




ANUSHKA MATHUR

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| **Gender** – Female | **Date of Birth** – 5th June 1997 | **Nationality** – Indian |

| **Linked in** - <https://www.linkedin.com/in/anushka-mathur-bb5399194/> |

OBJECTIVE

To put a steep curve in academic and organization, share the knowledge into practice, serve the organization and also achieve a challenging and respectable position within the organization and to gain more knowledge and experience in the field of work.

AREAS OF INTEREST

- Image Interpretation Techniques.
- Hydrology and Oceanography
- Urban Planning and Development
- GIS Analytics & Remote Sensing based Mapping
- Climatology
- Marine Sciences
- Glacier Studies
- Geomorphology

EDUCATIONAL QUALIFICATION

| Board | Degree/Class | Subject | University/School | Year | CGPA/Percentage |
|-------|--------------|----------------------|---|------|-----------------|
| | M.Sc. | GIS & Remote Sensing | Amity University, Noida, U.P | 2020 | 8.35 |
| | B.A. (Hons.) | Geography | University of Delhi, New Delhi | 2018 | 6.757 |
| CBSE | XII | Humanities Stream | Bharti Public School, Swasthya Vihar, Delhi | 2015 | 82.4% |
| CBSE | X | | Bal Bharati Public School, Brij Vihar, Ghaziabad, U.P | 2013 | 6.4 |

SKILLS

Operating Systems : Windows and Linux

Programming Language : C Programming (basics), MySQL and JAVA (basics)

Software : Arc GIS, ERDAS Imagine, MaxEnt, SPSS, Q GIS, SeaDAS and MATLAB

LANGUAGES

- ❖ English
- ❖ Hindi
- ❖ Marathi
- ❖ Bengali
- ❖ German (beginners)

PROJECTS

Completed Project from IIRS, ISRO (Indian Institute of Remote Sensing), Dehradun, Uttarakhand.

Project Title: Analysis of the impacts of Forest Fires on Aerosol Optical Depth (AOD) over Himachal Pradesh and Uttarakhand

- ❖ To understand the impact of Forest Fires on Aerosols
- ❖ Seasonal observations of fire episodes during pre-monsoons and post monsoons in Himachal Pradesh and Uttarakhand from 2010 – 2014
- ❖ Trend Analysis of fire point data and AOD from the years 2010 to 2014

Certificate of report completion from FRI (Forest Research Institute), Dehradun, Uttarakhand.

Project Title : Habitat Suitability Modelling of *Nepenthes Khasiana* – an Endangered and Endemic Plant Species of Indian Eastern Himalayas

- ❖ Identification of the factors influencing the habitat suitability of the plant species.
- ❖ Modelling of geographic points along with categorical data using MaxEnt
- ❖ Mapping of the potential habitat using Arc GIS

EXPERIENCE

6 months

CERTIFICATE COURSES

AMITY UNIVERSITY

- ❖ Participated in “Geospatial Applications of Satellite Generated Atmospheric Data and Modelling Techniques” workshop, organized by Amity Institute of Geo-Informatics and Remote Sensing, presented by Dr. Shahnawaz, Director (S/E Asia), UNIGIS International Z_GIS, University of Salzburg, Austria.

UNIVERSITY OF DELHI

- ❖ Participated in National Workshop on Polarization of Remote Sensing Based Maps and Geospatial Information organized by ISRS & ISRO.
- ❖ Participated in “National Summit on Revival and Rejuvenation of Bharathapuzha Riverbasin” organized by Nila Vicharavedi.

RESPONSIBILITIES AND ACHIEVEMENTS

AMITY UNIVERSITY

- ❖ Certificate for dedicated participation in “The Amity Green Horns Military Training Camp” from Amity Initiative, Compulsory Military Training.
- ❖ Class Representative of the course pursuing.

UNIVERSITY OF DELHI

- ❖ Completed the course and obtained the degree of Photography from Reflection, the Photography Society of Shaheed Bhagat Singh Evening College, University of Delhi.
- ❖ Merit Certificate for Being the Member of Reflection, the Photography Society of Shaheed Bhagat Singh (Evening) College, University of Delhi.
- ❖ Merit Certificate for Active Participation in Annual Festival Shristi (2018) organized by Shaheed Bhagat Singh (Evening) College, University of Delhi.
- ❖ Participated in Cultural Activities in Shristi (2016) organized by Shaheed Bhagat Singh (Evening) College, University of Delhi.

I hereby declare that the particulars given above are true to the best of my knowledge and belief.

Date: 22nd March 2021

Anushka Mathur

REFERENCES

Dr. Manoj Kumar

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