



KOYEL GUPTA

Ram Golam Singh Road, Ushagram, Durgamandir, Paschim Barddhaman, West Bengal, Asansol- 713303

8327367448, 7908979124 | koyelgupta200117@gmail.com

in <https://www.linkedin.com/in/koyel-gupta-256271184>

OBJECTIVE

To obtain an entry-level position at any organization or industry, I have utilized the educational qualification which I've obtained from my university. Also I seek the challenging opportunities where I can use my skills

EXPERIENCE

16.04.2019 - 06.08.2019

North Eastern Space Applications Centre

Intern

I did a work at North Eastern Space Applications Centre (NESAC), Umiam, Shillong for my dissertation purpose to complete the partial fulfillment of the course M.Sc Geoinformatics for final semester.

EDUCATION

- **Kazi Nazrul University**
2019
M.Sc. in Geoinformatics
74.42%
- **Banwarilal Bhalotia College (The University of Burdwan)**
2017
B.A. in Geography (H)
57%
- **Ushagram Girls' High School**
2014
Higher Secondary (Arts)
84.02%
- **Ushagram Girls' High School**
2012
Secondary (General)
72.85%

SKILLS

- Computer Skills and Software Known: ArcGIS (ArcMap), ArcGIS Online, Erdas Imagine, Google Earth, ENVI, SPSS, GRAPHER, QGIS, Microsoft Word, Microsoft Excel, Microsoft Power Point, Microsoft Access
- Programming Language: Python IDLE, HTML, CSS, JavaScript, C++, Matlab, Google Earth Engine
- ArcGIS Skills: Spatial Analysis, Buffer and Vector Overlay Analysis, Topology Corrections for Line Layers, Hydrological Analysis and Modelling, DEM Analysis, Extraction of drainage network from DEM, Catchment demarcation and Stream Ordering, Extraction and Mapping of Morphometric parameters, Image Processing Classification, Land Use Mapping, Thermal Remote Sensing (Surface Temperature Estimation), Vegetation Mapping, ArcGIS extension
- Other: Hyperspectral Remote Sensing (Spectral Curve Generation), Web Page Designing

PROJECTS

- **Temporal Change Detection in Forest Cover Using Remote Sensing and GIS Application: A Case Study of Indian Sundarban**
I have done this pilot project during my masters level for the partial fulfillment of the course

- **Outreach Projects on GIS Data Analysis and Interpretation**

The project was done from Geological Survey of India, Southern Region, Hyderabad for the partial fulfillment of the internship course of M.Sc

- **Analysis of Land Surface Temperature and Land Use Pattern of Three Important Urban Areas of West Bengal**

Did this project as a Major Elective part presented in M.Sc

- **Spatio Temporal Variation of Land Surface Temperature due to Forest Fire**

This dissertation project have been done from North Eastern Space Applications Centre for the partial fulfillment of the course of M.Sc Geoinformatics

LANGUAGE

- Bengali, English, Hindi

INTERESTS

- Remote Sensing and GIS

ADDITIONAL INFORMATION**Extra Curricular Activity:**

Recitation

Social Services:

Donated Blood at "ALL-INDIA BLOOD DONATION CAMP" organized by HDFC Bank

INSTRUMENTAL EXPERIENCE

- GPS, Prismatic Compass, Dumpy Level, Theodolite, Plane Table Survey

WORKSHOP

- **Two Days' Workshop on " UNMANNED AERIAL VEHICLE (UAV) DRONE FOR 3D APPLICATION"**

The workshop organized by the Department of Geography, Kazi Nazrul University

CONFERENCE AND PRESENTATION

- **Poster Presentation**

Presented a Poster on "Geoinformatics Based Techniques for the Study of Specialization of Urban Heat Island in ADDA, West Bengal at Esri India UC 2019

SHORT TERM COURSE

- **IIRS-NESAC Remote Sensing and GIS Technology Advances and Applications**

Joint online course organized by Indian Institute of Remote Sensing (IIRS) and North Eastern Space Applications Centre (NESAC), 2019

Going Places with Spatial Analysis

A 6 week course conducted by ESRI Mooc on ArcGIS Online, 2019

PERSONAL DETAILS

Date of Birth : 24/12/1995

Nationality : Indian

DECLARATION

- I hereby declare that I am physically and mentally fit with good health. I can communicate with different types of people. I hereby declare that all the above mentioned informations are true and correct to the best of my knowledge and belief.

DATE: 07.11.2019

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