

AKANKSHA SONI

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CAREER AND RESEARCH OBJECTIVE

I want to become specialist professional and work in an institute where I can utilize my skills and gain further experience while enhancing the organization's productivity. I want to acquire specialised knowledge in domain of Groundwater Hydrology and Climate variability (Water Resources Engineering) by pursuing research from prestigious IIT Madras before pursuing career in industry or academics.

EDUCATIONAL PROFILE

Qualification	School/College	Year of passing	Board / University	Percentage / CGPA
Ph.D. (CIVIL ENGINEERING: ENVIRONMENTAL AND WATER RESOURCE ENGINEERING)	IIT Madras	-	IIT Madras Chennai – Tamil Nadu	Pursuing
M.TECH (AGRICULTURAL ENGINEERING: Soil & Water Conservation)	Institute of Agricultural Sciences	2020	Banaras Hindu University	8.59
B.TECH (CIVIL ENGINEERING)	A.I.T.M. Varanasi	2017	Dr. APJ Abdul Kalam Technical University	83.22
INTERMEDIATE (SCIENCE)	Agrasen Kanya Inter College	2013	U.P.	75.6
MATRICULATION	Agrasen Kanya Inter College	2011	U.P.	68.5

TECHNICAL SKILLS

- Proficient in ArcMAP
- Proficient in GIS & Remote Sensing
- Proficient in AutoCAD
- Proficient in STAAD Pro
- Proficient in Microsoft office

PROJECTS TITLE

- B.Tech Project Name: **“Design & Analysis of rigid and flexible pavement”** Site of Construction of pavement: Babatpur Road, Varanasi.
- M.Tech Project Name: **“Assessment of Long-term Groundwater Scenario in Mandla District of Madhya Pradesh”** from National Institute of Hydrology, Bhopal, Madhya Pradesh.

EXAM QUALIFIED

GATE 2018 (CE)

GATE 2020 (CE)

GATE 2019 (CE)

GATE 2021 (CE)

INDUSTRIAL TRAINING

- Uttar Pradesh State Bridge Corporation Limited on **Pile Foundation (Process & steps adopted during construction of flyover i.e. foundation of pile, pile cap, pier).**
- **“Remote Sensing & GIS in Soil and Water conservation and its Application”** at ICAR-Indian Institute of Soil and Water Conservation, Research Institute in Kaulagarh Road , Dehradun, Uttarakhand.
- Diploma in Financial Accounting (6 month).
- **“Rainfall Data Analysis Using Different Packages of R Software”** organized by KSCSTE-Centre for Water Resources Development and Management, Kozhikode, Kerala.

CONFERENCE ATTENDED

- **Indian Society of Agriculture Engineers in 2019 @ BHU, Varanasi, UTTAR PRADESH.**
- Participated in the **National Level Webinar on WATERSHED PRIORITIZATION** in 2020 @ **SCHOOL OF ARTS AND SCIENCE, AV Campus, VMRF, Paiyanoor, Chennai.**
- Participated as **Delegate** in the **International Webinar on Achieving Land Degradation and**

Neutrality in 2020 @ Indian Association of Soil and Water Conservationists in collaboration with **ICAR- Indian Institute of Soil and Water Conservation** and **Indian Council of Forestry Research and Education, Dehradun, Uttarakhand.**

- Presented paper in **International Conference on Soil and Water Resource Management 2021@MPUAT, Udaipur, Rajasthan.**
- Attend the **National Workshop on " Water Budgeting: An Approach for Sustainable Water Resources Management in Rajasthan "** organized by **AICRP on Irrigation Water Management, Directorate of Research, MPUAT, Udaipur.**
- Attend the **International Webinar on "Sustainable Groundwater Management: Current Challenges around the World"** organized by **Department of Soil and Water Engineering, CTAE, MPUAT, Udaipur.**

Academic Achievement

Gold Medal in B. Tech

Academic Courses

- Certification Course (Online) from **IIT Kanpur**
1. Design thinking for agricultural implements (6 week)
 2. E-extension (6 week)

EXTRA CURRICULAR ACTIVITIES

- Active sport participant.
- Actively participate in workshop and cultural programs.

PERSONAL DETAILS

Personal Skills:

- Co-ordination
- Divergent & Creative Thinking
- Adaptability
- Discipline

Hobbies:

- Plantation
- Net surfing
- Reading literatures.
- Listening music.
- Travelling.

Father's Name: Mr. Babu Lal

Date of Birth: 30-08-1998

Gender: Female

Language Known: English and Hindi (Read & Write)

Permanent Address: Post-Office, Daranagar, Varanasi, U.P., **Pincode:** 221001.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and understanding.

AKANKSHA SONI

(Signature)