

CURRICULUM VITAE

PRASANNA KUMAR NAYAK.

A/L-20, GROUND FLOOR
VSS NAGAR, BHUBANESWAR
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OBJECTIVE:-

To work for the organization in a fully challenging manner for achieving goals in a structured way and also share the benefits of the organization. Looking for a suitable job in ITES/ GIS Company.

PROFILE:-

An energetic and resourceful individual who has a firm foundation of how to use Geographical Information System (GIS)/ITES(IT Enabled Services) to gather, analyze, and display information in order to discover relationships and trends amongst discrete and continuous data. Demonstrates excellence in technical aptitude and the ability to quickly learn new technologies and concepts. Exceptional organizational skills with the ability to coordinate multiple tasks without sacrificing quality. Overall self-starter who works well alone as well as in a team-oriented environment.

EDUCATIONAL QUALIFICATION:-

- 10th from Board of Secondary Education (BSE), Odisha with 74.67%
- 10+2 from Council of Higher Secondary Education (CHSE), Odisha with 64.3%
- B.Sc (Chem Hons) from Utkal University, Odisha with 67.85%
- ADCA&SM (Advance Diploma in Computer Applications & System Management) from Institute Of Co-Operative Management, Bhubaneswar, Odisha with 69.2%
- "A" Level Computer Course from DOEACC, Govt. Of India with 60%
- "B" Level (Equivalent to MCA Degree) from NIELIT, formerly DOEACC, Govt. Of India with 60%
- P.G.Diploma in Remote Sensing & GIS under Utkal University, Odisha with 72.2%.
- P.G.Certificate in Geo-informatics under IGNOU, BBSR Regional Centre, Odisha with 72%.
- PhD Course Work in Geography (RS & GIS) under Utkal University, Odisha (Contd.).

LANGUAGES FAMILIAR WITH:-

C, C++, C#.NET, VISUAL STUDIO 2012.

DATABASES FAMILIAR WITH:-

MS-Access 2007, SQL-SERVER 2012.

OVERALL GIS EXPERIENCE:-

- Having 4 years experience in using ArcGIS 9.3.1, 1 year in ArcGIS 10.4, and 1.5 years on QGIS.
- Having 3 years of experience in using ERDAS IMAGINE 9.1 and 1 year in ENVI 5.1
- Excellent Knowledge in databases such as MS-Access, SQL.

- Excellent fundamental knowledge and skill in the operation of GIS equipment and computer hardware and printer set up and GPS.
- Familiar with GIS applications.
- Having 4 years experience in using Flood Modeling Software MIKE11, MIKE11 GIS, and HECRAS.

GIS SKILLS:-

- Handling GIS Tools like 3D-Analyst, Spatial Analyst, Geo-referencing, Data Management tools, Image Classification, Raster Analysis etc.
- Satellite Image Processing and Mosaicking of Satellite Images using ERDAS Imagine Software and interpretation of Data.
- Preparation of Land use Maps using Satellite Imagery and Topographic Map, Drainage map and Elevation Map, Geological Map, Geo-morphological Map etc that are useful in EIA/EMP Study using ArcGIS.

WORK EXPERIENCE:-

1. Currently working as a **Guest Faculty** in Remote Sensing & GIS in OUAT, Bhubaneswar since 12th March 2019 till to date.
2. 6 Months experience as a **GIS-Analyst** in MAPSYS Solutions Pvt. Ltd in Bhubaneswar since 1st Aug 2018 to 28th Feb 2019.
3. 1.3 years Work Experience as a **GIS- Executive** in Visiontek Consultancy Services Private Limited(VCSPL), Bhubaneswar Since 13th Feb 2017 to 31st May2018.
4. 5.9 years Work Experience as **Junior Research Assistant** in North East Center for Technology Application and Reach (NECTAR) erstwhile Mission for Geo- Spatial Applications (MGA), Dept. Of Science & Technology, Govt. Of India since September-2010 to May 2015.

TRAINING EXPERIENCE:-

- Undergo 5 days Official training on **ERDAS IMAGINE 10** and **LPS**.
- Attend the seminar on Sediment Transport Modeling on Flood monitoring from 1st Nov 2010 to 4th Nov 2010 at Indian Statistical Institute, Kolkata, India.
- Undergo 8 days Official training on Flood Modeling at Northwest Hydraulics Consultants (NHC), Vancouver, Canada from 27th Nov 2010 to 4th Dec 2010.
- Official training on handling DGPS instruments for doing Survey work for collecting GCP's across the Country.
- Done DGPS Survey work using DGPS instruments of Krishna River Basin on various sites of Karnataka & Maharashtra States, India.
- Done DGPS Survey work using DGPS instruments of Mahanadi River Delta, Odisha, India.

PROJECTS UNDERTAKEN:-

- Preparation of GIS Maps(like Topographic, Landuse/Land Cover, Drainage, Elevation, 3d-elevation, Geological, Geo-morphological, Ground Water Elevation Maps) related to EIA/EMP Studies of various Private Sectors/Mining Industries/Cement Industries and PSU's like Ramco Cements Limited, Patratu Vidyut Utpadan Nigam Limited(PVUNL), Jharkhand, GMR Kamalangi Energy Limited(GKEL), Bhushan Steel Limited, Aditya Birla Limited, Essar Steel Limited, Sandur Manganese & Iron Ore Limited(SMIORE PLANT), Karnataka, Shree Cements Limited, Eco Cements Limited, Bihar, Badampahar Iron Ore mine Mayurbhanj, Odisha & Tata Steel Limited.

- Updated Satellite Image Interpretation of various Mining Blocks of M/s Tata Steel Limited (Bamebari, TiringPahar, Sukinda, Malda, and Joda) by using LISS-IV & CARTOSAT-1 high resolution Satellite Imagery Procured from NRSC, Hyderabad in the year 2017 & 2018.
- Preparation of various geo-databases by using Database Management Concepts of Raster Data as well as Vector Data using ArcGIS.
- Rainfall-Runoff Modeling by using Flood Modeling Software like MIKE11,HECRAS of Various Rivers like MAHANADI River Odisha worked for Govt.of Odisha in the year- 2011,22 Rivers of Meghalaya State by using TRMM Rainfall Data and Comparison with IMD Rainfall Data worked for Department of Water Resources,Govt of Meghalaya in the year 2014, Krishna River ,Karnataka.
- Preparation of Various Basin Maps, Catchment Area Delineation and Watersheds by using SRTM/ASTER DEM of Mahanadi River,Brahmani River of Odisha,22 Rivers of Meghalaya State & Krishna River, Karnataka.
- Change Detection Analysis of Mangrove Forests in and around Devi River Mouth, Odisha by using LANDSAT-5, LISS-III, and High Resolution Satellite Image by using ArcGIS and ERDAS IMAGINE as an Academic Course Curriculum of P.G.Diploma in RS & GIS.

PERSONAL PROFILE:-

Father's Name: - Late Dr. Nimai Charan Nayak.
Date of Birth: - 1st March 1980.
Sex: - Male.
Marital Status: - Married.
Nationality: - Indian.
Religion: - Hindu.
Permanent Address: - At: Keshabereni
Po: Banamalipur.
Ps: Barambagarh.
Dist: Cuttack-754031.

DECLARATION:-

I do here by declare that all of the statements mentioned above are true to the best of my knowledge and belief.

Place: Bhubaneswar.
Date:

(Prasanna Kumar Nayak)