



DAMINI DOGRA

Trainer, Capacity
Builder, RS & GIS
Expert.

Personal Info

Father's Name- Mr.
D.S. Dogra

D.O.B-
10th October,1992

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Address-8, Keshav
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Software Skills

QGIS, MS Office,
ArcGIS, AgiSoft,
Bentle Context
Capture, Global
Mapper, AutoCad,
Wipro Annotation,
Video Labelling,
Bernese, RGPR,
ROSS, RES2DINV.

Field Technical

GPS/DGPS Survey,
GPR, Resistivity
Method (Wenner,
Schlumberger,
Diploe),
Seismograph,
Brunton.

Languages

English, Hindi,
French, Punjabi,
Dogri

Education-

Post-Graduation Diploma- Disaster Management & Mitigation-2018 (IGNOU)

M.Sc.- Geology-2016 (HNBGU)

B.SC-(Physics, Maths, Geology)- 2014 (HNBGU)

Intermediate- PCM- 2011- (CBSE)

High School- 2009- (CBSE)

Experience-

Project entitle- "Uttarakhand Precision Agriculture in Pauri Garhwal using GIS & Advance UAVs Techniques"

- Drone Image Processing creation of Point cloud, Mesh, DEM, Orthomosaic, 3D modelling, Contour Mapping.
- Digitization (Crop & Soil Mapping)
- Vegetation indices- NDVI,
- Agro-Climatic Models
- Super wised Classification.

Software Used-AgiSoft Metashape, Bentley Context Capture, QGIS, Arc Map

Company- WindHawk Innovation Pvt. Ltd.

Client- Government

Project entitle- "Tumkur Smart City"

- Drone Image Processing creation of Point cloud, Mesh, DEM, Orthomosaic, 3D modelling, Contour Mapping.
- Digitization Building footprints, Parcel Mapping.
- Classification of Utility features and elements of smart city.

Software Used-AgiSoft Metashape, QGIS, Global Mapper, Autocad Arc Map

Company- WindHawk Innovations Pvt. Ltd.

Client- Government

Project entitle- "Falcon_Blue"

- Findings of water bodies for future Navigation.
- Digitization.
- Classification of water bodies.

Software Used-QGIS, Arc GIS

Company- Genesys International Corp. Ltd.

Client- Apple

Project entitle- "EYES"

- Demarcation of Visual angles of Car drivers for Driverless cars.
- Annotation and Meta-data identifications.
- Auto Pixel Co-relation.

Software Used- Wipro Annotation Tool (Customized), QGIS

Company- Genesys International Corp. Ltd

Client- LGE, Korea

Project entitle- "Video Labelling"

- Demarcation of Trajectory Dynamics for Driverless automobiles.
- Trajectory Analysis, Meta-data identification.

Software used- Video Labelling (Customized), QGIS

Company- Genesys International Corp. Ltd.

Client- LGE, Korea

Project entitle- "Crustal Deformation in the parts of Uttarakhand Using Satellite Image Data & Ground Based Geophysical Techniques"

GNSS per day data Processing of Total Station Campaigns and Fluctuation analysis for crustal deformation (Found **Nepal Earthquake & Afghanistan Earthquake_2015**). GIS Mapping for Lineaments to find the in-depth faults and motional orientation. Total Station Data Acquisition, GPS & DGPS Survey. Sub-Surface profiling with the help of GPR and Electrical resistivity (Found **Bahuwala fault, a Neo-tectonic**)

Software used- Bernese 5.2, Arc GIS, RGPR, ROSS, RES2DINV, QGIS **Field Equipment-** DGPS Campaign setup, Ground Penetrating Radar, Electrical Resistivity kit, Brunton, Seismograph.

Organization- Indian Institute of Remote Sensing- ISRO

Roles & Responsibilities-

Training- Including documents preparation as per the updates and latest specifications upto Goal Sheets.

R&D- Internal tool enhancement for automation and feasible work process

Performance Improvement Plans- Finding them from FTR and PMR bases

Client Interaction- for Query, feed-backs and Updates

Root Cause Analysis- to ensure final delivery meet the client expectations

Update- recent feedback and client requirements on weekly basis

Data Management- Management of all documents related to process, Quality and client requirements for audit

MOM

ISO documentation

Weekly Meeting- with Production, QC & QA team for process on same track

Data Delivery- Delivery of processed data after ensuring the final expectation before dead line

Team Handling – Upto 35 Associates

Data Processing, Image acquisition, Digitization.

Proposal Development , Pilot Project Documentation.

New Project Implementation- Preparation of easy workable methodology, using customized methods, to improve efficiency & Quality

Achievements-

Imparted training for Bernese 5.2 GPS software to the Geo-scientists of Geological survey of India-Kolkata

Trained 450+candidates for Different Projects.

Conducted technical interviews of 250 candidates (official, outdoor, Campus placements)

Awarded as a best employee at Genesys International Corp. Ltd.

Managing Cultural Events with HR team

Awarded for the successful completion of water management conference Programme, **CGWP**,.

Part of Applied Planetological study within the Arabian Coasts of India, National Institute of Oceanography, GOA

Organizational Experience-

November 2019- Present- WindHawk Innovations Pvt. Ltd.,Noida

March 2018 to November 2019- Genesys international Corp. Ltd., Dehradun

October 2015 to June 2016- Indian Institute of Remote Sensing, ISRO, Dehradun

Declaration-

I hereby declare that the above-mentioned information is genuine and I bear the responsibility for the authenticity of the all particulars.