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(57) Abstract :
Exemplary embodiments of the present disclosure are directed towards a morse code communication using Auduino UNO and method employed thereof. The system comprises an Arduino UNO, a breadboard, at least push buttons, at least one LED indicator, one or more resistors, and a buzzer. All the components connected to the bread board. The Arduino UNO is linked to the breadboard, whereby the Arduino UNO is configured to serves as the central processing unit. It receives input signals, processes data, and generates Morse code translations. The Arduino's processing capabilities enable it to decode morse code sequences, subsequently displaying or transmitting corresponding text messages. The system processes the code, converting it into textual characters that represent sensed water quality data. The morse code communication system for water quality sensing is designed to provide a versatile and efficient method for transmitting and receiving morse code signals related to water quality data. Fig. 1A and Fig. 1C

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