



**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.**

**Aditya Ghosh**

**presented a paper titled**

**High-Capacity Coverless Steganography Using Pixel Gradient Analysis**

**authored by**

**Aditya Ghosh, Md Sayeef, Aritra Kumar Patra, Pabak Indu, Souvik Bhattacharyya**



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**in the 4<sup>th</sup> International Conference on Advanced Network Technologies and Intelligent  
Computing (ANTIC-2024) organized by Department of Computer Science, Institute of Science,  
Banaras Hindu University, Varanasi, India in hybrid mode during 19-21 December, 2024.**

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