 2) Organic chemistry for 2nd year, MLSU; Himanshu Publications; 2020
- 3) Organic chemistry for 3rd year, MLSU; Himanshu Publications; 2021

Patent (if any)- Nil

Research Projects (Minor/Major/any other)-

Sr. No	Title of the Project	Year	Funding Agency
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1.	N/A	-	-
2.	N/A	-	-
3.	N/A	-	-

Conferences/Seminars/Workshops-

- 1) Participated and presented a paper and titled "Synthesis and uses of 2-(2,4-Dinitrophenylsulphonyl) Ethyloxycarbonyl Chloride: A reagent for introducing a new base labile amino protecting group for peptide synthesis" on 26th-29th December 1995 at 32nd Annual Convention of Chemists-1995 organised by Indian Chemical Society held at University of Rajasthan, Jaipur.
- 2) Participated in seminar on "Recent Innovations in Science and Engineering Terminology" organised by CSTT, MHRD, New Delhi on 9th and 10th December, 2015 at Chartered Institute of Technology, Abu Road, Sirohi Rajasthan.
- 3) Participated and done a poster presentation on 10th September, 2016 in UGC-sponsored National Conference on "Advances in Chemical, Environmental and Biological Sciences- Challenges in 21st century (ACEBS-2016) organised by Department of Chemistry, Government Meera Girls' College, Udaipur, Rajasthan.
- 4) Participated in 54th annual convention of chemistry 2017 on 23rd - 25th December 2017 hosted by department of chemistry, Uka Tarsadia University, Maliba Campus, Bardoli, Surat, Gujarat and organised by Indian chemical society, Kolkata.
- 5) Participated and presented a research paper entitled, "Overview of Green chemistry and green engineering" in International Conference on "Mankind at Crossroads: challenges and Solutions" organised by Government Bangur College, Pali, Rajasthan in Association with Ministry of Law and Justice, Government of India on 17th-18th January, 2019.

Paper Presentations/Participation (Last 5 years)-

- 1) Participated in 54th annual convention of chemistry 2017 on 23rd - 25th December 2017 hosted by department of chemistry, Uka Tarsadia University, Maliba Campus, Bardoli, Surat, Gujarat and organised by Indian chemical society, Kolkata
- 2) Participated and presented a research paper entitled, "Overview of Green chemistry and green engineering" in International Conference on "Mankind at Crossroads: challenges and Solutions" organised by Government Bangur College, Pali, Rajasthan in Association with Ministry of Law and Justice, Government of India on 17th-18th January, 2019.

Other Relevant information's- Nil