

Tripti Singhal

330/2 , Teacher colony,
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EXPERIENCE

TERI, New delhi — Research consultant

(1.11.2019-29.02.2020)

Assessed the respiratory health effects of exposure to ambient air pollution:

- Using survey based study for assessment
- Using functional assessment using Spirometry
- Performed literature search to support the project
- Administered survey questionnaire on various village populations and school children across different states of India
- Air quality monitoring using the instrument Particulate Matter Sampler.

EDUCATION

National Institute of Information Technology, New Delhi— Course in Programming and data exploration in python

July 2019-September 2019

Ignou, New Delhi —Post Graduate Certificate in Geoinformatics (PGCGI) from IGNOU

July 2018- December 2018

Final Grades: 66%

Amity University, Noida— M.sc. in Environmental Sciences

2017-2019

Final Grades: 68.8%

Mukund Lal National College(Kurukshetra university), Yamunanagar — B.sc. in Life Sciences

2013-2016

Final grade: 56%

SKILLS

Survey researcher with knowledge of statistical data analysis.

Satellite Image Processing
Using ArcGIS and ERDAS
Imagine.

Data visualisation through
Python Programming.

CONFERENCES

- (25.09.2017) National Conference on Building Communities Resilient to Climate Change.
- (06.06.2018) World Environment Day celebration at Vigyan Bhavan, New Delhi.
- (22.03.2018) Seminar on World Water Day at Central Water Commission, New Delhi.
- (5.03.2019-9.03.2019) Emerging Technologies, Innovation, Incubation and Entrepreneurship Development by CDAC, NESAC, Meghalaya.

LANGUAGES

English, Hindi and
Elementary Japanese

**Shah Satnam Ji girls School, Sirsa(Haryana) — 12th (CBSE) in
Physics, Chemistry and Biology**

2011-2013

Final grade: 72%

Shah Satnam Ji girls School, Sirsa(Haryana) — 10th (CBSE)

2009-2011

Final Grades: 8.8 CGPA

PROJECTS

**North-Eastern Space Application Centre(ISRO), Umium,
Meghalaya — Project Student**

(10.01.2019 – 15.06.2019)

Under the guidance of Director P.L.N. Raju co-guided by Research scientist Suranjana Borah at North-Eastern Space Applications Centre(ISRO), Umium, Meghalaya.

Topic: Environmental Monitoring Of Umiam Lake based on Remote Sensing Parameters

National Informatics Centre, New Delhi — Intern student

(09.05.2018 – 09.07.2018)

Under the guidance of Senior Technical Director Mr. Ajay

Kumar at National Informatics Centre, New Delhi.

Topic: Classification of Land use/Land cover of West Bengal

REFERENCES

1) Dr. Shivangi Somvanshi
Assistant Professor
IQAC Member (AIES)
Amity institute of
Environmental
Sciences, Noida, India.
ssomvanshi@amity.edu
shivangi.842003@gmail.com

2) Suranjana Borah
Senior specialist - GIS and
Remote Sensing
International Rice Research
Institute, Guhawati, India
suranjana85@gmail.com

3) Dr. Benindar Deshmukh
Professor
IGNOU, Delhi, India.
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