



## Aditi Mahavidyalaya

### Faculty Details



| Title   | Prof  | First Name | Mamta | Last Name | Sharma      | Photograph  |
|---|---|------------|-------|-----------|-------------|---|
| Designation   | <b>Professor-Principal</b>  |            |       |           |             |  |
| Department  | <b>Chemistry</b>  |            |       |           |             |   |
| Address   | <b>K-93, Kirti Nagar<br/>New Delhi<br/>Pin code - 110015</b>              |            |       |           |             |   |
| Phone number  | <b>9654619343<br/>91-11-41425793</b>                                      |            |       |           |             |   |
| Email   | <a href="mailto:principal@aditi.du.ac.in">principal@aditi.du.ac.in</a>    |            |       |           |             |   |
| Web-Page  | <a href="http://www.aditi.du.ac.in">www.aditi.du.ac.in</a>                |            |       |           |             |   |
| Educational Qualifications:   |   |            |       |           |             |   |
| Degree  | Institution   |            |       |           | Year        |   |
| Class X   | <b>NC Jindal Public School (Under CBSE)</b>                               |            |       |           | <b>1983</b> |   |
| Class XII   | <b>NC Jindal Public School (Under CBSE)</b>                               |            |       |           | <b>1985</b> |   |
| BSc (Hons)<br>Chemistry   | <b>Miranda House<br/>University of Delhi</b>                              |            |       |           | <b>1988</b> |   |
| MSc (Chemistry)<br>Spl: Physical Chemistry  | <b>Miranda House<br/>University of Delhi<br/>(University Rank holder)</b> |            |       |           | <b>1990</b> |   |
| Ph.D.<br>Chemistry  | <b>University of Delhi</b>  |            |       |           | <b>1994</b> |   |
| Career Profile  |   |            |       |           |             |   |
| <b><u>Administrator</u></b><br><b>07 Years + 09 months (Till date) as Principal</b>                                     |   |            |       |           |             |   |
| <b><u>Academician</u></b><br><b>Total teaching experience: 30 Years + 5 Months (Till date) as Professor (Presently)</b> |   |            |       |           |             |   |

## Researcher

- 2022-20023 **Principal Investigator** Aditi Mahavidhyalaya University of Delhi funded UnderGraduate Research Project entitled '*Solar Energy for Sustainable Development in Aditi Mahavidyalaya: Present Status, Installed Capacity and Future Prospects.*'
- 2022-2023 **Co-Principal Investigator** Aditi Mahavidhyalaya University of Delhi funded UnderGraduate Research Project entitled '*Psycho-social Predictors of Drug Abuse in Indian Society*'
- 2015-2016 **Principal investigator** University of Delhi funded Innovative Project on '*Psychological, Commercial and Legal Fight of Aged Consumers for Consumer Rights: A Self-Help Group Technique*'
- 2011-2014 **Principal investigator** UGC (University Grant Commission) funded project '*Remediation Modeling of Metal contaminated water and Soil using Novel water soluble Polymers as a Green Technology*' start: 1.2.2011 to 31. 1. 2014
- 2012-2013 **Principal investigator** University of Delhi funded Innovative Project on '*Chemical metamorphosis of soil and water due to industrialization in the Himachal Pradesh*' Start: 15.5.2012 to 14.7.2013
- 2013-2015 **Principal investigator** University of Delhi funded Innovative Project on "*Understanding the Desertification and related socio-economic scenario of National Capital Region of Delhi*" 01.12.2013 to 31.03.2015.
- 2007- 2009 **Principal investigator** DST funded project entitled, "*Monitoring, Characterization & Remediation of Metal ions in Delhi Soils using Green Approach*" start: 17.8.2007 to 16.8.2009.
- 1992-1994 **Research Scholar**, c/o Prof. S. K.Chatterjee, Department of Chemistry, University of Delhi, Delhi, INDIA. Senior Research Fellowship (SRF) Sponsored by UGC under Centre of Advanced Studies (CAS)
- 1990-1992 **Research Scholar**, c/o Prof. S. K.Chatterjee, Department of Chemistry, University of Delhi, Delhi, INDIA. Junior Research Fellowship Sponsored by UGC under Centre of Advanced Studies (CAS)

## Administrative Assignments

1. Principal Aditi Mahavidyalaya 06th July, 2015 and completed 07 years and 10 months (Till date). Carrying out all the administrative work as per
2. Member Academic Council (15.10.2017-15.10.2019)
3. Member Standing Committee (Students) Academic Council, University of Delhi (15.10.2017-15.10.2019)
4. Member Board of Research Studies in Chemical Sciences, JJTU
5. Member Community Development Cell for planning towards Community Development, University of Delhi
6. Member '*Thematic Committee on Infrastructure and Green Initiatives*' under Centenary Year celebrations in 2022
7. Member University Centenary Village Committee
8. Member - Thematic Committee on Exhibition of Cultural Events
9. Member District Level Committee, Narela Zone

## Areas of Interest / Specialization

Environment and Polymer Science

| Subjects Taught  |  |   |  |
|--|--|---|--|
| Physical Chemistry<br>Environmental Studies  |  |   |  |
| Research Guidance  |  |   |  |
| Supervised MSc Dissertation of the following students of AN College Patna                      |  |   |  |
| <ol style="list-style-type: none"> <li>1. Sh Kundan Kumar</li> <li>2. Sh Amod Kumar</li> </ol> |  |   |  |
| Research Papers (Web link to the paper, if online available, or pdf of the paper)              |  |   |  |
| <b>Research Papers / Review Articles / Conference Proceedings</b>                              |  |   |  |
| S.No.  | Title with page nos.   | Publisher (city / country ) & Year of Publication   |  |
| 1.   | Understanding the impact of Industrialization on potable water quality in the lower Shiwalik region of Himalayas and its Geographical Analysis | Asian Journal of Water, Environment and Pollution, Vol. 20, No. 3 (2023), pp. 11-18<br><br>https://DOI<br>10.3233/AJW230033   | ISSN 0972-9860 (P)<br>ISSN 1875-8568 (E)<br><br>Scopus Indexed<br><br>02-Mamta_Sharma F...   |
| 2.   | Antimicrobial Agents Based on Metal Complexes: Present Situation and Future Prospects  | International Journal of Biomaterials<br>Volume 2022, Article ID 6819080, 21 pages  | Scopus Indexed<br><br><a href="#">6819080.pdf</a><br><br><a href="https://doi.org/10.1155/2022/6819080">https://doi.org/10.1155/2022/6819080</a> |
| 3.   | How Music played Important Role to relieve Stress during Covid-19 and Lockdown   | Samagam<br>PEER REVIEWED<br>REFEREED JOURNAL  | ISSN 2231-0479<br><br>MUSIC & COVID .pdf   |
| 4.   | Legal Advocacy for all Genders in Media Practices: An Inclusive Approach for Future Social Work Profession                                     | Research Review<br>International of Multidisciplinary<br>Volume 8(3)<br>March 2023<br>Page 266-272<br><a href="https://doi.org/10.31305/rrijm.2023.v08.n03.033">https://doi.org/10.31305/rrijm.2023.v08.n03.033</a> | e-ISSN 2455-3085<br>Double-Blind Peer Reviewed/Refereed Journal<br><br><a href="#">266-272_RRIJM20230803033.pdf</a>                              |

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|     |  |   |   |
| 5.  | Music & Sports: An Absolute Chemistry  | Bhairavi<br>Volume 25(4) (2023)<br>Page 273-278   | ISSN 0975-5217<br>UGC-Care list (Group-I)<br>Peer Reviewed Refereed<br>Visual and Performing Arts<br>Research Journal gSA<br><br><a href="#">Bhairavi-25 (4).pdf</a>  |
| 6.  | Volunteerism, Crisis Management, and Intervention in Covid-19 pandemic: A case study of Jeevan Rakshika Initiative                     | Indian Journal of Development Research and Social Action<br>Volume 18(1): 45-56 (2022)  | ISSN No. <b>0973-3116</b><br><br><a href="#">M/S IJDRSA</a>   |
| 7.  | Understanding the Marginal Role of Women in Disaster Resilience in India   | International Journal on Arts, Management and Humanities 7(1): 151-155 (2018)           | ISSN No. 2319-5231<br><br>Understanding the Marginal Role of Women in Disaster Resilience in India pdf  |
| 8.  | Amelioration of Food Insecurity by Enhancing of the Quality Control and Socio-Economics aspects of Street Vended Foodstuffs in Delhi   | International Journal of Theoretical & Applied Sciences, 9(1): 74-76 (2017)             | ISSN No. (Print): 0975-1718<br>ISSN No. (Online): 2249-3247<br><br><a href="#">2 Amelioration of Food Insecurity by Enhancing of the Quality Control and Socio-Economics aspects of Street Vended Foodstuffs in Delhi .pdf</a>  |
| 9.  | Physicochemical Properties of Water and Soil Affecting the Socio Economic Conditions in Regions of National Capital Territory of Delhi | DU Journal of Undergraduate Research and Innovation (Volume 2, Issue 1 pp 109-115, 2016 | ISSN – 2395 - 2334<br><br><a href="#">3 DU JOURNAL J 1.12.pdf</a><br><br><a href="#">Physicochemical Properties of Water and Soil Affecting the Socio-Economic Conditions in Regions of National Capital Territory of Delhi</a> |
| 10. | Myth, Reality and Challenges of Higher Education   | International Journal of Education,   | ISSN – 2349-4549  |

|     |   |  |  |
|-----|---|--|--|
|     |   | Society and Development<br>(Volume-2, Issue - 4<br>(Jan-March,2016) pp. 8-14)  | <a href="#">9 10 IJESD_Jan to Mar 2016.pdf</a>   |
| 11. | Coping with Disasters in Shimla: A Multidisciplinary Approach   | International Journal of Education, Society and Development<br>(Volume-2, Issue - 4<br>(Jan-March,2016) pp. 15-26)   | ISSN – 2349-4549<br><br><a href="#">9 10 IJESD_Jan to Mar 2016.pdf</a>   |
| 12. | Accessing Global Climate Change: Extent and Effects   | International Journal of Research in Social Sciences (IJRSS)<br>(Volume 6, Issue 7 (July 2016))<br>pp. 160-173   | ISSN – 2249-2496<br><br><a href="#">IJMRA-9962.pdf</a>   |
| 13. | Cheminformatics: A Modern tool in Drug Discovery  | International J Scientific Research and Development, October 2015<br><br><a href="https://ijsrd.com/C_Article.php?manuscript=NCILP005">https://ijsrd.com/C_Article.php?manuscript=NCILP005</a> | ISSN 2321-0613   |
| 14. | Assimilated Exploration of Climate Change, Land-use Change and Environmental Degradation – a case study of Alwar Industrial area of Delhi-NCR | International Journal of Modern Trends in Engineering and Research (Volume 3, Issue 3<br>(April - 2016)<br>480-490   | ISSN: 2349-9745<br><br><a href="#">2 assimilated-exploration-of-climate-change-land-use-change-and-envir.pdf</a> |
| 15. | Desertification, Ecological Footprints and Land Use Change: A Case Study of National Capital Territory of Delhi                               | Applied Research Journal (Vol.1, Issue, 4, pp.288-295, June, 2015 )  | ISSN:<br>2423-4796<br><br><a href="#">8 ARJ-V.1n.4.288-295.pdf</a>   |
| 16. | E-Waste Management and Handling in Indian Context: Strategies And Urgent Measures   | PARIPEX – Indian Journal of Research<br>4(6), 89-91, 2015  | ISSN:<br>2250-1991<br><br><a href="#">PARIPEX June 2015 1435725672_29(1).pdf</a>                                 |

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| 17. | Application of Biological Adsorbent Materials for Removal of Harmful Inorganic Contaminants from Aqueous Media – An Overview                           | Current Trends in Technology and Sciences<br><i>Volume : 04, Issue : 01 (Dec.- Jan. 2015)</i><br>471-477   | ISSN: 2279-0535<br><a href="#">19 BIOSORBENT 462ctts-41201 vol-4 iss-1.pdf</a>  |
| 18. | Remediation Modeling Of Metal Contaminated Water And Soil Using Water Soluble Polymers – An Overview   | International Journal Advanced Research in Physical Sciences<br><i>Volume 2, Issue 2, February 2015, PP 27-33</i>  | ISSN 2349-7882<br><a href="#">20 WSP ISSN 2349-7874.pdf</a>   |
| 19. | Understanding The Chemical Metamorphosis of Yamuna River due to Pollution Load and Human Use   | International Research Journal of Environmental Sciences<br><i>Vol. 4(2), 58-63, February (2015)</i>   | ISSN : 2319 – 1414<br><a href="#">10 YAMUNA 12.ISCA-IRJEvS-2014-273.pdf</a>   |
| 20. | A Comparative Thermodynamic Study of Polyelectrolyte and Hydrogen bonded complexes In Aqueous and Mixed Solvents.                                      | Journal of Applied Physical Science International<br><i>Vol.: 2, Issue.: 1, Page 8-17</i>  | ISSN: 2348-0130<br><a href="#">22 SHARMA212014JAPSI481.pdf</a>  |
| 21. | Food Security and Ecological Degradation: Challenges and Opportunities for Inclusive Growth.   | <i>International Journal of Economics &amp; management studies</i><br>2014, 3:4<br><a href="http://dx.doi.org/10.4172/2162-6359.1000200">http://dx.doi.org/10.4172/2162-6359.1000200</a> | ISSN: 2162-6359<br><a href="#">25 food-security-and-ecological-degradation-challenges-and-opportunities-for-inclusive-growth-2162-6359.1000200.pdf</a>  |
| 22. | Heavy Metal ions levels and related physicochemical parameters in Soils in the vicinity of a Paper Industry Location in Nahan area of Himachal Pradesh | <i>Journal of Environmental &amp; Analytical Toxicology</i><br>(4:6<br><a href="http://dx.doi.org/10.4172/2161-0525.1000236">http://dx.doi.org/10.4172/2161-0525.1000236</a> ,<br>2014)  | ISSN: 2161-0525<br><a href="#">heavy-metal-ions-levels-and-related-physicochemical-parameters-in-soils-in-the-vicinity-of-a-paper-industry-location-in-nahan-area-of-himachal-pradesh-2161-0525.1000236.pdf</a> |
| 23. | Preconcentration and Remediation of Cadmium Ions   | <i>Advances in Pure and Applied Chemistry</i> , Vol. 1, No. 4, 2012, ISSN  | ISSN: 2167-0854   |

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|     | with Poly (Ethylene Imine) in Conjunction with Ultra - Filtration   | 2167-0854   | <a href="#">27_827-2230-1-PB(1).pdf</a>  |
| 24. | Nanomaterials in Life Sciences: An Overview   | <u>International Journal of NanoScience and Nanotechnology</u> 3(2), 111-120, 2012  | ISSN:0974-3081   |
| 25. | Equilibrium and Related Thermodynamic Studies Of Hydrogen Bonded Multicomponent Complex In Mixed Solvents                                     | International Journal of the Physical Sciences, 6(31), 7161-7165, 2011<br><a href="https://doi.org/10.5897/IJPS10.475">https://doi.org/10.5897/IJPS10.475</a> | ISSN<br>1992-1950<br><br><a href="#">30 document(1).pdf</a>  |
| 26. | Modeling Of Heavy Metal Mobility In Delhi Soils Before And After Remediation With Rock Phosphate Using Sequential Extraction, TCLP and PBET   | Asian Journal of Water, Environment and Pollution, <a href="#">Volume 8, Number 2 / 2011, 25-33</a>   | ISSN:<br>0972-9860<br><br><a href="#">ASIAN.iospress.com@asian-journal-of-water-environment-and-pollution@ajw8-2-05.pdf</a>  |
| 27. | Thermodynamic And Electrochemical And Spectral Studies of Some Multicomponent Complexes Involving Polyelectrolytes And Non Ionic Homopolymers | Macromolecules: An Indian Journal, 5(1-2),2009.   | ISSN:<br>0974-7478<br><br><a href="#">1 MACRO MOLECULES thermodynamic-and-electrochemical-and-spectral-studies-of-some-multicomponent-complexes-involving-polyelectrolytes-and-n.pdf</a> |
| 28. | Stability Constants and Related Thermodynamic Parameters of a Multicomponent Complex In Mixed Solvents.                                       | Alfa Universal An International Journal of Chemistry Vol 1 (2), 72-78 (2010)  | ISSN:<br>2229-4775<br><br><a href="#">33 ALFA Page 72-78,Dr. Mamta.V1(2).pdf</a>   |
| 29. | Chemical Immobilization of Lead in metal - Contaminated Soils of NCT of Delhi Using Rock Phosphate”   | International conference entitled Revolutions in Chemistry: Green Chemistry   | ITM Gurgaon, 2008  |
| 30. | Green approach of Chemical Immobilization of Lead in metal  | International Journal of Applied Chemistry (IJAC), Volume 5,  | ISSN:<br>0973-1792   |

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|     | - Contaminated Soils of NCT of Delhi Using Coal Fly Ash   | Number 2 (2009)<br>Pg-63-71<br><a href="https://dx.doi.org/10.37622/IJAC/5.2.2009.63-71">https://dx.doi.org/10.37622/IJAC/5.2.2009.63-71</a><br><br><a href="https://www.ripublication.com/Volume/ijacv5n2.htm">https://www.ripublication.com/Volume/ijacv5n2.htm</a> | <a href="#">CFA_IJAC V5 N2_01.pdf</a>  |
| 31. | Green approach of chemical immobilization of lead in metal -contaminated soils of NCT of Delhi using rock phosphate                   | Environmental Science : An Indian Journal, <i>Volume 4(5)</i> , 226-231, 2009<br><a href="https://www.tsijournals.com/journals/archive/tse-s-volume-4-issue-5-year-2009.html">https://www.tsijournals.com/journals/archive/tse-s-volume-4-issue-5-year-2009.html</a>  | ISSN (PRINT):<br>0974-7451<br><br><a href="#">7 226 FULL PAPER green-approach-of-chemical-immobilization-of-lead-in-metal--contaminated-soils-of-nct-of-delhi-using-rock-phosphate.pdf</a> |
| 32. | Green approach of Chemical Immobilization of Lead in metal - Contaminated Soils of NCT of Delhi Using Rock Phosphate and Coal Fly Ash | Environmental Science : An Indian Journal, <i>Volume 4(5)</i> , 220-225, 2009<br><a href="https://www.tsijournals.com/journals/archive/tse-s-volume-4-issue-5-year-2009.html">https://www.tsijournals.com/journals/archive/tse-s-volume-4-issue-5-year-2009.html</a>  | ISSN (PRINT):<br>0974-7451<br><br><a href="#">6 220 green-approach-of-chemical-immobilization-of-lead-inmetalcontaminated-soils-of-nct-of-delhi-using-rock-phosphate-and-coal.pdf</a>      |
| 33. | Indecent Representation of Women in Media   | National Seminar on "Globalization and Women"   | ABVP, Vidhyarthi Seva Samiti, Hyderabad  |
| 34. | Thermodynamic and electrochemical study of multicomponent polymer complexes of varying composition                                    | e-Polymers, 067, 2005<br><a href="https://doi.org/10.1515/e-poly.2005.5.1.706">https://doi.org/10.1515/e-poly.2005.5.1.706</a>  | ISSN:<br>1618-7229<br><br><a href="#">11 [16187229 - e-Polymers] Thermodynamic and electrochemical study of multicomponent polymer complexes of varying composition.pdf</a>                |
| 35. | Thermodynamical study on the formation of some bivalent metal complexes of biologically active N,N'-di-p-tolyl-5-nitro-2-thiobar      | Thermochemica Acta, 255, 371-378 (1995)<br><a href="https://doi.org/10.1016/0040-6031(94)02136-C">https://doi.org/10.1016/0040-6031(94)02136-C</a>  | ISSN:<br>0040-6031   |

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|     | bituric acid (DTNTBA) in aqueous solutions   |   | <a href="#">THERMOCHIMICA</a><br><a href="#">1-s2.0-004060319402136</a><br><a href="#">C-main.pdf</a>  |
| 36. | Stability constants and related thermodynamic parameters of some quaternary intermacromolecular complexes involving polyelectrolytes and nonionic homopolymers | <i>J. Macromol. Sc.</i><br><i>A32(1)</i> , 157-167 (1995)<br><br><a href="https://doi.org/10.1080/10601329508011071">https://doi.org/10.1080/10601329508011071</a>                                | ISSN:1060-1325<br><br><a href="#">JMS chatterjee1995.pdf</a>   |
| 37. | Thermodynamic studies of some complexation systems involving Methacrylic acid – acrylamide copolymer, Poly(vinyl Pyrrolidone) and Poly (Ethylene Oxide)        | <i>J. Polym. Sci:Part A: Polymer Chemistry. Vol.</i><br><i>32</i> , 1169-1174 (1994)<br><br><a href="https://doi.org/10.1002/pola.1994.080320619">https://doi.org/10.1002/pola.1994.080320619</a> | ISSN:1099-0518<br><br><a href="#">JPS</a><br><a href="#">pola.1994.080320619.pdf</a>   |
| 38. | Thermodynamic studies on some copolymer-homopolymer-polyelectrolyte interactions   | <i>Polymer</i> Vol. 33, 17 (1992)<br><br><a href="https://doi.org/10.1016/0032-3861(92)90672-J">https://doi.org/10.1016/0032-3861(92)90672-J</a>  | ISSN:0032-3861<br><br><a href="#">POLYMER</a><br><a href="#">1-s2.0-003238619290672</a><br><a href="#">J-main.pdf</a>                                    |
| 39. | Thermodynamic studies on interpolymer interactions and stability of polycomplexes  | <i>Die Angewandte Makromol. Chemie</i> 226 13-22 (1995)<br><br><a href="https://doi.org/10.1002/apmc.1995.052260102">https://doi.org/10.1002/apmc.1995.052260102</a>                              | ISSN:0003-3146<br><br><a href="#">DIE ANGW</a><br><a href="#">apmc.1995.052260102.pdf</a>  |
| 40. | Phenolic copolymer/polyelectrolyte/non-ionic homopolymer interactions: thermodynamic and electrochemical studies in dimethylformamide/ water mixtures          | Macromol. Chem. Phy. 197, 911-920 (1996)<br><br><a href="https://doi.org/10.1002/macp.1996.021970313">https://doi.org/10.1002/macp.1996.021970313</a>   | ISSN:1022-1352<br><br><a href="#">JPS</a><br><a href="#">pola.1994.080320619.pdf</a>   |
| 41. | Thermodynamic parameters of some multicomponent intermacromolecular complexes in relation to their structure and composition                                   | Polymer Bulletin 30, 75-81 (1993)<br><br><a href="https://doi.org/10.1007/BF00296237">https://doi.org/10.1007/BF00296237</a>  | ISSN: 1436-2449<br><br><a href="#">POLYMER</a><br><a href="#">BULLETINChatterjee1993</a><br><a href="#">_Article_Thermodynamic_ParametersOfSomeM.pdf</a> |

## Books Published

### Books

| S.No. | Book Title  | Publisher                   | ISBN NO.          |
|-------|---|-----------------------------|-------------------|
| 1.    | Unfolding the potentials of Women and Girls including Children - Sabka Sath Sabka Vikas perspective | Ane Books Pvt. Ltd.         | 978-81-316-1137-1 |
| 2.    | Higher Education Management   | Ane Books Pvt. Ltd.         | 978-93-89212-66-2 |
| 3.    | Concepts of Education Management  | Ane Books Pvt. Ltd.         | 978-93-8676-163-7 |
| 4.    | Physical Chemistry  | WorldView Publishers (2006) | 81-8642-330-3     |

### Chapters in books

- Chapter entitles “Coastal Resilience and Urbanization Challenges in India” Springer Nature Singapore Pte Ltd. 2023; A. Singh (ed.), International Handbook of Disaster Research, [https://doi.org/10.1007/978-981-16-8800-3\\_27-1](https://doi.org/10.1007/978-981-16-8800-3_27-1)
- Chapter entitled "Diversification and Mechanization of Agriculture in the Himachal Himalaya " in edited book 'Smart Agriculture - Ancient Wisdom and Modern Technology" published by Rawat Publications with ISBN No. 978-81-316-1137-1
- Chapter entitled "Digital Technology Empowering Women" in Edited Print and Audio Book entitled "Unfolding the potentials of Women and Girls including Children - Sabka Sath Sabka Vikas perspective " Ane Books Pvt. Ltd. 978-81-316-1137-1
- Chapter entitled “Environmental pollution by Heavy Metal ions: Lead and Cadmium & its Effects” published by Biotech Books (2011) with ISBN no. 13:9788176222389

## Conference Organization/ Presentations

### As Convener

1. Co-Convener for Short Term Course on Academic Leadership Program entitled “Implementation of NEP-2020” from 7-9th March, 2022 organized by CPDHE, Delhi
2. Chairperson for FDP jointly organized by Aditi Mahavidhyalaya and Mahatma Hans Raj Faculty Development centre, Hansraj College, University of Delhi, on "NEP 2020: Implication and Challenges” organized from Sept 6 to 11, 2021

3. **Chairperson** for **FDP** jointly organized by Aditi Mahavidhyalaya, International Women Club and Guru Angad Dev Teaching Learning Centre (A Centre of MHRD under PMMMNMTT from 16<sup>th</sup> October, 2020 – 22<sup>nd</sup> October, 2020 on Disaster Management.
4. Short Term Course on **Gender Sensitization** organized by Centre for Professional Development in Higher Education (CPDHE) UGC-HRDC, University of Delhi from: 13<sup>th</sup> February – 19<sup>th</sup> February, 2020.
5. UGC funded Conference entitled “ **Recent Advances in Chemical Sciences towards Green and Sustainable Environment – Swachh Bharat Abhiyan Perspective**” on 10<sup>th</sup>-11<sup>th</sup> October, 2017 at Aditi Mahavidyalaya, Bawana
6. UGC funded Conference entitled “ **Climate Change and Disaster Risk Reduction in Urban Systems**” on 26<sup>th</sup> March, 2018 at Aditi Mahavidyalaya, Bawana
7. UGC funded Conference entitled “**E-waste Management and Swachh Bharat Mission**” on 10<sup>th</sup> April, 2019 at Department of Environmental Studies, University of Delhi, Delhi-110007.
8. UGC funded Conference entitled “**Revamping Higher Education for Girls in India by exploring possibilities through traditional and innovative Teaching Techniques-Beti Bachao Beti Padhao Perspective**” on 28<sup>th</sup> August, 2019 at CPDHE, University of Delhi, Delhi-110007.
9. UGC and ICSSR funded Conference entitled “**Indian Value systems in Indian Family**” on 15<sup>th</sup> and 16<sup>th</sup> November, 2019 in collaboration with Bhartiya Shikshan Mandal and Vishwagram at IGNCA
10. UGC funded Conference entitled “**Water scarcity and sustainability: A Jal Abhiyan Perspective**” organized on 09.03.2021)
11. UGC funded Conference entitled “**Unfolding the Potentials of Women including Girls and Children thereby enhancing the benefits exponentially for one and all – Sabka Sath Sabka Vikas**” organized on 27.03.2021)
12. **Conference Chair in the ICSSR sponsored International conference entitled " India as Global Leader in Peace Building" at Bhartya Vidhya Bhawan on 27th June, 2022.**

### As invited Speaker

1. Resource Person in online National Faculty Induction Program on “Sustainable Development Goals through the Gender Lens” organized by GAD Teaching learning Centre, SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 25<sup>th</sup> February, 2023-27<sup>th</sup> March, 2023
2. Resource Person in Refresher Course on “Skill Development in India: Needs, Challenges and Prospects (RC-14-22) at UGC Human Resource Development Centre, Doctor Harisingh Gour Vishwavidyalaya Sagar, Madhya Pradesh from 04.01.2023 to 17.01.2023; Title of the lecture "नई शिक्षा नीति : आत्मनिर्भर भारत की मजबूत बुनियाद एवं कौशल भारत”
3. Resource Person in Short Term Course on 'NEP 2020: Blending the indigenous knowledge with Modernity' at UGC Human Resource Development Centre, Doctor Harisingh Gour Vishwavidyalaya Sagar, Madhya Pradesh from 08.11.2021 to 13.11.2021; Title of the lecture "Holistic and Multidisciplinary Education: A new Approach of Higher Education System in NEP 2020"
4. Resource Person at International conference organized by Psalm Educational Trust on the occasion of International Women's Day "Empowering Women through Education - NEP2020 perspective"
5. Invited lecture at Janki Devi Memorial College in collaboration with Shiksha Sanskriti Uthan Nyas on “PARYAVARAN AUR MAHILAYEN” on 23<sup>rd</sup> March, 2021. (Online)
6. Invited lecture on *Nayi Shiksha Neeti mein Paryavaran* organized by Shiksha Sanskriti Uthan Nyas, Delhi on 2<sup>nd</sup> November, 2020.
7. Chaired the session on Sustainable Computing 17-19<sup>th</sup> March, 2021 during INDIACom-2021; 15<sup>th</sup> INDIACom and 8<sup>th</sup> International Conference on “Computing for Sustainable Global Development” organized by BVICAM (IEEE Conference ID: 51348)
8. Distinguished Guest and presented in the workshop entitled “**Importance of First Responder and their roles and responsibility in curbing Domestic Violence**” jointly organized by Aditi Mahavidhyalaya, Centre for Women Policy Research and Advait on 06<sup>th</sup> August, 2020 (Online)
9. Presented an invited talk on “Challenges and Opportunities Before Youth in Access to Education in Changing Scenario” as distinguished Speaker in the Webinar entitled “Role and Responsibility of Youth in Response of COVID-19” organized by Vishwa Yuva Kendra on 06<sup>th</sup> June, 2020 (Online)

### As presenter

1. Presented a paper entitled “Raising Financially Responsible Children: Strategies For Inculcating Good Financial Habits” in the Scientific Research and Innovation Congress on 20-21st May 2023 online Ankara/Turkey.
2. Presented paper entitled “पर्यावरण संरक्षण में महिलाओं की भूमिका” in the International Conference on Multidisciplinary Aspects
3. of Human Rights and the Environment - 2023 organized on 18-20th January, 2023 by Govt. Maharani Sudershan College for Women, Bikaner and Raj Rishi Govt. Autonomous College, Alwar, Rajasthan.
4. Presented online paper entitled “Empowering Pre-Schoolers as Champions of the Environment” by International Science and Research Centre in .INTERNATIONAL GÖBEKLİTEPE SCIENTIFIC STUDIES CONGRESS 06-07 MAY 2023/ ŞANLIURFA on 6-7th May, 2023
5. Presented a paper entitled “The Emergence of Helplines as Innovative and Effective Tools during Covid-19 and Beyond” in the National Conference on “Local Governance in India @ 75: Issues, Challenges and Contemporary Developments” organized by Centre for the Study of Law and Governance, Jawaharlal Nehru University on 25-26th March, 2023
6. Presented a paper entitled “NEP 2020: Paving the way for Global Education ventures” in the International Conference on “Emerging Trends in Higher Education” organized by NTPC Group of Colleges and UK Awards, United Kingdom and GAD Teaching learning Centre, SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 28-29th March, 2023
7. Presented a paper entitled “Hybrid Learning: An Innovative Approach to Education” in the National Education Conclave organized by Hansraj College, University of Delhi on 23-24th March, 2023 at Vigyan Bhawan, New Delhi
8. Presented a paper entitled “Significance of Cultural Practices and Rituals embedded in Indian Knowledge Systems” in the National Conference on Knowledge, Cultural Traditions and Practices in India organized by Gurukul Kangri (Deemed to be university) Haridwar from 29-31st March 2023
9. Presented a paper entitled “The Emergence of PPP as an Innovative Venture in Higher Education” in the national Seminar on Innovation in Higher Education through Public Private Partnership organized by Cluster Innovation Center, University of Delhi at Conference Centre from 13-15th March, 2023
10. Presented a paper entitled “Effective Strategies To Achieve Learning Outcomes During Foundational Years Of Learning” in the National Conference on National Education Policy 2020 Jointly Organised by the Centre for Teacher Education, (Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching (PMMMNMTT) Ministry of Education, Government of India) of The Central Institute of Higher Tibetan Studies, Deemed University Sarnath, Varanasi, Teaching Learning Centre, National Institute of Technical Teachers’ Training & Research, Bhopal, Dr.B.R. Ambedkar National Law University, Sonapat, Indian Social Responsibility Network (ISRN) & Droit Penale Group: A Unit of Arjun Das Gulati Memorial Society, Prayagraj on 30th & 31st July 2022.
11. Presented a paper entitled “Impact of N-COVID-19 on Higher Education of Women” in UGC funded Conference entitled “Unfolding the Potentials of Women including Girls and Children thereby enhancing the benefits exponentially for one and all – Sabka Sath Sabka Vikas” organized on 27.03.2021 by Aditi Mahavidyalaya, University of Delhi
12. Presented a paper entitled “Digital Technology Empowering Women” in UGC funded Conference entitled “Unfolding the Potentials of Women including Girls and Children thereby enhancing the benefits exponentially for one and all – Sabka Sath Sabka Vikas” organized on 27.03.2021 by Aditi Mahavidyalaya, University of Delhi
13. Presented a paper on “Water and Economics” in UGC funded Conference entitled “Water scarcity and sustainability: A Jal Abhiyan Perspective” organized on 09.03.2021 by Aditi Mahavidyalaya, University of Delhi
14. Presented a paper on “Large Scale Dams: Do we really need them - A quest Environmentally Sustainable Alternative” in UGC funded Conference entitled “Water scarcity and sustainability: A Jal Abhiyan Perspective” organized on 09.03.2021 by Aditi Mahavidyalaya, University of Delhi
15. Presented a paper on “Impact of Water on Women and Child Health” in UGC funded Conference entitled “Water scarcity and sustainability: A Jal Abhiyan Perspective” organized on 09.03.2021 by Aditi Mahavidyalaya, University of Delhi
16. Presented online a paper entitled “Role of National education Policy 2020 in Women’s Empowerment” organized by International World Women Conference-V by Baku Girls University, Azerbaijan on 07-08th March, 2023
17. Presented online a paper entitled “Single Women in India: Quality of Life, Challenges and Future Ahead” organized by International World Women Conference-V by Baku Girls University, Azerbaijan on 07-08th March, 2023
18. Presented online paper entitled “Impact of Spirituality and Religion on mental Health in International Social Science and Innovation Congress on 25-26th February, Turkey
19. Panelist in panel discussion entitled “High Flyers need Strong Wings” in two days webinar entitled Career Management Practices during Pandemic” organized by Empathy, Psychology Association of Aditi mahavidyalaya on 04-05th December, 2020

### **Courses completed**

1. Two week online training entitled “Demystifying Water and Waste Data for Communication and Action” organized by School of Environmental Communications, Centre for Science and Environment from July, 29th to August, 14 2022.

2. **One week FDP entitled “Education in 21st Century: Implementing NEP 2020 for Quality Education in HEIs” organized by GAD Teaching learning Centre, SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 09th to 16th August, 2022**
3. **UGC Approved Short Term Professional Development Program on “Implementation of NEP-2020 for University and College Teachers” organized by IGNOU-STRIDE under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 09-17th September, 2022**
4. **Two week Faculty Development Program on “Blended Learning - Alternative Dimension” by Ramanujan Teaching Learning Centre under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 12-29th January, 2021**
5. Completed One-Week Online National Faculty Development Program from 11th June to 17th June 2022 on Empowering Teachers for Excellence in Higher Education in India in the 21st Century: NEP-2020 and the Quality in Higher Education (in Hindi) organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education.
6. One week Faculty Development program on “Basics of Research Methodology and Issues in Plagiarism (An Interdisciplinary Approach)” GAD Teaching learning Centre, SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 31st May-06th June, 2022
7. One week Leadership Development Program on “Building Academic Leaders for the 21st Century Higher Education” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education from 14th April to 28 April 2022
8. National level workshop on “Multimedia enriched Presentation and Graphic Tools” organized by SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 10-12th November, 2021 to complete 12 hours in-service Continuous Professional Development desired as per NEP-2020
9. National level workshop on “Word and Excel” organized by SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 17-18th November, 2021 to complete 06 hours in-service Continuous Professional Development desired as per NEP-2020
10. One week online Training Workshop on “Developing Administrative Skills and Leadership” organized by Shyam Lal College and Mahatma Hansraj Faculty Development Centre under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT) of Ministry of Education from 25th September, 2021 to 1st October, 2021
11. One week online course on “Advanced Nanostructured Materials for Sustainable Energy and Environmental Remediation - Tiny Particles, Big Effect” by Department of Chemical Engineering and Department of Chemistry, Malviya National Institute of Technology, Jaipur, Rajasthan, from 18.12.20 to 22.12.2020

#### Research Projects (Major Grants/Research Collaboration)

- 2015-2016 **Principal investigator** University of Delhi funded Innovative Project on ‘*Psychological, Commercial and Legal Fight of Aged Consumers for Consumer Rights: A Self-Help Group Technique*’
- 2011-2014 **Principal investigator** UGC (University Grant Commission) funded project ‘*Remediation Modeling of Metal contaminated water and Soil using Novel water soluble Polymers as a Green Technology*’ start: 1.2.2011 to 31. 1. 2014
- 2012-2013 **Principal investigator** University of Delhi funded Innovative Project on ‘*Chemical metamorphosis of soil and water due to industrialization in the Himachal Pradesh*’ Start: 15.5.2012 to 14.7.2013
- 2013-2015 **Principal investigator** University of Delhi funded Innovative Project on “*Understanding the Desertification and related socio-economic scenario of National Capital Region of Delhi*” 01.12.2013 to 31.03.2015.
- 2007- 2009 **Principal investigator** DST funded project entitled, “*Monitoring, Characterization & Remediation of Metal ions in Delhi Soils using Green Approach*” start: 17.8.2007 to 16.8.2009.

#### Awards and Distinctions

1. Received the National Environmental Education and Awareness Award to be presented to Aditi College in NCR during the 44th Foundation Day of the Indian Institute of Ecology and Environment on 5th June 2023 (World Environment Day) at India International Centre.
2. Awarded for contribution in Higher Education by Her Excellency Ms Mateja Vodeb Ghosh, Ambassador of Slovenia to India in the Indo-Slovenia Intellectual Dialogue -2023, held on 16th May, 2023 at the India International Centre, New Delhi, India.

3. Letter of Appreciation MHRD/GOI/NISR//2022-23/1101 dated 10.05.2023 from MGNCRE- MoE- GoI- Appreciation Letter/2022-23: Reg Achievements in Sustainable Parameters.
4. Awarded by Dr Kalam Leadership Excellence Award by DKIF and Sushant University Gurugram on 09.04.2023
5. Certificate of Appreciation in recognition of outstanding contribution in the field of Education by Zee Hindustan on 19th October, 2022
6. Certificate of recognition by Learning Link Foundation for support in conducting a 30 Hr e-course on “Women in Data” from 17th September, 2022 to 16th October, 2022
7. Presented with Dr APJ Abdul Kalam award as Best Principal organized by Genius Brain and HRD mission on 20th November, 2022
8. Certificate of recognition by SAKSHI (Equality in Inclusiveness) under their project RAKSHIN to #StopChildSexualAbuse in the webinar dated 09/11/2022 by NSS under Ministry of Youth Affairs and Sports
9. Certificate of Recognition for organizing Blood donation Camp by Blood Connect for support for Blood Sufficient India
10. Felicitated by "**Sashakt Mahila Samman**" by Bharat Vikas Parishad on 10th July, 2022 at NDMC Convention Centre, Sansad Marg
11. Certificate of Appreciation by MGNCRE **for promotion of Geen Activities** on the occasion of World Environment Day - 2022.
12. Felicitated for outstanding service and dedication in fighting against COVID-19 Pandemic by the Office of Integrated District Health Society, North, Delhi-110035.
13. Felicitated with **Asian Education Awards - Outstanding Leadership Principal** of the year at the AEA Conference-2022 organized by KitesKraftProductions.
14. Felicitated by Green Thinkerz Society with **INTERNATIONAL EDUCATOR AWARD 2021**
15. Felicitated by the Pro Vice Chancellor on the occasion of Platinum Jubilee celebrations of Department of Department of Library and Information Science on 13th December, 2021.
16. Felicitated by Sh Vijay Sampla, Chairperson, National Commission of Scheduled Caste on 29<sup>th</sup> October, 2021 at Hansraj College.
17. Felicitated by Indian Academy of Pediatrics on the occasion of National Daughter Day on 26<sup>th</sup> September, 2021 at RML Auditorium
18. Felicitated with Academic Excellence Award 2021 by Zee Hindustan on 19th September, 2021 at The Taj, New Delhi
19. Felicitated with **DR SARVEPALLI RADHAKRISHNAN DISTINGUISHED ACADEMIC LEADER AWARD 2021** in appreciation of the dedication and commitment in Teaching and Research by Centre for Professional Advancement on the occasion of Teacher’s Day, 5th September, 2021 (Online)
20. Awarded by **Stree Shree-2020 award** for contribution towards Women Empowerment organized by Adhyan Evam Anusandhan Peeth, Bharat.
21. Felicitated by International Women Club (Eswatini and Indian Chapter) for “**Administration and Higher Education**” on 15<sup>th</sup> November, 2020 (Online)
22. Received Certificate of Honor by India International Intellectual Society (IIS) in recognition of valuable contribution in the field of Higher Education in ‘**International Excellence in Service Awards-2020**’ held on 18<sup>th</sup> October, 2020 (Online)
23. Distinguished Guest and presented in the workshop entitled “**Importance of First Responder and their roles and responsibility in curbing Domestic Violence**” jointly organized by Aditi Mahavidhyalaya, Centre for Women Policy Research and Advait on 06<sup>th</sup> August, 2020 (Online)
24. Felicitated by Honb’le Minister of Human Resource Development Sh Ramesh Pokhriyal on 06<sup>th</sup> March, 2020 on occasion of International Women’s Day.
25. Received **Certificate of Honour** from Prof Rejendrakumar Anayath, Vice Chancellor, DCRUST University, Murthal for remarkable contribution in the field of Disaster Preparedness and Sustainable Development at various levels on 21<sup>st</sup> January, 2020 at Swami Shraddhanand College, University of Delhi.
26. Received “**Icon of Higher Education Award-2019**” by International Development Center Foundation from Rajya Sabha MP Sh Vijay Singh Tomar at India International Centre on 20<sup>th</sup> December, 2019.
27. Received “**Outstanding Educator of the Year Award**” from Viklang Sahara Samiti Delhi for service towards Persons with Disability sector on 15<sup>th</sup> December, 2019.
28. Received **Certificate of Felicitations at National Academic Excellence Awards** ceremony-2019 hosted by Delhi Intellectual Society at International Guest House, University of Delhi, on 24<sup>th</sup> November, 2019.
29. Guest of Honor on YWCA Founder’s Day on 25<sup>th</sup> October, 2019.
30. Honored and felicitated with Pt. Deen Dayal Upadhyay Excellence Award 2019 by Deen Dayal Upadhyaya Smriti Manch for **Excellence in administration and for being proactive for environment and Women Empowerment** issues on 25<sup>th</sup> September, 2019.
31. Honored and felicitated by Her Excellency Katarina Tomkova, Deputy Chief of Mission, Embassy of the Slovak Republic in India for **remarkable contribution in the field of Rural Girls at state and national levels** organized by Delhi Women’s Club 26<sup>th</sup> April, 2019

32. Session Chair at UGC funded conference entitled "Impact of Sports on the Lifestyle of Youth" at Laxmi Bai College on 27<sup>th</sup> and 28<sup>th</sup> March, 2019.
33. Honored by **Vishwa Yuva Kendra** on the occasion of International Women's Day 2019.
34. Session Chair at International conference on "Olympics and Indian Values in Global Context" organized by Kirori Mal College on 25-27<sup>th</sup> September, 2018.
35. Honored and felicitated by **Her Excellency Katarina Tomkova, Deputy Chief of Mission, Embassy of the Slovak Republic in India for Disaster Preparedness at local, state and national levels** organized by International Women's Club on 20<sup>th</sup> September, 2019
36. Honored by the **Government of Sikkim for promotion of cultural exchange with the north east**, and also received a letter of appreciation from M.H.R.D. government of India for the same.
37. Honored by Medecins Sans Frontieres and Umeed Ki Kiran on occasion of International Women's Day 2018
38. Honored on behalf of the college with '**Plastic Free College of the Year**' on World Environment Day by Indian Institute of Ecology and Environment and NICER, on 5th June, 2018.
39. Facilitated and delivered vote of thanks as Vice President of NTFDM for the International conference organised jointly by NTFDM and Kingmeads School, England.
40. Honored with '**Lifetime Achievement Award**' on occasion of United Nation Teacher's Day by Confederation of Indian Universities CIU, The Educational Standards and Testing Council of India, National Institute of Cleanliness, Education and Research NICER, IIEE, on 5th October, 2018.
41. Honored with **World Award for Value Education** in the Spiritual and Value Education Summit at India International Centre, Lodhi Road, on 13th March, 2019.
42. Awarded by Delhi Public Library, Ministry of Culture, Govt. of India for **exemplary work on Swachh Bharat Abhiyan**, Dream project of Prime Minister. 21<sup>st</sup> February, 2019
43. Guest of Honor and panelist on '**Digital India**' event at **INDIACOM-2018** at Computer Application and Management on 15<sup>th</sup> March, 2018.
44. Honored with **Girl Centric Tertiary Education and Training Award** by **Women's Agency for Generating Employment** at India International Centre on International Women's Day on 8<sup>th</sup> March, 2018.
45. Special Guest of Honor at **Betiyan Padhao- Srishthi Sajao** Award function 2018 at MA College by Betiyaan Foundation and Light of Nation
46. Honored by MHRD, Govt. of Sikkim for promoting **Cultural Exchange with North East**
47. Honored with **Alumni Achiever Award** by **NC Jindal Public School**
48. Recipient of '**Bharat Ratna Dr. A.P.J. Abdul Kalam Gold Medal**' for outstanding contribution to research from Global Economic Progress & Research Association
49. Best Principal By International Association of Educators for World Peace on 28<sup>th</sup>-29<sup>th</sup> March, 2018 at India International Centre, Lodhi Road
50. Guest of Honour at National Workshop on **Disaster Crisis Management, Basic Life Support and Emergency First Aid** at International Guest House, University of Delhi, Delhi-110007
51. Guest of Honour at National Workshop on **Climate Change, Spatial Technology and Disaster Mitigation** at Swami Shradhdhanand College, University of Delhi on 16/02/2017
52. Approved Guide for PhD Programme in University of Delhi
53. Approved Adjunct Faculty/Guide/Supervisor for PhD programme in Shri Jagdishprasad Jhabarmal Tibrewala University Reg No.: JJT/2K9/SC/1995
54. Honored by **International Women's Club** by Czech Ambassador **Mr Milan Hovorka** for remarkable contribution in education to rural girls on 30<sup>th</sup> March, 2017.
55. Vice President **National Task Force for Disaster Management.**
56. Recipient of 32<sup>nd</sup> Dr S. Radhakrishnan Memorial National Teachers Award-2016 in a function held on 4th September, 2016 in Constitution Club, New Delhi-110001
57. Best Display Award at Antardhwani 2014-15 by University of Delhi for Innovation Project KMC-204
58. Honored by **All India Foundation For Peace and Disaster Management** for Environmental Management Awareness
59. Recipient of "**Science Meritorious Award**" *third position in M. Sc.*
60. CSIR-UGC National Level Test For fellowship and Eligibility of Lectureship (NET)
61. Recipient of "**Silver Jubilee Scholarship**" Miranda House, 1988, 7<sup>th</sup> March

#### Association With Professional Bodies

1. **Membership Bhartiya Shikshak Mandal**
2. **Annual Member Center for Professional Advancement**
3. **Life time Membership of International Union of Pure and Applied Chemistry (IUPAC)**
4. **Life time Membership of Indian Society of Analytical Chemists (ISAS).**
5. **Life member of Green Chemistry Network.**
6. **Indian Institute of Metals (IIM) Membership no. 002 LM01 57630**
7. **International Association of Engineers (IAENG) Membership no. 174966**
8. **Indian Climate Research Network (ICRN)**

9. **Indian Science Congress Membership no. L38249**
10. **Membership of Centre for Education Growth and Research (CEGR) LT1023**
11. **Membership 'Thematic Committee on Infrastructure and Green Initiatives' under Centenary Year celebrations in 2022**
12. **Membership Centenary Village Committee**
13. **Membership Chanakya Thematic Committee**
14. **Membership All India Management Association**
15. **Lifetime Membership of Vishwa Yuva Kendra**
16. **Life Time Member of International Institute of Organized Research Membership no. I2OR/2020/00860 ; Registered as MSME under Ministry of MSME (UDYAM-PB-20-0002405)**
17. **Member of Innovation club @ Regional Centre Delhi-2 under IGNOU**
18. **Member, Asian Council of Science Editors**

#### Other Activities

1. **Participated in Academic Leadership Alignment Program, NEP Implementation Pathway Services organized by Bhartiya Shikshak Mandal, Research for Resurgence Foundation and AICTE from 13-14th September, 2022.**
2. **POSH Certified trainer after completion of Certificate Course (Certificate no. SD/355/JAN/WK-062) by SkillDeck-Upskilling Professionals (ISO 9001:2015 certified organization and is recognized by the Government of India under the DIPP program)**
3. **Certificate Course in Complete Leadership (Certificate no. SD/962/MAY/WK-0363) by SkillDeck-Upskilling Professionals (ISO 9001:2015 certified organization and is recognized by the Government of India under the DIPP program)**
4. **Aditi Mahavidhyalaya became the first College in University of Delhi to start Sanitary Napkin Vending machine in the college.**

*Manita Sharma.*