- 1. **Dr.Paulchamy B.,** R.Saravanakumar "Flight crash detection using ADHOC Networks", Asian Journal of Applied science and Technology (**AJSAT**), Volume 2, Issue 2, April 2018, Page:212-215. **Impact Factor:4.643**
- 2. **Dr.Paulchamy B.,** E.Babu Thirumangai Alwar "IOT Based waste management in Smart City", Asian Journal of Applied science and Technology(**AJSAT**), Volume 2, Issue 2, April 2018, Page: 387-394. **Impact Factor: 4.643**
- 3. **Dr.Paulchamy B.,** R.Punitha "Advanced security system using wireless technologies", Asian Journal of Applied science and Technology (**AJSAT**), Volume 2, Issue 2, April 2018, Page: 376-379. **Impact Factor:4.643**
- 4. **Dr.Paulchamy B.,** R.Punitha "Proficient waste management implementation system using internet of things", Asian Journal of Applied science and Technology (**AJSAT**), Volume 2, Issue 2, April 2018, Page: 407-412. **Impact Factor:**4.643
- 5. **Dr.Paulchamy B.,** K.R.Kannan "Design and implementation of smart guidance Robot for physically challenged people", Asian Journal of Applied science and Technology(**AJSAT**), Volume 2, Issue 2, April 2018,Page:380-386. **Impact Factor:4.643**
- 6. **Dr.Paulchamy B.,** C.Sundhararajan "Design of Smart helmet and bike management system", Asian Journal of Applied science and Technology (AJSAT), Volume 2, Issue 2, April 2018, Page: 207-211. Impact Factor: 4.643
- 7. **Dr.Paulchamy B.,** M.Sathya "Proficient technique for monitoring an elephant intrusion in forest border areas in Embedded Systems", Asian Journal of Applied science and Technology (**AJSAT**), Volume 2, Issue 2, April 2018, Page: 314-319.
- 8. **Dr.Paulchamy B.,** K.R.Kannan "Design and implementing a detection system for food quality", International education and Research journal (**IERJ**), Volume 4, Issue 4, April 2018, Page: 4-7. **Impact Factor:5.564**
- 9. **Dr.Paulchamy B.,** K.Mahendrakan "Design and Analysis of low power dual Edge triggered flip flop Using multithreshold CMOS", International education and Research journal (**IERJ**), Volume 4, Issue 4, April 2018, Page: 30-32. **Impact Factor: 5.564**
- 10. **Dr.Paulchamy B.,** E.Babu Thirumangaialwar "Wireless Alert System for Deaf and Blind people", International Journal of Scientific engineering and applied science (**IJSEAS**), Volume 4, Issue 4, April 2018, Page: 27-30. **Impact Factor:4.214**

- 11. **Dr.Paulchamy B.,** T.Dinesh Kumar "A novel approach of obstacle detection for visually impaired people using sensor devices based ultrasonic system", International Journal of Scientific research and development (**IJSRD**), Volume 6, Issue 2, April 2018, Page: 629-631. **Impact Factor: 4.396**
- 12. **Dr.Paulchamy B.,** N.Vinothini "Design and development of smart wheelchair Using voice recognition and head motion", International Journal of Scientific engineering and applied science (**IJSEAS**), Volume 4, Issue 5, April 2018, Page: 01-05.**Impact Factor:4.214**
- 13. **Dr.Paulchamy B.,** K.Kalpana "Modified Master Key based Multipath Reinforcement Pre-Distribution Scheme for Wireless Sensor network", International Journal of Innovative technology and Exploring Engineering (**IJITEE**), Volume 8, Issue 10, August 2019, Page: 2397-2400. **Impact Factor:0.1** (Scopus Indexed Journal)
- 14. **Dr.Paulchamy B.,** K.Kalpana "An Efficient Architecture of Vedic Multiplier Using FINFET based Pass Transistor Logic", International Journal of Engineering and Advanced technology (**IJEAT**), Volume 9, Issue 03, February 2020, Page: 2605-2611. **Impact Factor: 0.1 (Scopus Indexed Journal)**
- 15. **Dr.Paulchamy B.,** B.Hakkem "Endorsing Employment Confidence of Women through appropriate coir cluster Merchandises Training and Development for their life uplifting in Rural Environment", Global research and Development Journal for Engineering (**GRDE-Journal**), Volume 5, Issue 06, May 2020, Page: 32-37. **Impact Factor:2-018**
- 16. **Dr.Paulchamy B.,** V.Nagasumathy "Design and Implementation of Proficient Agricultural Robot Farming Using Solar Technology", Journal of XIDIAN UNIVERSITY (**JXU**), Volume 14, Issue 06, June 2020, Page: 2714-2722.**Impact Factor:5.4 (Scopus Indexed Journal**)
- 17. **Dr.Paulchamy B.,** Nikhyda.N. Dr.S.Kavitha "ECG Processor with Optimized Hybrid Classifier for Cardiovascular Arrhythmia", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (**IJIREEICE**), Volume 08, Issue 09, September 2020, Page: 30-39. **Impact Factor: 6.581**
- 18. **Dr.Paulchamy B.,** P.Vijayalakshmi. Dr.K.Mahendrakan "Micro robot for Wireless Capsule Endoscopy and Targeted Drug Delivery", i-manager's Journal on Instrumentation and Control Engineering (**i-Managers JI&CE**), Volume 7,Issue 04,August 2019,Pages1-11.**Impact Factor:1.600**

- 19. Dr. Paulchamy B., P. Vijayalakshmi. Dr. K. Mahendrakan "Design and implementation of proficient model for doctors to Analyze the critical stage of patient using augmented Reality", Proteus Journal (PJ). Volume 11, Issue 10, September 2020, Pages: 8-21. UGC-Care (Group-II)-Web of Science Group -Impact Factor: 1.25.
- 20. Mr.V.Vinoth Kumar **Dr.B.Paulchamy**, "Tumor Categorization Model (TCM) Using Soft Computing Techniques for Providing Efficient Medical Support in Brain Tumor Treatments", Solid State Technology Journal (**SSTJ**). Volume 63, Issue 06, October 2020, Pages: 548-560 *Scopus Indexed Journal –Impact Factor: 1.558*.
- 21. Dr.S.Chidhambaram **Dr.B.Paulchamy**, "An Energy Efficient Neighbor node Based Clustering Algorithm for Wireless Sensor Networks", Solid State Technology Journal (**SSTJ**).. Volume 63, Issue 06, October 2020, Pages: 619-632 Scopus Indexed Journal –Impact Factor: 1.558.