



## Dr. Gulab Singh

Assistant Professor Department of Geography Faculty of Social Sciences.

### Qualification

Degree/ Certificate	University /Board	Subject/ Specialization
Ph. D.	MDU, Rohtak	Geography
M. Tech.	MDU, Rohtak	Geoinformatics
M.A.	MDU, Rohtak	Geography
B.A.	MDU, Rohtak	Geography

### Contact Info

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### Experience

#### Teaching Experience

Position	Period
Assistant Professor, Department of Geography, Ch. Devi Lal University, Sirsa.	2020-Current
Instructor in Ministry of Skill Development and Entrepreneurship, National Skill Training Institute for Women, Panipat, Haryana.	2018-2020
Assistant Professor, Department of Geography, KVA DAV College for Women, Karnal, Haryana	2013-2018

### Research Area

- Water Resources and Management
- Geo-informatics (Advanced Remote Sensing & GIS, Lidar, Digital photogrammetry)
- Environmental problems
- Socio-ecological transformations

### Research Interests

Water related problems

### Professional Recognition/Awards/Scholarships

- Qualified for eligibility for Lectureship in the UGC-NET exams held on June 2011.

- Organised Secretary in One Day GIS Based Workshop.
- Volunteer in International Conference,
- Computer Course Completed with A Grade Certificate.

- Merit in Geography and Public Administration at College Level.
- 1<sup>st</sup> position in Essay Competition at National Level Competition.
- A Certificate in NCC in Air Wing.
- 3<sup>rd</sup> place in Drill Competition at No. 1 Haryana Air San NCC Hisar.

## **Publications**

### **Papers**

1. Gulab, Dr. Mehtab Singh, Dr. Suresh Kumar (2019), "Causes and Temporal Inventory of Water Logging and Salinity: A Case Study of Rohtak District, Haryana", Published in IJRAR UGC Approved (Journal No: 43602) & 5.75 Impact Factor Volume 6 Issue 2, PAPER ID : IJRAR2001441. E-ISSN 2348-1269, P- ISSN 2349-5138
2. Gulab, Dr. Mehtab Singh, Dr. Suresh Kumar (2019), "A Major Issue of Water Logging and Salinity: A Case Study of Rohtak District, Haryana", International Journal of All Research Education and Scientific Methods (IJARESM) an ISO & UGC Certified Peer-Reviewed Multi-disciplinary Journal, ISSN: 2455-6211, Volume 7, Issue 3, Impact Factor: 2.287.
3. Gulab (2014), "Impact of Water Logging and Salinity on Agriculture and Socio-Economic Status in Rohtak and Jhajjar District", International Journal for Research in Applied Science & Engineering Technology (IJARASET), ISSN: 2321-9653, Volume 2, Issue IV, Impact Factor: 5.947. Paper ID: IJARASET443.

### **Book Chapters**

1. Gulab (2015), "Eutrophication: A Major Issue – A Case Study of Rohtak District, Haryana", pp 50-62, Socio Ecological and Adaptation Challenges to Climate Change Mitigation, By Mohinder Slariya, Series: "Advances in Environmental Sociology" Vol. VI. ISBN NO. 9781523648184.

## **Paper Presentation in National/International Seminars/Conferences**

### **State**

1. Presented paper on “Declining Sex Ratio in Haryana” in a State Level Seminar organized by Department of Geography KVA DAV College for Women, Karnal, Haryana on February 16, 2008, Sponsored by UGC.

### **Regional**

1. Presented paper on “Demarcation of Flood Susceptible Zone and Its Factors in Haryana” in a State Level Seminar

organized by HARSAC, Hisar, Haryana on March 21 – 22, 2017, Sponsored by Indian Society of Geomatics.

### **National**

1. Presented paper on “Impact of Water Logging and Salinity on Urbanisation and Agriculture in Rohtak and Jhajjar District” in a National Seminar organized by Department of Geography Meerut College, Meerut on March 29 – 30, 2014, Sponsored by ICSSR.
2. Presented paper on “Eutrophication a major issue a case study of Rohtak District, Haryana” in a National Seminar organized by Department of Geography KVA DAV College for Women Karnal on November 08, 2014, Sponsored by UGC.
3. Presented paper on “General Explanation of GIS and Remote Sensing” in a National Seminar organized by Department of Geography KVA DAV College for Women Karnal on November 08, 2014, Sponsored by UGC.
4. Presented paper on “Geography as a Science of Technology” in a National Seminar organized by Department of Geography Mata Sundari Khalsa Girls College, Nissing, Karnal on February 24, 2015, Sponsored by SGPC Amritsar.
5. Presented paper on “Role of Space Technology in Resource Management: A Case Study of Rohtak City (Haryana)” in a National Seminar organized by Department of Botany KVA DAV College for Women Karnal on January 21, 2016, Sponsored by DGHE, Haryana.
6. Presented paper on “Environmental Effects on Agricultural Development: A Case Study of Rohtak District, Haryana” in a National Seminar organized by Department of Geography Hindu Girls College Sonipat on February 23, 2017, Sponsored by DGHE, Haryana.
7. Presented paper on “A Geoinformatics Based Study on Water Logging Salinity” in a National Seminar

- organized by  
Department of  
Geography Pt.  
Neki Ram Sharma  
Govt. College,  
Rohtak on  
February 24 - 25,  
2017, Sponsored  
by DGHE,  
Haryana.
8. Presented paper on  
“Temporal  
Inventory of  
Water Logging  
and Salinity: Case  
study Rohtak  
Haryana” in a  
National Seminar  
organized by  
School of Earth,  
Environment and  
Space Studies,  
CUH,  
Mahendergarh on  
November 22 –  
23, 2017,  
Sponsored by  
Ministry of Earth  
Sciences, Govt. of  
India.

### **International**

1. Presented paper on  
“Impact of Water  
Logging and Salinity  
on Agriculture and  
Socio – Economic  
Status in Jhajjar  
District” in an  
International  
Conference  
organized by Dept.  
of Geography, M. D.  
U. Rohtak on March  
14 – 16, 2013,  
Sponsored by The  
International  
Geographic Union  
(IGU).
2. Presented paper on  
“Mapping and  
Analysis of  
Eutrophication at  
Lakhan Majra Block  
in Rohtak Using

- Geoinformatics” in an International Conference organized by Dept. of Geography, M. D. U. Rohtak on March 14 – 16, 2013, Sponsored by The International Geographic Union (IGU).
3. Presented paper on “Impact of Water Logging and Salinity on Environment, Socio – Economic Status and Urbanization in Rohtak and Jhajjar District” in an International Conference organized by Dept. of Geography, Kurukshetra University Kurukshetra on October 04 – 05, 2013, Sponsored by Association of Punjab Geographers (APG).
  4. Presented paper on “Influence of Water Logging and Salinity on Agriculture: A Case Study of Rohtak, Haryana” in an International Conference organized by Dept. of Geography, Kurukshetra University Kurukshetra on February 11 – 13, 2016, Sponsored by 37<sup>th</sup> IIG Meet.
  5. Presented paper on “Environmental and Cultural Factors of Land Use and Land Cover Changes: A Case Study of Rohtak City (Haryana)” in an International Conference organized by Dept. of Geography, Shaheed Bhagat Singh College, University of Delhi, New Delhi on March 18 – 20, 2016, Sponsored by The International Geographic Union (IGU).
  6. Presented paper on “The Current Scenario of Soil and Agriculture Related Issues: A Case Study of Rohtak District, Haryana” in an International Conference organized by Dept. of Geography, Shaheed Bhagat Singh College, University of Delhi, New Delhi on February 05 – 07, 2018, Sponsored by The International Geographic Union (IGU).

## **Conference/ Workshops/Seminars Organised**

### **College Level**

1. Organised one day inter disciplinary workshop on “GIS and Remote Sensing: Trends & Techniques” organized by Dept. of Geography and Botany, KVA DAV College for Women Karnal on October 18, 2014, as Organising Secretary of the workshop.

### **Invited Talks/ Resource Person**

1. Delivered three Practical Session on “Remote Sensing, DIP, GIS” on 05/12/2016 in National Winter School Training Programme in Geospatial Technology. Organized by Dept. of Geography, MDU Rohtak, sponsored by NRDMS, DST, New Delhi.
2. Delivered one Practical Session on “DIP and GIS” on 06/12/2016 in National Winter School Training Programme in Geospatial Technology. Organized by Dept. of Geography, MDU Rohtak, sponsored by NRDMS, DST, New Delhi.

### **Workshops Attend**

1. Attended 21 Days National Level Workshop on “Summer School for Capacity Building and Training Programme for Geospatial Technology” organized by

(HARSAC) on April 29 – 30, 2015, Sponsored by ICHR.

3. Attended 03 Days National Level Workshop on “3 Days Training Programme in Field of Geospatial Technologies” organized by Dept. of Geography, Guru Nanak Khalsha College, Karnal on August 22 – 24, 2015, Sponsored by NRDMS, DST, New Delhi.

Dept. of  
Geography MDU  
Rohtak on June 09  
– 29, 2014,  
Sponsored by  
NRDMS, DST, New  
Delhi.

2. Attended 02 Days  
National Level  
Workshop on  
“Space  
Technology and  
Archaeology”  
organized by  
Haryana Space  
Application  
Centre