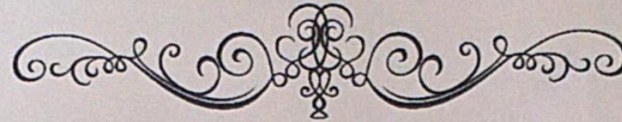


Paper ID: 194607



CERTIFICATE OF PRESENTATION



This is to certify that

W.P.J. Pamarathne

Delivered an oral presentation during the International Conference on Computer Science, Electrical and Electronic Engineering (ICCEE 2019) In Seri Pacific Hotel Kuala Lumpur, Malaysia, 29th – 30th April 2019.

Paper Title: Ant Colony Optimization Algorithm to Solve Electrical Cable Routing

A handwritten signature in black ink, appearing to read 'Dr. Rostam Affendi Hamzah', written over a horizontal line.

Dr. Rostam Affendi Hamzah
Chairman of Conference

