

*Title of Project:*

## **Field Scale Trials of the ARI, Pune Technology for the Removal of Arsenic from Drinking Water in Rajnandgaon District**

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<b>Scientific Team</b>	Dr. Amit Dubey, Co-PI
<b>Name of Funding Agency</b>	Department of Science and Technology, Government of India
<b>Tenure of Project</b>	2008 – 2010

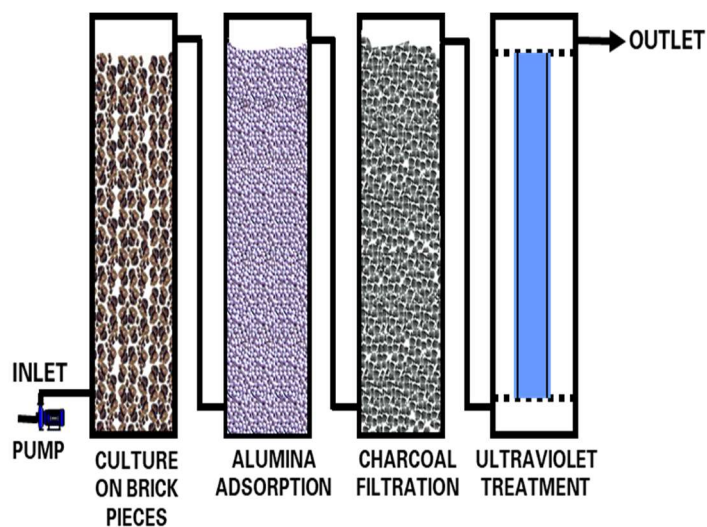
### **Summary of Project:**

The Project was initiated with the objective of installation and field testing of the technology developed by Agarhkar Research Institute, Department of Science and Technology, Pune. The Arsenic Removal Plants which was patented technology of ARI, Pune and a Biotechnology intervention to mitigate arsenic problem in the groundwater were installed at 5 sites in Kaudikasa and Muraithitola villages of Rajanandgaon District. The pre and post treated water was tested at Central Laboratory Facility for Arsenic Content in water, pH, Odor and color and also MPN. Documentation of the experiences for possible replication of the technology in other States was also carried out. A comprehensive Report with presentation of the outcome was submitted to Department of Science and Technology, Government of India.

### **Photographs:**



Arsenic Removal Plant



Functioning of Arsenic Removal Plant