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**Publication Details:(LAST FIVE YEARS)**

**Patent Journal- 1**

1. Title of the Invention: “Recognition of Underwater Blind Vision Using Artificial Intelligence”, The Patent Office Journal No. 51/2019 Dated 20/12/2019 pp -61315.

**International Journals: 12**

1. **Dr.S.Balaji**, Suthir S, Rajesh Manoharan, Mohammad Obaidat, Suresh KC 'Selection of Intermediate Routes for Secure Data Communication Systems using Graph Theory Application and Grey Wolf Optimization Algorithm in MANETs', **IET Networks**, online first April 2020, DOI: 10.1049/iet-net.2020.0051.(**WoS,Scopus**)

2. Mrs.M.Parameswari, Dr.P.Ezhilarasi , **Dr.S.Balaji** , Dr.S.Arun 2020 ‘Valuable Vitality Remote Perceiving in Cloud IoT’,**TEST Engineering and Management**,Vol 82,pp. 1986-1992.(**Scopus**)

3.**Balaji.S**, Subburaj.S, Sathish.N, and Bharat Raj.A 2019 ,‘An Hybrid Defense Framework For Anomaly Detection in Wireless Sensor Networks, Chapter -**Emerging Trends in Computing and Expert Technology –Springer** ,pp 915-922. ([https://doi.org/10.1007/978-3-030-32150-5\\_92](https://doi.org/10.1007/978-3-030-32150-5_92)).(**Google Scholar**)

4.**Balaji.S**, Sasilatha.T 2019, ‘A Peer to Peer Botnet Framework for Network Threat Detection in Wireless Networks’ in **International Journal of Recent Technology and Engineering (IJRTE)**, Vol.7 ,Issue-5S2, pp 234-236.(ISSN: 2277-3878, <https://www.ijrte.org/wp-content/uploads/papers/v7i5s2/ES2037017519.pdf>)(**Scopus**)

5. **Balaji.S**, Sasilatha.T 2019, ‘Detection of Denial of Service Attacks by Domination Graph Application in Wireless Sensor Networks’ in **Cluster Computing- The Journal of Networks, Software Tools and Applications**, Volume 22(6), pp 15121 - 15126(<https://doi.org/10.1007/s10586-018-2504-5>).(SCIE)

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8.Sasilatha.T, **Balaji.S**, Suresh Mohan Kumar.P 2018, ‘Detection Of Multi-Layer Attack Using Anticipated Relay Algorithm in Wireless Sensor Networks’ **International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)**,Vol. 8,Special issue 6,pp 831-836.(Scopus)

9. **Balaji.S**,Dr.N.Pughazendi,S.E.Praveenkumar,V.Vishal,R.Vignesh,2018,‘E-Medical Application using QR code with OTP generation’, **International Journal of Innovative Research in Science, Engineering and Technology**, Vol. 7, Special Issue 2,pp 86- 92.(Google Scholar)

10.N Pughazendi, R Sathishkumar, **S Balaji** , S Sathyavenkateshwareen, S Subash Chander, V Surendar 2018 ‘Heart attack and alcohol detection sensor monitoring in smart transportation system using Internet of Things’, IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS),Chennai, 21 June 2018 ,doi:10.1109/ICECDS.2017.8389564.(IEEE Xplore, Scopus).

11.Sasilatha.T,**Balaji.S** 2017,‘Malicious node detection system using hash chains approach in IoT based sensor networks’, **Journal of Advanced Research in Dynamical and Control Systems**, Issue 2,pp 501-513.(Scopus)

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