



RAJAK DEEPU KUMAR
DOB: 21 December 2003
Father: Madan Kr. Rajak
Mother: Premshila Kumari
Address: Ankleshwar, Gujarat, India

☎: 9409256277; 8980556155
Email: rajakdeepu321@gmail.com
Language: English, Hindi, Gujarati
GitHub/Deepu-Research-Unify
LinkedIn/rajak-deepu-kumar

PROFESSIONAL SUMMARY

A committed and research-driven Environmental Science scholar with a strong academic background in sustainability, renewable energy technologies, and interdisciplinary education. Holds a Bachelor of Science with a dissertation on sustainable education models, and a Master of Science focusing on innovative renewable energy solutions for climate change mitigation in rural Bihar. Experienced in environmental sampling, Remote Sensing, GIS, Data analysis, and policy-based research and Auditing. Demonstrated leadership in academic coordination, innovation council activities, and science outreach. Actively engaged in capacity-building initiatives, sustainability workshops, and collaborative research platforms. Committed to advancing applied environmental research with community impact.

CAREER OBJECTIVES

To pursue advanced academic research and policy-oriented work in the field of environmental sustainability, with a focus on renewable energy, environmental education, and rural development. I seek to integrate scientific research with community-based practices to address climate resilience and sustainable development challenges. My long-term goal is to contribute to interdisciplinary solutions through academic scholarship, institutional collaboration, and innovative practices aligned with national and global sustainability agendas.

EDUCATION

Programme	Discipline	Affiliation and Board	Session	Result
M.Sc.	Environmental Science	Central University of South Bihar, Gaya Ji	2023 - 2025	Distinction
B.Sc. (Hons.)	Environmental Science	The MS University of Baroda, Gujarat	2020 – 2023	1 st Class
Intermediate	PCM with Geography	JNV, Roopnagar, Bharuch, Gujarat - CBSE	2019 – 2020	1 st Class
Matriculation	Equivalent	JNV, Roopnagar, Bharuch, Gujarat - CBSE	2017 - 2018	Distinction
CCC	Basics and Concepts	Infosoft Pvt. Ltd., Gujarat - Govt of India	2017	Distinction

DISSERTATION

1. Dissertation thesis submitted in fulfilment of the degree of Bachelor of Science

May 2023

Supervisor: Dr. Swayam Siddha

“Working toward the Sustainable transformation of Education linked with Tech-Trad Methods”

✚ To enrich curiosity with the pedagogy technique demand from the Pupil in a sustainable environment
2. Dissertation thesis submitted in fulfilment of the degree of Master of Science

May 2025

Supervisor: Prof. Pradban Parth Sarthi and Dr. Sunny Kumar

“Innovative Renewable Technologies and their Role in Climate Change Mitigation of Rural Areas in Bihar”

✚ Exploring and Assessing the Currents Energy Trends, developing sustainable manner of energy production in Bihar

EXPERIENCE

Designation	Role	Mode	Year
National Service Scheme (NSS)	Volunteer	Field & Remote Work	March 2025
Showcase: Ideation (IIC - CUSB)	Event Coordinator	Field Work	Feb 2025
Institution Innovation Council - CUSB	<ul style="list-style-type: none">Executive Joint SecretaryDepartment Co-ordinatorInnovation Joint Secretary	Incubator Idealist	Sep 2024
Environmental Awareness Programme	Adviser, Report Analyst	Field Work and Survey	June 2024
Swachh Bharat Internship	Group Leader, Report Analyst	Field Work and Survey	Dec 2023
Sattva – The Enfest	Organization Committee	Onsite Field Work	Feb 2023
प्रकृति प्रहरी – पर्यावरण संरक्षण	Volunteer for Awareness	Field Work	April 2022

CERTIFICATION

Course on Computer Concepts (MoCA, Govt. of India)	IoT Software Analyst (Reliance Foundation)
Solid Waste Management (SWAYAM)	Sustainability and Corporate ESG (Reliance Foundation)
Non- Government Organization (SWAYAM)	TCS Professional Career Edge (TCS)
Data Analytics and Auditing (Deloitte and KPMG)	Environmental Health and Safety (UniAthena)

CORE COMPETENCIES

Technical Expertise: Environmental sampling, Data Analysis, Remote Sensing & GIS, R-Software, Python, MS Office

Environmental Science: EIA and Legislation, Soil and Water Testing, Sampling, Waste Management, Urban Planning

Research Methodology: Laboratory techniques, Auditing, LCA, Data collection, Analysis, Management and Fieldwork

Soft Skills: Teamwork, Leadership, Critical Thinking, Problem Solving, Report Analyst

Interest: Education, Curiosity on IKS, Sustainability startup, Workshops, Seminars, AI prompting

POSITIONS AND RESPONSIBILITY

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| ▪ Department Co-ordinator, <i>Institution's Innovation Council (IIC) – CUSB</i> | <i>Sep 2024 - May 2025</i> |
| ▪ Class Representative, <i>Department of Environmental Science</i> | <i>Oct 2023 - May 2025</i> |
| ▪ Group Leader, <i>JNV: National Children Science Congress</i> | <i>Nov 2015 - Dec 2017</i> |

ACHIEVEMENTS

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|---|-------------|
| ▪ Showcase: Ideation (IIC - CUSB): Event Coordinator | <i>2025</i> |
| ▪ Deepu's Research Unify: Blogging Website | <i>2023</i> |
| ▪ Agastya Foundation: Conducted workshops using scientific experimental learning methods | <i>2023</i> |
| ▪ IIT-JAM (Economics): Qualified | <i>2023</i> |
| ▪ KVPY: Qualified | <i>2019</i> |
| ▪ National Mathematics Olympiad: First Position with Cash Prize | <i>2016</i> |

PERSONAL DETAIL

Name	:	Rajak Deepu Kumar
Date of Birth	:	21. December .2003
Father Name	:	Madan Kumar (Self Business)
Mother Name	:	Premshila Kumari (House Wife)
Blood Group	:	O +ve
Height	:	167 Cm
Weight	:	64 Kg
Language	:	English, Hindi and Gujarati
Professions	:	Instrumentation, Data and Report Analyst, Computing, Leadership
Address (C)	:	153 Krishna Park society, near Kapodara Patiya, Valia Road, GIDC, Ankleshwar, Dist.: Bharuch, Gujarat; Pin code: 393001
Address (P)	:	Ward Number: 14, Village: Turkaulia, Post: Kamalpura, PS: Paroo, Bhaya-Bakhra, Saraiya Road, Dist.: Muzaffarpur, Bihar, Pin code - 843101

DECLARATION

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

Date: 14 July 2025

Place: Ankleshwar

Rajak Deepu Kumar