



Miranda House

UNIVERSITY OF DELHI

Name: Dr. Ritu Ahlawat

Department: Geography

Current Designation: Professor

Email id: ritu.ahlawat@mirandahouse.ac.in

Academic Qualifications:

M.A. in Geography, Department of Geography, University of Delhi (1996) with 1st position in University

B.A. (Honours) in Geography, Miranda House, University of Delhi (1994) with 2nd position in University

Research Degree(s):

Ph.D (University of Delhi) 2007; Thesis title: “Hydrological data network analysis for water resource planning in Lower Yamuna Basin: A case study of Betwa river catchment”

M.Phil (University of Delhi) 1999 Dissertation title: “Water Resource Potential and Utilisation in Bundelkhand”

Field of Specialization under the Subject/Discipline: Water Resources

Total Teaching Experience: 24 years

Teaching at Miranda House since: 16-10-1998

List of Publications:

A) Research Papers in Peer-Reviewed Journals with ISSN numbers:

1. Ahlawat, R. (2015 & 2016) ‘Probability and Error in Estimation of Rainfall’, *Hydrology Journal*, 38(1–4), pp. 1–12. (ISSN: 0971-569X)
2. Ahlawat, R. (2014e) ‘Geostatistical Approach in Spatial Estimates of Rainfall: Betwa River Catchment’, *International Journal of Advancement in Remote Sensing, GIS and Geography*, 2(1), pp. 45–61. <https://doi.org/10.5281/zenodo.4393541>



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3. Ahlawat, R. (2014a) 'Hydrological Data Network Modelling Using Artificial Neural Network in Betwa Catchment', *International Journal of Soft Computing and Engineering (IJSCE)*, 3(6), pp. 132–134. (ISSN: 2231-2307) <http://ijsce.org/attachments/File/v3i6/F2019013614.pdf>
4. Ahlawat, R. (2014b) 'Seasonal Monitoring using Harmonic Analysis of Water Quality in Lower Yamuna Basin', *Universal Journal of Environmental Research and Technology*, 4(1), pp. 12–24. (eISSN 2249 - 0256) <https://www.environmentaljournal.org/4-1/ujert-4-1-2.pdf>
5. Ahlawat, R. (2014d) 'Use of GIS in optimal spatial network of hydrological data in Betwa river catchment', *International Journal of Geomatics and Geosciences*, 4(4), pp. 646–660. (eISSN 0976–4380) <https://zenodo.org/record/5511732>
6. Ahlawat, R. (2014e) 'Catchment Pollution Potential and Pattern of Ground Water Quality', *Journal of Water Resource Engineering and Management*, 1(2), pp. 19–27. (ISSN: 2349-4336) <http://engineeringjournals.stmjournals.in/index.php/JoWREM/article/view/1788>
7. Ahlawat, R. (2014f) 'Pixel-Wise Surface Water Balance Computation: Lower Yamuna Basin', *International Journal of Advanced Remote Sensing and GIS*, 3(1), pp. 627–641. (ISSN 2320–0243) <https://doi.org/10.5281/zenodo.4393761>
8. Ahlawat, R. (2010) 'Space-Time Variation in Rainfall and Runoff: Upper Betwa Catchment', *Open Science Index*, 47(10), pp. 612–618. <https://dx.doi.org/10.5281/zenodo.1332103>. (Scopus Author ID: 36805502800)
9. Ahlawat, R. (2000) 'Hydrological Regions in the Bundelkhand: The Catchment of Betwa and Ken Rivers', *Annals of the National Association of Geographers, India*, XX(2), pp. 27–50. (ISSN: 0970-972X)
10. Ahlawat, R. and Thakur, B. (1999) 'An Optimum Assessment of Rainfall Data in the Catchments of Betwa and Ken Rivers: The Southern Yamuna System (Bundelkhand Region)', *Annals of the National Association of Geographers, India*, XIX (2), pp. 72–102. (ISSN: 0970-972X)

Research Paper in Conference Proceedings/book with ISBN numbers:

11. Ahlawat, R. 'Morphometry and Network of Hydrological Stations: Betwa River Catchment', in Nandeshwar, M. D., Centre for Water Resources Development and Management (Calicut, India) and National Association of Geographers, India (eds) (2013) *Sustainable natural resources management under changing climatic scenarios: proceedings of the 3rd International Geography Congress, May 2011, CWRDM, Kozhikode. International Geography Congress*, New Delhi: Allied Publishers, pp. 146–152. (ISBN: 987-81-8424-774-9)



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Other Publications:

12. Ahlawat, R. 'E-Learning in Land Record Information System in India', in Groenendijk, E. M. C. and Lemmen, C. H. J. (eds) (2008) *Sharing good practices: e-learning in surveying, geo-information sciences and land administration, proceedings FIG International Workshop 11-13 June 2008 ITC, Enschede The Netherlands*. Enschede: ITC. (ISBN: 9789061642718) Available at: https://fig.net/resources/proceedings/2008/enschede_2008_comm2/Papers%20for%20proceedings/Ahlawat.pdf.
13. Ahlawat, R. (2014) 'Optimality of Groundwater Data Network in Betwa River Catchment', *Journal of Geography*, 1(4), pp. 1–13. (ISSN 2349–5367) www.researchjournali.com/pdf/709.pdf

Educational Resource Material Developed:

- IGNOU **e-content writer** Unit-18 (Tides and Currents) and material published online (2019) for B.Sc (Geog) <http://egyankosh.ac.in/handle/123456789/57508>
- "Concept of Natural Systems in Physical Geography" *Association for Geographical Studies*, Study Material Series, 2013, Paper–VII, pp. http://ags.geography.du.ac.in/Study%20Materials_files/Ritu%20Ahlawat_MH.pdf

Research Projects:

Completed UGC Minor Project (2001-03) in physical sciences as part of PhD Programme on "Hydrological data network analysis for water resource planning in Lower Yamuna Basin: A case study of Betwa river catchment"

Research Supervision:

Currently Supervisor of two Ph.D research scholars

Reviewer:

Reviewed international research papers of web of science (Researcher ID: <https://www.webofscience.com/wos/author/rid/AFB-3346-2022> and ORCID ID: <http://www.orcid.org/0000-0002-2951-4094>)



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Professional Courses/Training Programmes:

S.No	Name of Institution	Professional Courses	Duration	Dates
1.	Centre for Advanced Faculty Training, G.B. Pant Univ. of Agriculture & Technology, Pantnagar, Uttarakhnad	"Cropping System Approach for Food Security and Soil Quality"	3 weeks	7-27 Dec, 2010
2.	Indian Institute of Remote Sensing, Dehradun	DST Sponsored NNRMS Refresher Course for Univ faculty on "Remote Sensing and GIS Applications in Water Resources"	8 weeks	2 May-24 June 2005
3.	Centre for Professional Development in Higher Education, Univ. of Delhi	UGC Sponsored Refresher Course on "Post Modernism in Geography"	3 weeks	9-23 Dec, 2003
4.	Academic Staff College, Jawaharlal Nehru University	UGC Sponsored Orientation Course for faculty	4 weeks	9 April- 4 May 2001
5.	Academic Staff College, Jamia Millia Islamia University	UGC Sponsored Refresher Course on "Remote Sensing and Geographical Information Systems" in Geography	3 weeks	11 April-4 May 2000
Short Term Training Programmes				
6.	Delhi University Computer Centre	Training Program on "Research Data Analysis using SPSS"	2 days	14-15 June, 2023
7.	Indian Institute of Technology, Roorkee	Global Initiative of Academic Networks (GIAN) course on "Water Sensitive Urban Design and Integrated Urban Water Management"	1 week	19-23 Dec 2022
8.	National Institute of Hydrology, Roorkee	E-course on "Hydro-Meteorological and Climate data analysis: Basic and Advanced Techniques"	1 week	21-25 March, 2022
9.	College of Technology, G.B. Pant Univ. of Agriculture & Technology, Pantnagar, Uttarakhnad	GIAN course on "Hydrological Modelling and Climate Change"	1 week	5-9 Dec 2016
10..	Centre for Professional Development in Higher Education, Univ. of Delhi	Workshop on "Evaluation Methodology"	3 days	8-10 Nov 2012
11.	Academic Staff College, Nainital	Quality and Ethics in Research	3 days	6-8 July, 2010
12.	National Water Academy,	"Hydroinformatics and Soft	1 week	4-8 May, 2009



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	Pune	Computing in Water Sector"		
13.	College of Technology, G.B. Pant Univ. of Agriculture & Technology, Pantnagar, Uttarakhnad	Technical Education Quality Improvement Programme of World Bank on "Water Summit"	3 days	19-21 Feb, 2009
14.	Dept. of Geology, University of Delhi	"Existing Tools and Mapping Software in Geo-Spatial Applications"	2 days	6-7 Dec, 2007
15.	Central Ground Water Board	"Design, Implementation, Operation, Monitoring and Maintenance of Rain Water Harvesting Systems in Urban Areas"	2 days	21-22 Dec, 2006
Computer courses				
14.	Delhi University Computer Centre	"SPSS" "Database using MS Access" "Visual Basic Programming", "Internet Concept and its Application" "Windows 95, MS Word and MS PowerPoint"	1 week 2 weeks 3 weeks 1 week 3 weeks	27-31 Mar,06 17-28 Jan, 04 3-25 Oct, 99 24-28 May, 99 7-24 Dec, 98
Online Courses				
15.	The Pennsylvania State University	Maps and the Geospatial Revolution	5 weeks	30 Apr-12 Jun 2014
16.	American Museum of Natural History	The dynamic Earth: A Course for Educators	4 weeks	14Apr-12 May 2014
17.	Centre for Development of Advanced Computing, Hyderabad, under the project Indian Development Gateway, supported by Department of Electronics and Information Technology, Govt. of India	Personal Finance & Money Management	1 month	27 Feb-29 Mar 2014
18.	Department of Personnel and Training, Government of India in association with Centre for Good Governance	Right to Information	15 days	20 Aug-3 Sep 2013
19.	Public Health Training Centre, University of Michigan	Measuring Health Disparities	Self paced	July 2013
20.	Microsoft	Digital Literacy	Self paced	2011
21.	COMET Met-ed	Basic Hydrological Sciences	Self paced	2008

Administrative Responsibilities:



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- i. Admission Committee member for 6 yrs (2021, 2009, 2008, 2001, 2000, 1999)
 - ii. In-charge of Geography Department (16-08-21 to 11-02-22; 21-08-07 to 20-08-09; 18-07-00 to 17-07-02)
 - iii. Nodal Officer of OBE Exam, June 2021
 - iv. Ex-officio member of IQAC (2017-18)
 - v. Convenor of College Time-Table Committee (2018 odd semester)
 - vi. Teacher Representative on Government Body of Miranda House (12-09-08 to 11-09-09)
 - vii. Co-Convenor of College House Exam for 2 years 2000-02
 - viii. Deputy Superintendent of Category 'B' Exam 2000, University of Delhi

Association with Professional Bodies:

a) Membership of Professional Bodies:

Life Membership of:

- i. Association for Geographical Studies, (AGS), University of Delhi;
- ii. National Association of Geographers of India (NAGI), Delhi;
- iii. Indian Science Congress (ISC), Kolkatta; Indian Association of Hydrologists (IAH), Roorkee

Associate Life Membership of Bhoovigyan Vikas Foundation, Delhi

Membership of International Association of Hydrological Sciences, (IAHS), U.K.

b) Office Bearer:

- ❖ Secretary of the Staff Council, Miranda House (2012 and 2017-2018)
- ❖ Interim Secretary of the Association of Geographical Studies, University of Delhi (2006-07)
- ❖ Joint Secretary of the Staff Association, Miranda House (2004-06)
- ❖ Member of Executive Committee of Miranda House Alumnae Association (1998-2000, 2000-02, 2006-08)
- ❖ Member of executive committee of Association of Geographical Studies (1998-99 and 2003-04)

c) Member of Academic Committees:

- ❖ Working group member of 2 LOCF courses (Hydrology and Soil Studies; Physical Geography), University of Delhi (2019)
- ❖ Member of courses committee, University of Delhi (2014-15; 2004-06) and Member of Syllabi revision committee of B.A. (Hons.) Geography – (Regional Planning) and (Earth System)

d) Editorial Work:

- Reviewer of 1 manuscript for International Journal of Climatology (2020)
- Member of editorial board of Association of Geographical Studies (1999-2001)



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- Member of editorial committee for the publication of Souvenir and Abstract volume of Ninth Conference (1998) of Indian Institute of Geomorphologists on “Geomorphology and Environmental Management”

Invited talks/Session chair/Resource person:

Delivered invited talks :

- “Introduction to ILWIS” and “Use of Geospatial Technology in Water Resource Planning”, NRDMS-DST Training Programme at *K. Banerjee Centre of Atmospheric & Ocean Studies*, University of Allahabad, 25th May, 2019
- “Use of Open GIS Softwares and GPS” at Workshop organized by *Association for Geographical Studies*, University of Delhi, 3rd April, 2008.
- “Water Resource Assessment and Utilisation” in Post-graduate Refresher Course at *Jamia Milia Islamia Teachers Training Institute* on 11th June, 2002.

Coordinator:

ISRO-IIRS Outreach Programme Coordinator of Miranda House Nodal Centre
India Space Week Coordinator

Chairperson/Co-chairperson:

- Chairperson of Technical Session in International Seminar, "Envisaging Bharat as Voice of Global South: Revisiting COP28," held on August 27-28, 2024.
- Co-chairperson of Workshop on “Information Technology and Disasters Management” organized by All India Foundation for Peace and Disaster Management, at School of Environmental Studies, University of Delhi, 25 April, 2009

Resource person:

- First National Training on “**Rainwater Harvesting**” organized by All India Foundation for Peace and Disaster Management at International Guest House, Univ of Delhi, 16-19 Aug 2011
- Panelist in National Workshop on “**Youth, Technology & Disaster Risk Reduction**”, organized by All India Foundation for Peace and Disaster Management at American Centre, 25-26 Mar 2011
- Workshop for Geography School Teachers’ on “**Remote Sensing and Spatial Technology**” Dept. of Geography, Miranda House, University of Delhi, 5-8 April, 2004

Mentor:



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National Geographer's Conclave on "Sustainable and Innovative Environmental Practices" Shaheed Bahagat Singh College, Delhi, 30 Jan 2020

DST INSPIRE Internship Programme, Miranda House, 12-16 July, 2010

Conferences/Seminar Organised:

Coordinator of Webinar on "Breast Cancer Awareness and Adopting a Healthy Lifestyle", organised by B.A. Programme Society, NSS and NCC in collaboration with Sanjeevani Beyond Cancer, 11 Oct 2021.

Worked with field dissemination team of "CIDA-SICI Partnership Project Dissemination Workshop" University of Delhi, 3-4 Nov, 2000

Organizing committee member of the "National Seminar on Urban Issues – A Cluster Meeting IDPAD-ICSSR Research Project" Dept. of Geography, Univ. of Delhi, 1999

Rapporteur:

- International Conference on "Spatial Decision Support Systems and UN Sustainable Goals", Kalindi College, 1 Feb, 2017
- 1st National Congress on "Role of Women in Disaster Preparedness" organized by All India Foundation for Peace and Disaster Management, American Centre, New Delhi, 15 Dec, 2009
- International Conference on "Biodiversity, Environment and Sustainability: Challenges for Future" organized by Swami Shradhanand College, University of Delhi, 4-6 Sept, 2008
- UGC-SAP Seminar on "Vulnerable Cities, Hazards, Risks and Preparedness" at School of Environmental Studies, March, 2005.
- 16th Grassroots Politics Colloquium on "Water" at Developing Countries Research Centre, University of Delhi, March 2005.

Seminars/Workshops/Conferences attended

A) Abstracts Published:

"Use of ICT and Review of E-Governance in India" *Int'l Journal of Arts & Sciences (IJAS) Semi-Annual Conference* held at Gottenheim, Germany (28 Nov – 3 Dec 2010)

"Surface water balance computation using remote sensing and GIS approach" Paper accepted for presentation at the Remote Sensing and Hydrology Symposium 2010 held in Jackson Hole Wyoming – USA September 28-30, 2010.

"Village Development Planning in Udham Singh Nagar District, Uttarakhand (INDIA)", *International Journal of Arts & Sciences (IJAS)* conference for academic disciplines organized by Central Connecticut State University held at Harvard University, Cambridge, Massachusetts (May 31 – June 3, 2010).



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B) Participated and paper presented:

- i. *"Hydrological Monitoring"* 23rd Indian Geography Congress, Dr. Hari Singh Gaur University, Sagar, December 28-30, 2001
- ii. *"Water Resource in 21st Century: Whose Domain?"* First Annual Seminar of Association for Geographical Studies, University of Delhi, 31 March, 2001
- iii. *"Water Resource Assessment and Utilisation in Upper Betwa Basin"* 88th Session (Earth System Section) of the Indian Science Congress, Indian Agricultural Research Institute, Delhi, 3-7 January, 2001
- iv. *"Water Balance in Bundelkhand Region: A Comparison of Climatological Approach"*, IXth Conference of Indian Institute of Geomorphologists, University of Delhi, 30 Jan-1 Feb, 1998 (Abstract on 150 p in Souvenir Vol. (Co-author: Baleshwar Thakur)

C) Participation in conferences/seminars/workshops:

1. Participated in ICSSR sponsored International Conference on "Geographical Dimensions of Sustainability and Recovery: Social, Cultural and Environmental Dimensions" organized by Department of Geography, Univ of Delhi (3-4 Oct 23)
2. Attended Annual Meet of Coordinators of Outreach Programme and IIRS Academia Meet Seminar on "Space Technology for Disaster Risk Reduction in Himalaya: Challenges and Opportunities" at Indian Institute of Remote Sensing (27-28 March 23), Dehradun;
3. Participated in online training on "Enhancing the Preparedness against Omicron Variant of COVID", National Institute of Disaster Management and Department of Geography, Miranda House, 13-15 Jan 2022
4. Attended orientation session of University of Delhi e-library on 3 Dec 21
5. Attended Webinar by e-Galactic on "Understanding Plagiarism Detection Software Urkund" DULS, University of Delhi, 6 April 2021
6. Participated in Webinar on Academic Leadership Program for Academicians, "Role of Teachers in National Education Policy (NEP): Awareness, Orientation, Challenges & Responses" , CPDHE University of Delhi, 22 March 2021
7. Attended National Water Mission Webinar with Colleges of Delhi University on "Catch the Rain: Involving Youth in Harvesting Rain Water" 24 Feb, 2021
8. Attended National Conference on "National Resources Management for Sustainable Development" Jesus & Mary College, Delhi, 21 Jan 2020
9. Attended XIII International Geographical Union (India) Conference on "Heading Towards Zero: Sustainable Development in Economy, Environment and Society", Central University of Haryana, Mahendragarh, 19 Oct 2020
10. Attended National Seminar on "Spatial Dimensions of Environmental Problems and Natural



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Resource Law”, Shaheed Bhagat Singh College, Delhi, 3-4 Sep 2019

11. Attended National Conference of Association of Geographical Studies on “Historical Geographies of Location and Cultural Evolution in India”, University of Delhi, 13-14 April 2019
12. Attended Nobel Laureates Plenary Session of 106th Indian Science Congress on “Future India: Science and Technology”, Lovely Professional University, Phagwara (Punjab), Jan 3-5, 2019
13. Attended National Seminar on “Mountain Communities and Adaptive Sustainable Livelihood Strategies”, Jawahar Lal Nehru University, Delhi, 13-14 Nov, 2018
14. Attended National Conference on “Geoinformatics and Natural Resource Management”, Jamia Milia Islamia University, Delhi, 7-8 Feb, 2017
15. Attended workshop on “Modern Age Tools for Educators” at Guru Angad Dev Teaching Learning Centre, Khalsa College, University of Delhi, 26 Nov, 2016
16. Attended International Conference on “Re Orienting Gender: Geographies of Resistance, Agency, Violence and Desires in Asia”, organized by IGU Commission on Gender and Geography at University of Delhi on 19 Nov, 2014
17. Participated in National Conference on “Women, Climate Change Adaptation and Disaster Mitigation” organized by All India Foundation for Peace and Disaster Management, S.G.T.B. Khalsa College, University of Delhi, 30-31 Jan, 2013
18. Attended National Seminar on “Pesticides, Food Safety and Environment” GB Pant Univ., Uttarakhand, 8 Nov, 2011
19. Attended International Conference on “Environmental Knowledge for Disaster Risk Management”, organized by National Institute for Disaster Management and GIZ Germany at Vigyan Bhawan, 10-11 May 2011
20. Attended Electronics & Information Exposition ELITEX 2011 on “e-Governance- Public Services Closer Home”, organized by Deptt of Information Technology, Govt of India at India Habitat Centre, 4 April 2011
21. Attended “BHUVAN” Workshop held at Developing Countries Research Centre, Univ of Delhi, 30 Mar 2011
22. Attended National Conference and Exhibition on “Technology Solutions for Rural Service Delivery”, organized by National Informatics Center at India Habitat Centre, 24 Mar 2011
23. Attended seminar on “Scientific Computing, System Design & Verification using MATLAB/Simulink” Intercontinental Eros, New Delhi, 25 Nov, 2010
24. Attended International Conference on “Cooling the Earth: Tactics for Restoring Climate Order and Saving the Living Planet”, GB Pant Univ., Uttarakhand, 15-17 Nov, 2010
25. Attended “Delhi International Renewable Energy Conference”, India Expo Centre & Mart,



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Greater Noida, 27-29 Oct, 2010

26. Participated in Short Training on “Fire Disaster Mitigation Fire” at Delhi Fire Academy, Rohini, 4 July 2010
27. Attended National Conference on “Women, Environmental Education & Climate Change” organized by All India Foundation for Peace and Disaster Management, American Centre, New Delhi, 28-29 May, 2010
28. Attended International Seminar on “Contextualizing Geographical Approaches to Studying Gender in Asia” Deptt of Geography, University of Delhi, 3-5 Mar, 2010
29. Attended a Workshop on “Ground Water Resource Estimation” organised by Central Ground Water Board in association with Civil Engineering Deptt, IIT Delhi, 23-24 Feb, 2010.
30. Participated in Seminar on “Dilli Meri Jaan”, Department of Geography, Miranda House, University of Delhi, 16-17 Dec, 2009
31. Attended Panel Discussion on “India’s Coastal & Internal Security Post 26/11: Review of the Strategic Challenges and Preparedness” organized by National Maritime Foundation and India International Centre, 24 Nov, 2009
32. Attended Second India Disaster Management Congress, Vigyan Bhawan, 4 Nov, 2009
33. Attended International Youth Conference on “Sustainable Lifestyles: Consumption and Climate Change”, Kamala Nehru College, University of Delhi, 3 Aug, 2009
34. Attended UGC-SAP National Seminar on “Natural Resources, Inclusive Growth and Development” organized by Department of Geography, Univ. of Delhi, 27-28 Mar, 2009
35. Attended a National Workshop on “Food Security in India: Problems and Prospects”, Kirori Mal College, University of Delhi, 11-12 Dec, 2008
36. Attended UGC-SAP National Seminar on “Metropolitan Regional Planning - Status and Prospects” organized by Department of Geography, University of Delhi, 14-15 March, 2008
37. Attended National Conference on “Future Challenges of Disaster Management in India” organized by All India Foundation for Peace & Disaster Management, University of Delhi, Delhi, 7 July, 2007
38. Attended a National Seminar on Urban Planning: Challenges and Opportunities” Dr. Bhim Rao Ambedkar College, 30-31 March, 2007
39. Attended a UGC-SAP Seminar on “Special Economic Zone” organized by Deptt. Of Geography, University of Delhi, 16-17 March, 2007
40. Attended a presentation on “e-Resources” at Central Science Library, University of Delhi, Feb 15, 2007
41. Attended an International Conference on “Geo-Spatial Digital Learning, India- 2007” organized



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- by Kirori Mal College at Convention Centre, University of Delhi, 17-18 Jan, 2007
42. Attended a Book Release-cum-Presentation seminar on “Hindon River: Grasping for Breadth” organised by Janhit Foundation (NGO), Meerut, Jan 13, 2007
 43. Attended a Golden Jubilee lecture of PHD Chamber of Commerce and Industry at Vigyan Bhawan, March 2005
 44. Participated in XXVI Indian Geography Congress of National Association of Geographers of India on “Regional Development: Vision 2020” Dept. of Geography, M.D. University, Rohtak, 4-6 Nov, 2004
 45. Participated in Seminar on “Mega Cities Fringe Dynamism” Dept. of Geography, Aditi Mahavidyalaya, University of Delhi, 30-31 Jan, 2004
 46. Participated in UGC-SAP Seminar on “Resource and Regional Planning: Issues and Challenges” Dept. of Geography, University of Delhi, 4-5 Dec, 2003
 47. Attended India’s Exclusive National Environment & Wildlife Film Festival- “Vatavaran-2003” at India Habitat Centre, Lodhi Road, New Delhi, Nov. 19, 2003
 48. Participated in Bhatnagar Awardees’ paper presentation at Vigyan Bhavan, New Delhi, 9th July, 2003
 49. Participated in Second International Conference of Bhoovigyan Vikas Foundation on “Sustainable Agriculture, Water and Earth Care Policies” SCOPE Complex, New Delhi, 18-20 Dec, 2002
 50. Participated in Second Annual Seminar of Association for Geographical Studies, University of Delhi, 9th March, 2002
 51. Attended an GIS-cum-Remote Sensing Exhibition “MAP INDIA 2002”, 7-8 Feb, Taj Palace Hotel, New Delhi, 2002
 52. Participated in First Bhoovigyan Vikas Foundation International Conference on “Sustainable Development and Sustainable Life Style”, New Delhi April 22-24, 2001
 53. Attended an GIS-cum-Remote Sensing Exhibition “MAP INDIA 2000”, 11-12 April, Taj Palace Hotel, New Delhi, 2000
 54. Attended an GIS-cum-Remote Sensing Exhibition and Conference “MAP INDIA 1999”, 6-7 Feb, Hotel Intercontinental, New Delhi, 1999
 55. Attended a two days workshop on “How to Lecture” by Prof. Phillip Thomas, Cardiff Law School, U.K., British Council, Delhi, Dec 1998

Awards and Distinction:



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- **Silver Medal** for standing second in order of merit during Refresher-cum-Promotion course in NCC at Officers' Training academy, Gwalior, 20th July-18th Aug, 2007.
- First **Young Geographer Award** for best research paper presented at the 21st Indian Geography Congress, 4 Jan, 2000, Nagpur.
- **UGC Junior Research Fellowship**, UGC, 1996-97
- **University Gold Medal** for best candidate in M.A. Examination, 1996
- **Post-Graduate Fellowship** for Top Rankers of University, 1994-96
- **All Round Best Cadet** of Miranda House NCC Company, 1994

Co-Curricular Work:

Worked as NCC Staff Advisor for 3 and ½ years from 1998-2002 (including two years as Convener);

Worked as [Associate NCC Officer](#) for 16 years from July 2002 to Aug 2018 and relinquished Commission from Captain Rank in Aug 2018 on voluntary basis and continued as Convenor from 1 Aug 2018- 15 March 2019 and member of NCC Committee from 16 Mar 2019 to 20 July 2021

Refresher Courses for NCC Officers' Training				
1.	Officers' Training Academy, Gwalior	Ref-cum-Pro- SW/42	1 month	Jul-Aug 2007
2.	Women Officers' Training School, Gwalior	Ref-cum-Pro- SW/33	1 month	Aug-Sep 2002
Camps as Officer				
	Name of Camp & Location	Camp Appointment	Duration	Month & Year
3.	Combined Annual Training Camp, Dharamshala (H.P)	Camp Adjutant	10 days	May, 2010
4.	All India Girls Trekking Camp, Kufri	Delhi Contingent Commander	14 days	May-June, 2008
5	Combined Annual Training Camp, Dehradun	Training Officer	12 days	June 2007
6	National Integration Camp, Itanagar (Arunachal Pradesh)	Delhi Contingent Commander	12 days	June 2006
7	All India Girls Sikkim Trekking Camp, Siliguri base	Delhi Contingent Commander	14 days	Oct 2005
8	Annual Training Camp, Trilokpur (H.P.)	Training Officer	12 days	June 2004
9	Combined Annual Training Camp, Delhi Cantt	Training Officer	12 days	May 2003
10	National Integration Camp, Mumbai	Project Officer	12 days	Oct 2002
Organization of Programmes at Institutional Level				
1	Miranda House NCC Coy, In association with DELHI POLICE, North Zone	Organisation of self defence workshop prog for NCC cadets and other students	10 days	Feb 2019
2	Miranda House NCC Coy In association with NSS and NSO	Coordinator of International Yoga Day 2018	3 days	June 2018



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3	Miranda House NCC Coy In association with NSS and NSO	Coordinator of International Yoga Day 2017	10 days	June 2017
4	Miranda House NCC Coy, In association with Central DLSA & DELHI POLICE	Organisation of self defence workshop prog for NCC cadets and other students	2 Weeks	March 2017
5	Miranda House NCC Coy	Coordinator of Vittiya Saksharta Abhiyan	1 week	Jan 2017
6.	Miranda House NCC Coy, In association with CISF Delhi Metro Unit	Organisation of self defence workshop prog for NCC cadets and other students	1 Week	23-30 Sep 2014
7.	UNIVERSITY OF DELHI	Educational Rail Trip for NCC Cadets on First DU Gyanodaya Express (Member of Science Project Committee)	12 days	8-20 July 2012
8.	UNIVERSITY OF DELHI	Coordinator of Guard of Honour & Fire Fighting demo in houour of Chief of Naval Staff & CM Delhi	25 Days	2-27 March 2012
9.	Miranda House NCC Coy In association with KIRORI MAL NCC UNIT	All India NCC festival cadet 2012	3 Days	Feb 2012
10.	Miranda House NCC Coy In association with Indian Mountaineering Federation	Rock climbing & obstacles for NCC & other students	2 Days	29-30 Jan 2012
11.	Miranda House NCC Coy In association with DELHI POLICE and Civil Defence Directorate	Organisation of civil defence & self defence workshop prog for NCC cadets and other students	2 Weeks	16-- 25-Jan 2012
12.	Miranda House NCC Coy In association with NSS & LIBRARY	Digital literacy workshop for NCC, NSS & other students	1 Week	19-25 Oct 2011
13.	Miranda House, in association with KIRORI MAL NCC UNIT	All India NCC festival 'cadet -2011'	3 Days	Feb 2011
	Miranda House - University of Delhi, NCC Unit and Delhi Government	Nodal Officer of Common Wealth Games for NCC cadets and Coordinator of Closing ceremony cadre at Delhi Cantt & Final Programme at JLN Stadium	1 month	Sep-Oct 2010
14.	Miranda House, in association with CIVIL DEFENCE & HOME GUARD DIRECTORATE	Organisation of civil defence & self defence workshop prog for freshers	1 Week	JULY 2008
15.	MIRANDA HOUSE NCC Coy, NSS & Sports in association with CIVIL DEFENCE DIRECTORATE	Organisation of civil defence & disaster awareness generation prog for staff	1 week	Jan 2007
16.	Miranda House, UNIV. OF DELHI In association with CIVIL DEFENCE & HOME GUARD	Organisation of disaster management and self defence course for NCC cadets	1 week	Dec 2005

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