

Dr . P.Latha

Name of Institution : Govt. College of Engineering - Tirunelveli – 7

Designation : Professor and HOD of EEE Department

Field of Specialization: Image processing and Soft Computing

Mail ID: platha@gcetly.ac.in

LIST OF PUBLICATIONS (LAST 5 YEARS)

| S. NO. | TITLE OF PAPER | NAME OF THE JOURNAL MONTH AND YEAR OF ACCEPTANCE | PUBLICATION DETAILS VOL. NO., PG. NO, MONTH, YEAR | ISSN/ ISBN NUMBER |
|--------|---|---|---|----------------------|
| 1 | A PSO Model For Disease Pattern Detection On Leaf Surfaces | Image Analysis Sterol /2015 | Vol: 34 Pg No:209-216 | ISSN 1580-3139 |
| 2 | Segmentation Of Lesion Portion From Plant Leaves Using Clustering Techniques | International Journal Of Engineering Research And Technology/2015 | Vol: 3, No.16 Pg No:714-719 | ISSN: 2278-0181 |
| 3 | Development Of Optimized Connection Admission Control Algorithm For IEEE 802.16 Networks | International Journal Of Applied Engineering Research /2015 | Vol: 10 Pg No: 374-379 | ISSN: 0973-4562 |
| 4 | Smartphone Enabled Intelligent Surveillance System | IEEE Sensors Journal/2016 | Vol 16, No.5, Pg No: 1361 - 1367 | ISSN: 1558-1748 |
| 5 | Efficient Detection Of Mobile Replica Node Using Sequential Analysis On Random Key Establishment | International Journal Of Advance Research/2015 | Vol:3, No:9, Pg no: 1-7 | ISSN 2320-9194 |
| 6 | Fuzzy Based STATCOM For Reactive Power Compensation In Grid Connected Wind Farm | Journal Of Electrical And Electronics Engineering/2015 | Vol:10, No: 5, Pg no: 68-73 | ISSN: 2278-1676 |
| 7 | An Effective Torque Ripple Reduction For Permanent Magnet Synchronous Motor Using Ant Colony Optimization | International Journal Of Fuzzy System/2015 | Vol: 17, No: 4, pp 577-584 | ISSN: 2199-3211 |
| 8 | Survey On Classification Techniques For Plant Leaf Disease Classification | International Journal Of Research And Scientific Innovation/ 2015 | Vol :2, No: 2, Page no: 15-18 | ISSN 2321 - 2705 |

| | | | | |
|----|--|--|--|-----------------|
| 9 | An Assessment On Detection Of Plant Leaf Diseases And Its Severity Using Image Segmentation | International Journal Of Computer Science And Information Technology Research/2015 | Vol: 3, No:1, Page No: 63-69 | ISSN 2348-1196 |
| 10 | Transformer Faults Based On Support Vector Machine Method | International Journal Of Applied Engineering Research / 2015 | Vol-10 No 92, Pg No: 37-42 | ISSN: 0973-9769 |
| 11 | An Automatic Clinical Decision Support System Intended For MRI Brain Images | International Journal On Bio-Medical Research/ 2016 | Vol: 27, No:2, Pg No: 499-503 | ISSN 0970-938X |
| 12 | Prioritized Mobile Node Deployment Of Enhance The Lifetime Of Wireless Sensor Network | International Journal On Wireless Personal Communication ACM Digital Library/2017 | Vol 96, Issue 3 , page no 3693-3711 | |
| 13 | Application Of Extreme Learning Machine In Fault Classification Of Power Transformer | Scientific Research Publishing Inc. | | |
| 14 | Application Of SVM And ELM Methods For Power Transformer Fault Classification | International Journal On Wireless Personal Communication 2015 | | |
| 15 | Maximizing The Wireless Sensor Networks Lifetime Through Energy Efficient Connected Converge | International Journal Elsevier 2017 | | |
| 16 | Fuzzy Trust Protocol For Malicious Node Detection In Wireless Sensor Networks | International Journal Wireless Personal Communications | Vol 94 issue 4 | |
| 17 | A GA_FFNN Algorithm Applied For Classification In Diseased Plant Leaf System | International Journal Multimedia Tools And Applications | Volume 77 issued 3 | |
| 18 | Soft Computing Based Effective Torque Ripple Reduction For Permanent Magnet Synchronous Motor | ISSN 24552666 | VOL 3 ISS 2 | |
| 19 | Energy Efficient Converge Using Artificial Bee Colony Optimization In Wireless Sensor Networks | Indian Journal Of Scientific & Industrial Research - | Vol 75 iss 1 pp 19-27 | |
| 20 | THD Reduction Of Permanent Magnet Synchronous Motor Using Genetic Algorithm | ISSN 2320 4387 Editor IJPPAS FEB 2017 | VOL 5 ISS 1 | |
| 21 | Enhanced Multi Attribute Trust Protocol For Malicious Node Detection In Wireless Sensor Networks | Indian Academy Of Science | Issue2 vol 42 | |