

Dr. ABHIJIT SAMBHAJI PATIL

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Dr. Abhijit S. Patil
Asst. Professor,
Department of Geography,
Shivaji University, Kolhapur

Personal Profile



Current Position: Asst. Professor, Shivaji University Kolhapur

Date of Birth: 08 January 1993

Gender: Male

Marital Status: Married

Nationality: Indian

Language Known: English; Hindi & Marathi.

Academic Profile



Course	Institution	Year	%/CGPA
Ph.D	Shivaji University, Kolhapur	2021	Awarded
M.Tech (Geoinformatics)	Bharathidasan University, Tiruchirappalli	2017	75.42 %
MA/M.Sc (Geography)	Shivaji University, Kolhapur	2015	72.62 %

Certification



- UAV/ Drone Survey Training (2019)
(Certified by Aerizone Creative Labs. Pvt. Ltd., Nagpur)
- eCognition Training (2017)
- SET (State Edibility Test Maharashtra) GEOGRAPHY (2015)

Experience



Designation	Institution	Duration / Experience
Assistant Professor	Department of Geography, Shivaji University, Kolhapur	Five years (2017 to till date)
Project Assistant	Shivaji University, Kolhapur	Six months (Jan 2018 to June 2018)



Profile:

<https://www.linkedin.com/in/dr-abhijit-patil-13b22698>

Scopus[®] Profile :

<https://www.scopus.com/authid/detail.uri?authorId=57205208978>

ORCID Profile :

<https://orcid.org/0000-0003-1985-0921>

Awards



- ISRO-IITB-AICTE Mapathon Championship Award (2021) & (2022)
- Avishkar, Shivaji University Kolhapur- Third Prize (2018)

Software Proficiency



- ArcGIS Pro
- QGIS
- eCognition
- ENVI
- ERDAS Imagine
- Autodesk(AutoCAD)
- CAD Earth
- SNAP
- Pix4D Mapper (for UAV Photogrammetry)

Survey Instrument Proficiency



- Differential GPS/DGPS
- Drone/UAV
- Handheld GPS
- Total Station

Publications (Total-09)



- Frequency Ratio Approach for Landslide Susceptibility Mapping of Phonda Ghat of Maharashtra. 2022. (Springer book Chapter)
- An Evaluation of Pixel-based and Object-based Classification Methods for Land Use Land Cover Analysis Using Geoinformatic Techniques, Geomatics and Environmental Engineering, Vol. 16(2), 2022.
- Detection of forest fire burn-area using landsat-8 and sentinel-2: a case study of Nivale (Kolhapur) beat of Chandoli National Park, Maharashtra, India. Disaster Advances, Vol. 15(1), 2022.
- The Landslide Susceptibility Assessment using Bi-variate Statistical Information Value Model of Chenab River Valley, Jammu and Kashmir (India). Disaster Advances Vol. 14 (11), 2021.
- Analysis of the Agriculture Drought Severity and Spatial Extent using Vegetation Health Index (VHI) in Manganga Watershed of Maharashtra, India. Disaster Advances, Vol. 14 (2), 2021.
- Drought Assessment of Eastern Satara District of Maharashtra using Standardized Precipitation Index, Disaster Advances, Vol. 13(6),2020.
- Landslide Susceptibility Mapping Using Landslide Numerical Risk Factor Model and Landslide Inventory Prepared Through OBIA in Chenab Valley, Jammu and Kashmir (India), Journal of the Indian Society of Remote Sensing, 2020. (Springer Publication)
- Analytical Hierarchy Process for landslide hazard zonation of the south-western part of Maharashtra, India, Disaster Advances., 2019.
- Impact of land use land cover change on land surface temperature using Geoinformatics techniques, IJRAR, Vol. 5. 2018.

Programming Languages

- Basic C/C++
- Python & Arcpy



Area of Interest

- Geographical Information System (GIS)
- Remote Sensing, Digital Cartography & Digital Photogrammetry
- Digital Image Processing
- Landslide Disaster Management

Other Training

- IIRS online EDUSAT course on Basics of RS, GIS and GPS.
- IIRS Online EDUSAT course on Geospatial Technologies For Urban Planning