

LAXMI GUPTA

#E326 2nd floor, Delta 1

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CAREER OBJECTIVE: Dedicated to create a positive learning environment

Educational Qualifications	Year	Board/Institution	CGPA (on a scale of 10)
M.Tech. (Disaster Mitigation and Management)	2015	Indian Institute of Technology, Roorkee	8.42
M.Sc (Environmental Science)	2012	Asutosh College (University of Calcutta)	8.03
B.Sc (Chemistry Hons)	2010	Asutosh College (University of Calcutta)	5.30
Twelfth	2005	National High School for Girls (WBCHSE)	6.66
Tenth	2003	Jawaharlal Nehru Balika Vidyapith (WBBSE)	7.56

- Qualified **GATE 2013** with Specialization: **Life Sciences**.
- Qualified **UGC NET 2017, 2018** in **Environmental Science**.

WORK EXPERIENCE

- ❖ **Junior Research Fellow, Amity School of Natural Resources & Sustainable Development, Amity University Noida (29th January 2018 to 31st July 2019)**
- ❖ **Assistant Professor, Department of Chemistry Teerthanker Mahaveer University Moradabad (9th July 2015 to 20 July 2017)**

AREA OF INTEREST

Environmental chemistry, waste water treatment, bio-remediation, environmental impact assessment, e-waste management.

PROJECTS

Amity University Noida Development of GIS based decision support system for health impact assessment due to anthropogenic pollution in river Yamuna funded by Ministry Of Environment Forest and Climate Change .

M.Tech Dissertation, Indian Institute of Technology, Roorkee

Consequence evaluation of chlorine gas release in the industrial area of Bhagwanpur (Uttarakhand) and Durgapur (West Bengal) using ALOHA

National Institute of Disaster Management (Ministry of Home Affairs, Govt of India) Use of vetiver grass for landslide mitigation

M.Sc. Dissertation

Institute of Environmental Studies and Wetland Management (Department of Environment Govt. of West Bengal)

Analysis of Physico Chemical Parameters of Kolkata City Sewage and Its Impact on Bidyadhari River

COMPUTER LANGUAGES

Software Packages ALOHA, ARCGIS, IBM SPSS, MICROSOFT OFFICE.

INSTRUMENTS HANDLED

Atomic Absorption Spectroscopy, Spectrophotometer, Laminar Air Flow Cabinet, Incubator, COD Digester, Colony Counter, GPS Sensor, High Volume Air Sampler.

TECHNIQUES ADOPTED

Environmental Analysis Techniques	Soil Quality ,Water Quality , Ambient Air Quality
Basic Microbiological Techniques	Isolation, Sampling, Transfer and Storage of Microorganisms from air and soil , Staining Techniques, Observation, Identification and Measurement Techniques:
Basic Techniques of Field biology and Ecology	Plankton study: Phytoplankton and zooplankton collection and identification, diatoms extraction, slide preparation and identification. Vegetation study: Quadrat sampling, Girth at breast height Tree height measurement, Line transec

FIELD EXPERIENCE:

Year	Place	Activities
2018	Yamunotri to Sangam	Diatoms sampling ,water sampling ,health survey
2010	East Kolkata Wetland	Vegetation, plankton, butterfly study.
2010	Sundarbans	Study of floral and faunal diversity of Sundarbans Delta

Languages Known: English, Hindi, Bangla

Personal Details

Father's Name: ASHOK GUPTA

Date of Birth: Sept. 14, 1987

Gender: Female

Contact No: 9760436881

REFERENCES

Dr. Ajay Gairola
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in Disaster Mitigation and Management
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Dr. Shishir Sinha
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DECLARATION

I hereby declare that the above mentioned facts and information are true to the best of my knowledge. I will be responsible for any discrepancy found in them

Date:

Place:

LAXMI GUPTA