



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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Print Date : 27-08-2026

## 1. Personal Profile

Title: **Prof.** First Name: **SEEMA MEHRA** Last Name: **PARIHAR**

Designation: **PROFESSOR** Mobile No. **9810333191**

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Facebook: ----- Twitter: -----

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Youtube: ----- Research Gate Link: -----

Google Scholar Link: -----

Address: **PROFESSOR SEEMA MEHRA PARIHAR DEPARTMENT OF GEOGRAPHY KIRORI MAL COLLEGE UNIVERSITY OF DELHI DELHI 110007 INDIA**

## 2. Educational Qualifications

| Degree/ Certification                                                              | Institution                                                                                                                                           | Year |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| B.A. (Hons.) Geography, First Division                                             | Kirori Mal College, University of Delhi, INDIA                                                                                                        | 1983 |
| B.Ed, University Topper with Distinction (President of Panchayat – Students'Union) | Central Institute of Education, University of Delhi,                                                                                                  | 1984 |
| M.A. Geography , Second Position in Delhi University (63.20%)                      | Department of Geography, Delhi School of Economics, University of Delhi, INDIA                                                                        | 1986 |
| M.A. Geography , Second Position in Delhi University (63.20%)                      | Department of Geography, Delhi School of Economics, University of Delhi, INDIA                                                                        | 1986 |
| M.Phil- Highest Marks in the Group (70.50%),                                       | Department of Geography, Delhi School of Economics, University of Delhi, INDIA                                                                        | 1988 |
| Ph.D                                                                               | Department of Geography, Delhi School of Economics, University of Delhi, INDIA                                                                        | 2000 |
| Postdoc-Fellow (PDF) on the Netherlands Government Fellowship.                     | Geo- Information Processing Department, the International Institute of Geo-Information Science and Earth Observation (ITC) Enschede , The Netherlands | 2002 |

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|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Remote Sensing & GIS Course                            | Indian Institute of Remote Sensing (IIRS), Dehradun, India                                                                                            | 1991 |
| ESRI VIRTUAL TRAINING on ARC-GIS<br>(with > 98% marks) | Geo- Information Processing Department, the International Institute of Geo-Information Science and Earth Observation (ITC) Enschede , The Netherlands | 2002 |

### 3. Career Profile & Administrative Assignments

| Category                   | Role/<br>Designation | Department/<br>Committee                                                              | Date From -<br>To            | Remarks                                                                                                                                                                                                                                         |
|----------------------------|----------------------|---------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAREER PROFILE             | PROFESSOR            | OTHERS SARVODAY COLLEGE OF EDUCATION, GUJARAT                                         | 01.Jun.2021 -<br>Till date   | FELLOW, DELHI SCHOOL OF PUBLIC HEALTH (DSPH), INSTITUTE OF EMINENCE (IoE), UNIVERSITY OF DELHI, (DU), INDIA                                                                                                                                     |
| ADMINISTRATIVE ASSIGNMENTS | JOINT DIRECTOR       | DEVELOPING COUNTRIES RESEARCH CENTER UNIVERSITY OF DELHI, DELHI                       | 05.Jan.2010 -<br>31.Jul.2015 |                                                                                                                                                                                                                                                 |
| ADMINISTRATIVE ASSIGNMENTS | DEPUTY DEAN          | DSW- DEAN STUDENTS' WELFARE, DELHI UNIVERSITY UNIVERSITY OF DELHI, DELHI              | 01.May.2008 -<br>28.Jun.2010 |                                                                                                                                                                                                                                                 |
| ADMINISTRATIVE ASSIGNMENTS | CHAIRPERSON          | CPC - CENTRAL PLACEMENT CELL UNIVERSITY OF DELHI, DELHI                               | 01.Sep.2008 -<br>25.Jun.2010 | Contributed in initiating, visualizing, building the foundation, setting up the portal and disseminating among all the Students of the University of Delhi                                                                                      |
| ADMINISTRATIVE ASSIGNMENTS | IN-CHARGE            | PWD ADMISSIONS COMMITTEE UNIVERSITY OF DELHI, DELHI                                   | 01.May.2008 -<br>25.Jun.2010 | University In-charge of the Admissions for Physically Challenge Students, University of Delhi (2008, 2009 & 2010 Admissions); contributed to sensitizing the process (eg., Introduced forms in Braille/ JAWS etc.); PH Counselor in 2006 & 2007 |
| ADMINISTRATIVE ASSIGNMENTS | ON DEPUTATION        | ILL - INSTITUTE OF LIFE LONG LEARNING UNIVERSITY OF DELHI, DELHI                      | 20.Oct.2010 -<br>01.Oct.2011 |                                                                                                                                                                                                                                                 |
| ADMINISTRATIVE ASSIGNMENTS | ON DEPUTATION        | ILL - INSTITUTE OF LIFE LONG LEARNING UNIVERSITY OF DELHI, DELHI                      | 20.Oct.2010 -<br>01.Oct.2011 |                                                                                                                                                                                                                                                 |
| CAREER PROFILE             | PROFESSOR            | UNIVERSITY OF DELHI Delhi School of Public Health (DSPH), Institute of Eminence (IoE) | 01.Jun.2022 -<br>Till date   | Fellow, Delhi School of Public Health (DSPH), Institute of Eminence (IoE), University of Delhi, INDIA                                                                                                                                           |
| CAREER PROFILE             | PROFESSOR            | OTHERS Univesite Le Havre , Normandie, France                                         | 24.Jan.2024 -<br>Till date   | Visiting Professor at Universite Le Havre , Normandie France from 24/01/2024-26/02/2024                                                                                                                                                         |

|                |           |                                                          |                           |                                                                                                                     |
|----------------|-----------|----------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------|
| CAREER PROFILE | PROFESSOR | OTHERS Univesite Le Havre , Normandie, France            | 24.Jan.2024 - Till date   | Visiting Professor at Univesite Le Havre , Normandie France from 24/01/2024-26/02/2024                              |
| CAREER PROFILE | PROFESSOR | OTHERS Universite Le Havre , Normandie, France           | 24.Jan.2024 - Till date   | Visiting Professor at Université Le Havre Normandie, France, from 24 January 2024 to 26 February 2024.              |
| CAREER PROFILE | PROFESSOR | OTHERS Universite Le Havre , Normandie, France           | 07.Jan.2023 - 07.Apr.2023 | Taught Online at Université Le Havre Normandie, France, from 07-01-2023-07-04-2023 for the fourth consecutive year, |
| CAREER PROFILE | PROFESSOR | OTHERS Universite Le Havre , Normandie, France           | 07.Jan.2022 - 05.May.2022 | France -Teaching online at Université Le Havre Normandie, France from 7 January 2022- 5 May 2022.                   |
| CAREER PROFILE | PROFESSOR | OTHERS Universite Le Havre , Normandie, France           | 07.Jan.2021 - 17.May.2021 | France 2021-Taught online at Université Le Havre Normandie, France, from 07-01-2021 to 17-05-2021                   |
| CAREER PROFILE | PROFESSOR | OTHERS Universite Le Havre , Normandie, France           | 03.Feb.2020 - 17.Feb.2020 | France 2020 -Taught as a visiting Professor from 03-02-2020 to 17-02-2020 at Université Le Havre Normandie, France  |
| CAREER PROFILE | PROFESSOR | OTHERS Univesite Le Havre , Normandie, France            | 03.Feb.2020 - 17.Feb.2020 | France 2020-Taught at Université Le Havre Normandie, France to the students from 03-02-2020 to 17-01-2020           |
| CAREER PROFILE | PROFESSOR | GEOGRAPHY Kirori Mal College, University of Delhi, INDIA | 01.Sep.1987 - Till date   |                                                                                                                     |
| CAREER PROFILE | PROFESSOR | GEOGRAPHY Kirori Mal College, University of Delhi, INDIA | 01.Sep.1987 - Till date   |                                                                                                                     |

|                                        |
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| <b>4. Other Profiles</b>               |
| <b>Other Profile Name/ Description</b> |

## CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS

Selected Digital/E- Learning Material (<http://epgp.inflibnet.ac.in/ahl.php?csrno=17>)

2017: Paper Coordinator (1) Paper –Resource Geography **(40 lessons)**,

2017 : Content Reviewer **(26 Lessons) and**

2017: Content Writer **(20 Lessons)**

**for Ministry of Human Resource Development (MHRD), Government of India: UGC- Post Graduate (EPG) Pathshala:**

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### **Paper : Remote Sensing, GPS and Geographic Information System (GIS)**

E-Lesson 1:Parihar, Seema M. (2017), '*Introduction to Geographic Information System (GIS)*'

E-Lesson 2: Parihar, Seema M.(2017), '*Data Models in Geographic Information System (GIS)*'

E-Lesson3:Parihar,Seema M. (2017), '*Data Storage & Compaction in GIS*'

E-Lesson 4: Parihar, Seema M. (2017), '*Spatial Queries in GIS*'

E-Lesson 5: Parihar, Seema M. (2017), '*Overlay Operations & Analysis in GIS*'

E-Lesson 6: Parihar, Seema M. (2017), '*Buffer & Proximity Analysis in GIS*'

E-Lesson 7: Parihar, Seema M. (2017)), '*Network Analysis in GIS*'

E-Lesson 8: Parihar, Seema M. (2017), '*Open Source GIS*

E-Lesson 9: Parihar, Seema M. (2017), '*Web Mapping & Web GIS*'

E-Lesson 10: Parihar, Seema M. (2017), '*Cloud GIS*'

### **Paper : Resource Geography**

E-Lesson 11:Parihar, Seema M. (2017), '*Introduction to Resource Geography*'

E-Lesson 12: Parihar, Seema M. (2017), '*Models of Resource Geography*'

E-Lesson 13: Parihar, Seema M. (2017), '*Research Methods and hypothesis in Resource Geography*'

E-Lesson 14: Parihar, Seema M. (2017), '*Approaches in Resource Management*'

E-Lesson 15: Parihar, Seema M. (2017), '*Population –Resource Relationship (Part- 1)*'

E-Lesson 16: Parihar, Seema M. (2017), '*Population –Resource Relationship (Part-2)*'

E-Lesson 17: Parihar, Seema M. (2017)), '*Geopolitics of Resources*'

E-Lesson 18: Parihar, Seema M. (2017), '*Geopolitical Issues related to Water Crisis*'

E-Lesson 19: Parihar, Seema M. (2017), '*United Nations Policy Models for Resource Management: Way to Sustainability*'

E-Lesson 20: Parihar, Seema M. (2017), '*Policy Models of India for Resource Management*'

## 5. Research Guidance

| Year | Guide For | Title of the Dissertation/ Thesis | Scholar Name | Status |
|------|-----------|-----------------------------------|--------------|--------|
|------|-----------|-----------------------------------|--------------|--------|

## 6. Research Projects

| Year | Title of Project                                                                                                                               | Sponsorship Agency                                                                                                                                   | Duration | Amount Sanctioned | Date of Sanction |
|------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|------------------|
| 2020 | 'Women Empowerment Atlas of India Science Technology Perspective',                                                                             | SEED Division, Science and Technology for Women, ), from Department of Science and Technology, Ministry of Science & Technology, Government of India | 03 year  | 77,00,000         | 01.Jan.2020      |
| 2022 | 'Mapping Good Practices of Institutions for Supporting Redressal of Violence Against Women in India' sanctioned by World Health Organisation.. | WHO-World Health Organisation..                                                                                                                      | 01 year  | 16,37,100         | 16.Feb.2021      |
| 2018 | Youth Indo-Nepal Disaster Prevention and Preparedness Programme 2018 (YINPPP-2018)                                                             | B.P. Koirala , Indo-Nepal Foundation , Embassy of Nepal, India,                                                                                      | 01 year  | 1,50,000          | 07.Feb.2018      |
| 2017 | Mapping Geospatial Dimensions of Hydro Politics in Jammu & Kashmir',                                                                           | Indian Council of Social Science Research (ICSSR),                                                                                                   | 03 year  | 8,00,000          | 07.May.2017      |
| 2014 | "Gender Atlas of India : A Thematic Perspective"                                                                                               | Ministry of Women and Child Development, Government of India                                                                                         | 02 year  | 7,07,000          | 16.Jun.2014      |
| 2013 | "Gender Atlas of India : A Geospatial Perspective"                                                                                             | Ministry of Women and Child Development, Government of India                                                                                         | 01 year  | 3,85,500          | 04.Jul.2013      |
| 2012 | Strengthening Capacity Building through Developing a Unique Portal for Geospatial Education and Training                                       | Department of Science and Technology, Ministry of Science & Technology, Government of India                                                          | 02 year  | 37,00,000         | 22.Mar.2012      |
| 2012 | "Mapping the Spatial Topology of two sub- glacier basins of NW Himalayas for multi class change detection using MODIS, Landsat and IRS data"   | University of Delhi (Innovative Project : KMC-105 ) University of Delhi.                                                                             | 01 year  | 10,00,000         | 15.May.2012      |
| 2011 | "Devise a Grassroots' Level Geospatial System for Climate –Stress Management in Bhilangana Basin of Garhwal Himalayas",                        | CCP , Climate Change Programme., from Department of Science and Technology, Ministry of Science & Technology, Government of India                    | 03 year  | 14,97,000         | 22.Dec.2011      |
| 2011 | "Mapping Wetland Stress Pattern of East Kolkata Wetland Using High Resolution Remote Sensing Data" (                                           | University of Delhi                                                                                                                                  | 01 year  | 1,00,000          | 09.Sep.2011      |

|      |                                                                                                                  |                              |                     |           |             |
|------|------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------|-----------|-------------|
| 2010 | Integrated Environmental Resource Management of Bhilangana Basin Using High Resolution Remote Sensing Data & GIS | University Grants Commission | 02 years , 6 months | 13,62,900 | 01.Feb.2010 |
| 2010 | Integrated Environmental Resource Management of Bhilangana Basin Using High Resolution Remote Sensing Data & GIS | University Grants Commission | 02 years , 6 months | 13,62,900 | 01.Feb.2010 |
| 2007 | “Evolving Web Based Geospatial Capacity Building Infrastructure (WGCB) for Map Use Research”,                    | University Grants Commission | 02 year             | 3,59,200  | 04.May.2007 |
| 1990 | Regionalisation of Bhagirathi Basin for Natural Resource Management”                                             | University Grants Commission | 01 year             | 1,00,000  | 01.Apr.1990 |

## 7. Publications

| Category                      | Publication Name                                                                                                             | Title                                        | Name of Author                                                                                                                                                     | Reference Link/ DOI Link                                                                      | Publication (Month-Year) |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------|
| JOURNAL PAPER (International) | International Sustainability Indices                                                                                         | Geographies, Planning & Tourism Studios      | Eren, G.Sirin and Parihar,S. M (Joint Author)                                                                                                                      | <a href="https://doi.org/10.5505/gpts.2022.43043">https://doi.org/10.5505/gpts.2022.43043</a> | January 2022             |
| JOURNAL PAPER (International) | Land Use Dynamics and Impact on Regional Climate Post-Tehri Dam in the Bhilangana Basin, Garhwal Himalaya                    | Sustainability                               | Parihar, Seema Mehra, Vijendra Kumar Pandey, Anshu, Karuna Shree, Khusro Moin, Mohammed Baber Ali, Kanchana Narasimhan, Jeetesh Rai, and Azka Kamil (First Author) | <a href="https://doi.org/10.3390/su141610221">https://doi.org/10.3390/su141610221</a>         | August 2022              |
| JOURNAL PAPER (National)      | The Idea of Geospatial-Gender- Based Data Infrastructure for Protecting Women Living in Post Covid-19 Created Global Village | Advances in Social Sciences Research Journal | Seema Mehra Parihar, Tapti Bannerji, S. Sonkar, M. B.Ali (First Author)                                                                                            | DOI:10.14738/assrj.910.13232.                                                                 | October 2022             |

| 8. Books |           |       |                |                   |
|----------|-----------|-------|----------------|-------------------|
| Category | Book Name | Title | Name of Author | ISSN/ ISBN Number |

| 9. Faculty Achievements |                                                                 |                 |                              |                                                                                                                                                        |                           |
|-------------------------|-----------------------------------------------------------------|-----------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Year                    | Category of Achievement                                         | Role            | National/ International etc. | Name                                                                                                                                                   | Date From-To              |
| 2023                    | INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED | RESOURCE PERSON | International                | “Visualizing Trauma Healing Spaces For Women in India : Some Geo- Insights (2017-2023)” in Monthly Lightning Talk Series Women in Health               | 01.Dec.2023 - 01.Dec.2023 |
| 2023                    | INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED | PROFESSOR       | International                | “Visualizing Trauma Healing Spaces For Women in India : Some Geo- Insights (2017-2023)”                                                                | 01.Dec.2023 - 23.Dec.2001 |
| 2023                    | INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED | PROFESSOR       | International                | “Geospatial and Spiritual Insights on Health & Gender Parity in India, in Monthly Lightning Talk Series Women in GIS (wigis) (USA /Virtual)–01-09-2023 | 01.Sep.2023 - 01.Sep.2023 |
| 2023                    | INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED | PROFESSOR       | International                | Key Note Speaker at the UNIVERSTAS FLORES,Ende, Indonesia, “Empowering Healthy and Sustainable Spaces: Secret Mantras from Asia”, (June 2023)          | 01.Jun.2023 - 01.Jun.2023 |

**Prof. SEEMA MEHRA PARIHAR**