



**ANTIC**  
**2024**



**4<sup>th</sup> International Conference on  
Advanced Network Technologies and Intelligent Computing (ANTIC-2024)**

**19-21 December, 2024**

**Organized By:**

**Department of Computer Science, Institute of Science, Banaras Hindu University, Varanasi, India**

**CERTIFICATE**

**This is to certify that Prof./Dr./Mr./Ms.**

**Miodrag Zivkovic**

**presented a paper titled**

Artificial neural networks with soft attention: Natural language processing for phishing email detection optimized with modified metaheuristics

**authored by**

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