#### **Curriculum Vitae**



### Dr. Sujata Kundan

Ph.D, M.Phil. M.Sc (Inorganic Chemistry) Assistant Professor Department of Chemistry and Chemical Sciences,

Central University of Jammu, Jammu.

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#### **Career Vision**

Building Tools that build better work lives. To work in a scientific environment demanding all my skills and efforts to explore and adapt myself in my research field, where I get opportunity for continues learning.

## **Relevent Experience**

- ✓ Assistant Professor- 2<sup>nd</sup> Sep, 2016 Till date- Central University of Jammu, Jammu.
- ✓ Assistant Professor- 13<sup>th</sup> Aug, 2012 to 1<sup>st</sup> Sep, 2016- Government Gandhi Memorial (G.G.M) Science College, Jammu, Higher Education Department, J&K Govt.
- ✓ Assistant Professor- 3<sup>rd</sup> May, 2010 12<sup>th</sup> Aug, 2012- Government Degree College Kathua, Higher Education Department, J&K Govt.

### **Educational Qualification**

- ➤ Ph.D in Inorganic Chemistry from University of Jammu, Jammu (Oct, 2015) on the topic "Investigations on Substituted Porphyrins and their Axially Ligated Metal Derivatives".
- ➤ M.Phil in Inorganic Chemistry with 'A'-Grade from University of Jammu, Jammu (Sep, 2007) on the topic "Synthesis and Characterization of axially ligated Zinc(II)-p-nitro-meso-tetraphenylporphyrin".
- ➤ Master's Degree in Chemistry with I<sup>st</sup> Div from University of Jammu, Jammu, 2005.
- ➤ Bachelor of Sciences with 3<sup>rd</sup> Position (75.15%) from University of Jammu, Jammu in May 2002.
- ➤ High school (12<sup>th</sup> standard) from The Jammu and Kashmir State Board of School Education, with 69%, Model Institute of Education and Research; April 1999.
- ➤ 11<sup>th</sup> standard from The Jammu and Kashmir State Board of School Education, with 79%, Model Institute of Education and Research; April 1998.
- ➤ 10<sup>th</sup> standard from The Jammu and Kashmir State Board of School Education, 63%, Model Institute of Education and Research; April 1997.

## **Computer Knowledge**

Full-time Short-term course on Basic Course in Computer including MS Office-Word, Excel, Power-Point, Intro to Internet.

# Research Specialization (Major Scientific Fields of Interest)

Coordination Chemistry, Bioinorganic Chemistry, Porphyrin Chemistry.

## **Project**

Ongoing Project: Minor Project:

**Title:** Synthesis, Spectroscopic and Biological evaluation of Asymmetrical Cr(III)-5-meso-(p-substituted phenyl)-10,15,20-triphenylporphyrin

**Duration:** 2 years

**Total cost:** 2 Lakhs (Project No.: CUJ/Acad/P/CHESK/2017/160)

**Principal Investigator**: Dr. Sujata Kundan **Funded By:** Central University of Jammu

#### **Invited Lecture**

1. For delivering a lecture title Axial interaction of zinc(II)-5,10,15,20-meso-substituted tetraphenylporphyrins-Spectroscopic, Biological and Theoretical Characterization in the International Conference on Recent Advances in Interdisciplinary Sciences- Jan 11<sup>th</sup>-12<sup>th</sup>, 2019. Organized by Department of Electronics, University of Jammu, Jammu in collaboration with IEEE EDS, Delhi Chapter and IETE, Jammu Centre.

## **Conferences Attended/Chaired: Papers/Poster Presented**

- Sujata Kundan (Oral): Bio-energy and Waste to Energy for Sustainable Development; National Conference on Renewable Energy and Sustainable Environment (NCRESE): Challenges and Remedies April. 24<sup>th</sup> 25<sup>th</sup>, 2018. Organized by Department of Energy Management, at Shri Mata Vaishno Devi University (SMVDU), Katra, Jammu.
- 2. Sujata Kundan (Oral): Thermal Gravimetric Analysis and Antibiological Activities of Zinc(II) Macrocyclic ligands with phenolates; One Day National Conference On "Skill Enhancement Courses & Employment Generation (SECEG)" December, 19<sup>th</sup>, 2017. Organised by Department of Chemistry, Govt. Degree College, Kathua (J&K)-184101.
- 3. Sujata Kundan (*Poster*): Biological and Computational studies of Axially Ligated macrocyclic complexes of Zinc with Oxygen and Nitrogen donors; TWO DAY'S NATIONAL SCIENCE CONFERENCE ON "SCIENCE,

- SOCIETY AND SUSTAINABLE DEVELEOPMENT" **NOV, 25<sup>th</sup> and 26<sup>th</sup>**, 2017. Organised by P.G. Department of Sericulture, Poonch Campus, University of Jammu, Poonch in collaboration with Govt. Degree College, Poonch.
- 4. Sujata Kundan (Oral): Spectroscopic, Computational and Antibiological evaluation of Axially Ligated Complexes of Zn(II)-5,10,15,20-mesotetraphenylporphyrin with phenolates and pyridinates; 2<sup>nd</sup> National Conference on Role of Mathematics and Computer Science in Advancement of Physics (RMCSAP) November, 10<sup>th</sup> and 11<sup>th</sup>, 2017. Organised by Govt. Degree College, Kathua (J&K)-184101.
- 5. Sujata Kundan (*Oral*): Green Chemistry for Energy and Environment; International Conference on Renewable Energy for Sustainable Environment (ICRESE): Challenges and Remedies March. 20<sup>th</sup> 21<sup>st</sup>, 2017. Organised by Department of Energy Management, at Shri Mata Vaishno Devi University (SMVDU), Katra, Jammu.
- Sujata Kundan (*Poster*): Porphyrins----Super-molecules of the Future; 2Day National Conference on Interdisciplinary Sciences and Humanities –
  March, 15<sup>th</sup> 16<sup>th</sup>, 2017. Funded by DST-FIST, GDI at Govt. Postgraduate
  College, Rajouri, Jammu.
- 7. Sujata Kundan (*Poster*): Symmetrical Synthesis of axially ligated Zn(II)5,10,15,20-meso-tetr(p-methoxyphenyl)porphyrin and its physico-its physicochemical, theoretical calculations and biological evaluation; 12<sup>th</sup> JK SCIENCE CONGRESS March. 2<sup>nd</sup> 3<sup>rd</sup>, 2017. University of Jammu, Jammu in collaboration with J&K State Science, Technology & Innovation Council.
- 8. Sujata Kundan (*Poster*): Comparative Investigations of the Photophysical and Biological Evaluation of Symmetrical Zn(II)-meso-5,10,15,20-tetrakis(p-phenyl) Porphyrin with Phenoxide and Pyridines; 11<sup>th</sup> National Conference of the Indian Thermodynamics Society (ITS) on "Advances in Chemical Sciences and Thermodynamics Dec. 2<sup>nd</sup> 3<sup>rd</sup>, 2016. Organized by Department of Chemistry, University of Jammu, Jammu.
- 9. Sujata Kundan (*Poster*): Acute Toxicity Evaluations of some Zinc(II) complexes Containing Substituted Salicylates derived from porphyrin free-bases; 10<sup>th</sup> JK Science Congress March. 14<sup>th</sup> -16<sup>th</sup>, 2015. University of Jammu, Jammu in collaboration with J&K State Council for Science and Technology, Govt. of J&K.

- 10. Sujata Kundan (*Paper*): Physico and biological Studies of Meso-tetra(paraphenyl)Substituted Porphyrins; 2<sup>nd</sup> National Symposium on Interdisciplinary Sciences Feb. 27-28, 2015. G.G.M. Science College, Jammu (J&K) Sponsored by CSIR.
- 11. Sujata Kundan (*Poster*): Synthesis, physico-chemical and biological characterization of substituted meso-tetra (para-phenyl) porphyrins with nitrogenous bases; CHEMCON 2015- National Seminar And Workshop on Advances, Perspective & Challenges in Chemical Sciences 2015, Feb.11<sup>th</sup> 12<sup>th</sup>, 2015. Department of Applied Chemistry Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research (SBSPGI). Balawala, Dehradun.
- 12. Sujata Kundan (*Poster*): Gauri D. Bajju, Tabraiz Sadiq, Supneel, Vishal singh Kotwal and Deepmala. Synthesis and Spectroscopic Characterization of group (IIIA) metal ions (Al(III), Tl(III)-p-chloro-mesotetraphenylporphyrin with Phenolates at axial position; 101<sup>th</sup> Indian Science Congress- Feb. 3 7, 2014. University of Jammu, Jammu.
- 13. Sujata Kundan *(Paper):* Chemistry In Every Day Life: 2<sup>ND</sup> J&K Women's Science Congress Nov. 5<sup>th</sup> 7<sup>th</sup>, 2013. Govt. College for Women, Parade Ground, Jammu Sponsored by Dept. of Science and technology, Govt. Of India and J&K State Council for Science and Technology, Department of Science and Technology, J&K.
- 14. Sujata Kundan (*Paper*): Gauri. D. Bajju, Sunil Kumar Anand. Synthesis and Spectroscopic Studies of Zirconium(IV) Porphyrins with Acetylacetonate and Phenolates at Axial positions; 7<sup>th</sup> National Symposium and Conference on Solid State Chemistry and Allied Areas Nov. 24<sup>th</sup> 26<sup>th</sup>, 2011. University of Jammu, Jammu.
- 15. Sujata Kundan (*Paper*): Axial interaction of Zn(II)5,10,15,20-meso-tetra(4-methylphenyl) porphyrins with oxygen donors; Gauri. D. Bajju, Deepmala, Ashu, Sapna (Abstracts No. CST\_009) (PP-130) 7<sup>th</sup> J & K State Science Congress State Oct. 13<sup>th</sup> -15<sup>th</sup>, 2011. University of Jammu, Jammu in collaboration with J&K state council for Science and Technology.
- 16. Sujata Kundan (*Poster*): Stereochemistry Around Chromium(III)Salicylates and Sulfosalicylates in mixed ligand complexes: Gauri. D. Bajju, Deepmala, Ashu, , Sapna. (P-9) North Zone Meeting Sept. 22<sup>nd</sup> 24<sup>th</sup>, 2011. Chemical Research Society of India. North Zone Meeting, University of Jammu, Jammu.
- 17. Sujata Kundan (*Paper*): Synthesis and spectroscopic studies of axially Ligated Zn(II)5,10,15, 20-meso-tetra(4-chlorophenyl)porphyrin with

- oxygen and nitrogen donors. Gauri. D. Bajju, Deepmala, Ashu, Sapna (P-53) North Zone Meeting – Sept. 22<sup>nd</sup> – 24<sup>th</sup>, 2011. Chemical Research Society of India. North Zone Meeting, University of Jammu, Jammu.
- 18. Sujata Kundan (Poster): Axial Ligation of Oxovanadium (IV) tetraphenyl porphyrin with Oxygen and Nitrogen Donors. Gauri. D. Bajju, Puja Sharma, and Deepmala. SCI-CHEM-248. P-16 5<sup>th</sup> J&K State Science Congress State Feb. 8<sup>th</sup> 10<sup>th</sup>, 2010. University of Jammu, Jammu.
- 19. Sujata Kundan (*Paper*): Synthesis and Characterization of Axially Ligated Zinc(II)-para-Nitro-meso-tetraphenylporphyrins: Puja Sharma and Dr. Gauri. D. Bajju. P-59 3rd J&K State Science Congress state Feb. 26<sup>th</sup> 28<sup>th</sup>, 2008. University of Jammu, Jammu.

## **Conferences and Workshop Participated**

- 1. Sujata Kundan (*Participation*): One Week Workshop/Training on "eSuraksha"-A Practical Approach on Network & Web Application Security— 10<sup>th</sup> Dec 14<sup>th</sup> Dec, 2018, Organized by *Department of Computer Science & IT In Collaboration with C-DAC, Mohali*, held at Central University of Jammu, Jammu.
- 2. Sujata *Kundan (Participation)*: "One Day NPTEL AWARENESS WORKSHOP-2018"— 3<sup>rd</sup> Dec, 2018, Conducted by Indian Institute of Technology, Kanpur at Central University of Jammu, Jammu.
- 3. Sujata *Kundan (Participation)*: "One Day Workshop on World Health Day-2018"—9<sup>th</sup> April, 2018, Organized by Central University of Jammu, Jammu.
- 4. Sujata Kundan (*Participation*): "One Day Acquaintance Programme on Accelerator based Research"— 26<sup>th</sup> March, 2018, Organized by *Inter University Accelerator Centre (IUAC)*, New Delhi, held at Department of Physics and Astronomical Sciences, Central University of Jammu, Jammu.
- 5. Sujata Kundan *(Participation):* Three Days Workshop on "Research Methodology" 30<sup>th</sup> Jan– 1<sup>st</sup> Feb, 2018. Organized by Govt. College for Women, Parade Ground, Jammu and Co-sponsored by University Grants Commission.
- 6. Sujata Kundan (Participation): "Entrepreneurship Awareness Camp" 18<sup>th</sup>
   20<sup>th</sup> Jan, 2018, Sponsored by Entrepreneurship Development Institute,
   Gandhi Nagar, Gujarat under DST-NIMAT project, GOI organised by
   University Business Incubation Centre, Central University of Jammu, Jammu.

- 7. Sujata Kundan (*Participation*): One Day Workshop on "Transacting Students' Engagement for Rural Community Development" April. 26<sup>th</sup> 27<sup>th</sup>, 2017. Organized by The Central University of Jammu in collaboration with National Council of Rural Institutes (NCRI), Ministry of Human Resources and Development, Hyderabad.
- 8. Sujata Kundan (*Participation*): National Workshop on Intellectual Property Rights March. 28<sup>th</sup> 29<sup>th</sup>, 2017. Organized by University Business Incubation Centre, Central University of Jammu, Jammu.
- Sujata Kundan (Participation): National Workshop on Material for Sustainable Development and New Technology (MSDNT-2017) – April. 28<sup>th</sup> – 29<sup>th</sup>, 2017. Organised by Department of Nano Sciences & Materials, Central University of Jammu, Jammu.
- 10. Sujata Kundan (*Participation*): National Conference on Analysis and its Applications March. 27<sup>th</sup>, 2014. Department of Mathematics, Govt. Gandhi Memorial (G.G.M) Science College, Jammu (Jammu and Kashmir).
- 11. Sujata Kundan (*Participation*): National Workshop on Nanoscience and Materials Oct. 16<sup>th</sup> 18<sup>th</sup>, 2013. Indian Association of Solid State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).
- 12. Sujata Kundan (*Participation*): National Symposium on Frontier Areas in Solid State Chemistry and Material Science June. 9<sup>th</sup> 15<sup>th</sup>, 2012, Indian Association of Solid State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).
- 13. Sujata Kundan (*Participation*): UGC Sponsored National Symposium on Interdisciplinary Sciences March. 2<sup>nd</sup> 3<sup>rd</sup>, 2012. Government Gandhi Memorial (G.G.M) Science College, Jammu (Jammu and Kashmir).
- 14. Sujata Kundan (*Participation*): National Workshop on Solid State Chemistry and Material Science July. 4<sup>th</sup> 9<sup>th</sup>, 2011. Indian Association of Solid State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).
- 15. Sujata Kundan *(Participation):* National Symposium on New Trends in Material Research Nov. 18<sup>th</sup> 20<sup>th</sup>, 2010. Indian Association of Solid State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).

#### **List of Publications**

- 1. Synthesis and Characterization of some new thallium(III) macrocyclic complexes And their biological studies. Gauri D .Bajju\*, Sapna Katoch, Gita Devi, **Sujata Kundan**, Ashu and Madhullika Bhagat. Main Group Met. Chem. 2016; 39(1-2): 19–29.
- 2. Synthesis, Spectroscopic Characterization and Antimicrobial Screening of Aluminium(III)porphyrin Complexes containing Substituted Salicylates. Gauri D. Bajju\*, Deepmala, **Sujata Kundan** and Altaf Ahmed. Chem Sci Rev Lett. 2014; 3(12), 1135-1141.
- 3. Toxicological Studies of Indium(III) Porphyrin Complexes Containing Salicylates As Axial Ligand. Gauri D .Bajju\*, Deepmala, Ved Kumar, <u>Sujata Kundan</u> and Altaf Ahmed. World Journal of Pharmaceutical Research. 2014; Vol.3, Issue 10, 1613-1622.
- 4. Synthesis and Spectroscopic and Biological Activities of Zn(II) Porphyrin with Oxygen Donors. Gauri D .Bajju\* **Sujata Kundan**, Madhulika Bhagat, Deepmala Gupta, Ashu Kapahi, Gita Devi. Journal of Bioinorganic Chemistry and its application.Vol.2014; Article ID 782762.
- 5. Electrochemical and Spectroscopic Characterization of Aluminium (III)-paramethylmeso-tetraphenylporphyrin Complexes Containing Substituted Salicylate as Axial Ligands. Gauri D .Bajju\*, Deepmala, Sunil Kumar Anand, International Kundan and Nariender Singh. Journal Electrochemistry. Vol.2013; Article ID 409375, 10 Pages. [Note: International Journal of Electrochemistry has recently been accepted for coverage in the Emerging Sources Citation Index, which is the new Edition of the Web of Science that was launched in November 2015. This means that any articles published in the journal will be indexed in the web of science at the time of publication].
- 6. Synthesis, Spectroscopic, and Biological Studies on New Zirconium (IV) Porphyrin with Axial Ligand. Gauri D .Bajju\*, Gita Devi, Sapna Katoch, Madhulika Bhagat, Deepmala, Ashu, **Sujata Kundan**, and Sunil Kumar Anand. Journal of Bioinorganic Chemistry and its application. Vol.2013; Article ID 903616, 15 Pages.
- 7. Oxovanadium(IV) Complexes with Nitrogen Donors: Synthesis, Characterization, and Biological Activities. Gauri D .Bajju\*, Puja Sharma,

- Ashu Kapahi, Madhulika Bhagat, <u>Sujata Kundan</u>, and Deepmala Gupta. Journal of Inorganic Chemistry. Vol.2013; Article ID 982965, 11 Pages.
- 8. Synthesis and Spectroscopic studies of Axially ligated Zn(II)5,10,15,20-Mesotetra(4- chlorophenyl)porphyrin with oxygen and nitrogen donors. Gauri D .Bajju\*, **Sujata Kundan**, Ashu, Deepmala. Journal of Chemistry. Vol.2012; Article ID 135815, 14 Pages.
- 9. Synthesis and Characterization of Zirconium(IV) derivatives of meso-tetra(p-methylphenyl)porphyrin with Acetylacetonate and different Phenolates at Axial positions. Gauri D .Bajju\*, Sunil Kumar Anand, **Sujata Kundan**, Deepmala, Ashu and Gita. Oriental Journal of Chemistry. 2012; Vol. 28(01).
- 10.Synthesis and Spectroscopic Studies of Zirconium(IV) Porphyrins with Acetylacetonate and Phenolates at Axial positions. Gauri D. Bajju\*, Sunil Kumar Anand and **Sujata Kundan**. Oriental Journal of Chemistry. 2012; Vol. 28(01).
- 11.Stereochemistry around chromium(III) in mixed ligand complexes. Gauri D. Bajju\*, Deepmala, Ashu and **Sujata Kundan**. Asian Journal of Chemical and Environmental Research (AJCER). 2011; Vol. 4(03).
- 12. Synthesis and Characterization of axially ligated Zinc(II)-p-nitro-meso-tetraphenylporphyrin. Gauri D. Bajju\*, **Sujata Kundan** and Sunil Kumar Anand. Journal of Indian Chemical Society (JICS). 2011; Vol. 88, 1-10.

#### **Article Published**

Topic: Synthesis and Characterization of axially ligated Zinc(II)-p-nitro-meso-tetraphenylporphyrin.

Published In: Biological Pigments: Studies from University of Jammu Yield New Information...... Life Science Weekly, January 10<sup>th</sup>, 2012.

#### **Achievements**

- ➤ Certification of Appreciation to act as Event Judge on National Science Day at Central University of Jammu, Jammu on 28<sup>th</sup> Feb, 2018.
- Award of Appreciation for being selected as Assistant Professor in the Department of Chemistry and Chemical Sciences at Central University of

- Jammu, Jammu on 18<sup>th</sup> Feb, 2017 Presented by Department of Student Welfare, University of Jammu, Jammu.
- ➤ Certificate of Appreciation for organizing National Science Day themed "Science and Technology for specially abled persons" in Central University of Jammu, Jammu on 28<sup>th</sup> Feb, 2017.
- Awarded Rajiv Gandhi National Fellowship to pursue M.Phil./Ph.D. Degree by University Grants Commission(UGC)(2008).
- Awarded Prize on "INTERNATIONAL DAY AGAINST DRUG ABUSE & ILLICIT TRAFFICKING" in 2006 Presented by Deptt. Of Students welfare, University of Jammu, Jammu.
- ➤ Awarded 3<sup>rd</sup> Position in B.Sc Part 3<sup>rd</sup> in 2002 at Women Govt. Degree College, Parade.
- ➤ Awarded I<sup>st</sup> Prize in SLOGAN Competition on "AIDS AWARENESS" in 2001 at Women Govt. Degree College, Parade.
- ➤ Awarded I<sup>st</sup> Position in B.Sc Part I<sup>st</sup> in 2000 at Women Govt. Degree College, Parade.

## **Institutional Corporate Life**

- ✓ Acted as Assistant Dean Student Welfare (ADSW) of Dean Student Welfare November-2018 to till date, Central University of Jammu, Jammu.
- ✓ Acted as Member of Departmental Purchase Committee-2017 at Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu.
- ✓ Acted as Paper-Setter/Examiner in the subject of Chemistry of the B.Sc-IV Semester Examination 2018 for University of Jammu, Jammu (Jammu and Kashmir), 2017.
- ✓ Acted as External Practical Examiner of B.Sc. Sem-VI in Chemistry at G.G.M.Science College, Jammu (Jammu and Kashmir) on 22<sup>nd</sup> of May, 2017 to 24<sup>th</sup> of May, 2017.
- ✓ Organizer in National Conference on "Materials for sustainable development and new technology" in Department of Nanosciences and Materials in Central University of Jammu on 28<sup>th</sup>, 29<sup>th</sup> April 2017.
- ✓ Certificate of Participation in National Conference on "Materials for sustainable development and new technology" in Department of Nano- sciences and Materials at Central University of Jammu on 28<sup>th</sup>, 29<sup>th</sup> April 2017.

- ✓ Acted as External Practical Examiner of B.Sc. Sem-VI in Chemistry at GDC Akhnoor on 19<sup>th</sup> and 20<sup>th</sup>, April, 2017.
- ✓ Member of organising committee at National Science Day (NSD) (28-02-2017).
- ✓ Acted as Reviewer of "Journal of Crystal Growth" (International Journal, Elsevier publication) review article in December, 2016.
- ✓ Member in Technical and Venue management Committee at UDAAN event (16-01-2107) to (18-01-2017).
- ✓ Member of Departmental Technical Committee meeting.
- ✓ Appointed and worked as an ANO of NCC (2 J&K Girls Bn) at Government Gandhi Memorial (G.G.M) Science College, Jammu (22<sup>nd</sup> Jan, 2016 to 1<sup>st</sup> Sep, 2016).
- ✓ Appointed and worked as a member of Centre for Information, Career Counselling and Placement (CICCP) Committee at Government Gandhi Memorial (G.G.M) Science College, Jammu (2014 to 1<sup>st</sup> Sep, 2016).
- ✓ Appointed and worked as a member of All India Council of Technical Education (AICTE) / Prime Minister Special Scholarship Scheme (PMSSS) Committee at Government Gandhi Memorial (G.G.M) Science College, Jammu (2014 to 1<sup>st</sup> Sep, 2016).
- ✓ Appointed and worked as a member of Admission Committee at Government Gandhi Memorial (G.G.M) Science College, Jammu (2014 and 2015).
- ✓ Acted as External Practical Examiner of different Semester of B.Sc. in Chemistry at MAM College, Jammu, Jammu and Kashmir, 2015 and 2016.
- ✓ Appointed and acted as a member of Registration Committee at Government Gandhi Memorial (G.G.M) Science College, Jammu for the conduct of two-day "National Symposium on Interdisciplinary Sciences" held on Feb 27-28, 2015.
- ✓ Appointed and worked as a member of Science Committee at Government Gandhi Memorial (G.G.M) Science College, Jammu (12 Aug, 2012 to 1<sup>st</sup> Sep, 2016).
- ✓ Appointed and worked as a member of Library Committee at Government Degree College, Kathua (2010 to Aug 2012).
- ✓ Acted as External Practical Examiner of B.Sc. Part-Ist, Part-IInd and Part-IIIrd in Chemistry at Government Degree College, Basholi, Jammu, Jammu and Kashmir during 2011 and 2012.
- ✓ Appointed as a member of Board of Studies (2011) in one day meeting for the courses which are regularly updated and revised in consultation with the Convener, Board of studies in chemistry to keep the syllabi at par with other reputed

  Universities.