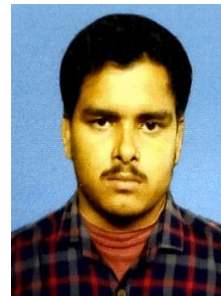


ARPAN PANDA

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Career Summary

As a seasoned GIS professional with [one] years of experience, I possess a unique blend of technical, analytical, and problem-solving skills. My expertise spans across various GIS software, including ArcGIS, QGIS, and ERDAS Imagine, with a strong foundation in spatial analysis, data visualization, and mapping.

I have demonstrated exceptional skills in data management, spatial modeling, and geospatial analysis. and have experience with geospatial data formats, including shapefiles, GeoTIFFs, and PostGIS.. I am committed to staying up-to-date with the latest GIS trends, technologies, and best practices, ensuring that my skills remain relevant and in-demand.

Work Experiences

Junior Project Fellow (2023.11.20-2024.12.31)

The Institute of Forest Productivity

My work is: mostly In a DPR project, forestry work in GIS involves analyzing forest cover, vegetation density, and tree species distribution. GIS mapping and spatial analysis help identify areas of deforestation, habitat fragmentation, and forest degradation. Foresters use GIS to create thematic maps, assess forest health, and develop sustainable management plans through GIS.

Work Nature

2023

Literature Reviewed About the previous DPR project.

Literature Reviewed very few reports and prepared River Demography

Report for collection field data.

Field data collection (For high Priority village survey for zone buffer in 5km both side of the riverscape.

2024

Data entry, report writing, cleaning, sorting and GCP overlay of the field data in both riverscape.

Prepared natural landscape map, and agriculture landscape map division wise, Intervention location map, Spring map .Find out the area of forestry intervention based on MCDM Priority model.

Prepared origin point map in both river, drainage map for three states, priority wise LULC maps.

Prepared 3d map in both river basin, study area map for both river shape area

GIS& Remote Sensing Software Proficiency

ArcGIS, ENVI, ERDAS, QGIS, Google Earth Pro, GEE, ARCPY, Handheld GPS, Total Station, LDM.,DGPS , Microsoft Office etc

Education

BANKURA UNIVERSITY

Master of Science in Geo-Informatics

91.2%

2021-2023

Master Thesis

Thesis title (M.Sc.) 4th Semester “Changing Nature of Glacier and its Dynamics in and around the Parvati Glacier (Himachal Pradesh) using Geo-Spatial Techniques”.

Nature of Master Thesis Work

This study uses geospatial approaches to evaluate changes in the Parvati Glacier in the Indian Himalayas. Significant glacial retreat is seen in satellite photos and topographic data, as evidenced by decreased volume and surface area. Glacier dynamics are influenced by meltwater discharge, rock debris cover, and climate. Sustainable water resource management and climate change adaptation techniques are informed by the study's insights on how climate change affects mountain glaciers.

Dissertation Paper

“Shoreline Shifting and Prediction using Remote sensing Techniques”

The coastal region of West Bengal is undergoing swift coastline changes as a result of accretion and erosion. To assess coastline shifting and forecast future changes, this study makes use of remote sensing tools. DSAS software and GIS were used to analyse satellite photos from 1971 to 2022. The findings reveal notable accretion along the Digha-Shankarpur coastline and erosion in the Sundarbans region. Predictive models show that the Digha-Shankarpur region is experiencing more accretion while the Sundarbans are continuing to erode. The region's efforts at conservation and coastal management can benefit from these discoveries.

VIDYASAGAR UNIVERSITY

Bachelor of Science in Geography

81.1%

2018-2021

COMPUTER KNOWLEDGE

Diploma In Information Technology (DIT) From Netaji Subhas Computer Saksharta Mission

Language Skills

- English
- Hindi
- Bengali

Declaration

"I, [Arpan Panda], hereby declare that the details provided in this CV are accurate and reliable. I understand that providing false information may result in my application being rejected or, if employed, termination of my contract."

Sincerely

A handwritten signature in blue ink, appearing to read "Arpan Panda", written in a cursive style.