

ROHIT RAMAN

GIS Analyst and Modeller

Global Coordinates (Aviation Consultant)

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CARRIER OBJECTIVE

To work in an organization where I can confidently share my knowledge and which can provide me an opportunity to improve my quality and skills and offers opportunities for long term advancement and growth.

ACADEMIC QUALIFICATIONS

Year(s)/semester	Qualification - Degree / Certificate	Board/University	College / Institute/ University	Percentage / Aggregate SGPA
2019	Integrated M.Tech in Geoinformatics	Central University of Jharkhand	Central University of Jharkhand http://cuja.ac.in/	8.3
2013	12 th Board	CBSE	Surendranath Centenary School, Ranchi, Jharkhand	82.8%
2011	10 th Board	CBSE	Cambrian Public School, Ranchi-Jharkhand	9.2

TECHNICAL SKILLS

Operating System	Windows XP/7/8/10
Software Skills/ Instruments	Python ArcGIS(Online, Desktop) ENVI QGIS Map Info Erdas Imagine NAVA GPS DGPS Total station SPSS MS Office MATLAB Google Earth Engine

RESEARCH EXPERIENCE/WORK EXPERIENCE

- GIS Analyst and Modeller at Global Coordinates (Aviation Consultant) since 11 Feb 2020

- GIS Analyst at Jharkhand Technology Pvt. Ltd. (25th July,2018 - December,2019)

- **1 year M.Tech Research Project**

Research title: -Seismic vulnerability assessment and Risk modelling in Delhi-NCR region using Remote sensing and GIS

Data and Software used: - Landsat TM and 8 | MADAMI FUZZY | Python | Arc GIS | ENVI | MATLAB | Google Earth Engine | M.S Excel

Supervisor: -Dr. A.C Pandey, Head of Department, Department of Geoinformatics, Central University of Jharkhand, Dr. Amit Kumar, Assistant Professor, Department of Geoinformatics, Central University of Jharkhand, Ranchi.

- **6 months B.Tech Research Project**

Research title: - Comparative assessment of Landslide hazard modelling in part of Shillong plateau.

Data and Software used: Sentinel 2A | Google Earth Engine | MADAMI FUZZY | ArcGIS | MATLAB | SPSS

Supervisor: -Dr. A.C Pandey, Head of Department, Department of Geoinformatics, Central University of Jharkhand. Dr. Amit Kumar, Assistant Professor, Department of Geoinformatics, Central University of Jharkhand, Ranchi.

PAPER PRESENTATION/RESEARCH PUBLICATIONS

- **Award winning paper presentation** on the topic “**Urban growth modelling using logistic regression and Geoinformatics – A case study of Jaipur**” in conference held at Suresh GyanVihar University, Jaipur, Rajasthan.
- Pratyush, **Rohit Raman**, AritraBandyopadhyayandSuraj Kumar Singh, “**Urban growth modelling using logistic regression and Geoinformatics – A case study of Jaipur**”, Environ. We Int. J. Sci. Tech. 13 (2018) 47-62.It is available online at www.ewijst.org
- Paper presentation on Wheat acreage mapping and yield prediction using Landsat-8 OLI satellite data.
- Soil erosion assessment and identification of rain water harvesting sites using Geospatial technique in Dimna region of Jamshedpur.

INTERNSHIP/PROJECTS

- **Indian Meteorological Department, Ranchi**

Project Duration, 1st May 2016 to 4th June 2016

Research Title: -Analysis on variation of Black Carbon Aerosol in Ranchi during 2016

Data Used: - Aethalometer data

Software used: - MATLAB | Origin | M.S Excel | Google Earth Engine

EXTRA CURRICULAR ACHIEVEMENTS

- Active member and skill trainer of UDAAN welfare foundation from 2015.
- Certificate of merit and participation in youth seminar for entrepreneurship and skilling organised by The Energy and Resource Institute, Teri
- Certification of participation in national conference on water and sustainable development held during Jan 8-9, 2016 organized by Center for water Engineering and Management, Central University of Jharkhand.
- Certificate of participation in Think India National Convention 2016.

PERSONAL DETAILS

Date of Birth (DD-MM-YYYY)	:	17-November-1995
Father's Name	:	Bimal Kumar Lal Karn
Mother's Name	:	Suman Karn
Gender	:	Male
Nationality	:	Indian
Home Town	:	Ranchi
Languages Known	:	English, Hindi, Oriya, Maithili

REFERENCES

Dr. A.C Pandey

Head of Department

Department of Geoinformatics

Central University of Jharkhand

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Dr. Amit Kumar

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