Ms. PRAGYA DAS
Email: pragya.das@mines-ales.org, pragyadas0592@yahoo.com

Upbeat Remote Sensing Researcher consistently striving to produce compliant deliverables in line with sketches, marked copies and written and verbal instructions. Adept at compiling, evaluating, modifying and analyzing data to support preparation of maps, tables, graphs, reports and databases (specializing in disaster and risk analysis). Articulate and organized professional with strong presentation skills and ability to comprehend, analyze and interpret documents with ease.

EDUCATION

1. **IMT MINES, Ales, France.**
   Master of Science (M.Sc.), Disaster Management and Environmental Impact   **2021-2023**
   Pursuing (M1-Completed Highest Distinction 17.04/20.00 ECTS)
2. **Banasthali Vidyapith, Rajasthan, India.**
   Master of Technology (M. Tech), Remote Sensing   **2015-2017**
   (Gold Medalist)
3. **Rungta College of Engineering & Technology, Raipur, Chhattisgarh, India.**   **2010-2014**
   CSVTU-Bhilai Chhattisgarh
   Bachelor of Engineering (BE), Civil
   (Honors)

WORK EXPERIENCE

1. **Part-Time Teacher**
   Institute: SV College of Agricultural Engineering and Technology & Research, IGKV, Raipur, Chhattisgarh, India.
   Duration: March 2021- August 2021.
   Key Skills: Arranged syllabus, developed schedule, and determined reading list for varied courses along with teaching.
2. **Image Analyst**
   Institute: Center for GIS Technology, Raipur, Chhattisgarh, India.
   Duration: August 2017- February 2021.
   Key Skills: Image & Data Processing, Image Analysis, Map Production.
3. **Lecturer**
   Institute: RCET, Raipur, Chhattisgarh, India.
   Duration: September 2014- June 2015.
   Key Skills: Arranged syllabus, developed schedule, and determined reading list for varied courses along with teaching.

PROJECTS

I. **Intern Project (M.S Summer Internship)** - **Hotspot Modeling of Malaria in Nigeria**
   Organization: IMT Mines Research Centre, Ales, France.
   Objective: To compare the different ARC-GIS models used to study the spread of malaria under various environmental factors in the form of a Bibliographical survey.
II. **Intern project (MTech Thesis) - Hydrological Modelling of Trends in Seasonal Water Balance Components at River Basin Scale Using Time Series Land Use/Land Cover Data.**
   Organization: National Remote Sensing Center (NRSC), ISRO, Hyderabad, Telangana, India.

Objective: To prepare datasets for the VIC model and to compute and compare the variation in water balancing components at river basin scale for predicting the LULC change.

Skills acquired: Spatio-temporal data collection, database preparation using Remote Sensing, GIS and their integration for model input to generate the required accuracy of the model.

III. **Academic project – Comparative Study of Normal Concrete and Concrete prepared by addition of Agriculture By-product.**

Organization: Rungta College of Engineering & Technology, Raipur, Chhattisgarh, India.

Objective: This project focuses on recycling agriculture residue by combining it with concrete and comparing its strength with normal concrete

Papers Presented

I. Presented paper on a National Seminar "Sustainable Rice production Technology for Increasing the farmer's income" titled - "Hydrological Modelling of Mahanadi Basin and their tributary exist in Chhattisgarh and part of Odisha" dated 20-21 Jan'2018 Organized by Indira Gandhi Agricultural University, Raipur (C.G.), India.

II. Presented paper titled – "Green Buildings- Need of Present Era" in SRUSHTI- a Technical Paper Presentation held under QUARK-2013, dated 15th-16th Feb 2013 held at Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur, Maharashtra, India.

COMPUTER SKILLS

- Operating System: Windows, Vista, 7, 10, 11
- Programming languages: C/C++, R, PYTHON & MY-SQL Basics.
- Office packages: MS Office 2003/2007/2010/365
- Remote Sensing & GIS Tools: ERDAS IMAGINE 2011,2014, X.
  ARC-GIS 10.X(GIS Application).
  QGIS X
  DGPS, Google Sketch-Up
- CED: Auto- CAD (2D & 3D)

PERSONAL PROFILE

Name:	Pragya DAS
Nationality:	Indian
Gender:	Female
Languages:	Hindi, English (Proficient), French & German (Beginner Self-taught)
Interests:	Exploring Remote Sensing tools, Yoga, Calligraphy, Reading Books, Traveling.
Strengths	Diligent, Dedicated, Confident, Prominent.