ANIMESH GHOSH

📞 8927057942/8789228716

@ animeshghosh022@gmail.com

OBJECTIVE: To be potential resource to the organization where I can utilize all my skill and knowledge which would help the organization to grow & further enhanced my growth profile it would be my never ending dedication to maintain the spectrum of integrity, honesty & character.

AREA OF INTEREST:

- Geographic Information System (GIS)
- Global Positioning System (GPS)
- Remote Sensing
- Urban Planning
- Environmental Studies.

TECHNICAL:

- Digital Image Processing of High Resolution satellite images & Image Interpretation & Analysis. Object based Image Analysis
- 2D mapping from High Resolution Satellite Images.
- 3D Stereo Digital Photogrammetric (Terrain creation & Ortho-rectification, Image processing of high resolution satellite data), Remote Sensing & GIS development, assessment, management. And generation of DEM, Slope & Contour.

SOFTWARE SKILLS:

Digital Image Processing	: ERDAS Imagine
GIS	: ArcGIS
Photogrammetry	: Imagine Photogrammetry
GPS, DGPS	: GPS & DGPS Handling & Post processing
Open sources	: Q-GIS, Google Earth.

SYSTEM:

Operating Systems	: Windows, XP, MS-DOS.
Application Packages	: MS-Word, MS-Excel, MS-Access, and Power Point & Internet.

TECHNICAL SKILLS:

- G.P.S
- D.G.P.S
- M.D.T

KEY SKILLS:

- GIS software's
- Documentations & Reporting
- Quality improvement processes
- Remote Sensing, GPS & DGPS

EMPLOYMENT DETAILS:

1.   August 2018 – Till date

Organization Name   : **MAP_IT, Bhopal**
Designation   **:** GIS Executives

A.   Project Title   : Khasra Mapping
        Role   : GIS Analyst & Team Member
        Software   : ArcGIS 10.5, Google Earth, AutoCAD Map 2010

Project details/Work Done:
- Map digitization on 1:1 scale (1:3960)
- Quality check and layout generation
- Drawing to shape conversion
- Geo-referencing of digitized Khasra data using Ortho-rectified satellite data.

B.   Project Title   : Image to Image Georeferencing
        Role   : Team Member & Compilation of data
        Software   : ERDAS Imagine, Google Earth

   Project details/Work Done:
        Image to Image Georeferencing Auto Sync tool

C.   Project Title   : Crop Identification using LISS-IV & Sentinel-2 data
        Role   : Team Member & Compilation of data
        Software   : ERDAS Imagine, Google Earth, ArcGIS 10.5

   Project details/Work Done:

   Seasonally crop identification using LISS-IV & Sentinel-2 data and other planning aspects.

- Image segmentation with suitable scale parameter.
- Using different model- NDVI, LAI, RVI, GNDVI, SLAVI
- Topography - Slope, Aspect, Hill shade generation.

D.   Project Title   : **Land use & Land cover mapping using Sentinel 2 data**
        Role   : Team Member & Compilation of data
        Software   : ERDAS Imagine, Google Earth, ArcGIS 10.5

   Project details/Work Done:

   Establishment level-1 classification for entire Madhya Pradesh.

- Image Classification, Image Enhancement
- Image recode and post processing of classified satellite image.

2.   Sep 2017 – August 2018

Organization Name	: **Quantum Asia Pvt Ltd**
Role	: GIS Analyst&Team Member, Association and Planning of Project
Designation	: Digitization Operator
Software	: ArcGIS 10.5, Google Earth, ERDAS Imagine
Project Name	: AMRUT (Atal Mission for Rejuvenation and Urban Transformation), Rajasthan

Project details/Work Done:

Government of India has launched Atal Mission for Rejuvenation and Urban Transformation (AMRUT) in 2015.Ensure that every household has access to a tap with assured supply of water and a sewerage connection. Increase the amenity value of cities by developing greenery and well maintained open spaces. Reduce pollution by switching to public transport or constructing facilities for non-motorized transport (e.g. walking and cycling) one purpose of the Mission is to improve governance through a set of Reforms. During the Mission period, 11 Reforms will be implemented, of which Preparation of Master Plan using GIS is one of the most important reforms. The elements need to be codified in GIS to integrate with other.

- Drawing Building Footprint
- Drawing Road Center Line
- Drawing Land Use Land Cover (III Level)
- Quality check and layout generation
- Base Activity

ACADEMIC PROJECT:

IN POST GRADUATION:

Project Name: "**An Integrated Approach for Preparation of Land Resources Management plan using Remote Sensing and GIS**" -A case study of Keolari Block, Seoni District, Madhya Pradesh, India.

   Role   : GIS Analysis

Objective:
- Protect, conserve and improve the land resources for efficient and sustained production.
- Recommendations for future work and provide guideline for Land Resources Management prospecting
- Benefit Of Farmer

Venue: Madhya Pradesh Council of Science and Technology (MPCOST), Bhopal, Madhya Pradesh

EDUCATION QUALIFICATION:

Degree	Board/University	Percentage of Marks	Year of Passing
MSC. Remote Sensing & Geo-Informatics	Maharshi Dayanand Saraswati University, Ajmer, Rajasthan	69.50	2017
B.A. (Hones.) Geography	Viola Behave University, Hazaribagh	58.50	2015
Higher Secondary	WBCHSE	58	2010
Secondary(10th)	WBBSE	60.50	2008

EXTRA CURRICULUM:

- Basic knowledge of C Programming, Visual basic.
- Field trip on Dumpy Level, Prismatic Compass, Transit Theodolite Surveying, GPS.
- Off - Campus Outreach Certificate Program on Geospatial Technologies for Urban Planning sponsored by Indian Institute of Remote Sensing (IIRS), held during February 11 to March15, 2016.
- Participated on the Pre - Conference Tutorials on "SIS -DIP", held during October 6-7, 2015 at M.D.S. University, Ajmer (Raj) India.
- Participated in National Conference on "Geometrics for Natural Resources & Climate Change with Special Reference to Rain - Fed Agriculture & Water Resources ", held during October 8-9, 2015 at M.D.S. University, Ajmer (Raj.), India

CORE SKILL:

GIS **(Geographical Information System)**	Georeferencing & Digitization of Top sheet, Satellite Imagery Image registration; Data exploration; Data editing &Analysis: Spatial &Non-spatial integration, spatial data editing. &Analysis; Terrain mapping : DEM, TIN, Slope, Contour, Profiling Aspect; View shed& Watershed-analysis; Network analysis; Geocoding Land use planning.
Remote Sensing	Digital Image Processing: Satellite Image Processing; Supervised Unsupervised classification;
Photogrammetric & **Digital Photogrammetric:**	Aerial photograph, Photographic scale; Height Measurement
G.P.S./D.G.P.S.	Determination of latitude & longitude; Collection of waypoint; Tracking through GPS; downloading handheld GPS data into software, Mapping &editing.
Computer Cartography	Cartographic communication &visualization: Cartographic Symbology, Map design & map layout; Map Generalization; Geovisualization: Statistical representation in GIS, DensityMap, Distribution map.

REFERENCE:

Dr.S.Dutta (H.O.D), Department of Remote Sensing and Geoinformatics,

MDS University, Ajmer , Rajasthan

Email-drsubrotodutta@gmail.com

Mob-9414006839

Dr. Sandeep Goyal, Head of MPRA Division, Madhya Pradesh Council of Science & Technology (MPCOST), Bhopal, Madhya Pradesh

Email-sgoyalbsg@gmail.com

Mob-942537019

PERSONAL DETAILS:

Name   : AnimeshGhosh
Date of Birth   : 15 March 1993
Address   : C/O --   Ajoy Kumar Ghost, Village – Karulia ,P.O. –Kaithan ,
                                                  District – Burdwan , West Bengal -713143
Mother Tongue   : Bengali
Language known   : Hindi , English , Bengali
Contact Details   : +91-8927057942 / 8789228716
Email id   : animeshghosh022@gmail.com

DECLARATION:

I hereby, declare that all the information furnished above is true to the best of my knowledge and belief. I also fully understand that if at any stage it is discovered an attempt has been made by me to willfully conceal or misrepresent the facts, my candidature may be summarily reject or my employment may be terminated.

 Place: Bhopal Madhya Pradesh (Currently)   (Animesh Ghosh)

Date: 26th March 2019