AKANKSHA RAWAT
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CAREER OBJECTIVE

To grow as a fresh graduate while fulfilling organisational goals in professional work driven environment.To secure a position in reputed organization where I can put in quality work for the development of myself and the organization as well as to expand my learnings, knowledge and skills.

EDUCATION:

➢ **Post Graduate Diploma in Remote Sensing and GIS (2019-20)**
   Indian Institute of Remote Sensing (IIRS-ISRO), Dehradun.
   Thesis: Soil moisture retrieval using multi-polarized SENTINEL-1 SAR data over parts of Udham Singh Nagar district of Uttarakhand.
   Aggregate:7.96/10

➢ **M.Sc. Environmental Science (2017-19)**
   Doon University, Dehradun, Uttarakhand.
   Thesis: Documentation of Odonates along with enlistment of their respective IUCN status & water quality assessment in Mandal, Chamoli, Uttarakhand.
   Aggregate: 7.89/10

➢ **B.Sc. Geology, Chemistry, and Zoology (2014-17)**
   Banasthali Vidyapith, Jaipur, Rajasthan.
   Aggregate: 63.41/100

➢ **Intermediate School (Class 12th)**
   Raja Ram Mohan Roy Academy, Dehradun, Uttarakhand.
   Marks: 73.8/100

➢ **High School (Class 10th)**
   Raja Ram Mohan Roy Academy, Dehradun, Uttarakhand.
   Marks: 88.2/100

RESEARCH EXPERIENCE:

2020, at IIRS-ISRO, Dehradun: Soil moisture retrieval using multi-polarized SENTINEL-1 SAR data over parts of Udham Singh Nagar district of Uttarakhand.

2018-19, (Dissertation) at Wildlife Institute of India, Dehradun: Documentation of Odonates along with enlistment of their respective IUCN status & water quality assessment in Mandal, Chamoli, Uttarakhand. (February, 2019 - June 2019).

2018-19, (Internship) at ONGC Academy, Dehradun: Monitoring of Noise level in Doon University & suggest mitigation strategies to reduce noise pollution. (June, 2018- August, 2018)

Short term course on RS and GIS applications in Agriculture & Soils.

PUBLICATIONS AND CONFERENCES:

- **Presented paper in conference- National Seminar on Recent Advances In Geospatial Technology, March,2020 At IIRS-ISRO, Dehradun**: Mapping and Monitoring of salt affected and waterlogged areas in alluvial plain using multi-temporal satellite data.

SOFTWARE SKILLS

- ArcGIS
- ERDAS IMAGINE
- PYTHON
- QGIS
- SNAP
- ENVI
- MS OFFICE
- MS EXCEL

LANGUAGES

Hindi (Mother Tongue)
English (Proficient)

REFERENCES:

- **Dr. Harishanker Srivastava**
  Email: harishanker_srivastava@iirs.gov.in
  Designation: Scientist/Engineer-SG & Group Head, Programme, Planning & Evaluation Group (PPEG)
  Department: Agriculture & Soils.
  Indian Institute of Remote Sensing, Indian Space Research Organization (IIRS-ISRO)

- **Dr. Mamta Chauhan**
  Email: mamtachauhan@iirs.gov.in
  Designation: Scientist/Engineer-SD
  Department: Department of Geosciences.
  Indian Institute of Remote Sensing, Indian Space Research Organization (IIRS-ISRO)