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**4th International Conference on  
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Organized By:

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

**CERTIFICATE**

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

Arvind Mewada

**presented a paper titled**

Spammer Groups Detection in Online Reviews: A Novel Approach Using FP-Growth and Behavioral Features

**authored by**

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Computing (ANTIC-2023) organized by Department of Computer Science, Institute of Science,  
Banaras Hindu University, Varanasi, India in hybrid mode during 20-22 December, 2023.**

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