

**V.S.B Engineering College, Karur**  
**Department of information Technology**  
**IBM NALAIYA THIRAN**

**TITLE:** VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning

**DOMAIN NAME:** Artificial Intelligence

**LEADER NAME:** Sneha S

**TEAM MEMBER NAME:** Pavithra S

Sivaranjani S

Vishnupriya R

**MENTOR NAME:** Praveen kumar G

**PROBLEM STATEMENT:**

Swimming is one of the best exercises that helps people to reduce stress in this urban lifestyle. Swimming pools are found larger in number in hotels, and weekend tourist spots and barely people have them in their house backyard. Beginners, especially, often feel it difficult to breathe underwater which causes breathing trouble which in turn causes a drowning accident. AngelEye is a leader in the pool safety market and offers systems for drowning detection and prevention. The most innovative software technologies developed by AngelEye and patented underwater cameras detect all the movements of swimmers by providing notifications to safety



