



Bahria University
Discovering Knowledge

FINAL YEAR PROJECT REPORT

**AUTOMATED WATER IMPURITY
DETECTOR**

In fulfillment of the requirement
For degree of
BCE (COMPUTER ENGINEERING)

By

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Abstract

Water pollution is a big issue nowadays and is expected to grow rapidly in the near future. Detection of such types of unhygienic water is a major and sensitive task to execute. Due to the unawareness regarding water pollution, people are becoming ill while drinking, bathing and using such contaminated water. The proposed Automated Water Impurity Detection (AWID) system encompasses different sensors to detect different types of water impurities. The AWID system has the capability to provide quantitative values of the impurities that are usually found in daily used water. The main objective of this project is to detect the impurities present in the water and to make the people aware of such types of impurities before using that resource for any purpose.

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