

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Details of Publications (2020-2021)**

1. R .Vijayalakshmi , V. Aarthi, L. Devika , S. Dharshni , B. Sandhiya “Air Pollution Detection And Control Using Internet Of Things” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:63-66,ISSN: 2582-5208,2021(March).
2. K. Sathyasree, R. Sindhuja, M. Jusiga, B . Keerthana “Interleaved half-bridge flyback converter with Soft switching ” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:861-863,ISSN: 2582-5208,2021(March).
3. C. Pratheeba , M. Balagangadhran, M. Raja Ganapathi, L.vignesh, D.Nagarjun “Robotic night vision camera arm for bio medical And surgical appliances” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:137-141,ISSN: 2582-5208,2021(March).
4. T. Jayakumar, C. Arun Kumar, S.R. Saphthagiri Vasam, P. Sathishkumar, T. Vinosh “Iot based wireless automatic railway track Interchanging system” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:918-923,ISSN: 2582-5208,2021(March).
5. V. Arun kumar, , M. Arunprasanth, R. Dinesh Kumar, N. Gurumoorthy, S. Kavim Kumar “ Automatic Power Factor Correction Using Optocoupler” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:49-51,ISSN: 2582-5208,2021(March).
6. G. Ramani, C. Balamuniswaran, S. Gowtham,U. Rajendra prasanth, V. Sugeeth“Iot based street light controlling mechanism and faultWarning system” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 2, PP:1111-1113,ISSN: 2582-5208,2021(Feb).
7. P. Jamuna, P. Dharman, M. Sribharathi, S. Suresh, K. Thazhaimuthu “ Design And Development Of Automated Water Filler For Industrial Boilers Using Pic Microcontroller” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:365-368,ISSN: 2582-5208,2021(March).
8. S. Elango, M. Ellehyarajha, M. Harikrishnan, N.V. Ilamparithi, K. Venkatachalamani “ Smart Home Robotization Utilizing Arduino With Cloud Computing Techonology” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:52-55,ISSN: 2582-5208,2021(March).
9. C. Pratheeba, K. R. Archana, E. Dharshana, M.K. Nandhini, B. Shalini “A Smart Wearable Device Women Safety System Based On Iot” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:20-27,ISSN: 2582-5208,2021(March).
10. P. Jamuna, S.P. Ashik, R. Deepak, R. Gokula Krishnan, M. Sakthi Siva Raja “

- Wireless Fast Charging Electric Vehicle System Based On Ultracapacitor Power Supply” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 2, PP:1158-1176,ISSN: 2582-5208,2021(Feb).
11. T. Jayakumar, V. Barath Kumar, J. Dinesh, A. Nandha Kumar, S. Mohammed Akmaludeen “Air Quality Detection And Monitoring System Using Iot” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:14-19,ISSN: 2582-5208,2021(March).
  12. G. Ramani , S. Rajkumar, P. V. Dharaneesh, S. Manibharathi, M. Surendarraaj “ Hydroponics System For Soilless Farming Integrated With Android Application Using Internet Of Things” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:45-48,ISSN: 2582-5208,2021(March).
  13. V. Arun Kumar , M. Dhinesh, S. Gokulraja, P.S. Karthickh Raghunath, K.C. Santhosh “Self power generating of e-vehicle using Renewable energy resources” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:28-33,ISSN: 2582-5208,2021(March).
  14. R Vijayalakshmi , S. Hariharan, S. Elango, S. Ilango, D. Gowtham Shankar “Power Quality Improvement Of Grid Tied Pv System With Reduced Number Of Components For Stand Alone Applications” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:220-223,ISSN: 2582-5208,2021(March).
  15. K. Sathyasree, N. Haripriya, K. Pavithradevi, M. Shalini “ GSM Based Earth Pit Resistance Automation” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:153-160,ISSN: 2582-5208,2021(March).
  16. Krishnagandhi P, Ahmedasath A, Jeeva M, Kumar k “Iot Based Patient Monitoring System Using Node Mcu” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:56-62,ISSN: 2582-5208,2021(March).
  17. M. Prabu , P. Sudhan, S. Keerthivasan, S. Nagoorkani “Design And Implementation Of Smart Waste Management System For Smart City Using Iot” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:133-136,ISSN: 2582-5208,2021(March).
  18. V. Ravichandran, S. P. Santhosh Kumar, V. Suryadeepan, K. Thirunavukarasu, S. Nachimuthu “Design And Fabrication Of Eco-Friendly Portable Air Conditioner” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 2, PP:1301-1304,ISSN: 2582-5208,2021(Feb).
  19. Prabhakaran S, Sindhupriya , Subhashini V, Visalini S “Smart Energy Meter Auditing With Power Demand Controller Using Internet Of Things” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 2, PP:983-986,ISSN: 2582-5208,2021(Feb).
  20. Prabhu.M , Raviprasanth N, Raja S, Ramanishankar V B, Sakthivel A “Smart Anti Theft Alarm System Using Internet of Things” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 7 , Issue No: 3, PP:632-634,ISSN: 2395-1052,2021(March).

21. B.Ramraj, S.Deenadhayalan, D.Dinesh, C.Navin, G.Sasinthara “ Energy Theft Detection and Controlling System Using Wireless Communication” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 7 , Issue No: 3, PP:573-577,ISSN: 2395-1052,2021(March).
22. A. Satheesh , V. Gowtham, K.S. Navin, N. Omsurya, A.S. Rajvignesh “Sewage Monitoring System Using Iot” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:1247-1254,ISSN: 2582-5208,2021(March).
23. G. Ramani, Koushika. B “ IoT Based Air Quality Analysing And Reporting” International Research Journal of Modernization in Engineering Technology and Science(IRJMETS), Vol.No: 3 , Issue No: 3, PP:1448-1451,ISSN: 2582-5208,2021(March).
24. B.Ramraj, E. Nareshkumar, K. Rajkumar, K. Vijaykumar “Design of Automatic Smart Voltage Stabilizer for Domestic Loads” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 7 , Issue No: 3, PP:569-572,ISSN: 2395-1052,2021(March).
25. S. Kausalya, T. Jayakumar,” IoT Based Real Time Monitoring of Solar Power Plant”, Journal of Alternate Energy Sources & Technologies, Vol.No: 12 , Issue No: 1, PP:43-48,ISSN: 2230-7982,2021.
26. P. Jamuna, G. Ramani, and K. P. Suresh “Performance Validation of PV System Incorporated ZSI-Dynamic Voltage Restorer for Long-Lasting Power Quality Improvement” Journal of Testing and Evaluation, Vol.No: 49 , Issue No: 5, PP:1-19,ISSN: 0090-3973,2020.(Sep)
27. N Ashokkumar, Krishnagandhi P, B Kannan, Y David Solomon Raju “Smart farming field observation Using Embedded Systems” International Journal of Electrical Engineering and Technology (IJEET), Vol.No: 11 , Issue No: 4, PP:241-245,ISSN: 0976-6553,2020(June).
28. J. Indirapriyadharshini , T. Sivaranjani , B. Karthikprabu , G. Saktheeswaran , R. Prince Paul “Design and fabrication of automated oil spraying machine for baking system” Materials Today: Proceedings, PP:1-6,ISSN: 2214-7853,2021(April).
29. S.Natarajan,R.Geetha,M.Sugumaran,T.Jayakumar,K.C.Ramya,G.Balasubramanian,G.Sivaramakrishnan,” Assessment of Z-Source Based 7 level cascaded Multi Level Inverter for Induction Motor Control using Embedded Technique”, Turkish Journal of Computer and Mathematics Education, Vol.No: 12 , Issue No: 11, PP: 7187-7194,ISSN 1309-4653,2021.



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Details of Publications (2019-2020)**

1. Arun kumar V, Elango S, Prabu M, Ramraj B "Transient Overvoltages And Its Prevention And Protection" International Journal of Engineering Trends and Technology, Vol.No: 68, Issue No:3, PP:22-25, ISSN No: 2231-5381, 2020.(March)
2. Vijayalakshmi R, Pratheeba C, Sathyasree K, Ravichandran V "Challenges, Issues And Solution For Hybrid Solar Pv And Wind Power Generation With Off-Grid Integration" International Journal of Engineering Trends and Technology (IJETT) , Vol.No: 68 , Issue No: 3, PP:18-21, ISSN: 2231-5381, 2020.(March)
3. T. Jayakumar, G. Preethi, V. Sree Sureya, D. Lavanya "Efficient Direct Torque Control Of Induction Motor Based On Fuzzy Logic" Journal of Critical Reviews, Vol. no:6, Issue No:6, PP:460-465, ISSN- 2394-5125 , 2019.(December)
4. T. Jayakumar & Albert Alexander Stonier "Implementation of solar PV system unified ZSI based dynamic voltage restorer with U-SOGI control scheme for power quality improvement" Automatika -Journal for Control, Measurement, Electronics, Computing and Communications, Vol.No: 61, Issue NO: 3, PP: 371–387, ISSN: 0005-1144 (Print) 1848-3380 (Online), 2020.(May)
5. S.Jagadeesan, C.Mani, R.Navin Kumar, S.Prabhakaran "High Level Secure Messages Based On Steganography And Cryptography" International Journal of Engineering Trends and Technology (IJETT) , Vol.No: 68, IssueNo: 2, PP:142-145, ISSN: 2231-5381, 2020.(Feb)
6. Maheswari Chennippan, Priyanka E. Bhaskaran, Ibrahim Sherrif K. Adhulrasheed, Thangavel Subramaniam, Ramani Govindasamy "Vibration Signals Based Bearing Defects Identification Through Online Monitoring Using LABVIEW" Journal European des systems Automatisees, Vol.No: 53, Issue No: 2, PP:187-193, ISSN: 1269-6935 (print); 2116-7087 (online), 2020.(April)
7. N.Subha Lakshmi, Arunkumar V, Vijayalakshmi R, Vidhya H "Investigations on Brushless DC Motor Drive to Control Speed Using Single Input Fuzzy Logic and PID Controller" Test Engineering & Management, Vol.no: 83, PP:6174-6177, ISSN:0193-4120, 2020(May-June)
8. Logeswaran T, Elango S, Ramraj B, Prabhu M "A Robotic Arm based Prosthetic Food Feeding Mechanisms for Upper Limb Amputees" International Journal of Advanced Science and Technology, Vol.No: 29, Issue No: 7, pp. 4261-4268, ISSN: 2005-4238, 2020.
9. G.praveen Santhoshkumar, B.Karthikprabu, Mr.S.Sasikumar" Intelligent Circuit Breaker To Prevent The Transformer From Lightening By Using Solid State Devices For Opto

Coupler”, International Journal of Engineering Trends and Technology (IJETT), Vol.No:  
68, Issue No: 3, pp. 32-37, ISSN: 2231-5381,2020(March)



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Details of Publications (2018-2019)**

1. Ravichandran.V, "DC starter motor performance testing using labview", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2025-2031, ISSN No: 2348-2079, 2019.
2. K.Sathyasree,"Design and fabrication of magnet actuation technique to produce current", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2039-2047, ISSN No: 2348-2079, 2019.
3. Dr.G.Ramani, " Smart home environment monitor and control using node MCU", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2048-2052, ISSN No: 2348-2079, 2019.
4. Dr.G.Ramani, "Design analysis of transformer parameters using simulink", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2061-2065, ISSN No: 2348-2079, 2019.
5. K.Sathyasree," Harmonic reduction and power quality improvement by using UPQC", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2066-2070, ISSN No: 2348-2079, 2019.
6. V.Arunkumar," Modified single-phase single stage grid tied PV system with MPPT and suppressed leakage current", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2071-2077, ISSN No: 2348-2079, 2019.
7. V.Arunkumar," Smart solar powered pesticide sprayer", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2078-2081, ISSN No: 2348-2079, 2019.
8. Dr.G.Ramani, " Elegant live temperature, humidity, PH and moisture monitoring in agriculture system using IOT", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2082-2088, ISSN No: 2348-2079, 2019.
9. Dr.A.Satheesh, " An efficient approach of mechanical pump sealing filter system using PLC", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2089-2097, ISSN No: 2348-2079, 2019.
10. V.Arunkumar, "Smart communication system for human life safety system in industry", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2098-2101, ISSN No: 2348-2079, 2019.
11. Dr.G.Ramani, " Solar powered automatic irrigation system using moisture sensor ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2111-2116, ISSN No: 2348-2079, 2019.

12. S.Prabhakaran," Hand gesture recognition for wheelchair control using pic microcontroller", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2117-2122, ISSN No: 2348-2079, 2019.
13. R.Vijayalakshmi,"GPS and GSM based vehicle tracking system using arduino", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2123-2130, ISSN No: 2348-2079, 2019.
14. T.Jayakumar," Vehicle accident detection and alcohol detector system using arduino", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2131-2137, ISSN No: 2348-2079, 2019.
15. Dr.A.Satheesh, "Implementation of enhanced sit algorithm for embedded systems", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2138-2142, ISSN No: 2348-2079, 2019.
16. M.Prabu, " IOT based underground cable fault detector", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2143-2147, ISSN No: 2348-2079, 2019.
17. C.Pratheeba, "Smart meter reading monitoring system for home using power line communication", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2148-2151, ISSN No: 2348-2079, 2019.
18. S.Elango, "Energy management of PV and wind hybrid system", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2152-2155, ISSN No: 2348-2079, 2019.
19. M.Prabu, " Accident reporting and guidance system using GPS", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2156-2160, ISSN No: 2348-2079, 2019.
20. S.Elango, "Transformer less inverter for PV grid tied applications", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2161-2164, ISSN No: 2348-2079, 2019.
21. P.Krishna Gandhi, " Integrated renewable energy and smart grid system to improve voltage quality and harmonic distortion losses at electric vehicle charging stations", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2165-2167, ISSN No: 2348-2079, 2019.
22. Ravichandran.V, " Automation of solar adsorption refrigeration system", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2995-2998, ISSN No: 2348-2079, 2019.
23. P.Krishna Gandhi, " Vehicle to vehicle communication using LI-FI technology", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2168-2172, ISSN No: 2348-2079, 2019.

24. B.Ramraj, "Design and implementation of automated car parking system using RFID", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2177-2181, ISSN No: 2348-2079, 2019.
25. T.Jayakumar," Solar based trapper for pest control", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2999-3001, ISSN No: 2348-2079, 2019.
26. B.Ramraj, " IOT based energy meter", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2182-2186, ISSN No: 2348-2079, 2019.
27. C.Pratheeba, " Controlling boiler feed water flow by using quasi-z-Source indirect matrix converter fed Induction motor drive ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2187-2191, ISSN No: 2348-2079, 2019.
28. R.Vijayalakshmi," Smart dust bin based on IOT monitoring system", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2192-2201, ISSN No: 2348-2079, 2019.
29. B.Ramraj, " GSM based power theft monitoring and controlling system using ARDUINO", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No:7, Issue No: 2, PP: 2202-2209, ISSN No: 2348-2079, 2019.
30. Ramani.G and Dr.K.Geetha," A Novel Code Compression Approach For Embedded Risc Processor", Journal of Electrical Engineering, Vol.No:19, Issue No: 1,PP:128-131, ISSN No: 1582-4594,2019(Feb)
31. Dr.G. Ramani, P. Jamuna, P. Ramya, A. Megala," Implementation of Dictionary and Bitmask based Fixed and Variable Frequency Algorithm for at Mega Processor", Jour of Adv Research in Dynamical & Control Systems, Vol.No:11, Issue No: 2,PP:312-319, ISSN No: 1943-023X,2019(Jan)
32. "Ms.A.Kowsika, Ms.K.Menaga, Ms.D.Monisha, & Mr.B.Karthikprabu" Smart Solar Powered Pesticide Sprayer for Agriculture International Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.-07(01) 2019 [941-948].
33. "Mr.V.Mugunthan. Mr.S.Sridhar, Mr.B.Gokulakannan, & Mr.G.Praveen Santhoshkumar" PLC Based Automated Shrink Bundling Machine for Packing in Paper Industry Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.-07(01) 2019 [935-940].
34. "Mr.K.S. Hariprasath, Ms. G.Swaathe, & Mr.G. Praveen santhoshkumar" Automatic Weigh Bridge Monitoring Using Image Processing Technique In Labview Journal of Intellectual Advancements and Research in Engineering Computations, ISSN: 2348-2079, Vol.-07(01) 2019 [949-956].



35. “Mr.S.Deivaranjithkumar,Mr. G.Praveen,Mr. V.Thirumoorthy,& Mr.G.Praveensanthoshkumar” Modeling and Control of Chemical Process in Dying Industry using Solenoid flow control Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [935-940].
36. “Mr.A.Natarajan, Mr.V.Gokulakrishnan, Mr.P.Loguprasanth, & Mr.S.Sasikumar” Development of an automatic monitoring and control system for the objects on the conveyer belt. Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079 Vol.–07(01) 2019 [977-982].
37. “Ms.K.Kavimalar, Ms.M.Nivetha, & Mr.S.Sasikumar” Automation of Dye Preparation System in Paper Industry, Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [983-989].
38. “Mr.R.Gobinath, Mr.A.Raghul, Mr.J.Suriya Thomas, & Ms.P.Sapthika Parthi” IOT based fire department alerting system. Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [963-968].
39. “Mr.K. Kavin, Mr. B. Muthuvel, Mr. N. Pradeep, & Ms. P.Sapthika Parthi” Boiler Drum Level Control using Three Element Strategy. Journal of Intellectual Advancements and Research in Engineering Computations, Volume-7 Issue-1, ISSN:2348-2079, Vol.–07(01) 2019 [990-998].



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Details of Publications (2017-2018)**

1. Dr.A.Satheesh, P.Abinaya, A.J.Ajitha, N.Komaladevi, N.Nandhini “Speed Synchronisation of Multimotor Drive Via Profibus” International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp2099-2103, 2018.
2. V. Ravichandran, Aravinth S.A.S, Dinesh M, Midhun Johny , Mohanasundaram K.S," Automatic Broke Feeding System for the Finishing House Pulper in Paper Machine " International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2104-2107, 2018.
3. R.Vijayalaksmi, Bhuvaneshwaran S, Janarthanan K, Karthik S, Kumaresh R," Automatic Ream Handling System For As/Rs (Automatic Storage And Retrieval System) In Paper Machine 3", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2108-2117, 2018.
4. R.Vijayalakshmi, M.Sathishkumar, N.Shankaranand, T.Vijaykumar, M.Vigneshwaran," Industrial Powerload Scheduler Via Iot And Updater " International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2108- 2118, 2018.
5. Prabu.M, Deepika.L, Kaviya.S, Palkumarathi.S, Sindhu.P," Multilevel Inverter Topology for Renewable Energy Grid Integration ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2122-2126, 2018.
6. C.Pratheeba, K.Karthick, K.S.Rajesh Kumar, K.Rajkumar,S.Vivek , " Portable Solar Lighting System "International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2127-2133, 2018.
7. Elango S , Durgaganeshmoorthi P , Jeeva E , Jeeva N.R , Jeganprakash N." Smart IOT Technology For Machine Condition Monitoring “ "International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2134-2138, 2018.

8. P. Krishna Gandhi, M. Naveen, A. Praveen Kumar, K. Kings, Shine Ebison " Thermal Power Plant Status Monitoring Using Gprs " International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2139-2141, 2018.
9. S.Elango , Dhinesh E , Santhosh kumar K , Sethupathi S , Vivek S , " Digital Relay Protection of Generator Transformer in Thermal Power Station Using Microcontroller", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2142-2145, 2018.
10. K.Sathyasree Johnclinton.C, Manikandan.M, Manikandan.S, Mohanraj.R", Hybrid Power Management In Paper Mill", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2146-2148, 2018.
11. Menakambal.S Divakaran.K Haripraveen.N Jagatheesh.P Ka nthavel.S, " Effluent Treatment Plant ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2149-2152, 2018.
12. Ramraj.B, Pushpalatha.V, Rajalakshmi.N , Sobika.S , Swedha K.M " Line fault detection and load sharing using IOT ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2153-2158, 2018.
13. B.Ramraj , R.Ranjithkumar , D.Sharon, S.Thamaraikannan S.V.Tharani raja. " Smart Generator Monitoring And Control System In Industry Using Microcontroller And Gsm " International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2169-2173, 2018.
14. V. Arun Kumar , Gowtham S , Bragathishwaran P , Sathishkumar R , Sathrapathi R , " Power Quality Improvement Using Direct Converter For An AC Load ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2174-2178, 2018.
15. Ramani.G, Guna.G, Karthi.R , Karthik Raja.K , Kamesh.D " Grid Frequency based 210MW generator load control by using PIC Microcontroller ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6, Issue.No 2, pp 2186-2191, 2018.
16. B.Guga priya, Mr.S.Prabhakaran, " Raspberry Pi Gui Kernel Remote Authentication Multitasking & Embedded Web Control", International Journal of Intellectual

Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2192-2198, 2018.

17. J.Tryphena, Mrs.G.Ramani," Automatic Billing Trolley In Mega Mall ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2217-2224, 2018.
18. M.Prabu, V.Arunesh, N.Thirumoorthi, I.Yabesh,K.Yuvaraj," Design and implementation of RTC for Textile Automation", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2233-2237, 2018.
19. T.Jayakumar, Balaji.B.P, Sathishkumar .M Thamaraiselvan.C, " Automatic Irrigation System Based on Solar Power " International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2238-2244, 2018.
20. M. Priya Rani, C.Radhika P. Vallimayil, J. Vennila, Mrs.G.Ramani," Multiple Transformer Parameter Protection And Monitoring Using Microcontroller ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2245-2253, 2018
21. Sathyasree.k, M.Madhubalu, V.Muthumanivel, M.Rajamaideen, S.Rajkumar," Harmonics Compensation In Industry HT line With Voltage Source Inverter Using PSO", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2254-2257, 2018.
22. V. Arun kumar, K.Thirukumaran, M.Vinoth kumar, R.Srikanth, N.Ranga samy," Modified Single Phase Grid Tied Inverter With Mppt", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2258-2264, 2018.
23. S.Menakambal,Ashokkumar C, Pradeepraj K, Seenivasan V, Sudhakar V," Evaluation Of The Main Mppt Technique For Pv Applications", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2277-2280, 2018.
24. T.Jayakumar,Parameshwaran.P,V.Poovarasam,Thirumurugan," Industrial Temperature Monitoring On Web Cloud", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2281-2286, 2018.

25. Vivek M Nair, Dr.A.Satheesh," INTELLIGENT HYDROPONICS CARE USING Iothings", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2293-2298, 2018.
26. Ravichandran.V, Naveenkumar.K, Praveen.M, Ramesh.S, Suryaprakesh.R," Wireless Data Monitoring And Fault Analysis Using Zigbee And Gsm In Thermal Power Plant", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2299-2303, 2018.
27. Krishnagandhi.P, Gowtham V, Prem M, Sampath kumar S, Vijayakumar M, " Smart Condition Monitoring in an Industrial Automation - Wireless Performance Evaluation ", International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2312-2319, 2018.
28. Mr. S. Prabhakaran, P. Dinesh, S.Gowtham, R.S.N.Jagan, " Valve Leakage Control And Monitoring System" , International Journal of Intellectual Advancements and Research in Engineering Computations, Vol.No 6,Issue.No 2, pp 2320-2325, 2018.
29. P. Jamuna, S. Ramesh," Experimental Validation of Impedance Source Network Based Active Power Filter for Interconnection of PV System into Grid", Journal of Circuits, Systems and Computers, Vol.No 27,Issue.No 14, pp-1850215(22pages), 2018(April).
30. T.Jayakumar, Dr.S.Albert Alexander," A Novel Hybrid Algorithm Controlled Modified Sepic Converter for Photovoltaic Fed Seventeen Level Multilevel Inverter", Journal Electrical Engineering, Vol.No 18,Issue.No 2, pp-525-532, ISSN 1582-4594,2018.
31. "Karthikprabu.B, Ayswarya.M, Chitra.R, Sailendran.S.P" Three elements control of boiler drum using IOT International Journal of Intellectual Advancements and Research in Engineering Computations, ISSN:2348-2079, Vol.–06(02) 2018 [1369-1376].
32. "G.Praveen Santhoshkumar, S.A.Saran, G.Magudeshwaran, E.Vignesh, P.Sabareeswaran." IOT based on water pumping system for agriculture using pic microcontroller Journal of Intellectual Advancements and Research in Engineering Computations, ISSN:2348-2079, Comp., Vol.–06(02) 2018 [1363- 1368].
33. "Sasikumar.S, Gowtham.R, Parvathikrishnan.J, Haribalaji.s, Vigneshwaran.A" Instinctive foam cutting machine using PLC Journal of Intellectual Advancements and Research in Engineering Computations, ISSN:2348-2079, Vol. –06(02) 2018 [1377-1381].

34. "SapthikaParthi.P, Hemavigasini.T.R, Sarulatha.R" Automation of coal bunker using arduino controller, Journal of Intellectual Advancements and Research in Engineering Computations, ISSN:2348-2079, Vol.-06(02) 2018 [1382-1387].