

# Curriculum Vitae

## **SHEELU SINGH**

UGC – NET Qualified

Integrated M.Tech in Geoinformatics

Ranchi, Jharkhand, India-835205.

Email: *suhanisingh8642@gmail.com*

Mobile: +91-8434977746, +91-6200318539



### **About Me:**

Completed Masters in Integrated M.Tech in Geoinformatics from Central University of Jharkhand. As an enthusiastic fresher with highly motivated and an excellent ability to collect and interpret geographical data. Seeking a quality environment where my knowledge can be shared and enriched. Looking for opportunities where I can improve my quality and skills, which offer opportunities for long-term advancement and growth. And as an ambitious and hard-working individual, I use a creative approach to solve problems and always energetic and eager to learn new skills.

### **Educational Qualifications:**

Degree	Institution	University/Board	Passing Year	CPI / %
Integrated M.Tech in Geoinformatics	Central University of Jharkhand	UGC	2020	8.04 CGPA
Intermediate (12 <sup>th</sup> )	Maharana Pratap Intermediate Girls College	Uttar Pradesh Board	2015	75.06%
High School (10 <sup>th</sup> )	Pt. Deen Dayal Senior Secondary High School	Uttar Pradesh Board	2013	85%

### **Achievements:**

- Qualified for UGC-NET in Geography (December 2019).
- C Grade certificate in Course of Computer Concepts from NIELIT.
- Certificate of Basics of JAVA Script from ESRI, 2019.
- Certificate of Google earth Engine in remote Sensing and GIS from UDEMY, 2019
- Certification for Presented a Poster at International Conference on Environmental Challenges and Sustainability, Central University of Jharkhand, 2018.

### **Research Experience: ~ 1 Years**

- Spatial mapping of winter wheat using C-band SAR (Sentinel-1A) data and Yield prediction in Gorakhpur district, Uttar Pradesh, India. (B.Tech project)
- Crop Gross Primary Productivity and Yield Estimation Using Fused Landsat and MODIS Satellite Data using Landsat derived LUE Model over Jharkhand. (M.Tech project)
- Site suitability analysis of rain water harvesting structure through remote sensing and GIS technique, A case study of Seoni Block, Seoni District (Madhya Pradesh), India (Summer Internship Project)
- Coastal Mangrove Species Identification and its Chlorophyll and LAI Estimation using Hyperspectral and Optical RS in Bhitarkanika National Park (Field Work Project during M.Tech Course)
- Wetland mapping and monitoring the dynamics over different years of kaziranga National Park and Deepor Beel, Assam, India (Field Work Project during M.Tech course)

### **Technical Skills**

- Arc MAP
- Erdas IMAGINE
- SNAP (Microwave Data Handling)
- Microsoft Office (MS word, MS PowerPoint, MS Excel)
- QGIS
- ENVI
- R –Studio
- Google Earth Engine

- Basics of HTML & CSS
- AUTOCAD
- Windows 10, 8 , 7

### **M.Tech Thesis:**

**Title: “Crop Gross Primary Productivity and Yield Estimation Using Fused Landsat and MODIS Satellite Data with Landsat derived LUE Model over Jharkhand”.**

*(Thesis Supervisor: Dr. Bikash Ranjan Parida, Assistant Professor, Central University of Jharkhand, Ranchi)*

### **List of publications:**

1. Spatial mapping of winter wheat using C-band SAR (Sentinel-1A) data and Yield prediction in Gorakhpur district, Uttar Pradesh (India). B. Parida, S. Singh (Accepted)

### **Conferences / Workshops Attended:**

- Attended **National Workshop on Popularisation of Remote Sensing based Maps and Geospatial Information** organized by **ISRS & ISRO**, 2017.
- Attended **International Conference on Environmental Challenges and Sustainability** organized by Central University of Jharkhand, 2018.
- Attended **21 days Online GIS Training Program using QGIS**, Conducted by Department of Geography, School of Earth Sciences, Central University of Karnataka, India, jointly with State Institute of Urban Development, Karnataka, India. August 2020.

### **Co-curricular Activities:**

- Education Field Trip to Orissa to study the Mangrove Species and its Biophysical parameter at Bhitarkanika national Park.
- Education Field trip to Assam to study the Wetland Dynamics of Deepor Beel and kaziranga National Park.
- Runner Up at “Best out of Waste” and “Poster A Mania” in ENERGIA organized at CUJ, Ranchi.
- Member of NSS at CUJ, Ranchi.

- Volunteer at International Conference on Environmental Challenges and Sustainability, Central University of Jharkhand, 2018

**Personal Details:**

Father's Name : Mr. Raj Kumar Singh  
Mother's Name : Mrs. Anuradha Singh  
Date and Place of Birth : 29/12/1998, Gorakhpur  
Sex : Female  
Marital Status : Single  
Nationality : Indian  
Languages known : English, Hindi, Bhojpuri


**Contact Details:**

Correspondence Address: C/o Raj Kumar Singh House No. -243, Shukla Nagar Colony, Near Hotel Fish King, Sahjanwa, Uttar Pradesh, 273209.  
Permanent Address: C/o Param Hans Singh, Village-Itailee, Post-Khajani, District-Gorakhpur, Uttar Pradesh, 273212.  
Institutional /Personal Email: *suhanisingh864@gmail.com*  
Contact number: 08434977746

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.

Place : Ranchi, Jharkhand



Date : 30<sup>th</sup> may 2020

(Sheelu Singh)