



**IJARCSE**

# CERTIFICATE

OF PUBLICATION

THIS CERTIFICATE IS AWARDED TO:

***Swati Joshi***

for an outstanding research contribution titled as

**Anomaly Detection in Smart Home IoT Devices Using Unsupervised Learning**

This serves as a testament to their expertise and valuable contribution in maintaining the quality and standards of the publication.

**This certificate was awarded on November 04, 2025**

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