

**DEPARTMENT OF CHEMISTRY, Meerut College Meerut, C.C.S.U.**  
**Prof. Neelam Kumari (h-index = 17 at SCOPUS)**



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**Research fields:**

- Coordination & Analytical Chemistry
- Luminescent materials/Nanophosphors
- Number of Ph.D. Students: = 01
- Educational qualifications: M.Sc. in Chemistry, Ph.D.
- Career Profile: Professor in Meerut College, C.C.S.U, Meerut
- Life Membership of following:
  - Indian Council of Chemists
  - Indian Science Congress
- Research Publications, Total = 45
- Papers Presented in National Conferences, Total = 17
- International Conferences/Seminars, Total = 11
- Key-Note Lectures / Resource Person in Conferences = 05
- C.S.I.R-NET Books Published (International) = 23

Qualification	Session	Marks	Rank	University
High School	1986	576/900	1st	Kanaya Gurukul, Khanpur, H. R
10+2 (Med)	1990	311/500	1st	DAV College, Muzaffarnagar, U. P
B. Sc.(Med)	1993	976/1450	1st	Meerut College, Meerut
M. Sc. (Med)	1995	630/900	1st	Meerut College, Meerut
Ph. D. Chem.	2001	Chemistry		Meerut College, Meerut

**Ph.D. Topic** “*Synthesis Electronic and ESR Spectral Studies on Some Transition Metal Complexes of Semicarbazones*”.

**List of Publications:**

1. Rajesh Kumar Malik Jitender Kumar, and **Neelam Kumari**, “An Efficient Solvent Free Synthesis of Coumarins via Solid Phase Packman Reaction”. in Chemical science Transaction **2015**,4(4), 1092-1094. **ISSN: 2278-3458. (SCOPUS) I.F = 0.7**

2. Rajesh Kumar Malik, Priyanka Sehrawat, R. Punia, Sanjeev Maken and **Neelam Kumari**, Ecofriendly synthesis and white light-emitting properties of BaLa<sub>2</sub>ZnO<sub>5</sub>:Dy<sup>3+</sup> nanomaterials for lightening application in NUV-WLEDs and solar cells in CPLETT:792(2021)139399

ISSN: 0009-2614 (SCOPUS)

I.F = 2.37

3. Rajesh Kumar Malik, Priyanka Sehrawat, R. Punia and **Neelam Kumari**, Design of Bright-Green radiating Er<sup>3+</sup> -Singly Activated Zincate-based Nanomaterials for High-Performance Optoelectronic Devices in Journal of Electronic Material (Nov-2021): DOI: <http://doi.org/10.1007/s11664-021-09305-9> ISSN 03615235 (SCOPUS) I.F = 1.938

4. Monika Sheoran<sup>1</sup>, Priyanka Sehrawat<sup>1</sup>, Mukesh Kumar<sup>1</sup>, **Neelam Kumari**, V. B. Taxak and R.K Malik, Synthesis and crystal structural analysis of a green light-emitting Ba<sub>5</sub>Zn<sub>4</sub>Y<sub>8</sub>O<sub>21</sub>:Er<sup>3+</sup> nanophosphor for PCWLEDs applications in J Mater Sci: Mater Electron: (2021) DOI:10.1007/s10854-021-05787-9 ISSN: 0957-4522 (SCOPUS) I.F = 2.47

5. Monika Sheoran, Priyanka Sehrawat, **Neelam Kumari**, S.P. Khatkar, R.K. Malik, Cool white light emanation and photo physical features of combustion derived Dy<sup>3+</sup> doped ternary yttrate oxide-based nanophosphors for down converted WLEDs in CPLETT: 773((2021)138608 ISSN: 0009-2614 (SCOPUS) I.F = 2.37

6. R.K. Malik, Monika Sheoran, Priyanka Sehrawat, Mukesh Kumar and **Neelam Kumari**, Facile combustion fabrication and optical investigation of novel Er<sup>3+</sup>-activated BaSrY<sub>4</sub>O<sub>18</sub> green emitter for solid state lighting applications in Journal of Light and Electron Optiks [Optik]: 241(2021)167041 ISSN:0030-4026 (SCOPUS) I.F = 2.44

7. Monika Sheoran, Priyanka Sehrawat, **Neelam Kumari** and R. K. Malik Structural and Optoelectronic Analysis of Ba<sub>5</sub>Zn<sub>4</sub>Gd<sub>8</sub>O<sub>21</sub>:Er<sup>3+</sup> Nanomaterials Emitting Green Light for Modern Lighting Applications in Journal of Electronic Materials:50, pages 6270–6282(2021) <https://doi.org/10.1007/s11664-021-09122-0> ISSN 0361-5235 (SCOPUS) I.F = 1.938

8. Monika Sheoran, Priyanka Sehrawat, Hina Dalal, **Neelam Kumari** and R. K. Malik, Realization of orange-red emanation from novel oxide based BaSrY<sub>4</sub>O<sub>8</sub>:Sm<sup>3+</sup> nanocrystals for optoelectronic Applications in J Mater Sci: Mater Electron:(2021)32:23601-23613 (SCOPUS) ISSN: 0957-4522 I.F = 2.478

9. Monika Sheoran a, Priyanka Sehrawat, **Neelam Kumari**, Mukesh Kumar, R.K. Malik, Fabrication and photoluminescent features of cool-white light emanating Dy<sup>3+</sup> doped Ba<sub>5</sub>Zn<sub>4</sub>Gd<sub>8</sub>O<sub>21</sub> nanophosphors for near UV-excited pc-WLEDs in Chemical Physics Impact: 4(2022)10063 <https://doi.org/10.1016/j.chphi.2022.100063> ISSN 2667-0224 (SCOPUS) I.F = 3.488

10. Rajesh Kumar Malik, Anuradha, Surendra Kumar and **Neelam Kumari**, Study the anti-oxidant property of tris-(4-phenoxyphenyl) amine in Journal of Emerging Technologies and Innovative Research (JETIR), Vol -6,6 (2019) p-806-808 ISS:2349-5162 (SCOPUS) I.P = 5.6

11. Rajesh Kumar Malik, Anuradha, Surendra Kumar and **Neelam Kumari**, Study of fluorescence pattern of 2-Bromo-3-Hydroxy-2-Nitropropylcinnamate (BNPC) with different ions and its applications as ion-sensor in Compliance Engineering Journal, Vol -11,3 (2020) p-1-6. **ISSN 0898-3577 (SCOPUS) I.F = 0.7**
12. Rajesh Kumar Malik, Anuradha, Surendra Kumar and **Neelam Kumari**, Study the Antioxidant Activity of 2-Bromo-3-hydroxy-2-nitropropylcinnamate (BNPC) Against Alcohol-induced Oxidative Damage in Asian Journal of Organic and Medicinal Chemistry. Vol. 5,2 (2020)- 156-160, **(ISSN- 2456-8937). (SCOPUS) I.F = 5.6**
13. Monika Sheoran, Priyanka Sehrawat, **Neelam Kumari**, Mukesh Kumar, Hina Dalal, R.K. Malik, Structural and optical conduct of cool white-light emanating BaGd<sub>2</sub>ZnO<sub>5</sub>:Dy<sup>3+</sup> nanocrystals for white LEDs in OPTIK-International Journal for Light and Electron Optics-257 (2022) 168772.<https://doi.org/10.1016/j.ijleo.2022.168772> **ISSN:0030-4026 (SCOPUS) I.F.= 2.443**
14. Poonam Devi Priyanka Sehrawat, Hina Dalal, Monika Sheoran1, **Neelam Kumari** and Rajesh Kumar Malik, Crystal Phase Refinement and Optical Features of Highly Efficient Green Light Radiating Ca<sub>9</sub>Y(VO<sub>4</sub>)<sub>7</sub>: Er<sup>3+</sup> Nanophosphors for Emerging Solid-state Lighting Applications: Journal of Fluorescence [://doi.org/10.1007/s10895-023-03356-3](https://doi.org/10.1007/s10895-023-03356-3) **ISSN: 1053-0509 (SCOPUS) I.F = 2.70**
15. **Neelam Kumari**, An analytical research on catalytic activity of cobalt-molybdenum in ACCENT JOURNAL OF ECONOMICS ECOLOGY & ENGINEERING: Vol.04, Issue 03, March 2019, [www.ajeee.co.in/index.php/AJEEE](http://www.ajeee.co.in/index.php/AJEEE) **ISSN: 2456-1037 I.F = 8.33**
16. **Dr. Neelam Kumari**, Pratibha, Spectral and Biological Studies of Manganese Complexes with Macrocyclic Ligand in Scholars International Journal of Chemistry and Material Sciences: DOI:10.21276/sijcms.2019.2.1.2 **ISSN Online 616-8669 I.F = 0.7**
17. **Dr. Neelam Kumari** and Sapna, Scope and Status of Schiff base ligand and its Metal Complexes in Voyager: Vol. X, 2019 pp.33-42 (2019) **ISSN: 0976-7436 (P) I.F = 5.837**
18. **Dr. Neelam Kumari** in A Study of Metal Complexes of (E)-N'-{(2- hydroxynaphthalen-1-yl) methylene} Furan-2- Carbohydrazide in International Journal of Science and Research (IJSR) (2018): SJIF (2019): **ISSN: 2319-7064 I.F. = 7.583**
19. **Dr. Neelam Kumari**, Naxalism in India: Historical Perspective in SURAKSHA CHINTAN, 2021 VOL - 22, NO-2, JULY-DECEMBER 2021 **ISSN 0976-3163 I.F: 5.689**
20. Sapna and **Neelam Kumari**, Evaluation of multidimensional biological activities of synthesized complexes of Fe (II), Co (II), Ni (II) and Cu (II) USING SCHIFF BASE LIGANDS in Rasayan Journal of Chemistry, Vol. 16 | No. 2 |735-739| April - June | 2023 **ISSN: 0974-1496**

**I.F = 1.23**

21. **Dr. Neelam Kumari**, An Analysis of Chemical Pesticides and Its Impact on Agriculture and Health in International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 9, Issue-7 July -2021 ISSN: 2455-6211 **I.F = 7.429**

22. **Dr. Neelam Kumari**, Spectral and Biological Studies Of Manganese Complexes With Macrocyclic Ligand in THINK INDIA JOURNAL ISSN:0971-1260 Vol-22-Issue-10-November-2019 ISSN:0971-1260 **I.F = 0.79**

23. **Neelam Kumari**, Swati Kumari and Nupur Shishodia, Nanotechnology: Applications in the field of the water in ISST Journal of applied Chemistry, Vol. 9 No. 1, **June-2018**, P.P-31-33 ISSN :0976-7355 **I.F = 0.33**

24. **Neelam Kumari** and Partibha, Synthesis, Characterization and Antibacterial Activity of Transition Metal Complexes with Tetra Aza macrocyclic Ligands in ISST Journal of applied Chemistry, Vol. 9 No. 1, **June-2018**, P.P-92-98 ISSN :0976-7355 **I.F = 0.33**

25. Responsible Research & Innovation Pathway for the Future of Sustainability of E-Mobility in THINK INDIA JOURNAL Vol-22-Issue-10-Nov-2019, PP-1599-1605 ISSN:0971-1260 **I.F = 0.79**

26. **Dr. Neelam Kumari**, An Analytical research on catalytic Activity of Cobalt-Molybdenum in Accent Journal of Economics Ecology & Engineering, Vol-04, Issue-03, **March-2019** ISSN: 2456-1037 **I.F: 6.194**

27. **Dr. Neelam Kumari** and Partibha, Spectral and Biological Studies of Manganese complexes with Macrocyclic Ligands in Scholar International Journal of Chemistry and Material Sciences, DOI: 10.21276/sijcms.2019.2.1.2 ISSN:2327-5553 **I.F = 0.787**

28. **Dr. Neelam Kumari**, India-Pakistan Relation: Political and Economic Dimensions and Current Environment in THINK INDIA JOURNAL Vol-22-Issue-10-Nov-2019, PP-1309-1315. ISSN:0971-1260 **I.F = 0.79**

29. **Dr. Neelam Kumari**, A Study of Metal Complexes of  $\epsilon$ -N'-{(2-hydroxynaphtalen-1-yl)methyl} Furan-2-Carbohydrazide in International journal of Science and Research, Vol-09, Issue-04, ISSN:2319-7064. **I.F = 7.58**

30. **Dr. Neelam Kumari**, Environmental Security of India and its Implications in International Journal of Science and research, Vol-09, Issue-04 (2019), ISSN:2319-7064. **I.F = 7.58**

31. **Dr. Neelam Kumari**, Critical Analysis of Water Pollution and its Impact on Society in International journal of Trade and commerce: January-June-2021, Vol-10, No.1 PP-88-94 ISSN: 2277-5811 **I. F = 5.13**

32. **Dr. Neelam Kumari**, An Analysis of Chemical Pesticide and Its Impact on Agriculture and Health in International Journal of AB Research Education and Scientific Methods: Vol-9, Issue-7, July-2021, ISSN: 2455-6211, I. F= 2.287
33. **Dr. Neelam Kumari**, The Status of Stress in Green Thin Films and Coatings in International Journal of AB Research Education and Scientific Methods: Vol-9, Issue-5, May-2021, ISSN: 2455-6211, I.F = 7.42
34. **Dr. Neelam Kumari** and Dr. S.K. Sharma, The Nickel (II) Complexes Using First Principles Density Functional theory: A Theoretical Study in IJARESM, , Vol-9, issue-10, October-2021. ISSN:2455-6211 I. F: 7.896
35. **Dr. Neelam Kumari**, Original Development and Concept of Environmental Security: An Analytical Study in Journal of Interdisciplinary Cycle research: ISSN: 0022-1945, Vol-XIII, issue-IV, April-2021, PP-1359-1382. I.F = 6.02
36. **Neelam Kumari**, Stereochemical Features of Five-Coordinated Dimeric Square Pyramidal Oxovanadium (IV) Complexes in Saudi Journal of Medical and Pharmaceutical Sciences: issn:2413-2429, DOI: 10. 21276.sjmps.2016.2.8.1 ISSN:2413-4929 I.F = 2.80
37. **Neelam Kumari**, Mn complexes of Semicarbazones and thiosemicarbazones of benzyl methyl ketones and benzyl ethyl ketones and their spectral studies in J. of Chemistry in Asia: Vol.2 No. 4(2011) 207-257 ISSN : 0975-9468 (SCOPUS) I.F = 0.30
38. **Neelam Kumari**, Soil Pollution: Chemical remediation Methods in J. of Chemistry in Asia: Vol.2 & 3 (2010) 207-218 ISSN : 0975-9468 (SCOPUS) I.F = 0.30
39. **Neelam Kumari**, Synthesis and Evaluation of Noval Quinazolinone Derivatives as Spectrum Anticonvulsants in Acta Ciencia India, Vol.XLIII, No. 2,215 (2017) ISSN 0970-0455 I.F = 0.00
40. **Neelam Kumari**, Complexes of 1,3-dihydroxy-4-(2-Pyridylazo) 4-methyl benzene (PAMR) with Cu<sup>++</sup> and Zn<sup>++</sup> metal ions in J. of Chemistry in Asia: Vol. 4 (2010) 326-335 ISSN: 0975-9468 (SCOPUS) I.F = 0.30
41. **Neelam Kumari**, Metal Chelates of 1,3-dihydroxy-4 (2-pyridylazo) 4-methyl benzene (PAMR)) in J. of Chemistry in Asia: Vol.2 No.1 (2011) 71-79 ISSN : 0975-9468 (SCOPUS) I.F = 0.30
42. **Neelam Kumari** and Sulekh, Synthesis, Electronic and Spectral Studies on Ni (II) Complexes of Semicarbazones and Thiosemicarbazones in J. of Chemistry in Asia: Vol.3 No. 1-4 (2012) 59-66 ISSN: 0975-9468 (SCOPUS) I.F = 0.30
43. **Neelam Kumari** and Partibha Synthesis, Structural and Antifungal Studies of Copper (II) Tetra Aza Macrocyclic Complexes in Acta Ciencia India, Vol.XLIII, No. 2,223 (2017) ISSN 0970-0455 I.F = 0.00

44. **Neelam Kumari**, Metal Chelates of 1, (O-Aresonophenyl Azo)-2-Naphthol-3,6 Disulphonic Acid (APANS) in J. of Chemistry in Asia: Vol.3 No. 1-4 (2015) 59-66  
**ISSN: 0975-9468 (SCOPUS) I.F = 0.30**

45. **Neelam Kumari**, Responsible Research & Innovation Pathway for the Future of Sustainable of E-Mobility in Bhugol Swadesh Charcha: Vol.15, No.2, October (2019)  
**ISSN: 0975-9468 (SCOPUS) ISSN: 2582-4788 I.F = 0.30**

46. **Neelam Kumari**, India's Environmental policy Page-150 in SURAKSHA-CHINTAN (2018) **ISSN: 0976-3163 UGC-Care list-48712**

47. **Neelam Kumari**, Expanding Scope of India as Military to Military Cooperation (2017)  
**ISSN: 2277-5811 UGC-Care list-48636**

### **Conferences/Seminars Participation:**

1. Proceedings of the 81<sup>st</sup> Session of the Indian Science Congress Jaipur in **1994** and **paper presented** entitled, Amperometric Trace Determination of Ir(III).

2. 6<sup>th</sup> National Conference on Thermodynamics of Chemical and Biological Systems (NCTCBS-2011), organized by Dept. of Chemistry, M.D.U. Rohtak under the Auspices of The Indian Thermodynamics Society from **Nov. 2-4, 2011**.

3. 2<sup>nd</sup> National Conference on Recent Advances in Chemistry and their Impact on Environment organized by Arya P.G. College, Panipat, Sponsored by D.G. Higher Education, Haryana & Ministry of Science & Technology, New Delhi. **(Paper Presented) February 4-5, 2012**

4. National Conference on Global Challenges in Chemical Sciences organized by Dept. of Chem. K.U. Kurukshetra, Sponsored by U.G.C. **(Paper Presented) September 22-23, 2012**.

5. National conference on Advances of Chemistry, organized by Dept. of Chemistry MDU Rohtak on **1-2 March 2013. Paper presented** "Metalloid compounds as Drugs".

6. 3<sup>rd</sup> National Conferences on Advances in Chemical and Environmental Sciences organized by Arya PG College Panipat on **Feb 27-28 2014**. Sponsored by DGHE Haryana and DST New Delhi. **Paper presented.**

7. National conference on Advanced scientific development in chemical sciences-2014. Organized by DCRUT Murthal, on **March 14 ,2014. Paper presented.**

8. 4<sup>th</sup> National Conference on Recent Advances in Chemical and Environmental sciences, Organized by Arya P.G. college Panipat HR, on **Feb-27-28 ,2015**. Sponsored by DST New Delhi. **Paper presented.**

9. National conference on Science & Technology for Indigenous Development in India. Organized by ISCA-Haridwar Chapter on **28-30 September-2015. Paper presented.**

10. National conferences on Recent Advances in Science & Technology, organized by Arya PG College Panipat on **27-28 Feb.2016**. Sponsored by DGHE Haryana. (**Paper presented**).

11. National Conference on Latest Advancements in Physical Sciences and Life Sciences sponsored by Indian National Science Academy (INSA), New Delhi, organized by Meerut College, Meerut on **18-19 March, 2017. (Paper presented)**.

12. 6<sup>th</sup> National conference on Chemical & environmental Sciences: Emerging Dimensions & Challenges ahead, organized by Arya PG College Panipat on **1<sup>st</sup> April 2017**. Sponsored by DGHE Haryana. **Paper presented.**

13. 1<sup>st</sup> National conference of Indian Science Congress Association – Rohtak Chapter on “Science & Technology for Sustainable Development” (NCSTSD – 2019) organized by Chemistry Department, M.D. University, Rohtak on **Feb. 12-13, 2019. Paper presented** “*Synthesis, Structural and Photoluminescent Properties of Trivalent Samarium Doped Aluminate Nanophosphor*”.

14. 2<sup>nd</sup> National Conference on “Science & technology for Rural Development” on **14<sup>th</sup> and 15<sup>th</sup> October-2020**, organized by Chemistry Dept. M.D.U. Rohtak in association with ISCA – Rohtak Chapter & sponsored by SAO-UGC. **Paper presented** “*Synthesis and optical properties of Ca<sub>2</sub>Zn<sub>4</sub>(VO<sub>4</sub>)<sub>6</sub> nanophosphor*”.

**15.** 7<sup>th</sup> National Conference on Recent Advances in Chemical and Environmental sciences, Organized by Arya P.G. college Panipat HR, on **19<sup>th</sup>-Feb, 2022**,. Sponsored by DST New Delhi. **Paper presented.** “*Structural, Optoelectronic and Crystallographic Analysis of Novel Dy<sup>3+</sup> Doped BSG Nanophosphor for advanced Solid-State Lightings*”.

16. 8<sup>th</sup> National Conference on Science & technology for nation Development: Opportunities & global challenges, NCSTND-2023, under D.G.H.E Haryana on 28<sup>th</sup> of February, 2023 at Arya College Panipat. **Paper presented:** “*Synthesis and characterization of some rare -earth doped nanophosphors for simultaneous white light-emitting diodes and field emission display*”

17. National conference on “Recent Trends in Materials & Life Sciences” organized by Dept. of Chemistry, M.D.U. Rohtak on 29<sup>th</sup>-September 2023.

**Paper Presented:** *Crystal configuration and optical traits of cool white light radiating Dy<sup>3+</sup>-activated Ca<sub>9</sub>Y(VO<sub>4</sub>)<sub>7</sub> nanomaterials for solid-state lighting applications.*

### **International Conferences:**

2. **1<sup>st</sup> International** Conference on Recent Advances in Chemical Sciences organized by Arya P.G. College, Panipat sponsored by DHE Haryana and CSIR, New Delhi. **Paper Presented**, Novel Molecules for Diagnosis and Therapeutics. **February 24-26, 2013**

**3. International** Conference on Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS-2018) organized by Subharti University, Meerut on **20-22 Oct., 2018. Paper presented** “Synthesis and Biological Evaluation of new Pyrimidines”.

**4. 2<sup>nd</sup> International** Conference on Innovations in Chemical, Biological & Environmental Sciences, organized by Arya PG College, Panipat on **27-28 Feb, 2019. Paper presented** “Synthesis of Benzimidazole and their Biological Activity”.

**5. 3<sup>rd</sup> International** Conference on “Innovations in Science, Engineering & Technology” organized by Arya PG College, Panipat on **09-10 November, 2019**, in association with ISCA-Rohtak Chapter, sponsored by DGHE-Haryana. **Paper presented** “Structural & Optical Properties of Europium Doped CaMgY<sub>8</sub>O<sub>16</sub> Red Nanophosphor”.

**6. 1st International** Conference of ISCA – Rohtak Chapter, on “Science & technology: Rural Development” on **4<sup>th</sup> and 5<sup>th</sup> March-2020**, organized by Chemistry Dept. M.D.U. Rohtak. **Paper presented** “Photoluminescence Characteristics of Tb doped Zn<sub>4</sub>V<sub>2</sub>O<sub>9</sub> Nanophosphor”

**7. 1<sup>st</sup> International** conference of ISCA-Rohtak Chapter “Science& Technology: Rural Development” organized by Dept. of Chemistry at MDU Rohtak, **presented paper** on **4-5 March, 2020**.

**8. 1<sup>st</sup> International** conference on “Technological Transformation and Presentation in the Post COVID world” at DCRUST Murthal, Sonapat, Paper Presented, on **22-23 March-2021**

**9. 1<sup>st</sup> International** conference on “Advanced Developments in Chemistry and Allied Sciences-2021 at DCRUST Murthal, Sonapat, Paper Presented, on **16-17<sup>th</sup> Dec-2021**

**10. 2<sup>nd</sup> International Conference on** Advanced Developments in Chemistry and Allied Sciences-2023at DCRUST, Murthal, **Presented Paper** “Constructing cool white illuminating BYAO: Dy<sup>3+</sup> nanophosphors by propellant combustion synthesis”, **17<sup>th</sup> & 18<sup>th</sup> January-2023**

**11. 3rd International Conference on Emerging Trends and Researches in Professional Development of Faculties in Multidisciplinary Domains-2023, Presented Paper** “Crystal Phase Evolution and Optical aspects of Bright orange Light Emitting Sm<sup>3+</sup> activated phosphors for progressive Lightening Applications”, By J.C.P.D. Sirsa on **27<sup>th</sup> & 28<sup>th</sup> May-2023**

**Books Published: - International Publisher of Glasgo in U.K**

1. Recent Development in Science and Technology (**National**)

By Dr. Neelam Kumari & Dr. Archana: ISBN: 978-93-80966-90-8, **Pub-2017**

2. Bio-Inorganic Chemistry (**National**)

By Neelam Kumari, 1<sup>st</sup> Edition, ISBN-978-93-83930-77-7, **Published in 2017**

3. INDIA’S Environmental Security (**National, G.B. BOOKS**)

By Dr. Neelam Kumari, ISBN: 978-93-83930-79-1 (**Published in 2018**)



4. India Pakistan Relations, Past, Present & Future: (**Published in 2018**)  
By Dr. Neelam Kumari: ISBN: 978-93-83930-80-7 (**G.B-BOOKS**)
5. Flow through Nuclear Chemistry (**National**)  
By Neelam Kumari, First Edition, ISBN-978-93-87812-18-5, **Published in 2018**
6. Metal Complexes of Four-Membered Rings: (**International, Anu BOOKS, U.K**)  
By Dr. Neelam Kumari & Ravinder Nirwal: ISBN: 978-93-87922-80-8 (**2019**)
7. CSIR-NET Vol.-1(1<sup>st</sup> Edition 2019) (**International, Glasgow-UK**)  
By Neelam Kumari, ISBN-978-93-87922-69-3, **Published in 2019**
8. CSIR-NET Vol.-1 (2<sup>nd</sup> Edition 2020) (**International, Glasgow-UK**)  
By Neelam Kumari, ISBN-978-93-87922-92-1, **Published in 2020**
9. CSIR-NET Vol.-1(3<sup>rd</sup> Edition 2021) (**International, Glasgow-UK**)  
By Neelam Kumari, ISBN-978-93-90879-16-8, **Published in 2021(July)**
10. CSIR-NET Vol.-2 (3<sup>rd</sup> Edition 2021) (**International, Glasgow-UK**)  
By Neelam Kumari, ISBN-978-93-90879-24-3, Published in 2021(July)
11. CSIR-NET Vol.-1(4<sup>th</sup> Edition 2023) (**International, Glasgow-UK**)  
By Neelam Kumari, ISBN-978-93-90879-16-8, Published in 2023(January)
12. CSIR-NET Vol.-2 (4<sup>th</sup> Edition 2023) (**International, Glasgow-UK**)  
By Neelam Kumari, ISBN-978-93-90879-78-6, **Published in 2023(January)**
13. India-China Strategic Relationship (G.B. Books)  
By Dr. Neelam Kumari: ISBN: 978-93-83930-61-6 (**Published in 2019**)
14. Maritime Security Challenges to India in the 21<sup>st</sup> Century: (G.B. Books)  
By Dr. Neelam Kumari: ISBN: 978-93-83930-85-2 (**Pub: 2019**)
15. India Central Asian Republic Relations: (Akriti Parkashans)  
By Dr. Neelam Kumari: ISBN: 978-93-80771-56-4 (Pub: 2019)
16. Strategic Implications of North East India's Look EAST POLICY (**International**)  
By Dr. Neelam Kumari: ISBN: 978-93-87922-71-6 (**Pub-2019, Anu BOOKS, UK**)
17. Sustainable Development and Global Warming: (International. Anu BOOKS, U.K)  
By Dr. Neelam Kumari & Swati Kumari: ISBN: 978-947224-8-9 (**Pub-2020**)
18. Environment and Sustainable Development: (International Anu BOOKS, U.K)  
By Dr, Neelam Kumari: ISBN: 978-93-90115-10-5 (**Pub-2020**)
19. Research methodology An Introduction: (**G.B. BOOKS, Delhi**)  
By Dr, Neelam Kumari: ISBN: 978-93-83930-83-8 (**Pub-2021**)
20. India-Pakistan Relations: (**Ankit Parkashans**)  
By Dr. Neelam Kumari: ISBN: 978-93-81234-94-5 (Pub: 2021)

21. India-China Relations: (**Goel Parkashans**)

By Dr. Neelam Kumari: ISBN: 976-61-953461-0-7 (Pub: 2021)

22. Kashmir Problem and India-Pakistan: (**Ankit Parkashans**)

By Dr. Neelam Kumari: ISBN: 976-61-950132-3-4 (Pub: 2021)

23. Water Security for INDIA: (**International. Anu BOOKS, U.K**)

By Dr. Neelam Kumari: ISBN: 978-93-90879-48-9 (**Pub-2021**)

**Organizer in Training Programme/Invited Talk:**

1. Acted as **Organizing Secretary** in the Faculty Development Programme (21 days) in 2017 by Meerut College Meerut, sponsored by UGC, New Delhi.

2. Acted as **Organizing Secretary** in the Faculty Development Programme (07 days) in 2019 by Meerut College Meerut, sponsored by RUSA/IQAC, New Delhi.

3. Acted as **Organizing Secretary** in the Faculty Development Programme (11 days) in 2020 by Meerut College Meerut, sponsored by UGC, New Delhi.

4. Acted as **Resource Person** "Spectroscopy" in the National Conference, Analytical Tools of Chemistry in K.M.K. College Hodal on 1<sup>st</sup> May 2019.

5. Acted as **Chair- Person** in the National Conference, Women Security in 21<sup>st</sup> Century in LAL-Degree College, Roorkee on 21<sup>st</sup> October 2018.

5. Acted as **Resource- Person** in the National Conference, **Tripple Talak** in LAL-Degree College, Roorkee on 39-March, 2018.

**Refresher Courses/Orientation Programme:**

1. **Orientation Programme** at Jamia Millia Islamia University, Delhi, from 18-2-2010 to 19-03-2010.

2. **Refresher Course-Basic Science** at Jamia Millia Islamia University, Delhi, from 03-5-2012 to 23-05-2012.

**Research Project Programme:**

1. **National**, acted as Co-PI/Co-director, funded by ICSSRN (3Lakh), Report published.

### **AWARDS/FELLOW-SHIP/MEMBER:**

1. **Life time achievement award** in Advance Research Institute for Development of Social Science, Meerut in 2019, National Level.
2. **Award of Excellence** in ABVP Meerut Mahanagar, Meerut in 2019, State-Level.

### **Chief-Editor of Journals:**

1. **Deputy Chief Editor** in Peer reviewed Journal Suraksha Chintan ISSN-0976-3163, from 2018 to 2020.
2. **Deputy Director in** Advance Research Institute for Development of Social Sciences-ARIDSS, Meerut from 2016 to 2020.
3. **Editor** in Peer-Reviewed International Journal VOYAGER, ISSN-0976-7436, from 2018 to 2020.

### **Member of Committees in Meerut College:**

1. Member of Sports Committee for **Three Years**
2. Assistant DEAN, Assistant Proctor for **Two Years**
3. Assistant Proctor in Committee for **Ten Years**
4. Women - Cell Member for **Two Year**
5. U.G.C. Committee for **One Years**
6. IQAC Committee for **Two Years**
7. RUSA Committee for **Two Years**