

CURRICULUM VITAE

BANDESH

Humnabad, District Bidar

Pincode:585330

Mobile no: 7760567456 / 8951720542

Email.id : bandeshrs@gmail.com

Personal Statement

I am qualified and have developed a special interest in the field of Geoinformatics PostGraduate having Civil Engineering background with a commitment to contribute to the organisation. I am an enthusiastic individual willing to take on challenges. I have good technical foundation along with verbal, written communication skills and ready to move in different work locations, which help me to work efficiently and perform well. I would like to be a part of your Organisation and dedicate myself to work for betterment of people and the establishment.

Education

Master of Technology, Geoinformatics (September 2016 - June 2018)

Karnataka State Remote Sensing Application Centre, Bangalore.

8.3 CGPA

Bachelor of Engineering, Civil Engineering (September 2012- June 2016)

Visvesvaraya Technological University, India.

55% (Aggregate)

Key skills

Technical skills

Software's: ArcGIS, QGIS, ESRI City Engine, Erdas Imagine, Google Sketchup Pro, AutoCAD, Basics of STAD PRO, MS Office suite.

Programming Skills

- Expert in using python tools such as GDAL, RASTERIO.
- Data Visualization using python modules (Geopandas, Numpy, Matplotlib, scikit-learn etc), Ferret

Research Experience

CSIR Fourth Paradigm Institute (Formerly CSIR Centre for Mathematical Modelling & Computer Simulation), Bengaluru, Karnataka India.

Junior Research Fellow

Jan, 2019 -present

- Integrated system dynamical model to design and testing alternative intervention strategies for effective remediation & sustainable water management for two selected river basins of Indian Himalayas.

- Mapping of Elephant Distribution for entire Karnataka state.

Internship

Karnataka State Remote Sensing Application, Bangalore, Karnataka India

Research intern

Aug,2017-Dec,2017

- Integrated water resource management programme.
- Sujala-III Delineation of Watershed.

Projects & Seminars

- Mtech Project is on **“Assessment of loss of storage capacity in Tungabhadra reservoir due to sedimentation using Remote sensing technique”**.
- Seminar on “Integrated water resource management programme” and Delineation of Watershed (SujalaIII) in KRSAC (M-Tech). Bangalore.
- Seminar on “Application of RS and GIS on urban planning/ town planning” in KRSAC (M-tech).
- BE Civil Engg project is on **“Characteristic strength of concrete containing lightweight aggregate with and without mineral admixtures”**
- Seminar on "study of lightweight aggregate" in BKEC.

Field Experience

- **Indian Himalayas**, Uttarakhand visited 42 villages and conducted about 150 surveys, 26 stream measurements, collected 120 soil samples, located 8 springs, 256 Leaf Area Index readings, 330 Porometer readings, 124 Soil Moisture Sensor measurements and 124 W.E.T sensor measurements.
- Dharwad UAS, Karnataka, two times visited to collect data for BT cotton and wheat using porometer and LAI Instruments.
- Mandya UAS, Karnataka visited to collect data for paddy field using porometer and LAI Instruments.

Paper Publication and Presentation

38th INCA International Congress NRSC, ISRO Hyderabad.

“Assessment of loss of storage capacity in Tungabhadra reservoir due to sedimentation using Remote sensing technique”. (volume-38-page number 470 to 478)

Workshop Attended

- Workshop attended on "Recent advances in civil engineering construction (RAICEC) During 29, 30, 31st march 2016 in BKEC.
- Bengaluru ITBIZ Conference on Nov 2016

Instrument Experience

- Plant Canopy Analyzer.
- Porometer.
- Soil Moisture Sensor Kit
- Distometer.
- Spad
- Trimble (Green seeker)

Strengths and Skills

- Willingness to learn.
- Problem solving abilities
- Fast learning.
- Ability to work in a team and Leadership.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Bandesh. R. Sheelwanth