**SUCHARITA KUNDU**

Email: - [sucharita.kundu1995@gmail.com](mailto:sucharita.kundu1995@gmail.com) Phone: - +919013899565, 8368196754

# 1. Career Objectives

* To work in the diverse field of environment with a long-term focus on mastering the domain of climate change and sustainability, mitigation and adaptation policies. Other verticals of interest include disaster/risk assessment, EIA, air pollution studies specially aerosols, ecology and waste management.
* To work in an environment conductive to learn and to unleash my potential, put in all my efforts for development of organization. I want to succeed in a stimulating and challenging environment and to excel in this field with hard work, perseverance and dedication.
* I want a rewarding career where I can use my skills and knowledge to help the organisation and my co-workers to be successful. I am seeking a competitive and challenging environment where I can establish an enjoyable career for myself

# 2. Academic Qualifications

**Amity University, Amity Institute of Environmental Sciences, Noida, U.P, India**  **2017-2019**

*Master in Environmental Sciences*

**Maitreyi College, University of Delhi, India 2014-2017**

*Bachelors of Science with Honors in Botany*

**IGNOU University, India 2018**

*Certificate course in Disaster and Risk Management*

# 3. Professional Experience

**Emergent Ventures India, Gurugram Jul 2019 – Oct 2019**

**Intern**

* Identified potential climate smart and energy efficient solutions in the selected villages of Uttarakhand to reduce stress on natural ecosystems for **SECURE Himalaya** project in Uttarakhand led by UNDP.
* Assisted in developing the questionnaire for Baseline Energy Survey.
* Prepared training materials and conducted workshops.
* Assisted in documentation and reporting.

**Indian Meteorological Department, Ministry of Earth Sciences (MoES) Jan 2019 – Jun 2019**

**Dissertation Trainee**

* Analyzed the aerosol optical properties and black carbon over Delhi from the year 2016 to 2019, and compared it with different meteorological parameters. Variations were witnessed with the help of various plots and graphs made with the help of R software.

**Results:**

* Overall Black carbon (BC) concentration was more in 2016 as compared to 2017, but biomass burning (BB) concentration and the value of Angstrom exponent was more in 2017 and 2018.
* From the plot of monthly variation, higher BC and BB value was obtained during winter and the month of April.
* Monthly average value of alpha was greater than 1 for all 24 months.
* The trend level plot was analyzed and maximum value of BC was found in the evening hour while BB was more in day time.

**Indian Meteorological Department, Ministry of Earth Sciences (MoES) Jun 2018 – Aug 2018**

**INTERNSHIP:**

**Name of the Project**: Temporal variations of black carbon over Ranichauri Station (Uttarakhand) for the year 2016 and 2017 at India Meteorological Department, New Delhi for two months.

* Analyzed temporal variations of Black carbon over Ranichauri Station (Uttarakhand) for the year 2016 and 2017. Studied the effects of climatic conditions and anthropogenic causes for the significant increase in the black carbon concentration over the Himalayan foothill. Equipped with the working of the instrument Aethalometer, for the extraction of black carbon concentration, and the use of R software for the analysis of various trends and variations of Black carbon concentration.

**Instrument Used**: Aethalometer; **Software Used**: R

# 4. Leadership Roles and Certificates

* Cultural: Member of *Riyaaz, Music Society of Maitreyi College. University of Delhi*
* Extra-Curricular: Group head of the Military Training Camp, held by Amity University.
* Certification in Vocal classical music(1st year) from Bharati Kala Kendra, Lucknow
* Academics: Vice-Prefect of V.N.B.Sschool(2012), New Delhi; Member of Debate Society at School.

# 5. Skills and Interests

* **Compute**r: Microsoft Word, Excel and PowerPoint, Basics of R software, Molecular tools and techniques (PCR) **Language:** Proficient: English, Hindi, Bengali; Conversational: German.
* Interest in travel, photography, art and music, Trekking,

# 6. Personal Details

Name : Sucharita Kundu

Father’s Name : Kamalesh Kundu

Gender : Female

Date of Birth : 14/07/1995

Nationality : Indian

Languages Known : English, Hindi, Bengali

# 7. Reference

# Reference 1: Juned Khan Reference 2: Dr. Ambrina Sardar Khan

# Practice Leader & Senior Assistant Professor

# Management– Energy, Climate Change & Sustainability Amity Institute of Environmental Sciences

# Mobile No: 7718811801 Mobile No.: 9999709932

# 8. Declaration

sign.jpgI certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience.

Place: - New Delhi