

# **ANITHA REVI**

Geologist - GIS Specialist.

(Senior Research Fellow, DRDO, New Delhi, India)

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## **OBJECTIVE:**

To obtain a job within GIS field that will challenge me and allow me to use my education, skills and experiences in a way that is mutually beneficial to both myself and my employer and allow for future growth and advancement.

## **EDUCATIONAL CREDENTIALS:**

<b>Qualification</b>	<b>Name of the Institution</b>	<b>Year of Passing</b>	<b>% Of Marks Obtained</b>
Post P.G. Diploma in Geoinformatics	Geological Survey of India Training Institute, Hyderabad, Telangana, India	2015(June)	94
M.Sc. (Applied Geology and Geoinformatics)	Central University of Karnataka, Karnataka, India.	2014	76
B.Sc (Geology)	M G University, Kottayam, Kerala, India	2012	80
Higher Secondary (Math Science)	Board of Higher Secondary, Kerala, India.	2008	70
SSLC	Board of Public Examination, Kerala, India.	2006	73

## **WORKING EXPERIENCE:**

<b>Organization</b>	<b>Designation</b>	<b>Nature of work</b>	<b>Time period</b>
Defence Terrain Research Laboratory, DRDO.	Junior Research Fellow	Landslide studies, Assessment, management, hazard mitigation and development of early warning system for landslides. Landslide susceptibility mapping, Modelling.	16 August2016-16 August2018
Defence Terrain Research Laboratory, DRDO.	Senior Research Fellow	Landslide susceptibility mapping, Modelling (Statistical Methods), Total station data analysis, UAV data processing, Control Measure for Landslide Site	16 August2018-16 August2020

### **CONFERENCE ATTENDED:**

- **Anitha Revi**, Sumit Sharma, Sunil Dhar, Dr. L. K. Sinha (2019): *GIS Based Comparative Study of Landslide Susceptibility using Certainty Factor Model and Artificial Neural network of Rishikesh-Mana route, India*. International conference C2E2 Himalaya, IIT Mandi, India.
- **Anitha Revi**, Sumit Sharma, Sunil Dhar, Dr. L. K. Sinha (2018): “*GIS Based Comparative Study of Frequency Ratio and Information Value Methods in Landslide Susceptibility Mapping*”. National Workshop on Landslide held at Dept. of Geology, L.S.M. Govt. P.G. College, Pithoragarh, India.
- Selected in, national level training course on “**Early Warning and Communication**” during 18-22 June 2018 at **National Institute of Disaster Management**, Ministry of Home Affairs, Govt. of India.
- Completed basic course on “**Remote Sensing, Geographical Information System and Global Positioning System**” conducted by **Indian Institute of Remote Sensing (IIRS)**, sponsored by National Natural Resources Management System (NNRMS)” through an Off-Campus Outreach Certificate Program from 06-08-2012 to 22-10-2012.
- 38th Asian Conference on Remote Sensing on Space Applications: Touching Human Lives, October 23-27, 2017 New Delhi (India).  
*Poster presented: Enrich Mountain GeoINT using Open Source Thermal Satellite Images.*  
Sujata Dash, **Anitha Revi**.
- 4<sup>th</sup> Conference on science & geopolitics of Himalaya-ARCTIC-ANTARCTIC. November 30-december 1, JNU, New Delhi.  
*Poster presented: Exploring Landsat Images for Glacier Monitoring: an indicator of climate change occurrence in Himalaya.* Sujata Dash, TS Rawat, **Anitha Revi**, M R Bhutiyani.

### **SOFTWARE KNOWN:**

- Arc GIS 10.1, 10.3 versions
- Erdas IMAGINE
- QGIS(Open source)
- ENVI
- AGISOFT(UAV data processing)
- SPSS(statistical Analysis)
- Ms Office

### **PROFESSIONAL SKILLS:**

- Landslide susceptibility mapping using statistical methods
- UAV Data processing including DEM and Ortho photo creation
- Experience in creating spatial data and maintenance
- Knowledge in raster and vector data analysis in Esri Arc GIS
- Expertise knowledge in Esri spatial Analyst, Data management, Analysis, 3D Analyst tools.
- Bi-variate and Multivariate statistical modeling
- Digital Image Processing using Arc GIS, ERDAS software.
- Experience in handling satellite images, Topographic maps and interpretation.
- Field survey and knowledge in handling DGPS

### **DISSERTATION:**

- **Use of Remote Sensing and GIS in Morphometric and Geomorphological Studies of Coastal Zones of Kerala** as part of post PG Diploma Course.
- **Forest Degradation of Neyyar Catchment Area Using Remote Sensing and GIS** done at National Centre for Earth Science Studies (NCESS), Trivandrum.
- **Heavy Mineral Estimation at Meenachil River Basin Kidangoor**, Kottayam as a part of BSc course.

### **PERSONAL INFORMATION:**

Gender	Female
Father's Name	T.N. Raveendran
Mother's Name	P K Sarasamma
Lood Group	A+
Nationality	Indian
Marital Status	Single
Dob	05-01-1991
Language	English, Hindi, Malayalam

### **References:**

#### **Sh. Sumit Sharma**

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 Defence Terrain Research Laboratory  
 Defence Research Development Organization  
 Metcalfe House, Delhi  
 India  
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 Email: [drdosumit@gmail.com](mailto:drdosumit@gmail.com)

#### **Dr. Sanjay Das**

Director,  
 PGRS Division  
 Geological Survey of India training Institute, Hyderabad.  
 Telangana ,India  
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 Email: [sanjay.das@gsi.gov.in](mailto:sanjay.das@gsi.gov.in)

### **DECLARATION**

I confirm that the information provided by me is true to the best of my knowledge and belief. I declare that I will discharge my duties to obey the rules and regulation of management.

Place: Kottayam

Date: 15-10-2020



Anitha Revi