

# Resume

Dr. Chitra Gupta (Co-ordinator) Department of Chemistry, BU Jhansi (UP),284128

Corresponding Address:

Residence Address:

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## PERSONAL DETAILS

Father's Name : - Late Shri Madhav Prasad Gupta

DATE OF BIRTH :- 21<sup>st</sup> July 1973

GENDER :- Female

MARITAL STATUS :- Single

NATIONALITY :- Indian

LANGUAGE KNOWN :- English & Hindi

CATEGORY :- OBC

## SPECIALIZATION

- Inorganic Chemistry

## EDUCATIONAL QUALIFICATION

### **Ph.D**

- Doctor of Philosophy in **Coordination Chemistry** from the Department of Chemistry Dr. H.S. Gour V.V. Sagar (M.P.) – “**Studies on Co-Ordination Compounds of Metals with Selected Organic Ligands**” (1999).

### **M.Sc.**

- Post Graduate in **Inorganic Chemistry** from the Department of Chemistry Dr. H.S. Gour V.V. Sagar (M.P.) (1995).

### **B.Sc.**

- Graduated from the Dr. H.S. Gour V.V. Sagar (M.P.) Subject – **Math., Phy.& Chem.** In 1993.

## H.S.S.

- In 1990 from the M.P. Board Bhopal (M.P.) Subject – **Math., Phy. & Chem.**

### OTHER QUALIFICATION

- N.C.C. “C” Certificate in 1993.
- “Advanced Instrumental Training Programme” in M.P. Council of Science & Technology Bhopal from 11<sup>th</sup> Feb 2002 to 15<sup>th</sup> Feb 2002.

### EXPERIENCE AND SKILLS

#### 1. TEACHING EXPERIENCE :- 23-Years Teaching Experience

S.NO.	Name of University / College	Designation	Number of Year		Salary
			From	To	
1.	Department of Chemistry Dr. H.S. Gour University Sagar (M.P.)	Samvida Shkashak (adhoc)	9/10/2000	30/4/2001	4000/-PM
2.	Department of Chemistry Dr. H.S. Gour University Sagar (M.P.)	Samvida Shkashak (adhoc)	21/09/2001	30/04/2002	5000/-PM
3.	Department of Chemistry Dr. H.S. Gour University Sagar (M.P.)	Samvida Shkashak (adhoc)	22/09/2002	30/04/2003	5000/-PM
4.	Govt. P.G. College Damoh (M.P.)	Guest Faculty	16/08/2004	30/09/2004	100/-Per Period
5.	Department of Chemistry Dr. H.S. Gour University Sagar (M.P.)	Samvida Shkashak (adhoc)	24/09/2004	16/02/2005	5000/-PM
6.	Department of Chemistry Bundelkhand University Jhansi	Coordinator (HOD)	14/02/2005	Till date as working	8000- 13500/- PM

#### 2. RESEARCH CONTRIBUTIONS:- 27 – Years Research Experience

Number of Students for M. Phill = 40

At the beginning of the year	Registered during the year	Completed during the year
2006-07	2	2
2007-08	3	3
2008-09	3	3
2009-10	7	7
2010-11	11	11
2011-12	06	06
2012-13	04	04
2013-14	03	03
2021-22	01	01

#### 3. One student is ongoing Ph.D. under my Supervision

#### **4. Two Students Received Rajiv Gandhi Fellowship Under my Supervision**

**1. Rajiv Gandhi National Fellowship for SC Candidates to pursue M.Phil / Ph.D. Degree 2009-10, Selected by Rajlaxmi Moirangthem entitled “Physico – Chemical Characterization of Water : It’s Effects in the Formation of Kideny–Stone in Jhansi”.**

**2. Rajiv Gandhi National Fellowship for SC Candidates to pursue M.Phil / Ph.D. Degree 2010-11, Selected by Ravi Kant Kannaujia entitled “Characterization of Jatropha Curcas Plant for the Preparation Biodiesel and Biofertilizer”.**

**5. Working as Coordinator in Department of Chemistry Bundelkhand University Jhansi from February 2021 to till date.**

**6.**

#### **ADMINISTRATIVE POSITIONS**

**1. Worked as One Year (05/09/2018-2019) Warden P. G. Girls Hostel Ref. No.- BU/Adm./2018/2160- 67 form dated: 02/09/2018.**

**2. Worked as One Year (05/09/2019-2020) Warden P. G. Girls Hostel Ref. No.- BU/Adm./2019/2897- 2902 form dated: 13/09/2019.**

**3. Worked as One Year (05/09/2020-2021) Warden P. G. Girls Hostel Ref. No.- BU/Adm./2020/7469-7474 form dated: 11/09/2020.**

**4. Member of Board of Studies Committee for Chemistry at B.U. Jhansi from 2008-2011.**

**5. Member of Board of Studies Committee for Chemistry at B.U. Jhansi from 2018-2021.**

**6. Member of Board of Studies Committee for Chemistry at B.U. Jhansi from 2021-2024.**

**7. Member of RDC Committee for Chemistry at B.U. Jhansi from 2018-2021.**

**8. Member of Flying Squad at B.U. Jhansi from 2016-2022.**

**9. Co-ordinator, Department of Chemistry from 27 February 2021- to Till Date.**

#### **RESEARCH EXPERIENCE:**

**27 Years**

<b>1. List of Research Paper Published in National &amp; International Journal (Attached as Annexure)</b>	<b>17</b>
<b>2. Communicated</b>	<b>01</b>
<b>3. No. of Conference / Seminar /Workshop Attended. (Attached as Annexure)</b>	<b>34</b>
<b>4. Membership of Life Member: Member of Indian Society of Analytical Scientists (ISAS) Delhi-Chapter Indian Oil Corporation Limited Research &amp; Development Center Sector -12 Faridabad -121007.</b>	<b>01</b>

### PUBLISHED BOOK & BOOK CHAPTERS:

Book Title/Article	ISSN/ISBN No.	Publisher(International/ National/ State/Govt. Publisher)	No. of CoAuthors	Year of Publication	Page Nos.
Fundamentals of Chemistry B.Sc. Chemistry-I [Text Book]	978-93-94511-15-6	Krishna Prakashan Media Pvt. Ltd. Meerut (U.P.) India.	7	2021	1-272
Chemical Dynamics & Coordination Chemistry [Text Book]	978-93-5531-604-2	Pragati Prakashan,	2	2022	1-288
“Novel Bioactive Molecules”	978-93-94894-48-8	Nitya Publications	2	2022	

### WORKSHOP

- **Science Camp Under INSPIRE Internship Program** of Department of Science and Technology Govt. of India, New Delhi held at Bundelkhand University Jhansi (U.P.) during 13 -18<sup>th</sup> December (2010).
- **Dr. Chitra Gupta**, has successfully completed 7 days **DreamUny Education, Faculty Development Programme** held at Bundelkhand University, Jhansi (U.P.) from 01<sup>st</sup> - 07<sup>th</sup> September 2014.
- Participated in the 97<sup>th</sup> National Workshop on “**Radiochemistry and Applications of Radioisotopes**” conducted jointly by Department of Atomic Energy (DAE), Board of Research in Nuclear Sciences (BRNS), Indian Association of Nuclear Chemists and Allied Scientists (IANCAS) & Department of Chemistry, Bundelkhand University Jhansi during **04-09<sup>th</sup> December, 2017(48Hrs)**
- Participated “**Faculty Training Programme**” on Advance Scientific Rresearch Equipments Organized by Innovation Centre, Bundelkhand University Jhansi during **3<sup>rd</sup> - 6<sup>th</sup> October 2018**.
- Workshop on Blended Learning and ICT for Teaching Organised by Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College, University of Delhi and Bundelkhand University Jhansi(U.P.) from **24-25<sup>th</sup> January 2019**.

## **COURSE ATTENDED:**

### **ORIENTATION PROGRAM/ REFRESHER COURSE/SHORT TERM COURSE ATTENDED**

- ❖ **Dr. Chitra Gupta**, has successfully completed 28 days **University Grants Commission UGC-Sponsored Orientation Programme in OP-24** Organized by **Academic Staff College Kumaun University, Nainital** from **24<sup>th</sup> September 2013 to 21<sup>st</sup> October 2013** and obtained grade **“A”**.
  
- ❖ **Dr. Chitra Gupta; 11-25 November 2021 (RC-17)** has successfully Online Participated in The Inter/Multi-Disciplinary Refresher Course on **“Chemistry at the Interface with Biology and Material Science Emerging Frontiers” UGC-Sponsored Inter/Multi-Disciplinary Refresher Course on RC-17** Organized by **University Grants Commission Human Resource Development Centre(HRDC) Doctor Harisingh Gour Vishwavidyalaya,(A Central University), Sagar-470003 (MP) India** from **11<sup>th</sup> November 2021 to 25<sup>th</sup> November 2021** and obtained grade **“A”**.

## **WORKSHOP/SEMINAR/CONFERENCES ATTENDED AND PRESENTED PAPER**

- 1 **XIII M.P. Young Scientist Congress, M.P. Council of Science and Technology**, Organised by the Jiwaji University, Gwalior during 20-22<sup>th</sup> March, 1998.
- 2 **87<sup>th</sup> Indian Science Congress Association 14, Dr. Biresh Guha Street Calcutta 700017**, held at University of Pune on 3-7<sup>th</sup> January, 2000.
- 3 **4<sup>th</sup> Conference of The International Academy of Physical Sciences**, held at Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalay on 25-27<sup>th</sup> February, 2001.
- 4 **90<sup>th</sup> Indian Science Congress Association 14, Dr. Biresh Guha Street Kolkata** held at Jnana Bharathi Campus, Bangalore University, Bangalore during 3-7<sup>th</sup> January, 2003.
- 5 **XVII M.P. Young Scientist Congress, M.P. Council of Science and Technology** Organised by M.P. Bhoj (Open) University Bhopal on 4-5<sup>th</sup> March, 2003.
- 6 **Indian Society of Analytical Scientist (ISAS) Delhi Chapter, National Symposium** on **“Recent Advances in Analytical Sciences and Applications”** held on Department of Chemistry Himachal Pradesh University, Summer Hills, Shimla, during 9-11<sup>th</sup> April, 2007.
- 7 **Bharatiya Vigyan Sammelan- 2007** held at Bhopal (M.P.) during 23-25<sup>th</sup> November, 2007.
- 8 **National Referral Centre for Lead Poisoning in India (NRCLPI) St. John’s Medical College Bangalore** in the training workshop **“LEAD –er : Lead Educator capacity building in organizing Lead Awareness”** programmes at Institute of Environment and Development Studies , Bundelkhand University, Jhansi (U.P.) during 5<sup>th</sup> November, 2008.

- 9 **National Conference on Electron Microscopy and Allied Field & XXX Annual Meeting of EMSI – 2009** held at Bundelkhand University, Jhansi (U.P.) during 17-20<sup>th</sup> January, 2009.
- 10 **National Seminar on Emerging Scenario in Forensic Science**, Organized by Institute of Forensic Science and Criminology, Bundelkhand University, Jhansi(U.P.) on 23-24<sup>th</sup> October, 2009.
- 11 **6<sup>th</sup> Indo-Italian Workshop on “Chemistry and Biology of Antioxidants”** Organized by the Department of Chemistry, University of Delhi on 10-11<sup>th</sup> December, 2009.
- 12 **5<sup>th</sup> International Conference on Microwave, Antenna, Propagation and Remote-Sensing (ICMARS-2009)** Organized by International Centre for Radio Science “OMNIWAS” A-23, Shastri Nagar, Jodhpur (Rajasthan) on 19-21<sup>th</sup> December, 2009.
- 13 **National Conference on Emerging Trends in Chemical Science**, Organized by Department of Chemistry, Bundelkhand University, Jhansi (U.P.) during 24-26<sup>th</sup> February, 2010.
- 14 **National Conference on Role of Biodiversity in Sustainable Agriculture**, Organized by Department of Botany, Bundelkhand University, Jhansi, (U.P.) during 4-5<sup>th</sup> March, 2010.
- 15 **U.G.C. Sponsored National Seminar on “ADVANCES OF CHEMISTRY IN LAST FEW DECADES AND CONTRIBUTION OF CHEMICAL RESEARCH TO THE MANKIND”** Organized by Shri Baldeo P.G. College, Baragaon, Varanasi (U.P.) held on 29-30<sup>th</sup> January, 2011.
- 16 **National Conference on Recent Trends in Environmental Science**, Organized by Indira Gandhi Academy of Environmental Education Research and Ecoplanning, Jiwaji University, Gwalior during 4 -5<sup>th</sup> February, 2014.
- 17 **National Seminar on Chemistry and Applied Science for Sustainable Development**, held at Department of P.G Studies & Research in Chemistry, Govt. Shyamlal Pandviya Post Graduate College, Morar Gwalior (M.P.) held on 15-16<sup>th</sup> February, 2014.
- 18 **National Symposium on Chemistry at the Interface of Innovative Researches in Science and Techonology (CIIRST-14)**, Organized by Department of Chemistry University of Allahabad held on 27 -28<sup>th</sup> February, 2014.
- 19 **International Conference on “Recent Advances in Material and Chemical Sciences” (ICRAMCS-2016)** Organised by Department of Chemistry, Bundelkhand University, Jhansi from 2-5<sup>th</sup> March, 2016.
- 20 **Participated has on Participant in the Seminar Technical Terminology in Science** Organized by Commission for Scientific and Technical Terminology at Geology Department Bundelkhand University Jhansi from 22 – 23<sup>rd</sup> November, 2016.

- 21 **Commission for Scientific and Technical Terminology**, on “Importance of Mordern Science for Technical Terminology in Science” Organised by K. K. P. G. College Etawah U.P. from 14- 15<sup>th</sup> December, 2016.
- 22 **National Science Conference on Conducted jointly by Hindi Vigyan Sahitya Parishad, Department of Bhabha Atomic Research Centre Mumbai (BARC)**, on “ Organised by Bundelkhand University Jhansi(U.P.) from 3<sup>rd</sup> - 5<sup>th</sup> February, 2019.
- 23 The National Webinar on “**Green Technologies: Facts and Informations**” Organized by Department of Chemistry & IQAC, Govt. Thakur Ranmat Singh College Rewa(MP) held on 24<sup>th</sup> March, 2022.
- 24 The National Webinar on “**Metallic Nanomaterials: Green Synthesis and Application**” Organized by Department of Chemistry Mahatma Fule Arts Commerce and Sitaramji Chaudhari Science Mahavidyalaya Warud, Dist-Amravati (MH) held on 3<sup>rd</sup> April 2022.
- 25 Online Participated in Webinar on **Monkey Pox: Preventive and Curative Measures**” Organized by UGC- HRDC, Dr. Harisingh Gour Vishwavidyalaya (A Central University) Sagar -470003(MP) held on **17<sup>th</sup> August, 2022.**
- 26 **2<sup>nd</sup> International conference on “Recent Advances in Material and Chemical Sciences”(ICRAMCS-2022)** Organized by Department of Chemistry, Bundelkhand University Jhansi284128 held on **3-6<sup>th</sup> November,2022.**
- 27 **5<sup>th</sup> Asian Congress of Radiation Research (ACRR)& 3<sup>rd</sup> Biennial Meeting of Society for Radiation Research (SRR-India)** Organised by Bio-Science Group, DAE Convention Centre Bhabha Atomic Research Centre (BARC)Anushaktinagar, Mumbai 400094, held on **16-20 November, 2022.**
- 28 **National Conference on Recent Advances in Chemical Sciences (RACS-2023)**, Organized by Department of Chemisrty Dr. Harisingh Gour Vishwavidyalaya (A Central University) Sagar -470003(MP) held on **16-17<sup>th</sup> March, 2023.**

### III. A. (i) Papers Published in the Refereed Journals as notified by the UGC

1. "Characterization, X-ray Diffraction and Microbiological Studies on Some  $[M(II) (Phen)_x] \cdot nH_2O$  Complex". **Chitra Gupta** and R.K. Goutam, *Asian Journal of Chemistry*, Vol. 10(3), 541-548 (1998) Shahibabad, Ghaziabad.(ISSN No-0970-7077)
2. "X- ray diffraction Studies on Bis 1,2- Diaminoethane Copper (II) Tellurite Tetra Hydrate". **Chitra Gupta** and R.K. Goutam, *Jour. of Madhya Bharti*, 43, 1-6 (1999), Sagar University, Sagar.
3. "Synthesis and Characterization of Some  $[Co^{2+} (amine)_3] TeO_3 \cdot nH_2O$  Complexes". **Chitra Gupta** and R.K. Goutam, *Reviews in Inorganic Chemistry*, Vol. 20(3), 241-253 (2000) Israil.
4. "Bioinorganic studies on Co(II), Ni(II) and Cu(II) Tellurite complexes with 2,2'- Bipyridyl Ligand", **Chitra Gupta** and R.K. Goutam, *Indian Journal of Chemistry*, Vol. 41A, April 763-766 (2002) CSIR, New Delhi. 0.471 (ISS N:0975-0983).
5. "Chemical and Structural Studies of Some Transition Metal's Tellurite Complexes with 1,3-Diaminopropane". **Chitra Gupta**, R.K. Goutam and K.S. Pitre, *Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry*, Vol. 34(6), 1105-1122(2004) U.S.A. ISSN::0094-5714(print);1532-2440(online) 0 – 729.
6. "Synthesis Characterization and Crystal Structural Study on Tris (1,2- diamino ethane), Nickel (II) Tellurite Penta Hydrate", **Chitra Gupta**, *J.Ind. Council of Chemists*, Vol. 24(1). Pp 16-19 (2007). Agra.
7. "Interaction of DDT, HCH, Endosulfan and 2,4 -D with Sandy and Silty Loams", Anju Singh and **Chitra Gupta** , *Flora and Founa, (International journal of Biological Sciences)* Vol. 15 (1) pp. 153-158 (2009) Jhansi (ISSN 0971-6920).
8. "Persistence of Organo-Chlorine Pesticides in Groundwater of Jhansi City ,India", Lubna Mariam, Anju Singh and **Chitra Gupta**, *Asian Journal of Chemistry*, Vol. 21(2), 1432-1436(2009) Shahibabad.(ISSN 0970-7077) 0-159.
9. "Synthesis, Characterization and X-ray Diffraction Studies of Co(II), Ni(II) and Cu(II) Tellurite ( $TeO_3^{2-}$ ) Complexes with Nicotinic Acid" **Chitra Gupta**, *Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry*, Vol. 40(1) 5-11(2010) USA.(ISSN:1553-3174 print/1553-3182 online)Taylor & Francis Group LLC.DOI:10.1080/15533170903492648.
10. "Visual Estimation and Spectrophotometric Determination of Tanin Content and Antioxident activity of Three Common Vegetable". **Chitra Gupta** and Rohit Verma.



- International Journal of Pharmaceutical Sciences and Research*, Vol. 2(1), 189-196 (2011) IJPSR Chandigarh.(ISSN : 0975-8232).
11. "Analysis of Pesticide Residues in Winter Fruits", **Chitra Gupta**, Rohit Verma, Ravikant Kannaujia and Farooq Ahmad Wani. *Current World Environment- (Oriental Science)*, Vol. 7(1)183-186 (2012),Bhopal.
  12. "Characterization of Phenolic Content and Antioxidant Properties of Soyabean Seeds" **Chitra Gupta**, Ravikant Kannaujia, Rohit Verma, Rabia Kouser and Mohd Asif, *International Journal of Chemistry and Applications*, Vol. 5(2) 89-104 (2013) Delhi.(ISSN : 0974-3111)International Research Publication House.
  13. "Status of the Heavy Metal in Matatila Dam : An Important Source of Surface Water in Budelkhand Region. **Chitra Gupta**, Ravikanit Kannaujia and Rohit Verma, *Asian Journal of Water, Environment And Pollution*, Vol. 10 (3),109-111 (2013) Delhi.(ISSN : 0972-9860).
  14. "Study of Laxmi Taal: An Urban Wetland in Jhansi City" K. D. Singh and **Chitra Gupta**, *International Journal of Prevention and Control of Industrial Pollution*, 2(2),4-11,2016.
  15. "Synthesis, Characterization and Potent Antimicrobial and Antifungal Activity of 2-substituted Benzimidazole Derivatives", Rohit Verma, **Chitra Gupta**, Ali Mohd Ganie, Sanjay Singh and P.K. Singh, *Indian Journal of Chemistry*, Vol. 60B,January,148-151, 2021. NISCAIR-CSIR, Delhi India.(ISSN :0975-0983(Online),CODEN: IJOCAP ISSN:0376-4699(Print).
  16. "Chemistry of Benzimidazole and their Derivatives: Mini Review", Rohit Verma, **Chitra Gupta**, Ali Mohd Ganie, Vaibhav Kumar , Sanjay Singh and P.K. Singh, *International Journal of Modern Pharmaceutical Research*,5(3), 167-197, 2021, ISSN: 2319-5878.
  17. "An Updated Review on *Catharanthus Roseus*: Its Traditional and Modern Use for Humankind", **Dr. Chitra Gupta** and Nikki Sadaphal, *Der. Pharma Chemica*, 14(8):48-54,2022.(ISSN: 0975-413X). DOI:10.4172/0975-413X.14.8.48-54.

### DECLARATION

**I here by declare that the statements made in this from are true to the best of my knowledge and belief.**

**DATE :-**

**PLACE :-**

**(Dr. Chitra Gupta)**

(Co-ordinator)  
Deptt. of Chemistry  
Bundelkhand University Jhansi (U.P.)