

***Faculty Name : Prof. Jagdish Kumar***

Designation: Associate Professor

Qualification: M.Sc Chemistry. B.Ed

Subject: Chemistry

Area of Specialization: Inorganic Chemistry

College: Govt. Degree College Kathua

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Date of Appointment: 15-02-2001

**Summary**

- Joined the Department of Higher Education as Lecturer in Chemistry on 15-02-2001.
- Presently working as Associate Professor in Chemistry at Govt. Degree College Kathua.
- Twenty three years of teaching experience.
- One Research papers published in National Journal
- Authored and Co-Authored six Books of Chemistry for undergraduate classes. 0
- Presented papers in eight National Seminars/Conferences.
- Participated in 50 International/National Seminars/Conferences/Symposia/Webinars/Workshops.
- Participated in five faculty development programmes.

- Working experience of Career-Counseling Cell.
- Acted as Zonal Magistrate/Sector Magistrate in Loksabha/Assembly elections held in district Samba and Jammu.
- Acted as Convenior/ Co-Convenor of various committees of the colleges
- Acted as College Nodal officer for National Voter Registration.

### **Awards and Achievements**

- Received certificate of appreciation “Wow at Work” in Red Cross Mela-2011.

### **International Conferences**

- Participated and presented paper in two days international conference on “Recent Advances in Interdisciplinary Sciences” held on Jan 11-12, 2019 organised by Department of Electronics, University of Jammu.
- Participated in three days International Conference on “Global Warming The Biggest Challenge of 21<sup>st</sup> Century” held on Feb 24-26, 2012 at GDC Boys Udhampur.
- Attended International Webinar on “Women In Science” organized by the Department of Chemistry SRM Institute of Science and Technology, Ramapuram Campus, Chennai in association with ACT Mumbai on 28<sup>th</sup> July 2020.
- Attended International Webinar organized by the Department of Chemistry Dr. Shyama Prasad Mukharjee University on “Interrelation between soil chemistry and Human health” held on 4<sup>th</sup> August 2020.
- Attended International Webinar on “United Nations Sustainable Development Goals and Covid-19” held on 21<sup>st</sup> August 2020 at GDC Darhal, Rajouri.
- Attended International Webinar on “Multidisciplinary Research IWMR-2021” organized by Department of Chemistry Guru Nanak College of Science, Ballarpur Distt.Chandrapur held on 13<sup>th</sup> March 2021.
- Attended International Webinar on “Sustainable Chemistry IWSC-2021” on 18<sup>th</sup> March 2021 organised by ACT C/O Homi Bhabha Centre of Science Education, Mumbai.

- Attended International Conference on “Smart Materials Applications to Devices-2021” organized by Department of Physics and Electronics Kamla Nehru Mahavidyalaya Nagpur held on May 17-18, 2021.

### **FDPs**

- Attended 10 days FDP on “ICT Tools for Reaching and Teaching Remote Learners in Higher Education” organized by Govt. College for Women, Gandhi Nagar, Jammu held on 28<sup>th</sup> September to 7<sup>th</sup> October, 2020.

- Attended 3 weeks FDP on “Effective Use of Online Teaching Platforms, Essentials of MS Office for Class Management, Poster and Brochure Designing” organized by Govt. College of Education, Srinagar on September 1-20, 2020>

- Attended 5 days FDP on “Prospective Research for Sustainable Development” SRM Institute of Science and Technology Ramapuram Campus, Chennai held on July 20-24, 2020.

- Attended 5 days FDP on “ Artificial Intelligency” organized by Yoga Nanda College of Engineering and Technology, Jammu held on July 10-14, 2020.

- Attended 3 days FDP on “ICT Tools Effective Teaching Learning” from June 8-10,2021 organised by IQAC Kamla Nehru Mahavidyalaya, Nagpur.

### **Workshops, Seminars, Symposia and Conferences attended**

1. Participated and presented a paper in One Day National Seminar on 'Impact of IT on society: Emerging trends and issues in Feb-2009, held at GCW Parade, Jammu.

2. Participated in Two Day Seminar on "Global Issues on Environment" sponsored by UGC held at Govt College for women Parade Jammu wef 17" to 18 Sept. 2010.

3. Participated and presented a paper in NAAC sponsored two day National Seminar on “Higher Education: Realities, Challenges, Trends and priorities (21-22 May, 2013)” on the topic "Problems and prospects of Quality Assurance in Govt. College “ organized by GCW Parade Jammu.

4. Participated in Two Days National IT Seminar "Role of IT in the development of country: Present Scenario, Future Scope" on society w.e.f 23 to 24" of December 2009 at GCW Parade Jammu.

5. Participated SJK Science Congress from 8-10 February, 2010 organized by Science for Society University of Jammu.
6. Participated in the ISCAS National Symposium on "New Trends in Material Research" held at ISCAS Institute of Solid State and Material Science, Jammu, University Campus, during 18 Nov. to 19 Nov 2010.
7. Participated and presented a research paper in Chemical Research Society of India, North Zone Meeting, 2011 University of tammu, Jammu during Sep 22 to 24" 2011.
8. Attended, 15 days Faculty Development Workshop Organized by Department Computer Sciences, GCW Parade in Collaboration with Department of Life Long Learning, Jammu University, at GCW Parade, Jammu from 19 of Nov 2011 to 03" Dec 2011.
9. Acted as Judge for Judgment of Science Models displayed in the 2" District level science Exhibition 2012 under INSPIRE AWARD SCHEME w.e.f. 6-07-2014 to 7-7-2014.
10. Participated in 101th Indian Science Congress-2014 organized by the University of Jammu w.e.f. 03-02-2014 to 07-02-2014.
11. Acted as Zonal Magistrate for Lok Sabha Election in respective of District Samba w.e.f. 5-04-2014 to 10-04-2014.
12. Attended National Seminar on Science and Technology for Human Development Organized by the Department of Zoology University of Jammu w.e.f 25.03.2015 to 27.03.2015.
13. Participated in one day State level conference at GDC, Thannamandi on 04-02-2017.
14. Participated and present paper in one day conference on "Green Earth" under the auspices of the Indian Science Congress Association, Jammu Chapter held at GCW, Parade on 11-02 2012
15. Participated 7 JK Science Congress from 13-15 October, 2011 organized by Science For Society University of Jammu.
16. Participated and present paper in UGC, Sponsored National Symposium on "Interdisciplinary Sciences held at GGM Science College Jammu from 02-03-2012 to 03-03-2012.
17. Participated and present paper in National Seminar on Environmental Education held at GDC Kathua from 14-02-2014 to 15-02-2014.
18. Participated in National Seminar held at GDC Kathua from 22-12-2012 to 23-12-2012.

19. Participated in National Seminar held at Trikuta College of Education Jammu on 27 Aug 2011.
20. Organised Red Cross Mela A Mega Event under the Red Cross unit of the college on 08 12-2011 at GCW Parade Jammu.
21. Attended one day workshop on "Anti Tobacco" campaign organized by District health society Samba at GDC. Samba on 16-03-2016.
22. Participated in National Workshop on "Nano Science & Material Characterization" sponsored by DST, Govt. of India, New Delhi & DRDO New Delhi held at ISCAS Institute of Solid State & Material Science Jammu University w.e.f. June 09-15. 2012.
23. Participated in 11 National Conference on the Indian Thermodynamics Society on Advances in chemical science and Thermodynamics" w.ef 02/12/2016 to 03/12/2016, organized by The Deptt. of Chemistry, University of Jammu.
24. Participated in 21 days Training Programme on "Computers Basics 'held at GCW Parade. Jammu from 3 of April to 28th of April-2008.
25. Attended 7 days National Workshop held at ISCAS Institute Jammu on June 9-15, 2012.
26. Attended 3 days online workshop on "Material Characterisation Techniques' held on July 20-22, 2020.
27. Attended 5 days National Workshop on "E-Content Development and Online Teachings" organized by Sahu Ram Swaroop Mahila Mahavidyalaya, Bareilly, UP, India on August 4-8, 2020.
28. Attended one day National Workshop on "E-Content Development" organized by GGM Science College, Jammu on 16<sup>th</sup> August 2020.
29. Attended one day workshop on "Organizing Webinars, Live Streaming and Use of Google Forms for Registrations and Certificates" organized by GDC Pulwama, Sringar on 22<sup>nd</sup> August 2020.
30. Attended National Webinar "How the Covid 19 Will Effect Children Mental Health?" organized by Govt. SPMR College Jammu on 1<sup>st</sup> June 2020.
31. Attended National Webinar on "Chemistry Towards a Sustainable Future" organized by Dept. of Chemistry GCET Jammu on 24<sup>th</sup> August 2020.
32. Attended National Webinar on "Frontiers in Nanotechnology" organized by SRM Institute of Science and Technology Ramapuram Campus, Chennai held on August 27-29, 2020.
33. Attended National Webinar on "Recent Advances in NanoScience and Its Applications held on July 27-28, 2020 at JNU, New Delhi.

34. Attended National Webinar on “Laboratory Safety Practices” held on 19<sup>th</sup> August 2020 at SRM Institute, Chennai-89.
35. Attended National Webinar on “Organic Synthesis Natural Products and Drug Discovery” held on 2<sup>nd</sup> September 2020 at Govt. AS College, Srinagar.
36. Attended National Webinar on “Spectroscopy and Solid State Chemistry” held on July 17-18,2020 at School of Studies in Chemistry and Biochemistry, Vikram University, Ujjain, MP.
37. Attended National Webinar on “Holistic Mental and Emotional Well-Being” held on 30<sup>th</sup> July 2020 at GCW Parade, Jammu>
38. Attended National Webinar on “Helping Youth to Grow Safe and Healthy Wellness through Nutrition held on 27<sup>th</sup> June 2020 at GGM Science College Jammu>
39. Attended National Seminar on “Advancements in Computing and Informatics” held on 21<sup>st</sup> July 2020 at BGSBU Rajouri, Jammu.
40. Attended National Webinar on “Recent Advances in Chemistry” organized by the Dept. of Chemistry and IQUAC Govt. GNA PG College, Bhatapara (CG) on 26<sup>th</sup> July 2021.

#### **Orientation/ Refresher Courses Attended**

- UGC Sponsored 4 Week General Orientation Course, Academic Staff College, Jammu from 12-06-2006 to 08-07-2006.
- UGC Sponsored 4 Week Refresher Course in Chemistry, Academic Staff College,Jammu, from 04-02-2013 to 23-02-2013.
- UGC Sponsored 3 Week Refresher Course in EVS, Academic Staff College, Jammu, from 20-12-2010 to 08-01-2011.
- UGC Sponsored 3 Week Refresher Course in Chemistry, Academic Staff College Jammu, June 24-July 14, 2005
- UDC Sponsored 3 Week Refresher Course in Behavioral Sciences (HD), Academic Staff College, Jammu, from 06-03-2012 to 28-03-2012

#### **Research Publications**

- Published one Research paper Hot Water Treatment of Fruit Apple CV Red Delicious to reduce Penicillium Exponsum Decay in periodic research multi-disciplinary International Research Journal.

### **Book Publications**

1. Experimental Chemistry Lab course (Inorganic Chemistry for B.Sc. Sem-1. Naveen) Publisher, PremNath Dogia Marg Jammu)ISBN-818829427-6
2. A new concept of Practical Chemistry for B.Sc. Sem-III, Narendra publishing house ISBN-978-93-83371-96-9 Jammu.
3. Inorganic Chemistry Experiments Lab Course (Inorganic Chemistry) B.Sc-Sem-IV Naveen Publishers, Prem Nath Dogra Marg Jammu ISBN-818829427-6.
4. Experimental Chemistry for B.Sc-Sem-I. Publisher: Malhotra Brothers Jammu. ISBN-818829478-0.
5. A New Concept of Practical Chemistry for B.Sc-Sem-III, Narendra Publishing house, Jammu.
6. A New Concept of Practical Chemistry for B.Sc-Sem-IV, Narendra Publishing House, Jammu. ISBN-978-93-87013-61-2.

### **Research Projects (Minor/Major Project)**

N/A