

Biodata

1. **Name and Full corresponding Address:** Dr. Netra Pal Singh, 277/3 Swabhiman Park, , Mangal Pandey Nagar, Meerut-250003(UP)
2. **Designation:** Professor, Department of Chemistry
3. **Emails and contact No:** npsmcm.in@gmail.com, Mob-9456482271, 8081022872
4. **Institution:** Dr. Harisingh Gour Vishwavidyalaya(A Central University), Sagar
5. **Date of Birth :**12th July, 1971
6. Gender(M/F) : Male
7. Whether differently abled (Yes/No): No
8. Academic qualifications(undergraduate on wards)

	Degree	Year	Subjects	University/ Institute
1.	B.Sc. (Hons.)	1993	Chemistry, Zoology, Botany	AMU, Aligarh
2.	M.Sc.	1995	Chemistry	AMU, Aligarh
3.	Ph.D.	2000	Chemistry	AMU, Aligarh

9. **Ph.D. thesis title :** Physico-chemical studies on heterobimolecular complexes
Guides Name: Professor Sartaj Tabassum, University- Aligarh Muslim University, Aligarh, Year of award-2000.
10. Work Experience (In chronical order)

S.No.	Position held	Name of Institute	From	To	Pay scale
1.	Assistant Professor	Meerut College, Meerut	02-03-2006	02-03-2018	15600-39100
2.	Associate Professor	Meerut College, Meerut	02-03-2018	03-07-2018	37400-67000
3.	Associate Professor	DDUGorakhpur University, Gorakhpur(UP),	04-07-2018	03-07-2021	37400-67000
4.	Professor	DDUGorakhpur University, Gorakhpur, (UP)	04-07-2021	17-12-2023	37400-67000 with AGP 10000
5.	Professor	Dr. Harisingh Gour Vishwavidyalaya(A Central University), Sagar-470003(MP), INDIA	18-12-2023	Present	37400-67000 with AGP 10000

11. Professional Recognition Awards/ Prize/ Certificates, Fellowship received by applicant

S. No.	Name of Award	Awarding Agency	Year
1.	Best poster presentation award	AIMS, Kochi, Kerala	2012
2.	Summer Research fellow	Indian Academy of Sciences, Bangalore	2014
3.	Visiting Scientist Fellow	INSA, New Delhi	2016
4.	Teacher award	UP Govt, Lucknow	2021
5.	Teacher award	DDUGU, Gorakhpur	2022

12. Publications : 45 research papers published

(list of papers published in SCI Journals/ UGC care listed Journals, in last five years.

S.No.	Authors	Title	Name of Journal	Volume	page	year
1.	N P Singh, Anuroop Kumar, Uma Agrawal and Kaushal Kumar	SYNTHESIS, CHARACTERIZATION, SPECTRAL STUDIES AND ANTIMICROBIAL APPLICATION OF LIGAND N ² , N ⁶ -BIS (5-NITROTHIAZOL-2-YL) PYRIDINE 2, 6-DICARBOXAMIDE AND ITS COMPLEXES OF Cu(II), Ni(II) and Fe(III),	Rasayan Journal of Chemistry,	13	1238-1244	2020
2.	Gajendra Kumar, N P Singh and Kuashal Kumar	Therapeutic Approach Against 2019- nCoV by inhibition of ACE-2 Receptor	<i>Drug Research,</i>	71	213-218	2021
3.	Sachin, Deepak Joishar, Netra Pal Singh, Ezhilselvi Varathan and Nahar Singh	Sodium docusate surface modified dispersible and powder zinc peroxide formulation: An adsorbent for the effective and fast removal of Crystal Violet dye, an	<i>ACS Omega,</i>	6	22570 - 22577	2021

		emerging wastewater contaminant.				
4.	Gajendra Kumar and N P Singh	Synthesis, anti-inflammatory and analgesic evaluation of thiazole/oxazole substituted benzothiazole derivatives .	Bioorganic Chemistry	107	104608,	2021
5.	Anuroop Kumar, N P Singh, Uma Agrawal, Kaushal Kumar	Synthesis of N2, N6-bis(5-methylthiazol-2-yl)pyridine-2,6-dicarboxamide fluorescent sensor for detection of Cu ²⁺ and Ni ²⁺ Ions,	Drug Research,	71	317-325	2021
6.	Netra Pal Singh* and Abhay Nanda Srivastava , Chandra Kiran Srivastava	Physicochemical studies on bioactive Cr(III) coordination compounds with esters of hydrazine carboxylic acid as hetero donor ligands	<i>Research on Chemical Intermediates</i>	43	5453-5465	2017
7.	Netra Pal Singh* and Abhay Nanda Srivastava , Chandra Kiran Srivastava	De novo designing of trivalent metal complexes with ligand derived from N1-[2-(2-Amino-ethylimino)-1-methyl-propylidene]-ethane-1,2-diamine and 4-chloro benzoic acid: in vitro biological studies and spectroscopic validation	<i>Research on Chemical Intermediates</i>	43	3663-3675	2017
8.	Netra Pal Singh* and	Spectroscopic Validation and Biological Screening	<i>Research on Chemical Intermediates</i>	42	8023-8037	2016

	Abhay Nanda Srivastava , S C Pahwa, P C Jain	of Novel Iron(III) complexes with N,O donor ligands				
9.	Abhay Nanda Srivastava , Netra Pal Singh and Chandra Kiran Srivastawa	In vitro antibacterial activities of binuclear transition metal complexes of ONNO Schiff Base and 5-methyl-2,6- pyrimidine-dione and their spectroscopic validation	Arabian J of Chemistry	9	48-61	2016
10.	Netra Pal Singh* , Poonam Saini and Asvini Kumar	Synthesis and Spectroscopic characterization of some novel Schiff bases complexes of transition metal ions and their biological studies	Asian J Chemistry	26	7515- 7518	2014
11.	Netra Pal Singh , Abhay Nanda Srivastav and Chandra Kiran Srivastawa	Template Synthesis and characterization of bioactive binuclear transition metal complexes of 4- amino-pyrimidine-2- one, diacetyl and glycine	<i>J. Serb. Chem. Soc.</i>	79	421- 433	2014

12.	N.P. Singh* , Poonam Saini and Asvini Kumar	Synthesis and Spectroscopic characterization of some Novel Schiff Base Compounds of Transition Metal and Their Biological Screening	Rasayan J Chemistry	6(3)	190-195	2013
13.	Netra Pal Singh, Anu and Jagvir Singh	Synthesis and Spectral Studies of of Copper(II) and Manganese(II) Complexes using 2-hydroxy benzyl-(pyridine-2-carbo) Iminohydrazone and 2-Furyl-(pyridine-2-carbo) Iminohydrazone : evaluation of their magnetic and antimicrobial properties	Journal of Spectroscopy, Hindawi Pub., Volume 2013 , Article ID 792318,1- 8 pages	2013	1-8	2013
14.	Netra Pal Singh* and Abhay Nanda Srivastava	Synthesis and characterization of novel binuclear transition metal complexes of Schiff Base ligand derived from 1-amino-5-methyl-2,6-pyrimidine-dione and 2,3-butanedione and their antimicrobial studies	Asian J Chemistry	25	533-537	2013
15.	Netra Pal Singh , Anu and Jagvir Singh	Synthesis, spectroscopic and antimicrobial studies on some monovalent copper (II), cobalt (II), nickel (II) and manganese (II) complexes of	Asian J Chemistry	25	455-458	2013

		N-(2-ethylphenyl) N'-Picolinoyl hydrazine				
16.	Netra Pal Singh, Pradeep Kumar and Jagvir Singh	Synthesis, Spectral and biological studies on Novel Schiff base complexes of [manganese (II), copper (II), nickel (II) and cobalt (II)] derived from 3-chloro Benzohydrazide and aldehyde derivative	Asian J Chemistry	24	5719-5722	2012
17.	Netra Pal Singh, Anu and Jagvir Singh	Magnetic and Spectroscopic studies of the synthesized metal complexes of Bis(Pyridine-2-carbo) hydrazide and their Antimicrobial studies	<i>E-Journal of Chemistry,</i>	9(4),	1835-1842	2012
18.	Netra Pal Singh and Abhay Nanda Srivastava	Physico-chemical and biological studies of Cu(II), Co(II), and Ni(II) complexes of a Schiff base derived from diacetyl bisethylene diamine and benzoic acid	<i>J. Serb. Chem. Soc.</i>	77	627-637	2012
19.	P.C. Jain, N.P. Singh and S.C. Pahwa	Synthesis, Characterization and Spectral Studies of cobalt (II) Complexes of ethyl and t- butyl esters of Hydrazine carboxylic acid.	<i>Journal of Indian Chemical Society,</i>	89	275-279	2012
20.	Vikas kumar, Ashok Kumar, Shalabh Sharma and Netra P. Singh	Synthesis and antimicrobial activity of thiazolidinone norfloxine hybrids	<i>Indian Journal of Chemistry ,</i>	50B	1496-1503	2011

21.	Netra Pal Singh, Krishna Lal Anand and Jagvir Singh	Synthesis and Spectroscopic Studies of the bioactive Transition Metal Complexes of Mononuclear Schiff base derived from 4-Methoxybenzaldehyde and Glycine	<i>Asian Journal of Chemistry</i>	23	4090-	2011
22.	Netra Pal Singh and Abhay Nanda Srivastava	Synthesis, Characterization and Spectral studies of Novel heterobinuclear complexes of transition metal ions and their biological activity	<i>E-Journal of Chemistry,</i>	8(2)	809-814	2011
23.	P.C. Jain, N.P. Singh and M.C. Jain	Oxovanadyl (IV) Complexes of 4-Benzylamido Thiosemi-carbazide and 1- α -Furyl-4-Benzylamido Thiosemicarbazone	<i>Journal of Indian Chemical Society,</i>	85	733-734	2008
24.	P.C. Jain, N.P. Singh and S.C. Pahwa	Synthesis, Characterization and Spectral Studies of nickel (II) Complexes of ethyl and t-butyl esters of Hydrazine carboxylic acid	<i>Proceedings of the National Academy of Sciences, India (section-A-Physical Sciences) Volume 78A, Part IV, 287-292, 2008</i>	78part IV	287-292	2008
25.	P.C. Jain, S.C. Pahwa	Synthesis, Characterization and Spectral Studies of	<i>J. Indian Chemical Society,</i>	84	934-936	2007

	and N.P. Singh	copper (II) Complexes of o-ethyl and o-t-butyl esters of Hydrazine Carboxylic acid.				
26.	Sartaj Tabassum , Netra Pal Singh and Javed Mussarat	Synthesis and Characterization of the Copper (II) Complex with 2, 2-bis (1H, 3H, 5H) Pyrimidine-4, 6-dione-1, 2 diiminoethane: Fluorescence Quenching Studies in Proteins	<i>Synth. React. Inorg. & Met – Org. Chem.,</i>	33(3)	509-517	2003
27.	Sartaj Tabassum , Netra Pal Singh and Farukh Arjmand	Synthesis, Characterization and Toxicity of Heterobinuclear Complexes of Transition Metal ions	<i>Synth. React. Inorg. & Met.– Org. Chem.,</i>	31(10)	1803-1815	2001
28.	Jagvir Singh, Kamlesh Kumari, Prashant singh, Gopal K. Mehrotra and Netra Pal Singh	Synthesis of Metal-Bis(N(3-ethyl phenyl) Pyridine acetyl hydrazine complexes and evaluation of their Magnetic and antimicrobial activity,	AIP Conf. Proc. 1461, pp387-391, 2012 (ISBN-978-0-7354-1065-7) (IWFM - 2011) date 20-22 Dec., 2011 , Behram	1461	387-391	2012

			pur ,Odisha			
29.	Netra Pal Singh, Suman Sagar and Sulekh Chandra	Impact of Filter back Wash water when Blends with Source water on total Organic Carbon and dissolve Organic Carbon Removal	Res J Chem Sciences	2	38	2012
30.	Netra Pal Singh, Anuroop K, Gajendra	Pyridine2,6-dicarboxamide -based fluorescent sensor for detection of Fe ³⁺ and Hg ²⁺	Indian Journal of Chemistry	62	970-975	2023
31.	N. P. Singh, M. Singh, A. Ratnam, and A. Kumar	Carboxamide-based fluorescent sensor for the detection of Mg ²⁺ and Ni ²⁺ ions	Chemistry Africa, Springer,			Communicated 2024

13. Details of patents)

S.No.	Patent title	Name of applicant	Patent No	Award Date	Agency/Country	Status

14. Books/ Reports/ Chapters/ general articles

S. No.	Title	Authors name	Publisher	Year of Publication
1.	Polymer Chemistry	Single	Green Leaf publication, Varanasi	2017

15. Administrative and other work experiences:

- i) **Director**, College Development Council (DCDC), Dr. Harisingh Gour Vishwavidyalaya (A Central University), A+ grade by NAAC, Sagar-470003(MP), INDIA, from March 2024
- ii) **Member, Academic Council**, Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar,
- iii) **Member, Academic Council**, DDUGorakhpur University, Gorakhpur from 2022 to 2023.

- iv) **Convenor**, IQAC, Department of Chemistry, Dr. HS Gour Vishwavidyalaya (A Central University), Sagar, from Dec. 2023 to present
- v) **Member of DRC**, Department of Chemistry, Dr. HS Gour Vishwavidyalaya (A Central University), Sagar, from Dec. 2023 to present
- vi) **Coordinator**, B.Sc. I Sem. and M.Sc. I Sem. Practical exams, Department of Chemistry, Dr. HS Gour Vishwavidyalaya (A Central University), Sagar, from Dec. 2023 to present
- vii) **Member** of Purchasing committee, Department of Chemistry, Dr. HS Gour Vishwavidyalaya (A Central University), Sagar, from Dec. 2023 to present
- viii) **Member of DRC**, Department of Chemistry, DDUGorakhpur University, Gorakhpur from 2020 to 2023.
- ix) **Member of BOS**, Department of Chemistry, DDUGorakhpur University, Gorakhpur from 2020 to 2023.
- x) **Lab., Incharge** (B.Sc.), Department of Chemistry, DDUGorakhpur University, Gorakhpur from 2020 to 2023.
- xi) **Member of Flying squad**: DDUGU, Gorakhpur 2020-2021
- xii) **LPG In charge**: Department of Chemistry, DDUGU, Gorakhpur Since 2020 to 2023
- xiii) **Warden**: NC Hostel, DDUGU, Gorakhpur, Nov. 2023 to Dec. 2023
- xiv) **Member** of Purchasing committee, Department of Chemistry, DDUGorakhpur University, Gorakhpur from 2020 to 2023.
- xv) **Proctor**, DDUGorakhpurUniversity, Gorakhpur, July 2018 to 2020 and 2022 to 2023
- xvi) **Proctor**, Meerut College, Meerut, 2009 to 2013
- xvii) **Member of Research Advisory Board**, Meerut College, 2011-2012
- xviii) **Member** of CPE and Heritage Grants UGC, New Delhi for Departmental Developments from Session 2016-2017 to 03-07-2018, Meerut College, Meerut
- xix) **Coordinator** “National Seminar on India and China Bilateral Relations”, **March 1-2, 2015**, Department of Defence Studies, **Meerut College**, Meerut
- xx) **Co-convenor** National Seminar on India-Pakistan Relations: Issues and Challenges, September 12-13, 2015, Department of Defence Studies, **Meerut College**, Meerut

- xxi) **Co-convener** National Seminar on India-China Relations: Conflict or Cooperation, November 07-08, 2015, Department of Defence Studies, **Meerut College**, Meerut
- xxii) **Member of Youth Coordination Committee** in first International conference on molecular association, May 31, 1996, Department of Chemistry, **Aligarh Muslim University**, Aligarh
- xxiii) **Joint Organizing Secretary**, “International Conference on Innovative Approaches in Applied Sciences and Technologies (**iCiAsT-2016**)”, **Feb 1-5, 2016**, Bangkok, **Thailand**
- xxiv) **Co-convener**, National Seminar on Recent Development in Science and Technology on **Feb 19, 2017** by ARIDSS, New Delhi, Meerut College, Meerut
- xxv) **Convener**, National Conference on Latest Advancements in Physical Sciences and Life Sciences Sponsored by **INSA**, New Delhi, **March 18-19, 2017**, Department of Chemistry, Meerut College, Meerut
- xxvi) **Convener**, National Seminar on Green Chemistry and Sustainable Development on **Feb.25, 2018** by UGC, New Delhi and ARIDSS New Delhi, Department, of Chemistry, Meerut College, Meerut
- xxvii) **Editor**: Special Issue of National Conference March 18-19, 2017 Paper Publication, Acta Ciencia Indica(Chemistry Journal), UGC approved, Pragati Prakashan, Meerut
- xxviii) **Editor-In-Chief**: Journal of Computational Biology and Chemistry, Lawarence Press, New Delhi.

Associate Editor: - Journal of Scientific and Applied Research, Meerut

Reviewer: American Chemical Science Journal, Electro Chimica Acta and Pakistan J. chemistry, J of Applied Organometallic Chemistry, Asian J of Physical and Chemical Sciences, RSC Journals.

16. Research Projects completed:

1. Minor research Project completed funded by UGC, New Delhi-2011

Topic: Physicochemical Studies on Binuclear complexes of transition Metal ions Derived from Pyrimidine derivatives and Ketones and Their Biological Screenings

Ref.No F.-8-1(196)/2010)/(MRP/NRCB) dated 23-3-2010, Amount: 1.20 Lac, Duration :18 months

2. Minor research Project funded by UGC, New Delhi-2015-16

Ref No.F.ROMRP-NRCB-CHEM-2015-16-71986

Amount: 4.10 Lacs, Duration: 2 years

Topic: Synthesis, Characterization, Electrochemical and Catalytic Properties of Novel Schiff base Complexes of Mn(II), Zn(II)), Ru(III), Rh(III) and Pd(II)

Research Projects on going:

3. One Minor research Project on Development of Carboxamide based ligands to detect hazardous elements(Hg^{2+} , Pb^{2+} and $\text{As}^{3+/5+}$), R&D, Dept. of Higher Education, UP Govt., Prayagraj, Amount: 2.31 Lacs Duration- 3years from 2021
4. Synthesis and Spectral Studies of Pyridine-2, 6-dicarboxamide based ligands and their transition metal complexes (Mn, Fe, Co, Ni and Cu): application as Catalytic Properties and Chemo sensor. CST, UP Govt, Lucknow, Amount : 10.44 lacs, duration: 3 Years, from 2021

17. Member of Academic Societies:

- i) Life Fellows of Indian Council of Chemists, Agra,
- ii) Life Fellows of Indian Science Congress Association, Kolkata
- iii) Life Fellows of Indian Science Congress Association, Haridwar Chapter, Haridwar
- iv) Annual Fellows of Indian Chemical Society, Kolkata, 2009

18. Training Courses:

1. Orientation Programme from 1 to 28 Feb, **2008**, ASC, AMU, Aligarh
2. Refresher Course (Chemistry) from Nov 15 to Dec 04, **2010**, ASC, SGBAU, Amravati
3. Refresher Course (Disaster management) from March 19 to April 08, **2014**, ASC, AMU, Aligarh
4. Short Term Course on Research methodology from December 18 to 23, 2017, UGC-HRDC, University of Jaipur, Jaipur

5. Short Term Course on Research methodology, Meerut College, Meerut (Affiliated CCSUniv., Meerut), December 27, 2019 to Jan 2, 2020, Sponsored by RUSSA, and ARIDS

6. FDP on Future scope of Chemical sciences and Research Methodology, Sept, 21-25, 2020 Chemistry and Environmental science Dept., MMMUT, Gorakhpur, TEQIP-III Sponsored

7. FDP for faculties in Higher education: New Perspective of Teaching Learning and Research, DDUGorakhpur University, Gorakhpur, June 23-29, 2021, UGC-HRDC and ICT- Cell,

19. Research Supervision: 09 Awarded, 2 Ph.D. Students doing their research under my supervision

1. Mr. Jagvir Singh (Awarded-2012)

Thesis Topic: Synthesis and Physico-Chemical Studies on the Transition Metal Complexes Containing Schiff base Ligands, Semicarbazones and Thiosemicarbazones

2. Km Anu (Awarded 2013)

Thesis Topic: Magnetic and Spectral Studies on Certain Transition Metal Complexes of Pyridine based Substituted Hydrazides and Hydrazones

3. Mrs. Suman Morya (Awarded 2013)

Thesis Topic: Treatment and Analysis of Filter Backwash water and Sludge water from Drinking water plant.

4. Mr. Abhay Nanda Srivastava (Awarded 2013)

Thesis Topic: Physicochemical Studies on Binuclear complexes of transition Metal ions Derived from Pyrimidine derivatives and Ketones and Their Biological Screenings.

5. Mrs. Poonam Saini (Awarded 2015)

(Ref. No.- Res-2/A/82073/1167),

Thesis Topic: Synthesis and Spectroscopic Characterization of Some Novel Schiff base Compounds of Transition Metal ions and their Biological Studies

6. Mr. Anuroop Mishra (awarded 2022)

(Ref.No:Res-2/A/1300701/3791) dated 15/2/2017

Thesis Topic: Synthesis and Spectral Studies of Pyridine 2,6- dicarboxamide based ligand and their transition metals(Cu, Ni, Fe, Pd, Ru)Complexes: Application as Chemosensor,

7. Mrs. Uma agarwal (awarded-2022)

(Ref.No:Res-2/A/1300709/4003) dated 28/3/2017

Thesis Topic: Physicochemical Studies on Transition Complexes Based on Novel Schiff bases derived from Derivatives of Aromatic Amine & Aldehyde & Their Electrochemical, Fluorescence Quenching & Antimicrobial Activity

8. Mr. Kaushal Kumar (Awarded 2022)

(Ref.No:Res-2/A/1300703/3790) dated 15/2/2017

Thesis Topic: Synthesis and Physico-chemical studies of Novel Schiff Complexes of Mn(II), Fe(II), Co(II), Ni(II) and Zn(II) derived from 5-substituted Isatins and Diamines: Application as Antimicrobial Agents

9. Mr. Shyoraj Singh (Awarded 2022)

(Ref.No:Res-2/A/1300709/4003) dated 28/3/2017

Thesis Topic: Study of Leachate Elements from Coal Fly Ash of Thermal Power Plant and its Impact on Water Quality

Ph.D. under Progress:

1. Mr. Sanket Kumar

Thesis Topic: Synthesis and Spectral Studies of Pyridine-2, 6-dicarboxamide based ligands and their transition metal complexes (Mn, Fe, Co, Ni and Cu)

2. Mr. Anand Kumar Anand

Thesis Topic: Synthesis of Carboxamide based ligands to Check as Chemsensor

3. Miss Matreyi Singh (Research Assistant) in CST Project, Lucknow since Jan. 2022 to present

20. Webinars:

1. .Participated in international e conference on molecules to material for sustainability in XXI Century, Department of chemistry Gitam Deemed to be University, Vishakhapatnam, March 8-9, 2021.
2. 2.Participated in international seminar on peoples participation in environmental sustainability, Department of environmental studies, PGDAV College, University of Delhi, May, 8, 2021.

3. Participated in international seminar on We, re part of the solution organized by Geo Crusaders: The environmental Society and Department of environmental studies, PGDAV College, University of Delhi, May 22s, 2021.
4. Participated in international seminar on Ecosystem resotation organized by Geo Crusaders: The environmental Society and Department of environmental studies, PGDAV College, University of Delhi, June 5, 2021

21. Invited Talks:

1. Schiff's bases act as novel Class of compounds as sensor materials and their metal complexes show versatile applications in catalysis , National Seminar on Current Scenario in Material Sciences, 6-7 Jan., 2020, Dept of Physics and Chemistry, at K R College, Gopalganj(Bihar)
2. Resource person , National seminar on recent trendes in interdesiplinary research, 31 Jan 2020, MMCollege, Modinagar, Ghaziabad
3. Role of Schiff Bases in Development of sensor Material and their Complexes show versatile Applications in Catalysis , Xth Conference of ISCA Haridwar Chapter on Science and Technology: Rural Developments, 15-16 Feb., 2020, FET, Gurukul Kangri University, Haridwar
4. Schiff base complexes and their applications , Refresher Course Lecture, Dec.4, 2020, HRDC , BRA University, Bihar
5. Seminar Presentation Judgments of participants, Refresher Course, Dec, 1, 2020, HRDC, SGBBAU, Amravati, Maharashtra,

22. Conferences:

(A) Paper presented in International Conferences:

1. International Conference on Chemistry and Materials Prospects and Perspectives-2012, Dec. , 14-16, 2012, Babasaheb Bhimrao Ambedkar University, Lucknow
2. International Conference on Chemistry: Frontiers and Challenges, March, 2-3, 2013, Aligarh Muslim University, **Aligarh**

3. International Conference on Multifunctional Materials Energy and Environment, August, 21-23, 2013, Sharda University ,**Greater Noida**
4. International Conference on Global IPR System and WTO Issues, November, 16-17, 2013, Ch. Charan Singh University, **Meerut**
5. International Conference on Recent Trends in Interdisciplinary Sciences(RTISOC-2014), Feb.28-March 1, 2014, Multanimal Modi College, **Modinagar**, INDIA
6. International Conference on Green Initiatives in Science and Technology(GIST-2015), January 15, 2015, Manav Rachna College of Engineering(**Faridabad**)INDIA
7. International Conference on Global Initiatives in Applied Sciences and Green Technologies (**GiAgT-2016**)”, Sept 09-11, 2016, SRM University, Delhi NCR Campus, Modinagar, **Ghaziabad**

(B) Paper presented in National Conferences

1. 28th Annual Conference by Indian Council of Chemists, Nov., 7-10, 2009, Hem Chand Acharya University, **Patan**, Gujrat.
2. 46th Annual Convention of Chemists and International Conference on Recent Research Trends in Chemical Sciences, Dec., 2 – 6, 2009, VIT, **Vellore**, Tamil Nadu.
3. National Conference on Innovation in Pharmaceutical Sciences, Aug., 20-22, 2010, SGIT, **Ghaziabad**.
4. National Seminar on Recent Trends in Chemical Research, Sept., 4-6, 2010, Meerut College, **Meerut**.
5. National Conference in Green Chemistry, Sept., 16-17, 2010, SRM University, NCR, **Ghaziabad**.
6. National Seminar on New Trends in Green Chemistry, Dec., 14-15, 2010, DAV College, **Kanpur**.
7. National Symposium on “Innovations in Sciences & Technology for Inclusive Development” Organized by ISCA Haridwar Chapter, Feb., 16, 2014, GurukulKangri Vishwavidyalaya , **Haridwar** (U.K.).
8. National Conference on Future Perspectives of Science & Technology in Society and Governance(FPSTGS-2014), Nov. 29-30 , 2014, SSV College, **Hapur**(UP)

9. National Conference on “Sciences & Technology for Human Development” Organized by ISCA Haridwar Chapter, March 20-21, 2015, Gurukul Kangri Vishwavidyalaya , **Haridwar** (U.K.).
10. National Conference on “Sciences & Technology for Indigenous Development in India” Organized by ISCA Haridwar Chapter & FET, September 28-30, 2015, Gurukul Kangri Vishwavidyalaya , **Haridwar** (U.K.).
11. National Seminar on Ganga Pollution: Analysis & Remedies, Oct. 7-8, 2016, Department of Chemistry, DAV, College, Kanpur
12. 86th Annual Session of the National Academy of Sciences, India, Symposium and on “Science, Technology and Entrepreneurship for Human welfare in Himalayan Region” Dec. 2-4, 2016, UCOST and UTU, **Dehradun**(UK)

Place: Sagar

(Dr. Netra Pal Singh)