

**Krishna Vidhata**

**Krishna.vidhata@gmail.com Phone: +91 9063673679(Skype Number)**

**Professional Summary**

Creative Problem Solving, Adaptability, Excellent Inter-Personal relations, Team Spirit and Integrity and Leadership Initiatives are my key professional and personal strengths. My career objectives are to be part of the teams and systems that finds lasting solutions to the Issues of Climate Change, Urban decay, Disasters, Environmental degradation and Poverty **by using Information, Communication and Technology (ICT), especially Earth Observation and Satellite based tools and technologies.**

**WORK Experience**

Dates: From September 2019 – March 2021

**Designation: Young Professional**

**Organization:** Indian Agricultural Statistics Research Institute, (Ministry of Agriculture, Government of India), New Delhi

**Job Responsibilities:** GIS Software usage in various domains via, Desktop GIS Software, Web GIS, Geo-server, Handling Database and web Application Development in a project called KRISHI supported by Indian Council of Agricultural Research (ICAR). KRISHI is a Knowledge based Resources Information Systems Hub for Innovations in agriculture, to bring its knowledge resources to all stakeholders in one web portal consisting of Technology, Data generated through Experiments/ Surveys/ Observational studies, Geo-spatial data, Publications, Learning Resources etc.

**EDUCATION**

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| **COURSE** | **College/School** | **University / Board** | **Year of Passing** | **Percentage/**  **CGPA** |
| **Master of Technology (M.Tech)**  **Geo-Informatics and Remote Sensing** | Amity Institute of Geo-Informatics and Remote Sensing | Amity University, Noida, India | 2019 | **8.15** |
| **Bachelor in Technology (B.Tech)**  **Computer Science** | Aurora College of Engineering, Hyderabad | JNTUH\*  University, India | 2017 | 61.72% |
| **Certificate Course in Humanitarian Response to Conflict and Disaster** | Edx Online Platform | HarvardX | 2019 | 96% |
| **Certificate Course on Science and Technology for Disaster Risk Management** | Edx Online Platform | EPFL | Ongoing | Ongoing |
| **12th Class**  **Science** | Indus world School  Hyderabad, India | C.B.S. E | 2013 | 60% |
| **10th class**  **Science** | Indus World School, Hyderabad, India | C.B.S. E | 2011 | 6.4 |

TECHNICAL SKILLS

* Knowledge and Experience of using ArcGIS, ERDAS IMAGINE, QGIS software.
* Knowledgeof Programming languages C and Java, Java Script, Web Technologies and familiar with SQL and HTML.
* Knowledge of MS Access and other data base related applications.

Summer Internships and Projects

**M.Tech-Summer Internship**: Interned with **Defense Terrain Research Laboratory (DTRL)**, **(DRDO),** Delhi. AS a part of Internship I worked on a project i.e. Horizontal and Vertical Accuracy Assessment of Open Source Elevation Models and Imageries: A Case Study of Leh, J&K.

**M.Tech-Dissertation:** I worked on a project “**Inter-Seasonal Variations of LST In Faridabad District, A Highly Urbanized Zone in Haryana, India"** I have analyzed how inter-seasonal change affects the Land surface Temperatures in Faridabad district, Haryana using Landsat8 satellite data. And have also found the co-relation between NDVI/NDBI and LST. **Which is also my forthcoming publication which was submitted for inclusion in the title**

**“Methods and Applications of Geospatial Technology in Sustainable Urbanism”**

**B.Tech-Major Project:** Reverse Nearest Neighbor in Unsupervised Distance-Based Outlier Detection

**Description:** Detection or Identification of outlier or redundant data in a database Using reverse nearest Algorithm. Back end: Java, SQL.

**B.Tech- Summer Internship:**  Tourism Management System

**Description:** Interned with National Small Industries Corporation (NSIC), Hyderabad.

created a webpage by providing all the necessary information on it to make travel plans comfortable and Safe.

Significant Professional Training, Events and Publications

* **Attended an International Training Course on “Space-based Technologies for Emergency Response Mapping,** 28 October – 1 November, Beijing, China, collectively organized and conducted by United Nations Office for Outer Space Affairs, in Beijing, China, Asia Pacific Space Cooperation Organization, the National Disaster Reduction Centre of China and the Beihang University.
* Participated in **United Nations International Conference and Workshop on space-based Technologies for Disaster Risk Reduction “Enhancing Disaster Preparedness for Effective Emergency Response from 24-26 October, 2018 organized by United Nations Office for Outer Space Affairs,** in **Beijing, China.**
* Abstract publication on “Change Detection and Identification of Risk Prone Zones and safe zones, leh region due to climate change induced disasters: A case study of leh, Ladakh floods 2010” in **National conference on Recent Trends in climate change studies july23-24 2018,** held at Satyabhama institute of science and Technology, Chennai.
* Participated and Successfully completed workshop on “**Geo-spatial Applications of satellite Generated Atmospheric Data and Modeling Techniques**”**20th-24th AUG 2018** which was held in Amity university, Noida.
* Forthcoming Publication: **“Inter-Seasonal Variations of LST In Faridabad District", A Highly Urbanized Zone in Haryana, India" is a forthcoming publication which was submitted for inclusion in the title “Methods and Applications of Geospatial Technology in Sustainable Urbanism”.**
* Participated and successfully Completed course on **“Transforming Our World: Achieving the Sustainable Development Goals” 11th-18th AUG 2019** from edX, Inc.  
  edX.org, a massive open online course (MOOC) platform, where courses are offered by accredited universities and training programs.

**Languages**

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| Read | English, Telugu, and Hindi |
| Write | English, Telugu, and Hindi |
| Speak | English, Telugu, Tamil, and Hindi |
| Understand | German (Trained in A1 & A2 grade) |

Leadership and Extra Curricular Accomplishments

* Won First prize in Robotics held at Auroras Engineering College In the year 2016.
* Won 1st prize in a poster presentation on Green Computing, conducted at Aurora’s Engineering College in the year 2017.
* Participated and Completed Military Training course i.e. “**The Amity Green Horns Military Training Camp”** at the Amity education Valley, Panchgaon, Manesar.
* Anchored cultural Fest titled Ananya2k-17, held at Auroras Engineering College, Hyderabad, in the year 2017.
* Trained in Free Style Guitar and played Guitar at college cultural events.
* I was part of Main Body of Student Association Council (SAC) in Auroras Engineering college 2016 and 2017.
* **Played U-19 state cricket for Hyderabad In 2010 representing Indus World School**.
* Received certificates, rewards, and appreciation for organizing some cultural events almost every year in the school and college.
* Conducted Blood Donation Camps at Aurora Engineering colleges in Hyderabad in 2016 and 2017.
* Volunteered in Cleaning Program of Lake “Kapra” in Hyderabad organized by Indus world School in 2011.

**PERSONAL INFORMATION**

* **Date of Birth**: 23/04/1995.
* **Mothers Name**: NVS Lakshmi.
* **Guardians**: Hari Krishna Nibhanupudi and Parnasri Ray Choudhury.
* **Current Address:** D-14 Apartments, behind B8&B9 bus stand, Vasant Kunj-110070.
* **Permanent Address**: Plot 352 & 353: Phase-2: Lane-44: Road-15: Saket Colony: Kapra, Post- ECIL, Secunderabad: Hyderabad City: PIN- 500062: State- Telangana; India.

**References**

1. **Name: Dr. Shirish Ravan**.

**Designation: Senior Program Officer United Nations Office for Outer Space Affairs (UNOOSA) and Global Coordinator of United Nations Platform** for Space-based Information for Disaster Management and Emergency Response

**(UN-SPIDER)**, Vienna, Austria.

**Email:**[shirish.ravan@unoosa.org](mailto:shirish.ravan@unoosa.org),

**Skype Number:**+43 69914595293

1. **Name:** Dr. Swagatha Gosh.

**Designation: Asst Professor in the Department of Geo-Informatics and Remote Sensing** at Amity University, Delhi, India.

**Email:**[sghosh1@amity.edu](file:///C:\Users\PSSPL\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\RNJ7397Z\sghosh1@amity.edu),

**Phone Number:** +91 9582297010

**Experience & EXPECTED PAY**

**Total Exp:** 12 Months (1 Year).

**Relevant Exp:** 12 Months (1 Year).

**CTC:** 3.0 lakh per annum.

**ECTC:** 5.0 lakh per annum.

**Notice Period: None** (Can join from 15th of October).