

## MONIKA JAIN

Ajmer(Raj.), India.

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## B.A.Honours|M.sc|NET

### CAREER – SUMMARY

<b>Total Experience -</b>	22 + 53 months.	
<b>Designation -</b>	Guest-Faculty.	22 months
<b>Institute -</b>	Department of Remote Sensing & GIS M.D.S.U., Ajmer (Raj.)	
<b>Designation -</b>	Assistant Professor.	53 months.
	Department of Geoinformatics Sangam University, Bhilwara	

### ACADEMICS

<b>Ph.D. (Pursuing) Geoinformatics</b>	-		<b>2022-Present</b>
Sangam University, Bhilwara			
<b>M.A. Geography</b>	-	<b>69%</b>	- <b>2017-2019</b>
Vardhaman Mahaveer Open University, Kota			
<b>M.Sc. Remote Sensing &amp; G.I.S.</b>	-	<b>75%</b>	- <b>2014-2016</b>
Maharshi Dayanand Saraswati University, Ajmer.			
<b>B.A. English Honours</b>	-	<b>62%</b>	- <b>2011-2014</b>
Sophia girls College, Ajmer.			
<b>Senior Secondary</b>	-	<b>79%</b>	- <b>2010-2011</b>
St. Marys' Convent Sr. Sec. School, Ajmer.			

### ADDITIONAL – QUALIFICATIONS

**UGC NET-Geography 2017**

### SOFTWARE - SKILLS

**Arcgis.**  
**ERDAS.**  
**QGIS.**

### DISSERTATION IN MASTERS:

Analysis, Mapping & Management Plan of Environmental Issues in Ajmer City through Remote Sensing & G.I.S.

### **ACHIEVEMENTS-**

- Resource Person in Training Program for newly appointed Junior Engineers (Diploma) of WRD, Rajasthan conducted by Irrigation Management & Training Institute, Kota on 29<sup>th</sup> Nov. 2024
- Resource Person in Training Program for newly appointed Junior Engineers (Diploma) of WRD, Rajasthan conducted by Irrigation Management & Training Institute, Kota on 28<sup>th</sup> March 2024
- Resource Person in Training Program for newly appointed Junior Engineers (Diploma) of WRD, Rajasthan conducted by Irrigation Management & Training Institute, Kota on 27<sup>th</sup> Feb 2024.
- Resource Person in Training Program for newly appointed Junior Engineers (Diploma) of WRD, Rajasthan conducted by Irrigation Management & Training Institute, Kota on 24<sup>th</sup> Feb 2023.
- Resource Person in Training Program for newly appointed Junior Engineers (Diploma) of WRD, Rajasthan conducted by Irrigation Management & Training Institute, Kota on 22<sup>nd</sup> June 2022.
- Resource Person in Training Program for newly appointed Junior Engineers (Diploma) of WRD, Rajasthan conducted by Irrigation Management & Training Institute, Kota on 25<sup>th</sup> April 2022.
- Resource Person in Training Program for newly appointed Junior Engineers (Diploma) of WRD, Rajasthan conducted by Irrigation Management & Training Institute, Kota on 24<sup>th</sup> March 2022.
- Guest speaker in National Webinar on “Applications of GIS & Remote Sensing in Real world” conducted by E-Learning Institute of Geoinformatics Technology on 11<sup>th</sup> July 2021.
- Secured 3<sup>rd</sup> position in Class at the University Examination, 2012.
- Secured distinction in Geography at the University Examination, 2012.

### **SEMINARS, CONFERENCES & WEBINARS**

- Two Days National Symposium on Intellectual Property rights(IPR) Patents & Design Filing-27<sup>th</sup> & 28<sup>th</sup> March 2025
- Presented Paper on “Runoff analysis using SCS-CN Method using the SCS-CN Method” in ICAIR 2025 organised by Sangam University- 10<sup>th</sup> to 11<sup>th</sup> March 2025.
- FDP “Outcome Based Education: Paradigms Shift in Higher Education” Organized by Sangam University & AIU-SU-AADC.
- FDP NEP 2020 Sensitization Program 19<sup>th</sup> June 2024- 28<sup>th</sup> June 2024.
- Member of International Conference RTIAS-2024 Organized by SOBAS, Sangam University.
- Presented Paper in International Conference RTIAS-2024 Organized by SOBAS, Sangam University on Impact Assessment of watershed activities.

- Two Days Workshop on Recent Algorithms for Forest Remote Sensing organized by National Institute of Technology, Karnataka 6-7 Nov. 2023
- Workshop on “Research Ethics, Tools and Altimetrics” organized by IQAC & Research Cell held at Sangam University, Bhilwara on 27<sup>th</sup> July 2023.
- International Workshop (Online mode) on Earth Observations for Sustainable Development in Developing Countries 31<sup>st</sup> May 2023 - 3<sup>rd</sup> June 2023
- Three Days Workshop on Remote Sensing of Cryosphere from 23<sup>rd</sup> March 2023 – 25<sup>th</sup> March 2023 (WRSC 2023).
- Four days’ Workshop on Google Earth Engine organized by IIGST – Sept. 2022.
- National Workshop on Quantitative Techniques & Data analysis organized by Dept. of Geography, Sophia Girls’ College on 15<sup>th</sup> Feb. 2019.
- Two days Training Programme on “Remote Sensing & GIS Technology and its Applications” at RRSC(West)-Feb.2017.

### **MOOC**

- One Month Spoken Tutorial (FOSS) IIT Bombay Course on Python.
- Transform AEC Projects with GIS and BIM – 4 Weeks – Oct 2022.
- Going Places with Spatial Analysis – 4 Weeks – March 2019.
- Do It Yourself Geo Apps – 4 Weeks – Feb. 2019.

### **Off- Campus Outreach Certificate Programmes by IIRS, Dehradun.**

- “Geodata Processing using Python and Machine Learning – 17<sup>th</sup> Feb 2025-28<sup>th</sup> Feb 2025.
- “Workshop on Deep learning in Ecological Studies” on 27<sup>th</sup> Nov. 2024.
- “RS & GIS Applications in Natural Resource Management”-2021
- “Remote Sensing and GIS Applications in Carbon Forestry”-2017.
- “RS & GIS Applications in Water Management”-2017.
- “Microwave Radar Remote Sensing & its Applications”-2017.
- “Remote Sensing, GIS & Global Navigation Satellite System”-2014.

### **Conferences**

- “International Conference on Analytical and Interdisciplinary Research - Sangam University – 6<sup>th</sup> – 8<sup>th</sup> Oct. 2022
- “Geomatics for Natural Resources & Climate Change with special reference to rain-fed Agriculture and water resources.”- P.R.S.C., Ludhiana(Punjab)-2015.
- “Geomatics for Natural Resources & Climate Change with Special Reference to Rain-Fed Agriculture and Water-Resources”-M.D.S.U.,Ajmer(Rajasthan)-2015.
- “Seminar on Sensitisation towards Values through Literature”- Sophia College, Ajmer-2013.
- “Seminar on “Literature down the Ages”-Sophia Girls College, Ajmer-2014.
- “Seminar of Self-Defence”-Sophia Girls College, Ajmer-2013.

### **Webinars**

- FDP On Outcome Based Education & Its Implementations organized by Internal Quality Assurance Cell, Sangam University on 12th and 13<sup>th</sup> April 2022.
- Two Days National Webinar on “ERA OF ADVANCE TECHNOLOGY OF REMOTE SENSING AND GIS IN ENGINEERING” organized by Dept. Of Engineering & Dept. Of Geoinformatics on 29-30 April 2021.
- National Level capacity building program on SMART TRANSPORT AND URBAN MOBILITY organised by CUBE of SAIARD in association with National Institute of Urban Affairs, MoHUA, Govt. Of India on 18-20<sup>th</sup> June 2021.
- FDP on ICT tools for effective Teaching Learning conducted by Sangam University from 26<sup>th</sup> July 2021 – 2<sup>nd</sup> August 2021.
- National Online Seminar on “The status and scope of Geographical Tourism in Mewar Region” conducted on 15-16 July 2021 by School of Arts and Humanities, Sangam University, Bhilwara.

### **Research Paper:**

- Comparative review of Hydrological Models for Runoff Estimation: A Focus on SCS-CN, Topmodel and VIC Approaches in International Journal of Research & Review in Applied Science, Humanities and Technology, Vol 2, April Issue.

### **Roles & Responsibilities:**

- Faculty organizer (Dept. of Geoinformatics, Sangam University) of Spoken Tutorial (FOSS), IIT Bombay.
- Member Mid – Term Exam Conduction Committee at School Level (SOBAS), Sangam University

### **PROFESSIONAL SKILLS**

- Strong Organizational & Time-management Skills.
- In Depth knowledge of Image analysis & Vector data analysis.
- Excellent Presentation, Interpersonal & Communicational Skills.

### **PERSONAL – SKILLS**

Versatile| Enthusiastic | Attentive | Integrity | Committed to work| Sense of Judgment | Rational Decision maker | Punctual | Self- motivated.

