Mithwa Acharya

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Ahmedabad, Gujarat.

PERSONAL DETAILS: -

o Birthdate = 19/10/1995   ❼ Nationality = Indian o Languages known = English, Hindi, Gujarati.

EDUCATION QUALIFICATION: -

Graduation	Bachelor in Microbiology	Gujarat University	52%
Post- Graduation	Master in Geoinformatics	Gujarat University	71%

RESEARCH AND PUBLICATION: -

Published a paper of "Monitoring Drought and its impact on Agriculture using Drought Indices and Gro-informatics Technology in Patan District, Gujarat" in **International Journal of Advanced Remote Sensing and GIS**, During Internship at Bhaskaracharya National Institute for Space Applications and Geo-informatics **BISAG**, Gandhinagar under Guidance of Manek .H. Kalubarme for duration of 4 months from December 2018 – March 2019.

- Rainfall data of 30 years was analysed using remote sensing techniques and represented through pictorial classification and graphs that's easily understood.

SKILLS

PROFESSIONAL

- Multitasking and Prioritization.
- Collaborative Team Player.
- Interpersonal Skills.
- Data Analysis and Documentation.

TECHNICAL

- ARC-GIS, ARC-PRO, QGIS, ENVI, lidar.
- Globber Mapper, AutoCAD, google earth engine
- Microsoft Word, Excel, Powerpoint.
- **Languages**:- Python ,SQL.

WORKSHOPS & COURSES

- Certificate in Integrating Climate, Energy Transformation and Youth
- Certificate in the Location Advantage attended at MOOC esri.
- Certificate in Cartography attended at MOOC esri.
- Seminar on Basics of GIS by ESRI
- Basic to advance in Arc Pro
- GeoAI: Applying Machine Learning and deep Learning to Geospatial Data
- SAR Polarimetery by IEEE-GRSS
- Advance Certification in Data Science and AI. By IIT RORKEE (PURSUING).

EXPERIENCE:

Worked at Directorate of census operations, Gandhinagar on contractual basis by World class service. (October 2021 – July 2023)

✝ **Designation**: Jr. Consultant.
✝ **Working on** BUA (Classifying Buildup Area), creating and updating documents, Map Generation through data driven, Spatial Data Analysis, Data Creation, Digital mapping, Surveys and QA & QC of following data.
✝ Digitizing of Build-up area, Analysing and maintaining census data and documentation. Quality check of portal and data obtained through survey.
✝ Survey of sample registration data with collection and verification of census data of Gujarat.
✝ **Preferred software:** ArcGIS, Arc Pro, Google Earth pro and Microsoft Office,QGIS.
✝ **Project:**

      i. BUA (Classifying Buildup Area) and updation of various geospatial layers.
      ii. Survey of census and map creation. iii. Mapping Enumeration Boundary through Digital App. iv. Testing app and survey of house listing and housing census.
      v. Creating online map of enumeration boundary of census, Gujarat.

Amnex info technology. (April 2019 – October 2021)

✝ **Designation**: GIS Analyst
✝ **Worked in** various Smart City projects of GIS, Lidar Image data processing and a Remote sensing project. Other tasks like data creation, updating, Quality check and client-side processing. Also, knowledge of spatial data and to use different datasets like Drone data, satellite data, excel pdf. AutoCAD datasets, open source data etc. with basic knowledge of python.
✝ **Software's used**: - Arc-GIS, Globber mapper, Earth pro engine, Arc-pro, ERDAS, Microsoft office ✝ **Project:**

    A. Mine Mapping project of Jamnagar,
    B. Smart Kalyan Dombivali corporation limited (SKDCL)
    C. Rajkot smart city project
    D. Surat smart city
    E. Indore smart city development limited (ISCDL)
    F. Andra Pradesh agriculture crop assessment.
    G. Gujarat Agriculture crop Assessment