

List of Publications

2020-21

S.No.	Category	Number
1	SCIE Journals	6
2	Scopus Journals	17
3	Other International Journals	48
4	National Journals	0
5	International Conferences	7
6	National Conferences	1
7	Book Chapters	5

INTERNATIONAL JOURNALS:

A. SCIE Journals

1. RAGALEELA DALAPATI RAO, Sivanagaraju Sirigiri, “A novel particle movement bee colony algorithm with Dynaflow controller for line loadability enhancement”, Engineering Science and Technology, an International Journal, ISSN: 2215-0986, Volume 23, Issue 4, August 2020 PP: 840–850, <https://doi.org/10.1016/j.jestch.2019.11.007>, Impact Factor: 2.432 (**SCIE & Scopus Indexed**).
2. KANAGASABAI LENIN, “Real power loss reduction by Duponchelia fovealis optimization and enriched squirrel search optimization algorithms”, Soft Computing (METHODOLOGIES AND APPLICATION), Volume 24, Number 23, PP: 17863–17873, December 2020, <https://doi.org/10.1007/s00500-020-05036-x>, ISSN: 1433-7479, Impact Factor: 2.784. (**SCIE and Scopus Indexed**)
3. LENIN KANAGASABAI, “Solving optimal reactive power problem by Alaskan Moose Hunting, Larus Livens and Green Lorie Swarm Optimization Algorithms”, Ain Shams Engineering Journal, <https://doi.org/10.1016/j.asej.2020.03.019>, ISSN: 2090-4479, Volume 11, Issue 4, December 2020, Pages 1227-1235, Impact Factor: 3.091. (**SCIE and Scopus Indexed**)
4. Ananthan Nagarajan, Sivachandran P., Suganyadevi M.V., MUTHUKUMAR P. "A study of UPQC: emerging mitigation techniques for the impact of recent power

quality issues", Circuit World, January 2021, ISSN: 0305-6120, Vol. 47, No. 1, PP: 11-21, ISSN: 0305-6120, <https://doi.org/10.1108/CW-09-2019-0125> (**SCIE and Scopus Indexed**)

5. K. C. Deekshit Kompella, Naga Sreenivasu Rongala, Srinivasa Rao Rayapudi, VENU GOPALA RAO MANNAM, "Robustification of fault detection algorithm in a three-phase induction motor using MCSA for various single and multiple faults" IET Electric Power Applications, Volume15, Issue5, PP: 593-615, May 2021, DOI: 10.1049/elp2.12049, ISSN:1751-8679, Impact factor:2.834 (**SCIE Indexed**)
6. Kompella K. C. Deekshit, MANNAM V. GOPALA RAO & Rayapudi S. Rao, "Fault Indexing Parameter Based Fault Detection in Induction Motor via MCSA with Wiener Filtering", Electric Power Components and Systems, Volume 48, May 2021, Issue 19-20, PP: 2048-2062, ISSN: 1532-5008, DOI: 10.1080/15325008.2021.1910376 (**SCIE& Scopus Indexed**).

B. Scopus Journals

1. LENIN KANAGASABAI, "Solving optimal reactive power problem by Shark Reek, Amplified Locust Search and White Rhinoceros Algorithms", Australian Journal of Electrical and Electronics Engineering, 17:3, PP: 211-223, DOI: 10.1080/1448837X.2020.1817238, Sep 2020, ISSN 1448 – 837X. (**Scopus Indexed**).
2. KANAGASABAI LENIN, "Elephant herd optimisation algorithm for solving optimal reactive power problem", International Journal of Advanced Intelligence Paradigms, Volume 17, Issue 3-4, October 2020, PP: 379-391, ISSN: 1755-0386 (**Scopus Indexed**).
3. KANAGASABAI LENIN, "Active Power Loss Reduction by Novel Feral Cat Swarm Optimization Algorithm", Journal of Automation, Mobile Robotics and Intelligent Systems, Volume 14, N°2, October 2020, DOI: 10.14313/JAMRIS/2-2020/16, PP: 25-29, ISSN 1897-8649. (**Scopus Indexed**).
4. KANAGASABAI LENIN, "Real Power Loss Reduction and Voltage Stability Enhancement by Stock Exchange, Product Demand-Availability, Affluent and Penurious Algorithms", Journal of ICT Research and Applications, Vol. 14, No. 2, November 2020, PP: 165-184, ISSN: 2337-5787, DOI: 10.5614/itbj.ict.res.appl.2020.14.2.5 (**Scopus Indexed**).

5. B. Mabu Sarif, D. V. Ashok Kumar, M. VENU GOPALA RAO, “Disturbance rejection using IMC Tuned PID controller with improved filter”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 20, No. 3, December 2020, pp. 1261~1270, ISSN: 2502-4752, DOI: 10.11591/ijeecs.v20.i3. **(Scopus Indexed)**.
6. HEMALATHA JAVVAJI, Basavaraja Banakara, “An enhanced 17-level hybridized multilevel inverter with stair case modulation”, International Journal of Power Electronics and Drive System (IJPEDS) Vol. 11, No. 4, December 2020, pp. 1872~1882, ISSN: 2088-8694, DOI: 10.11591/ijpeds.v11.i4. **(Scopus Indexed)**.
7. N. Kalpana and M.VENU GOPALA RAO, “Impact of Crow Search Algorithm to Minimize Transmission System Power Losses” Journal of Green Engineering, Vol. 10, Issue 12, December 2020, PP: 12851–12864, ISSN: 1904-4720. **(Scopus Indexed)**.
8. RAGALEELA DALAPATI RAO, PADMANABHA RAJU CHINDA, Meduri Kiran, “Corona and Electric Field Distribution Analysis in 400 kV Line Insulators”, Advances in Technology Innovation, vol. 6, no. 1, January 2021, pp. 21-30, ISSN: 2518-2994. **(Scopus Indexed)**.
9. N. Kalpana and M.VENU GOPALA RAO, “A Generalized Technique to Assess the Optimum Location and Performance Analysis of UPFC using Swarm-Based Algorithms” Journal of Green Engineering, Vol. 11, Issue 1, January 2021, PP: 88–103, ISSN: 1904-4720. **(Scopus Indexed)**.
10. B. BADDU NAIK, CH. PADMANABHA RAJU and R. Srinivasa Rao, “A Novel approach of Congestion Management in Transmission Networks Using an Advanced Interline Power Flow Controller with Constriction Factor-Based Particle Swarm Optimization Algorithm”, Journal of Theoretical and Applied Information Technology, 31st March 2021, Vol.99. No 6, ISSN: 1992-8645, PP: 1280-1295. **(Scopus Indexed)**.
11. KUMAR CHERUKUPALLI, PADMANABHA RAJU CHINDA, Sujatha Peddakotla, “A hybrid SATS algorithm-based optimal power flow for security enhancement using SSSC” International Journal of Computer Aided Engineering and Technology (IJCAET), Vol. 14, No. 3, PP: 373-384, April 2021, ISSN : 1757-2657. **(Scopus Indexed)**.
12. P. MUTHUKUMAR; VENKATA RAMESH MADDUKURI; K. Eswaramoorthy; N. Veeramuthulingam; T. Jarin, “The Review and Investigation of Sustainable Thirteen

Level Multilevel Inverter Control Strategies”, World Review of Science, Technology and Sustainable Development, Inderscience April 2021 Vol.17 No.2/3, pp.153 – 171, DOI: 10.1504/WRSTSD.2021.114675 (**Scopus Indexed**).

13. PADMANABHA RAJU CHINDA, RAGALEELA DALAPATI RAO, “Power System Security Evaluation Using Composite Logic Criteria”, Journal of Theoretical and Applied Information Technology 31st May 2021. Vol.99. No 10, ISSN: 1992-8645, PP: 2434-2444 (**Scopus Indexed**).
14. MADHAVI GUDAVALLI, HARIKA VEMULAPALLI, KUMAR CHERUKUPALLI, Voltage Stability Analysis Using Continuation Power Flow Under Contingency, Journal of Theoretical and Applied Information Technology 31st May 2021. Vol.99. No 10, ISSN: 1992-8645, PP: 2373-2383 (**Scopus Indexed**).
15. LENIN KANAGASABAI, “Real Power Loss Reduction by Billfish and Red Mullet Optimization Algorithms”, Strategic Planning for Energy and the Environment, Vol. 39, Issue 1-4 May 2021, PP: 151-178, ISSN: 1546-0126 (**Scopus Indexed**).
16. LENIN KANAGASABAI, “Real power loss reduction by percheron optimization algorithm”. International Journal of Information Technology, Volume 13, Issue 3, PP: 1089–1093, June 2021, ISSN: 2511-2112. <https://doi.org/10.1007/s41870-021-00651-9> (**Scopus Indexed**).
17. K.LENIN, “Real Power Loss Reduction by Enhanced Trailblazer Optimization Algorithm”, Herald of the Bauman Moscow State Technical University, Series Natural Sciences, June 2021, No. 3 (96), DOI: 10.18698/1812-3368-2021-3-77-93, pp. 77-93, ISSN: 1812-3368. (**Scopus Indexed**)

C. Others

1. B.MOHAN, M.V.RAMESH, MELIMI RAVI KUMAR, T.SRINIVASARAO, P. MUTHUKUMAR, “Dual Axis Solar Tracking System with LDR”, International Journal of Emerging Trends in Engineering Research, Volume 8. No. 8, August 2020, PP: 4492 – 4495, ISSN 2347 – 3983, Impact Factor: 0.886, doi.org/10.30534/ijeter/2020/72882020.
2. KANAGASABAI LENIN, “ Solving optimal reactive power problem by enhanced fruit fly optimization algorithm and status of material algorithm ”, International Journal of Applied Power Engineering, Vol. 9, No. 2, August 2020, pp. 100~106, ISSN: 2252-8792

3. KANAGASABAI LENIN, "Polar wolf optimization algorithm for solving optimal reactive power problem", International Journal of Applied Power Engineering, Vol. 9, No. 2, August 2020, pp. 107~112 ISSN: 2252-8792
4. KANAGASABAI LENIN, "True power loss reduction by augmented mine blast algorithm", International Journal of Informatics and Communication Technology, Vol.9, No.2, August 2020, pp. 83~91 ISSN: 2252-8776
5. KANAGASABAI LENIN, "Real power loss diminution by predestination of particles wavering search algorithm ", International Journal of Informatics and Communication Technology, Vol.9, No.2, August 2020, pp. 92~99, ISSN: 2252-8776
6. KANAGASABAI LENIN, "Real power loss reduction by tundra wolf algorithm", International Journal of Informatics and Communication Technology, Vol.9, No.2, August 2020, pp. 100~104, ISSN: 2252-8776
7. K.LENIN, "Active Power Loss Reduction by Vortex Search Algorithm", Transactions on Engineering and Computer Science, Aug. 2020; 1(1):109.
8. K.BHAVANA, B.LALITHA , T. SRINIVASA RAO , Dr. M.V.RAMESH, "Goods Segregation Robot for Industry", International Journal of Emerging Trends in Engineering Research, Vol. 8, No. 9, September 2020, pp. 5828~5821, ISSN: 2347 – 3983
9. SRINIVASARAO THUMATI, K.BHAVANA, B.LALITHA, Sateesh Sukhavasi, P.MUTHUKUMAR, "Implementation of Automatic Speed Control System for E-Vehicle", International Journal of Emerging Trends in Engineering Research, Vol. 8, No. 9, September 2020, pp. 4941~4946, ISSN: 2347 – 3983.
10. K.LENIN, "Two bio-inspired algorithms for solving optimal reactive power problem" International Journal of Advances in Applied Sciences, Vol. 9, No. 3, September 2020, pp. 180~185 ISSN: 2252-8814.
11. K.LENIN, " Real power loss reduction by hyena optimizer algorithm " International Journal of Advances in Applied Sciences, Vol. 9, No. 3, September 2020, pp. 186~191, ISSN: 2252-8814.
12. K.LENIN, "Air cloud algorithm for diminution of active power loss" International Journal of Robotics and Automation, Vol.9, No.3, September 2020, pp. 190~195 ISSN: 2089-4856.

13. K.LENIN, “Real Power Loss Reduction by Amplified Water Cycle Algorithm”, *Journal of Applied Science, Engineering, Technology, and Education*, 2(1), 79-87, ISSN: 2685- 0591, 2020, <https://doi.org/10.35877/454RI.asci2166>.
14. K.LENIN, “Amplified Black Hole Algorithm for Real Power Loss Reduction”, *International Journal of Research in Industrial Engineering*, Vol. 9, No. 2 (2020) 130–142, ISSN; 1925-7813.
15. K.LENIN, “Real Power Loss Reduction by Acridoidea Stirred Artificial Bee Colony Algorithm”, *International Journal of Research in Industrial Engineering*, Vol. 9, No. 2 (2020) 183–189, ISSN; 1925-7813.
16. B.BADDU NAIK, PADMANABHA RAJU CHINDA and R.Srinivasa Rao, “Power Flow Control and Congestion Management in a Transmission Network using Advanced Interline Power Flow Controller”, *International Journal of Advanced Science and Technology*, Vol. 29, No.4, (2020), pp. 7718-7729, ISSN: 2005-4238.
17. Dr. KANAGASABAI LENIN, “Modified Cooperative Verdict Optimization Algorithm For Solving Optimal Reactive Power Problem”, *International Journal of Advanced Engineering and Science*, Vol. 9, No.2, October 2020, ISSN 2304-7712, PP: 20-28.
18. LENIN KANAGASABAI, “Active Power Loss Diminution by Greenland Wolf Optimization Algorithm”, *Journal of Applied Research on Industrial Engineering*, Vol. 7, No. 2, October 2020, PP: 154–162, ISSN: 2538-5100
19. Dr. KANAGASABAI LENIN, “Chaotic Algorithm for Solving Optimal Reactive Power Problem”, *INTERNATIONAL JOURNAL OF DARSHAN INSTITUTE ON ENGINEERING RESEARCH AND EMERGING TECHNOLOGIES* Vol. 9, No. 1, October 2020, ISSN 2320-7590, pp. 35-40, Impact factor: 6.24.
20. KANAGASABAI L, “Real Power Loss Reduction by Rock Dove Optimization and Fuligo Septica Optimization Algorithms”, *Journal of Engineering Sciences*, Vol. 7(2), pp. E1–E6, doi: 10.21272/jes.2020.7(2).e1, October, 2020, ISSN: 2312-2498.
21. V.HARIKA, G.MADHAVI, B.Sonia, “Optimal hourly scheduling of hydro thermal systems integrating with renewable energy systems using differential evolution”, *International Journal of Emerging Trends in Engineering Research*, Volume 8. No. 10, October 2020, ISSN 2347 – 3983, PP: 6689- 6692.

22. RAVI KUMAR M, B. MOHAN, Dr. M. V. RAMESH, Sowjanya Amarthaluri, "Arduino and Flex Sensor Based Hand Gesture to Speech Conversion", International Journal of Emerging Trends in Engineering Research, Volume 8. No. 10, October 2020, ISSN 2347 – 3983, PP: 7600-7608.
23. B.LALITHA , T.SRINIVASA RAO, K.BHAVANA, Dr. S.Sateesh, "Elegant Welfare of Women Using Internet Of Things", ", International Journal of Emerging Trends in Engineering Research, Volume 8. No. 10, October 2020, ISSN 2347 – 3983, PP: 7122-7126.
24. KANAGASABAI LENIN, "Global Neighbourhood Algorithm for Reduction of Actual Power Loss", Trends in Technical & Scientific Research, Volume 4, Issue 4, November 2020, DOI: 10.19080/TTSR.2020.04.555642, PP: 91-95, ISSN:2641-8355
25. LENIN KANAGASABAI, "Hybridization of Whale Optimization with Hill Climbing Technique for Solving Optimal Reactive Power problem", International Journal of Swarm Intelligence and Evolutionary Computation, Volume 9, Issue 7, No. 190, Pages: 1 - 6, November 2020, ISSN: 2090-4908, Journal Impact Factor 1.65.
26. M.SESHU, K.BHAVANA, A.Veera Reddy, M.Sunil Kumar, M.RAVI KUMAR, "Solar Based Multi-Purpose Agricultural Robot", Solid State Technology, Vol. 63 No. 5, November 2020, ISSN 0038-111X.
27. KANAGASABAI LENIN," Power loss reduction by gryllidae optimization algorithm", International Journal of Informatics and Communication Technology (IJ-ICT) Vol.9, No.3, December 2020, pp. 179~184 ISSN: 2252-8776, DOI: 10.11591/ijict.v9i3.
28. KANAGASABAI LENIN," Diminution of real power loss by novel gentoo penguin algorithm", International Journal of Informatics and Communication Technology (IJ-ICT) Vol.9, No.3, December 2020, pp. 150~156 ISSN: 2252-8776, DOI: 10.11591/ijict.v9i3
29. LENIN KANAGASABAI, "Real power loss reduction by arctic char algorithm", International Journal of Advances in Applied Sciences (IJAAS) Vol. 9, No. 4, December 2020, pp. 261~264 ISSN: 2252-8814, DOI: 10.11591/ijaas.v9.i4
30. LENIN KANAGASABAI, " Chaotic based Pteropus algorithm for solving optimal reactive power problem", International Journal of Advances in Applied Sciences

(IJAAS) Vol. 9, No. 4, December 2020, pp. 265~269 ISSN: 2252-8814, DOI: 10.11591/ijaas.v9.i4

31. KANAGASABAI LENIN, “Diminution of factual power loss by enhanced bacterial foraging optimization algorithm”, International Journal of Applied Power Engineering (IJAPE) Vol. 9, No. 3, December 2020, pp. 245~249 ISSN: 2252-8792, DOI: 10.11591/ijape.v9.i3.pp245-249
32. KANAGASABAI LENIN, “Power loss reduction by chaotic based predator-prey brain storm optimization algorithm”, International Journal of Applied Power Engineering (IJAPE) Vol. 9, No. 3, December 2020, pp. 218~222, ISSN: 2252-8792, DOI: 0.11591/ijape.v9.i3.
33. KANAGASABAI LENIN, “Hybridization of Genetic Particle Swarm Optimization Algorithm with Symbiotic Organisms Search Algorithm for Solving Optimal Reactive Power Dispatch Problem”, Journal of Applied Science, Engineering, Technology, and Education, Vol. 3, No. 1, January 2021, PP: 12–21, ISSN: 2685-0591 <https://doi.org/10.35877/454RI.asci31106>
34. M. DEVIKA RANI, V.SAI GEETHA LAKSHMI, “Implementation of PV fed ZVS high voltage gain interleaved converter”, International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150, Vol-06, Issue-10, JAN 2021, PP: 65-69, DOI: 10.35291/2454-9150.2021.0011.
35. V. SAI GEETHA LAKSHMI, M. DEVIKA RANI, “Sign to Speech Conversion for Dump People”, International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150 Vol-06, Issue-11, PP: 33-36, FEB. 2021
36. KANAGASABAI LENIN, “Amplified and quantum based brain storm optimization algorithms for real power loss reduction”, International Journal of Applied Power Engineering (IJAPE) Vol. 10, No. 1, March 2021, pp. 21~25, ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i1.
37. KANAGASABAI LENIN, “Solving optimal reactive power problem by hurricane search optimization algorithm”, International Journal of Applied Power Engineering (IJAPE) Vol. 10, No. 1, March 2021, pp. 26~29 ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i1.

38. T.NARASIMHA PRASAD, A. Lakshmi Devi, "Droop Control of Interlinking Converter for Load Sharing Among AC and DC Microgrids in Autonomous Operation" Journal of Computational and Theoretical Nanoscience, Volume 18, Number 3, March 2021, pp. 811-821, ISSN: 1546-1955.
39. KANAGASABAI LENIN, "Real Power Loss Reduction by Hybridization of Tree-Seed Algorithm with Sine-Cosine Algorithm", Journal of Electrical Power & Energy Systems, Vol. 5(1), March 2021, pp 8-23, ISSN: 2576-053X.
40. Dr. KANAGASABAI LENIN, "Enriched Lamprey Optimization Algorithm for Power Loss Diminution", International Journal of Mechatronics, Electrical and Computer Technology (IJMEC), ISSN: 2305-0543, Vol. 11, Issue 40, Apr. 2021, PP. 4925-4930.
41. VIJAYA ANAND N , HEMA LATHA J ,G Devadasu, KUMAR C, "Generation of Optimal Switching Angle for Nine Level Cascaded H Bridge MLI Using Most Valuable Player Algorithm", Turkish Journal of Computer and Mathematics Education, Vol.12 No.6, April 2021, PP:1919-1927, ISSN 1309-4653.
42. T.Baldwin Immanuel, P.Rathnavel, B. LALITHA, "Electric Propulsion by Combination of Photovoltaic System with Induction Motor Drive" Journal of Next of Generation Technology, Volume 1, Issue 1, June 2021, PP: 1-7.
43. B. BALA SAIBABU, M. HEMANTH SAI and B. BADDU NAIK, "A Novel Method to Detect Faults in Transmission Lines", International Journal of Research in Engineering and Science (IJRES) ISSN: 2320-9364, Volume 9, Issue 6, June 2021, PP. 66-73.
44. LENIN KANAGABASAI, "Factual power loss reduction by dynamic membrane evolutionary algorithm", International Journal of Advances in Applied Sciences (IJAAS), Vol. 10, No. 2, June 2021, pp. 99~106, ISSN: 2252-8814, DOI: 10.11591/ijaas.v10.i2.
45. LENIN KANAGABASAI, "Real power loss diminution by rain drop optimization algorithm", International Journal of Advances in Applied Sciences (IJAAS), Vol. 10, No. 2, June 2021, pp. 149~155, ISSN: 2252-8814, DOI: 10.11591/ijaas.v10.i2.

46. KANAGASABAI LENIN, “Factual power loss reduction by enriched black hole algorithm”, International Journal of Applied Power Engineering (IJAPE), Vol. 10, No. 2, June 2021, pp. 97~101, ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i2.
47. KANAGASABAI LENIN, “Factual power loss lessening by synthetic supportive exploration algorithm”, International Journal of Applied Power Engineering (IJAPE), Vol. 10, No. 2, June 2021, pp. 102~107, ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i2.
48. Dr. LENIN KANAGASABAI, “Real Power Loss Reduction by Hybridized Krill Herd with Frog Leaping and Augmented Firefly Algorithms”, International Journal of Advanced Engineering and Science, Vol. 10, No.1, June 2021, ISSN 2304-7712, PP: 1-12. <http://ijaes.elitehall.com/Vol%2010%20No%201%20-1.pdf>

INTERNATIONAL CONFERENCES:

A. Scopus conferences

1. Venkata Suresh Babu, MELIMI RAVI KUMAR, Venkatesh Boddapati, “Design and control of a DC microgrid by using a modern predictive controller”, Materials Today: Proceedings, Volume 45, Part 2, 2021, Pages 2207-2215, Available online 4 December 2020, ISSN: 2214-7853, DOI: 10.1016/j.matpr.2020.10.115. (**Scopus Indexed**).

B. Others

1. RAGALEELA DALAPATI RAO, PADMANABHA RAJU CHINDA, “Hourly Management of Energy In A Miniature Grid With Distributed Resources of Energy”, Proceedings of the 5th International Conference on Renewable Energy Utilization (ICREU-2020), December 16-18, 2020, PP: 69- 74, ISBN: 978-81-930396-9-4, Organized by Department of Electrical and Electronics Engineering Coimbatore Institute of Technology, Coimbatore, Tamilnadu, India Jointly with Oklahoma State University, USA
2. M.DEVIKA RANI, V.SAI GEETHA LAKSHMI, “Mitigation of Harmonics Using Active Power Filter For Power Quality Improvement”, 5th International Multidisciplinary Research conference (IMRC-2020) held on 26th December 2020 at Osmania University Campus, Hyderabad, ISBN: 978-81-948668-1-7, PP: 230- 234.

3. LENIN KANAGASABAI, “Edification Optimization Algorithm for Diminution of Active Power Loss” 6th Virtual International Conference on Science, Technology and Management in Energy- eNergetics 2020, December 14-15, 2020, ISBN: 978-86-80616-07-0, PP: 3-8
4. LENIN KANAGASABAI, “Real Power Loss Reduction by Culicinae Optimization Algorithm” 6th Virtual International Conference on Science, Technology and Management in Energy- eNergetics 2020, December 14-15, 2020, ISBN: 978-86-80616-07-0, PP: 261-266.
5. K.LENIN, presented a paper on “Bamboo Plant Intellect Deeds Optimization Algorithm for Solving Optimal Reactive Power Problem” Proceedings of the 7th International Conference on Advances in Energy Research (ICAER 2019) Springer Proceedings in Energy. Springer, Singapore. Jan. 2021, https://doi.org/10.1007/978-981-15-5955-6_62, ISBN978-981-15-5954-9, pp 665-672, https://doi.org/10.1007/978-981-15-5955-6_62, held at IIT Bombay, Mumbai between 10th – 12th December 2019.
6. M.DEVIKA RANI, Dr. P.S.Prakash, “Microgrid Power Quality Improvement Techniques-A Review”, International Conference on “Recent Trends in Energy System Engineering (RTESE 2021), PP: 20-26, Organized by Electrical Engineering, Annamalai University during 9th -10th January 2021.

NATIONAL CONFERENCES:

1. ANBARASAN, Bharath Raja.G, “Development of Voice Command Based Robotic Vehicle Control Using IOT”, at National Conference on Emerging Technologies (NCETES) in Energy Systems held at PVPSIT on 11th September 2020.

BOOK CHAPTERS:

A. Scopus Indexed

1. M.RAVIKUMAR, S.Satyanarayana, V.Ganesh, “Performance improvement of Solar PV Maximum Power Point Tracking using Sliding Mode Control Algorithm” Microelectronics, Electromagnetics and Telecommunications, Lecture notes in Electrical Engineering book series, Volume 655, PP: 403-410, 2021, P-ISBN: 978-981-15-3827-8, DOI: https://doi.org/10.1007/978-981-15-3828-5_42, Springer, Singapore (**Scopus Indexed**).

2. KANAGASABAI LENIN “Active Power Loss Diminution by Chaotic based Adaptive Butterfly Mating Optimization algorithm” *Advances in Communication and Computational Technology. Lecture Notes in Electrical Engineering*, PP: 163-169, 2021, Vol 668, P-ISBN: 978-981-15-5340-0, Springer, Singapore. DOI: https://doi.org/10.1007/978-981-15-5341-7_12. (**Scopus Indexed**).
3. KANAGASABAI LENIN “Levy Flight based white wolf algorithm for solving optimal reactive power problem” *Advances in Communication and Computational Technology. Lecture Notes in Electrical Engineering*, PP: 647-654, 2021, Vol. 668, P-ISBN: 978-981-15-5340-0, Springer, Singapore. DOI: https://doi.org/10.1007/978-981-15-5341-7_49 (**Scopus Indexed**).

B. Others

1. M.DEVIKA RANI AND V.SAI GEETHA LAKSHMI, “Simulation of Reference Frame Based Dstatcom for Power Quality Improvement”, *Recent Challenges In Science, Engineering And Technology*, Krishna Publishers, First Edition-2021, pp 68-76, ISBN 978-81-947388-5-5.
2. M.V.RAMESH, G.Vijay Kumar, “Solar Powered Autonomous Vehicle for Seed Sowing”, *New approaches in Engineering Research*, Vol.4, Issue 22, PP: 1-12, June 2021, ISBN: 978-93-91312-90-9, DOI: 10.9734/bpi/near/v4/9229D.