



GOVERNMENT COLLEGE SIROHI



Name of Faculty Member- Seema Varshney

Name of Academic Department- Chemistry

Department Room No.- 116

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Personal webpage- No

Qualifications:

| Degree | Name & Place of University | Year |
|----------------------------|---------------------------------------|-------------|
| Ph.D. | J.N.V.University , Jodhpur. Rajasthan | 1992 |
| M.Phil. | N/A | |
| Post Graduate (PG) | J.N.V.University , Jodhpur. Rajasthan | 1990 |
| Under Graduate (UG) | J.N.V.University , Jodhpur. Rajasthan | 1988 |

Areas of Interest/ Specialization-

Teaching Experience (Years)- UG...25 Yrs..... and PG...23 Yrs.....

Supervision of Awarded Doctoral Thesis (Nos)- NIL

Under Progress (Nos)- NIL

Awards and Honours- Gold Medal at Post Graduation Level

Academic Responsibilities at the College- Convener of 'Science Association' and 'Inspire ' committee . Member of.... NAAC, IQAC& AISHE Committee, Scholarship committee, Cultural Committee, Discipline Committee, Women Harassment Redressal Committee, Girls Common Room Committee

Extra-Curricular Activities- Participation in cultural Programmes

International/National collaboration(select collaboration)- No



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Best Peer Reviewed Publications (up to 5)-

1. Kinetics and Mechanism of Oxidation of Oxalic and Formic Acids by Pyridinium Chlorochromate. Journal of Chemical Research (S)
2. Kinetics and Mechanism of Oxidation of substituted Benzaldehydes by Ethyl N-Chlorochromate. Journal of Physical Organic Chemistry
3. Kinetics and Mechanism of Oxidation of Diols by Ethyl N- Chlorocarbamate. Journal of the Chemical Society, Perkin Transaction 2
4. Kinetics and Mechanism of Oxidation of secondary Alcohols by Bis (2,2'-Bipyridyl) Copper (II) Permanganate. Indian Journal of Chemistry
5. Kinetics and Mechanism of Oxidation Of Phosphorus Oxyacids by Pyridinium Hydrobromide Perbromide. Proceedings of the Indian Academy of Chemical Sciences

Recent Peer Reviewed Journals/ Books-

1. Widespread Deficiency of Iron in Soils and its impact on Plants and Human Food. Current Agriculture... International Journal of Agriculture and Allied Sciences
2. Women Empowerment Through Education in India.....Book
3. Iron Deficient Soils (Impact on Food and Environment).....Book
4. Prayogic Rasayan....Second Year. Book
5. Bhartiya Sanskrati mein nirupit Jeevan mulya awam manavadhikaar.....Book

Patent (if any)- Nil

Research Projects(Minor/Major/any other)-

| Sr. No | Title of the Project | Year | Funding Agency |
|--------|------------------------|------|----------------|
| 1. | Minor research Project | 2010 | UGC |
| 2. | | | |
| 3. | | | |



GOVERNMENT COLLEGE SIROHI

Conferences/Seminars/Workshops-

- 1. Women Empowerment Through Higher Education In India.....At Govt. Bangur P.G. College, Pali ...By UGC**
- 2. Two Days Zonal Level Workshop.....By Commissionerate of College Education , Jaipur & Govt Bangur P.G.College, Pali**
- 3. International Conference on mankind at crossroads : Challenges and Solutions.....By UGC**
- 4. National Conference on 'Green Chemistry For Clean Environment'**
- 5. Ground Water Related & Ground Water Managment Issues....By GOI**

Paper Presentations/Participation (Last 5 years)-

- 1. Women Empowerment Through Education In India.....At Govt. Bangur P.G. College, Pali ...By UGC**
- 2. Degradation of Soil Due To Poor Quality Water Under Irrigation.**
International Conference on mankind at crossroads : Challenges and Solutions.....By UGC
- 3. National Conference on 'Green Chemistry For Clean Environment'**

Other Relevant information's- N/A