**CURRICULUM VITAE**

**SK MUJIBAR RAHAMAN**

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**About Me:**

I have the capacity to work in group as well individually. Looking for opportunities to explore my potential in an innovative and competitive world to become a successful Remote Sensing & GIS professional**.**

**Working Experience: 2 Years 4 Months**

1. **Institute:-** ***Institute of Forest Productivity, Ranchi, Jharkhand, India, 835303***

**Date: -** 08-07-2019 to 31-10-2020

**Designation: -** Junior Project Fellow (JPF),

**Project: -**

1. **Preparation of DPR for rejuvenation of Mahanadi River with tributaries through Forestry Intervention.**

Nature of Work:- Basin area and Riverscape delineation; Data collection format designing; Training workshop attend; Data collection like satellite imagery and secondary data; Data pre-processing; LULC preparation; DEM data analysis; Soil Erosion estimation; Field survey; Data validation; **(Role as a Team Leader as well as Production)**

1. **Assessment and monitoring of Invasive Alien Plant Species in India and formulation of strategies for management of key Invasive Alien Plant Species in different regions of the country**

Nature of Work:- Grid Map Preparation; Survey Format Designing; LULC preparation; DEM data analysis; Bioclimatic Data Download (Current and Future); Bioclim data Handling; **(Role as a Team Leader as well as Production)**

1. **Company:-** ***Stesalit Systems Limited, Block-GP, Sector-V, Salt Lake, Kolkata, 700091***

**Date: -** 27-06-2018 to 06-07-2019

**Designation: -** Technical Executive- GIS,

**Projects:-**

1. **Central U.P. Gas Limited (CUGL):**

Nature of Work:- Base map preparation; Base map Attribute validation with survey data; Pipeline data preparation; Pipeline data Attribute validation with survey data; Data QA/QC; Upload in Web Server; **(Role as a Production)**

1. **Gujarat Gas Limited (GGL):**

Nature of Work:- Base map preparation; Base map Attribute validation with survey data; Pipeline data preparation; Pipeline data Attribute validation with survey data; Data QA/QC; **(Role as a Production)**

1. **Arunachal Pradesh Property Tex:**

Nature of Work: - Base map preparation; Base map Attribute validation with survey data; **(Role as a Production)**

1. **Web-portal developing of rural and urban management of Odisha:**

Nature of Work: - Clint handle, Whole Odisha 4K base map QA/QC(Spatial and Attribute); Parcel boundary, block boundary and GP boundary updation; Assets layer QA/QC(Spatial and Attribute);, Boundary updation, Block wise split and upload cloud server through Hexagon Geomedia, Symbolize all data and publish on web server through Hexagon Geomedia. (**Role as a Team Leader as well as Production)**

**Academic Qualifications:**

* M.Sc. in Environmental Science from Nalanda Open University (Perusing)
* M.Sc. in Remote Sensing & GIS from Vidyasagar University with 73.91 % marks in 2018.
* B.Sc. in Geography (Honors) with 54.875 % marks from Vidyasagar University in 2016.
* Higher Secondary from W.B.C.H.S.E.in 2013 with 82.6 % marks.
* Secondary from W.B.B.S.E. in 2011 with 54 % marks.

**M.Sc. Dissertation:**

“A Geo-Spatial Modeling Approach for Monitoring Eco-Sensitive Zone and its Impact Assessment in Noamundi block, Jharkhand”

**Research Experience and Interest:**

GIS, MCDA, AHP, FAHP, Hyperspectral, SDM Model, Maxent Model; RUSLE Model, Forest Fire, Forest Change, Watershed Management, Ground Water Potential Zone.

**Research Paper:**

1. Modeling Potential Risk Zone of *Lantana camara* Invasion and assessing its Response to Climate Change in Eastern India. **Journal of Ecological Processes (Springer Nature); Submitted on 15th September,2020; (Under Review)**
2. Assessing Impact of Super Cyclone Amphan on Vegetation Cover and its Socio-Economic Consequences amidst Covid-19 Situation in Eastern India. **International Journal of Disaster Risk Reduction(Elsevier) Submitted on 19th October, 2020; (Under Review)**
3. Modelling potentially suitable lac cultivation zones of *B. monosperma* to promote livelihood security in rural India. **Tropical Ecology (International Society for Tropical Ecology): Springer, Submitted on 30th October,2020; (Under Review)**

**Software Skills:**

* Remote Sensing & GIS Software:

ArcGIS; ERDAS IMAGINE; AutoCAD Map; GEOMATICA; Map Info; ENVI; Quantum-GIS; Google Earth; SNAP Tool;

* Statistical Software: SPSS;
* Programming Skills: Basic HTML,CSS, R Programming
* Other Software: MS Office; Corel Draw; Adobe Photoshop;

**Personal Details:**

**S/O** - Sk. Samad;

**Vill**- Nripenpally, **P.O** - Jhargram; **Dist.** - Jhargram; West Bengal – 721507, India

**Date of Birth:** 06/04/1996, **Sex-** Male, **Nationality-** Indian, **Religion-** Muslim

**Language Known:** English, Hindi, Bengali

I do hereby declare that the above mentioned information is true to the best of my knowledge.

Date- 07-12-2020 Sk Mujibar Rahaman