

## CURRICULUM VITAE

### Shashank Sharma

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### Summary

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I have five years plus experienced in the field of remote sensing & GIS and also doing watershed filed survey. Well-versed in quantitative analytical research. Experienced on various Geospatial technology specific projects and multiple various databases. My core expertise are advanced satellite image processing, land cover mapping, time-series analysis, land use and land cover change (LULC) analysis, Field survey based on DGPS & GPS devices. Map production and Creating vector property maps

### Work Experience

Worked with **G.B. Pant** 'National Institute of Himalayan Environment'(NIHE) as a **Project Coordinator** Post for the Project of “Rejuvenation of Kosi River and People Participation” at Almora, Uttarakhand. **(August-2020 to September-2020)**

Worked with Ajmer Development Authority as a **GIS Expert** Post **(February-2020 to 5-August-2020)**

1. Digitized Draft Master Plan (2033) of Ajmer.
2. Digitized Existing Land use and Prepare Base Map of Ajmer Zonal Plan.
3. Marked Objection Suggestions of ADA, Land use Mark on Google Earth, Digitized Government Land of ADA on GIS Software.

Worked with Renoverse Industry Private Limited, Udaipur as a **GIS Expert** Post for the Project of “GIS Based Study of Alsigarh Watershed, Udaipur” **(From-November 2019 to December 2019)**

1. Procured Resourcesat-2 LISS-IV MSS Satellite Imagery from NRSC, Hyderabad of Alsigarh Watershed.
2. Georeferencing and Digitization the SOI Toposheet, Cadastral map, Drainage, DEM, Vegetation Indices etc.
3. Land use Classification, Soil Moisture Index as per the project requirement

Worked with Rajasthan Geospatial Service's, Jaipur as a **GIS Expert** Post for the Project of "Zonal Development Planning of Nainwa" (**From-April 2019 to August 2019**)

1. Collecting and interpreting geographical data for Nainwa Zonal Plan
2. Digitizing Land use map of Nainwa, Doing GPS Survey of Nainwa Zonal Area.

Worked with MGNREGA at Jila Parishad, Ajmer as a **GIS Expert Post** for the Project of "Technical Support for Operationalization of Saksham GIS Faculty Centre for Strengthening INRM (Integrated Natural Resource Management) Plan Preparation Supported by Geospatial techniques in Rajasthan under MGNREGA". (**From Mid-August To March 2019**).

1. Delineate Groundwater Potential Zones of Rajasthan State.
2. Working in NRSC Bhuvan Portal, for using different thematic maps.
3. Georeferencing and Digitization the cadastral maps.
4. Give GIS Training to all JTS's and JEN's for NRM Planning.
5. Effectively communicate between team members regarding logistics, operations etc.

Worked with NABARD Consultancy Service Pvt Ltd, Jaipur as a **GIS Expert and District Coordinator** of MELD Project (**February-2015 to August-2018**)

1. Collecting and interpreting geographical data for Impact Assessment of Watershed Area.
2. Done Impact Assessment of Ajmer and Bikaner Division 234 IWMP Watershed Blocks (25% Micro Watershed Area).
3. I was purchased 468 LISS-IV MSS Satellite Imagery from NRSC, Hyderabad of Ajmer and Bikaner Division 234 IWMP Watershed Blocks (25% Micro Watershed Area).
4. I have leaded the team as a District Coordinator Post and Collecting GPS Coordinates, Monitored Watershed Area.
5. Georeferencing and Digitization the Satellite Imagery.
6. Conducted analysis and presented data from multiple sources including vector, raster, databases,  
Updating spatial data and support in research and acquisition of spatial data. Maintained GIS database and created tools, which allows user to access data.
7. Creating, maintaining, and updating GIS data and supported in statistical analysis Digitized GIS data and manipulated data to meet user needs.
8. Prepare Monthly, Quarterly, Annual, Preparatory Phase, Work Phase Report of IWMP MELD Ajmer District Watershed Area.

## **Educational Qualification**

- M.Sc. Remote sensing & Geoinformatics in 2013 from MDS University, Ajmer
- MA(Geography) in 2009-2011 from MDS University, Ajmer
- BA (Geography, Economics, Political science) in 2006-2009 from MDS University, Ajmer

## **Research Experience**

S. Sharma ;( 2015) **“Delineate Groundwater Potential Zones of Ajmer District** “International Journal of Remote Sensing and GIS, Volume 4, Issue 2, 2015, 41-40 ISSN 2277–9051

I have done research on Impact Assessment of Integrated Watershed Management Programme (IWMP) Under Mukayamantri Jal Swalamban Yojana and Using Remote Sensing Technique of IWMP-4, Block-Masuda, District, Ajmer,Rajasthan

I am working research paper on Urban Sprawl Mapping of Ajmer City and Its Tentatively Publish in December 2020

## **Trainings Program and Workshops**

- Participated in National Conference on Science Day on 28th to 29th Feb.2012 at MDS University, Ajmer.
- Participated in National Conference on DGPS & Bhuvan on 25<sup>th</sup> March 2013 at MDS University, Ajmer.
- Participated in the Training Program on IGIS Software (Integrated GIS & IP Software) organized by Dept. of Remote Sensing and Geoinformatics & ISRS Ajmer Chapter at MDS University, Ajmer from 23<sup>rd</sup> to 25<sup>th</sup> May,2013.
- Participated In “EDUSAT” Basics course on “Remote Sensing, GIS, GPS” organized by IIRS Dehradun at MDS University, Ajmer 2011.

## Technical Skills:

1. **GIS Software:** ARC GIS 10.5, Erdas Imagine 2015, ENVIS 4.8, QGIS 3.14, Global Mapper 20.0, Google Earth Pro, etc.
2. **IT Skills:** Tally 9.0, C++, Basic Computer Hardware Assembling, Handled Various Types of Computer Software, RSCIT Computer Course from Kota Open University, Kota
3. **Field Equipment's:** Trimble DGPS, Garmin and Trimble Handled GPS

## Personal Details

Date of Birth	:	29th Sept. 1988
Nationality	:	Indian
Language	:	Hindi & English
Marital Status	:	Married
Address	:	231/27, Avadhpuri Jones Ganj, Ajmer, Rajasthan-305001

## Disclaimer:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars

Date: -02-10-2020

Place: -Ajmer



Shashank Sharma