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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number: 2021101073**

The Commissioner of Patents has granted the above patent on 14 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

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**Title of invention:**

**Adaptive clustering Based Energy Efficient System for Intelligent Routing in Wireless Sensor Networks**

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**Term of Patent:**

Eight years from 27 February 2021



**Dated this 14<sup>th</sup> day of April 2021**

Commissioner of Patents

**PATENTS ACT 1990**

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