BILAL D PANHALKAR

A/P : Shirala, Tal : Shirala, Dist : Sangli, Maharashtra, 415408.
+91 8482841777 | bilalpanhalkar777@gmail.com

Objective

Passionate in the belief that Geo-spatial technology is the key to shaping the future. GIS tools can be used to integrate geographic intelligence into planning processes, and have the potential to change how we think and behave.

Experience

- **National Institute of Rural Development and Panchayat Raj, Hyderabad.**
  Jr. Project Scientist   October 2019 -
  - Develop desktop application related to work and reduce the workload from team and complete the task before deadline.
  - Report Writing to submit Ministery of Rural Development.
  - Road verification by field work.
  - Geo-spatial data Analysis.

Education

- **University of Madras, Chennai**   2019
  M. Tech in Geoinformatics
  7.316 CGPA

- **Shivaji University, Kolhapur**   2017
  MA/Msc Geography
  60.04 %

- **Shivaji University, Kolhapur**   2015
  Bachelor of Arts (Geography)
  61.33%

- **V N M College, Shirala**   2012
  Higher Secondary School
  49.67%

- **Bhartiya Madhyamik School, Shirala**   2010
  Secondary School
  49.64%

Skills

- ArcGIS, ArcGIS Pro, ArcGIS Javascript API, QGIS, Erdas Imagine, GPS, Google Earth, Python, Data Science, C, JavaScript, CSS, HTML, HEC-RAS, Team Work, Field Work, Technical Aptitude, Microsoft Office Suite

Learning Skills

- **Machine Learning**
- **ArcPy for Python Developers using ArcGIS Pro**

Internship

- **Geospatial Assessment of Agricultural Drought: A Case Study of Surendranagar District, Gujarat.**
  Bhaskarcharya Institute for Space Applications and Geo-informatics (BISAG), Department of Science & Technology
  (04/2018 – 07/2018)

Projects

- Watershed Prioritization based on Soil Erosion Model: A Case Study of Noyyal River Basin, Tamilnadu.
- Assessing the impact of sea level rise using Coastal Vulnerability Index (CVI): A case study of Ratnagiri District Coast, Maharashtra.
- An Analysis of Noise Level in Kolhapur City During & After Ganesh Festival for the year 2016.
- Landslide Hazard Zonation Mapping of Valparai Hills, Tamil Nadu.

Publications

- Bilal D Panhalkar : Agriculture drought monitoring using geo-informatics technology: a case study of Surendranagar district, Gujarat; Global Journal of Engineering Science and Research, (GJESR); 2018:5[11], 126- 136.
- Bilal D Panhalkar : Prioritization of watershed based on soil erosion model: a case study of noyyal river basin, tamil nadu, Journal of Global Resources, Volume 6 (02), July 2020, Page (123-133).
- Bilal D Panhalkar: Urban heat island(UHI) analysis using geospatial technology in Pune city, Maharashtra, Global Journal of Engineering Science and Research (GJESR); 2018:5[11], 119-125.
- Bilal D Panhalkar: Web based GIS application for drought risk assessment in Salem district, Tamil Nadu; The Indian Geographic Journal, volume 94 - number-1 (June 2019): 18-32.

Language

- English, Hindi, Marathi

Interests

- Remote Sensing and GIS
- Geo-spatial Data Analysis
- Web GIS

Reference

- **Dr. M. Sakthivel - "Department of Geography, University of Madras, Chennai"**
  Associate Professor
  mathisakthi22@gmail.com
  +91 9444609114

- **Dr. P. T. Patil - "Department of Geography, Shivaji University, Kolhapur"**
  Associate Professor
  Ptp_geo@unishivaji.ac.in
  +91 9766436617

Declaration

- *I do hereby declare that all the details mentioned above are correct to the best of my knowledge and confidence. I bear the responsibility for any error or mistake in the future.*

BILAL D PANHALKAR