

Tejaswini Adhav

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SUMMARY

Applicant with a BS in Geology and currently pursuing MSc geology and research experience at ISRO. Interested in the field of Remote Sensing and GIS, Environmental Studies and Earth Science.

EXPERIENCE

- **International Conference on Unmanned Aerial Systems in Geomatics. Roorkee**

Apr. 2021

Attended the 2nd International Conference on Unmanned Aerial Systems in Geomatics hosted by IIT Roorkee

- **Undergraduate Research Fellow, Space Application Center, ISRO. Ahmedabad**

Jun. 2020 – Sep. 2020

- This was a fellowship awarded by the **Indian Academy of Sciences**, Bengaluru.
- Research was done in Pune City to identify **Surface Urban Heat Islands (SUHI)** which are caused by global warming using Landsat-8 data.
- NDVI and LST were derived from Landsat-8 data.
- The observation of this study was the difference between high and low temperature zones in the city was around 8.59 °C .

- **Student Volunteer, Indian Institute of Tropical Meteorology (IITM). Pune, Maharashtra**

Nov. 2019 – Dec. 2019

- Worked under a pollution campaign- SAFAR a joint initiative by **IITM** and **Ministry of Earth Sciences, India**
- Collected different types pollution data in Pune city.

EDUCATION

Savitribai Phule Pune University (SPPU), Pune

Master of Science, Geology, Present

Indira Gandhi National Open University

Certificate Course, International Humanitarian Law, Dec. 2021

Geological Survey of India

Training Course, GIS Analysis, Jun. 2021

Fergusson College, Pune

Bachelor of Science, Geology, Apr. 2021

Institute of Environmental Analytics

Certificate Course, Big Data and Environment, Jan. 2020

The University of Glasgow

Certificate Course, Data Science for Environmental Modelling and Renewables, Dec. 2019

Udemy

Certificate Course, Spatial data analysis with R and QGIS, May. 2019

SKILLS

Problem- Solving ability

Organizational

Communication

Spanish

Remote Sensing and GIS