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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**

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



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

Commissioner of Patents

**PATENTS ACT 1990**

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