UTPAL BISWAS
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Assignments in Image Interpretation, Enhancement, Classification, Rectification & Digitization,Spatial Analysis
Industry Preference: Remote Sensing / GIS

PROFILE SUMMARY

- M.Sc. in Remote Sensing & GIS from Maharshi Dayanand Saraswati University, Ajmer, Rajasthan, with nearly 1 Year 4 Months working experience
- Acquainted with the knowledge of operation of various Remote Sensing &GIS software like ERDAS Imagine, Arc GIS, ENVI,Map Info,PCI Geometica
- A go-getter with strong communication, coordination, analytical & networking skills

ORGANIZATIONAL EXPERIENCE

CSIR-Central Institute of Mining and Fuel Research,Dhanbad
Project Assistant (Level-II),NREM Department 					**April'18-still now**
Project Handled:
Title: 		Hydro-geological study for kasta (east) coal block of wbpdcl, Birbhum district, of Raniganj coalfield area

Client: 		The West Bengal Power Development Corporation Limited (WBPDCL)
Period: 		April'18-still now
Description: GIS Operation, Data Management, spatial analysis, water quality checking, Map Preparation, Groundwater Modeling, And Allied Job

Digital Cartography and Services Pvt. Ltd., Bhubaneswar 				**July'17 – Dec.'17**
Remote sensing and GIS Expert

Project Handled:
Title: 		Land use land cover Preparation of core and 5km buffer area of Katamati, Noamundi, Khandabandh.Joda East Iron ore Mines
Client: 		Tata Steel Ltd.
Period: 		July'17 – Dec.'17
Description: 	Details Land use /land cover map preparation, NDVI preparation,topographical study (Slope,Aspect,drainage Pattern etc.),Change Detetction.

Project Handled:
Title: 		 Preparation of village sheet and land schedule for Iron ore of Slurry pipeline corridor
Client: 		 JSW Steel Ltd.
Period: 		July'17 – Dec.'17
Description: Remote Sensing,GIS Data Rectification, Cadastral Map georefferencing, Mosaicing, Digitizing of Cadastral Sheet etc,.

Key Result Areas (Across Organizations):
- Performing development, rectification, and digitization of remotely sensed images
- Operating GIS software for the analysis of images
- Using query models, paradigms, and languages in the retrieval of images
- Composing & designing maps, performing image classification, image export-import, table joins, and other tasks required for the analysis of geographical data using remotely sensed images

Highlights:
- Operated and managed Remote Sensing & GIS software like ERDAS Imagine, Arc GIS, ENVI, Map Info, PCI Geometica
- Efficiently captured, stored, manipulated, analysed, managed and presented all types of spatial or geographical data

TECHNICAL SKILLS

- Proficient with remote sensing software like:
  o ERDAS Imagine – 9.0, 9.2,14
  o ArcGIS – 9.3, 10.1,10.2
  o PCI Geometics – 9.1

- o MapInfo – 10.0
- o ENVI – 4.7, 5.0
- Skilled in :
  - o Google Earth
  - o Auto Cad
  - o MODFLOW
  - o MS Office 2007 & 2010
  - o Photoshop – 7.0
- Knowledge of the operation of instruments like:
  - o Theodolite
  - o Dumpy Level
  - o Stereoscope
  - o Total Station
  - o GPS
  - o DGPS

ACADEMIC DETAILS

2017	M.Sc. (Remote Sensing & GIS) from, Maharshi Dayanand Saraswati University, Ajmer, Rajasthan with 76.66 %
2015	B.A (Geography) from KSGM College, Nirsa, Vinoba Bhave University with 66.25%
2012	Class XIIth from Gangatikuri A.N Bidyamandir(H.S), Purba Bardhaman, West Bengal Council of Higher Secondary Education with 66.2%
2010	Class Xth from Gangatikuri A.N Bidyamandir(H.S), Purba Bardhaman,,West Bengal Board of Secondary Education with 81.5%

PERSONAL DETAILS

Date of Birth: 14th February, 1995
Languages Known: Bengali, Hindi, and English
Permanent Address: Vill+P.O- Gangatikuri, P.S-Ketugram, Dist-Purba Bardhaman PIN- 713123, West Bengal, India