



## Paper Presentation Certificate

This is to certify that the paper entitled

eLearning based Book Recommendation Using Collaborative Filtering and Sequential  
Pattern Mining

by *Taushif Anwar; V Uma; Shahjad A*

has been presented at the

**International Conference on Data Analytics for Business and Industry**

organized by the University of Bahrain  
on 26 – 27 October 2020 ONLINE



Hatem Masri , Program Chair

A handwritten signature in purple ink, which appears to read "Hatem Masri".