

## ABSTRACT

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*This project aims to address the issue of drastic temperature changes at SeinFarm that affect fish breeding. The project utilizes an automatic heater that adjusts based on the temperature, especially when the water temperature drops to a very cold 15 degrees Celsius, which is extremely dangerous for the fish being farmed. The optimal water temperature for the fish is between 26-30 degrees Celsius. This heater is designed to automatically regulate the water temperature, maintaining optimal conditions for fish growth and health. By implementing this technology, it is expected to improve the survival rate and quality of fish bred at SeinFarm. This project also highlights the importance of applying modern technology in fish farming to enhance efficiency and productivity.*

*Keywords: automatic heater, SeinFarm, fish farming, modern technology, temperature changes*