

## **JABBAR KHAN**

H.No. 65

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### **CAREER OBJECTIVE**

Seeking a challenging career in the domain of Water Conservation, Water Management and Environmental Science producing innovative practical solutions to challenging Environmental Problems, utilizing my knowledge and adding continuous value to my organization and to my carrier in multiple dimensions.

### **SPECIALIST FIELD**

- Forest Soil-Water Conservation and Plantation Audit
- Water Conservation and Management
- Water Audit R&D based (Industrial, Mining, Infrastructure and other etc.)
- Environment Management
- Rainwater Harvesting design and maintenance
- Wastewater Treatment
- Remote Sensing (Operation/ Monitoring)
- Data Analysis
- Rainfall Monitoring and analysis
- Geophysical Analysis
- Environmental Impact Assessment
- Agricultural Water Management and Scientific cropping techniques
- Scientific garden development (One drop water management study pattern)
- Food/water/soil quality analysis
- Natural (Organic) Agriculture & medicinal farming
- Air/water/soil scientific field survey & monitoring
- High-tech Laboratory Instrument (Operation/ Monitoring)

### **EDUCATIONAL QUALIFICATIONS.**

Sl. No.	Course/Degree	Subject (Specialization from)	University/ Institute	Year of Passing
1.	PhD	“Water Resource Management: Water Audit, Groundwater Quality, Metals Identification and Bioremediation”	MUJ, Jaipur	PhD Work is completed (Submission under processing)
2.	Master of Science	Environmental Science (Water Resource Management)	University of Rajasthan	2015
3.	P.G. Diploma in Water Resource Management	Water Resource Management and Hydrogeologist	University of Rajasthan	2012
4.	Master of Science	Bio-Chemistry (Water Quality)	University of Rajasthan	2012
5.	Bachelor of Science	Chemistry, Zoology, Computer Application	University of Rajasthan	2007

## **WORK EXPERIENCE**

<b>Name of Project</b>	<b>Employer/ Institution</b>	<b>Designation</b>	<b>Experience of Work</b>	<b>Period</b>
<b>2022</b> Rajasthan CAMPA Forest Audit Third party evaluation	CDECS third- party evaluation CAMPA team	Regional Coordinator team CAMPA (Project)	<ul style="list-style-type: none"> <li>• Plantation Counting</li> <li>• Forest Audit</li> <li>• Water Conservation and Management study</li> <li>• Soil-Water management Audit</li> <li>• Environmental Study</li> <li>• Hydrogeology Study</li> </ul>	12.02.2022 to End of June
<b>2022</b> Water Audit	National Productivity Council (NPC), Rajasthan	Water Auditor Consultant	<ul style="list-style-type: none"> <li>• Water Conservation and Management study</li> <li>• Water Audit</li> <li>• Hydrogeology Study</li> </ul>	01.12.2022 to continuous
<b>2021</b> R&D Division: Environment Biotechnolgy Research Field	Dr. B. Lal Institute of Biotechnology, Jaipur	Research Scientist	<ul style="list-style-type: none"> <li>• Environmental Research</li> <li>• Water, Soil, Air study and practical</li> <li>• Environmental and water management lecture</li> </ul>	30.11.2021 to continuous
<b>2021</b> Water Resource Management, CGWA and Water Audit Consultant	Enkay Enviro Services Private Limited, Jaipur	Hydrogeologist	<ul style="list-style-type: none"> <li>• Water Conservation and Management study</li> <li>• Water Audit</li> <li>• Hydrogeology Study</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• GIS Software</li> <li>• Remote sensing Software Handling</li> <li>• Geophysical analysis</li> <li>• Water Infiltration Analysis</li> </ul>	01.04.2021 to 31.12.2021

			<ul style="list-style-type: none"> <li>• Rainfall Monitoring and Data Analysis</li> <li>• Environmental Management</li> <li>• Wastewater Management</li> <li>• Soil/Water quality analysis</li> <li>• EIA study</li> </ul>	
<b>2020 -2021</b> CGWB Consultant	Fulgro Environmental and Engineering Services	Hydrogeologist	<ul style="list-style-type: none"> <li>• Water Conservation and Management study</li> <li>• Water Audit</li> <li>• Hydrogeology Study</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• GIS Software</li> <li>• Remote sensing Software Handling</li> <li>• Geophysical analysis</li> <li>• Water Infiltration Analysis</li> <li>• Rainfall Monitoring and Data Analysis</li> <li>• Environmental Management</li> <li>• Wastewater Management</li> <li>• Soil/Water quality analysis</li> <li>• EIA study</li> </ul>	15.11. 2020 to 31/01/ 2021

<b>2019:</b> Water Conservation and Management Master Plan for the State of Punjab” Government of Punjab	Israel-Punjab Government Project (International Project)	Hydrogeologist	<ul style="list-style-type: none"> <li>• Water Conservation and Management study</li> <li>• Water Audit</li> <li>• Hydrogeology Study</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• GIS Software</li> <li>• Remote sensing Software Handling</li> <li>• Geophysical analysis</li> <li>• Water Infiltration Analysis</li> <li>• Rainfall Monitoring and Data Analysis</li> <li>• Environmental Management</li> <li>• Wastewater Management</li> <li>• Soil/Water quality analysis</li> <li>• EIA study</li> </ul>	15.07.2019 to 29.02.2020
<b>2018:</b> Water Management and Soil Project	JWU, Jaipur (Women’s University)	Nodal Officer, R&D Technical Advisor, faculty of Agriculture & Veterinary Science (Agricultural and Environmental Branch)	<ul style="list-style-type: none"> <li>• Water management Study rural area near JWU</li> <li>• Water Audit Management</li> <li>• Water and Soil Sample Collection and analysis</li> <li>• Monitoring with GPS</li> <li>• Metals analysis in Soil and water by AAS instrument</li> <li>• Wastewater Management</li> <li>• Environmental Management</li> </ul>	22.09.2018 to 30.06.2019
<b>2018</b> Water Management and Waste Management	Maharani Girls Govt. College, Jaipur and Hostel	Environmental Specialist (Freelancer Consultant)	<ul style="list-style-type: none"> <li>• Water Management</li> <li>• Waste Management</li> <li>• Rainwater Harvesting Monitoring and Maintenance</li> </ul>	16.05.2018 to 15.05.2019

			<ul style="list-style-type: none"> <li>• Natural Compost Making by Earthworm and microbial</li> </ul>	
<b>2015-2018:</b> Aquifer level and Groundwater Quality Monitoring in Barmer Basin	Project	Project Officer	<ul style="list-style-type: none"> <li>• Water Conservation and Management study</li> <li>• Water Audit</li> <li>• Hydrogeology Study</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• GIS Software</li> <li>• Remote sensing Software Handling</li> <li>• Water Infiltration Analysis</li> <li>• Rainfall Monitoring and Data Analysis</li> <li>• Environmental Management</li> <li>• Soil/Water quality analysis</li> <li>• EIA study</li> </ul>	01.01.2015 to 30.03.2018
<b>2017</b> Soil Improvement: - Water Management Related Medicinal Plant Cropping Patterns	Rajasthan Medicinal Plant Board, Jaipur	Soil Improvement Consultant	<ul style="list-style-type: none"> <li>• Soil Improvement</li> <li>• Water Management Related Medicinal Plant Cropping Patterns</li> </ul>	22.08.2017 to 21.11.2017
<b>2017:</b> Water Management and Soil Project	Kanoria P.G. Mahila Mahavidyalaya, Jaipur	Nodal Officer, R&D Technical Advisor (Environmental Specialist Consultant)	<ul style="list-style-type: none"> <li>• Water management study nearby rural area</li> <li>• Water and Soil Sample Collection and analysis</li> <li>• Remote sensing software handling</li> <li>• Monitoring with GPS</li> <li>• Metals analysis in Soil and water by AAS instrument</li> <li>• Wastewater Management</li> <li>• Environmental Management</li> </ul>	27.06.2017 to 31.03.2018

<b>2012-2014: DST Project, (Govt of India):</b> “Integrated Studies for Groundwater Resource Augmentation for Sustainable Life and Livelihood in Chaksu Subwatershed, Jaipur District, Rajasthan, INDIA”	Centre for Water Management & Research, University of Rajasthan, Jaipur	Project Officer	<ul style="list-style-type: none"> <li>• Water Conservation and Management study</li> <li>• Water Audit Management</li> <li>• Hydrogeology Study</li> <li>• Hydrogeology Study</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• Remote Sensing Software Handling</li> <li>• Water Management</li> <li>• Wastewater Management</li> <li>• Social-economical survey</li> <li>• Water demand</li> <li>• Groundwater Sample analysis</li> </ul>	03.12.2012 to 27. 11.2014
<b>2015:</b> Water Resource Management, Audit and Hydrogeological Studies in Bhadrak (Orissa)	Suresh Gyan Vihar University, Jagatpura, Jaipur	Environmental and Groundwater Associate with Prof. A.K. Sinha	<ul style="list-style-type: none"> <li>• Water Resource Management</li> <li>• Water Audit</li> <li>• Hydrogeology Field survey</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• Remote sensing Software Handling</li> <li>• Water Infiltration Analysis</li> </ul>	17. 08. 2015 to 31.09.2015
<b>2014:</b> Water Resource Management, Audit and Hydrogeological Studies	J.M. EnvironNet (P) Ltd., Jaipur	Environmental Scientist (Consultant Outside part)	<ul style="list-style-type: none"> <li>• Water Resource Management, Audit</li> <li>• Hydrogeology Field survey</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• Remote sensing Software Handling</li> <li>• EIA Study</li> <li>• Environmental Management</li> </ul>	01.04.2014
<b>2010-2012:</b> Aquifer level and Groundwater Quality	Project	Project Fellow	<ul style="list-style-type: none"> <li>• Water Conservation and Management study</li> </ul>	01.06.2010 to 31.05.2012

Monitoring in Barmer Basin			<ul style="list-style-type: none"> <li>• Water Audit</li> <li>• Hydrogeology Study</li> <li>• Groundwater Sample collection</li> <li>• GPS Handling</li> <li>• GIS Software</li> <li>• Remote sensing Software Handling</li> <li>• Water Infiltration Analysis</li> <li>• Rainfall Monitoring and Data Analysis</li> <li>• Environmental Management</li> <li>• Soil/Water quality analysis</li> <li>• EIA study</li> </ul>	
<b>2009:</b> Packed Drinking Water	Parle Agro Bailey Packed Drinking Water (Sourabh Foods)	Chemist (Drinking Water)	<ul style="list-style-type: none"> <li>• Water Testing</li> <li>• Chemical Laboratory Work</li> </ul>	21.04.2009 to 13.11.2010
<b>2018</b> Academic Training	<p>Project “Status of Available Training Package, Development of Entrepreneurial Skills and Identification of Future Needs in Home Science Graduates”</p> <p>Workshop “To Demonstrate Vermicomposting and kitchen gardening skills amongst Adolescent Girl Residing at Government college level ST/SC Hostel, Gandhi Nagar, Jaipur”</p> <p>Department of Home Science, University of</p>	Environmental Expert/Consultant	<ul style="list-style-type: none"> <li>• Kitchen waste management</li> <li>• Vermicomposting</li> <li>• Kitchen Gardening</li> <li>• Water Management in kitchen gardening</li> </ul>	

	Rajasthan, Jaipur			
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## MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS AND PUBLICATIONS:

- J. Khan, R. Singh, P. Upreti, R.K. Yadav (2022). Geo- statistical assessment of soil quality and identification of Heavy metal contamination using Integrated GIS and Multivariate statistical analysis in Industrial region of Western India, Environmental Technology and Innovation.
- M.P. Akhtar, F. A. Faroque, J. Khan, H. Pandey (2022). Data based modal development on swelling characteristics of expansive earth material from selected sites under West Bebgal region in India, Materials Today: Proceedings
- K.K. Tiwari, M.K. Bidhar, G. Gupta, J. Khan, A.K. Upadhyay, N.K. Singh (2021). Metal accumulation potential and tolerance responses in Alternanthera dentata grown under multi metal treatment, Environmental Technology and Innovation.
- Gupta, G., Khan, J., Singh, N.K. (2021). Application and efficacy of low-cost adsorbents for metal removal from contaminated water: A review, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2021.01.316>
- Gupta G., Khan J., Singh N.K. (2020). Phytoremediation of metal contaminated sites. In: Hassanuzzaman, M. (Eds) Plant ecophysiology and adaption under climate change: Mechanism and Perspective I. Springer, Singapore (ISBN 978-981-15-2172-0) 725-745.
- Gupta G., Khan J., Upadhyay A.K., Singh N.K. (2020). Wetland as a Sustainable Reservoir of Ecosystem Services: Prospects of Threat and Conservation. In: Upadhyay A., Singh R., Singh D. P. (Eds) Restoration of Wetland Ecosystem: A Trajectory Towards a Sustainable Environment. Springer, Singapore (978-981-13-7664-1) 31-43.
- “Bioabsorbants for groundwater purification and metal removal” Participed and presented paper in the International Conference on “Cutting-edge Research in Material Science and Chemistry” (CRMSC-2021), Manipal University Jaipur.
- Study of Water Quality & Water Supply to Civil Lines Area and Kathputali Nagar Kacchi Basti Near Vidhansabha, Jaipur, Rajasthan (Project Officer, DST-Project, UOR, Jaipur And Research Scholar, UOR, Jaipur), 101st Indian Science Congress[ Feb 3rd to 7th, 2014, Jammu]
- Towards Safe Water Ground Water Analysis of Some Rular Areas Near Jaipur, India (Mr. Jabbar Khan, Mr. Puneet Kumar Parashar, UOR, Jaipur), International Conference on Environmental Awareness: Protection & New Challenges [Feb 3rd & 4th, 2017]
- Participed and consultancy “ Soil improvement to increase yield of the produce” in Rajasthan State Medicinal Plants Boards [2017]
- Attended the webinar “Recent advances in Water Resouces Planning” in Manipal University Jaipur [2020]
- Attended Workshop “Data analysis with SPSS ” in Manipal University Jaipur [2020]
- Member of the Organizing Committee of DST, Govt. of India sponsored INSPIRE program, Centre for Water Management & Research, University of Rajasthan.
- Member on the Organizing committee of Centre Groundwater Board, Ministry of Water Resources, Govt. of India sponsored 6th Meeting and 3rd R&D Session program, Centre for Water Management & Research, University of Rajasthan.
- Participation in Workshop on Techniques in Biotechnology, Indian Science Congress Association.



- Participation in First Rajasthan Congress of Biosciences & National Seminar on Future Strategies for Biological Research.
- Certificate in NSS

### **SKILL & HANDLING WORK**

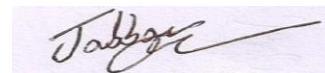
- Remote Sensing: Tools and Software Handling
- Live hydrogeological survey and groundwater quality monitoring on field
- Data Analysis different types of software (GIS, Geodata, SPSS, R Studio, Minitab, Advanced Excel etc.)
- High-tech Laboratory (Physio-Chemical & Biological)
- All task handling according to situation

### **PERSONAL STRENGTHS**

- Hard working
- Punctual
- High level Commitment.

### **PERSONAL INFORMATION**

Father's Name	:	Lt. A.S. Khan
Date of Birth	:	15 <sup>th</sup> Dec, 1983
Nationality	:	Indian
Language	:	English & Hindi



**(JABBAR KHAN)**

