DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

List of Publications

2021-22

S.No.	Category	Number
1	SCIE Journals	10
2	Scopus Journals	28
3	Other International Journals	9
4	National Journals	0
5	International Conferences	11
6	National Conferences	0
7	Book Chapters	4

INTERNATIONAL JOURNALS:

A. SCIE Journals :

1. LENIN KANAGASABAI, "Reduction of power loss by Henry's law-based soluble gas, mobula alfredi and balanced condition optimization algorithms", COMPEL - The international journal for computation and mathematics in electrical and electronic engineering, Volume 40 Issue 3, August 2021, pp. 689-721, ISSN: 0332-1649. https://doi.org/10.1108/COMPEL-02-2021-0031. **(SCIE and Scopus Indexed).**

2. Budati, A.K., Snv, G., CHERUKUPALLI, K., P., A.K. and Moorthy T., V.K., "High speed data encryption technique with optimized memory based RSA algorithm for communications", Circuit World, Vol. 47 No. 3, pp. 269-273, August 2021, ISSN: 0305-6120, https://doi.org/10.1108/CW-10-2020-0282. **(SCIE and Scopus Indexed).**

3. M.V. RAMESH, G. Vijay Kumar, B. Suresh Babu, R. Boopathi, C.Sreekanth, P. MUTHUKUMAR, L. Padma Suresh, "Exploration or Multipurpose Electric Vehicle for Agriculture Using IOT", Tobacco Regulatory Science, Number 5(A), September 2021, pp. 3844-3852(9), ISSN 2333-9748 https://doi.org/10.18001/TRS.7.5.1.157. **(SCIE)**

4. LENIN KANAGASABAI, "Real Power Loss Reduction by Melon Fly Optimization and Spontaneous Process Algorithm's", Brazilian Archives of Biology and Technology, Vol.64: e21200493, PP: 1-16, https://doi.org/10.1590/1678-4324-2021200493, ISSN 1678-4324, October 2021. **(SCIE and Scopus Indexed).**

5. Kamalesh MS, Senthilnathan Nattuthurai, Bharatiraja Chokkalingam, Sabarimuthu Muthusamy, KUMAR CHERUKUPALLI, "Development of ripple reduced solar photovoltaic regulators using boomerang sliding mode control strategy", International Journal of Circuit Theory and Applications- Wiley Volume 49, Issue 9, September 2021, Pages 2979-3006, ISSN: 1097-007X. https://doi.org/10.1002/cta.3071. **(SCIE and Scopus Indexed)**.

6. LENIN KANAGASABAI, "Real power loss reduction by Enhanced Electromagnetic Field and Lightning Process Optimization algorithms", Energy Reports, Volume 7, November 2021, Pages 6615-6625, ISSN: 2352-4847 https://doi.org/10.1016/j.egyr.2021.09.168. **(SCIE and Scopus Indexed).**

7. LENIN KANAGASABAI, "Belleville Washer Search and enhanced Papilionoidea Optimization Algorithms for real power loss reduction", Soft Computing, Volume 26, issue 4, ISSN: 1433-7479, PP: 1873–1887, February 2022, https://doi.org/10.1007/s00500-021-06446-1 **(SCIE and Scopus Indexed).**

8. LENIN KANAGASABAI, "Opposition-based chaotic Henry's law-soluble gas, hybridization of chelonioidea with anthoathecata and vaporization of liquid optimization algorithms for power loss diminution", Soft Computing, Volume 26, issue 4, ISSN: 1433-7479, PP: 1563–1585, February 2022, https://doi.org/10.1007/s00500-021-06710-4 **(SCIE and Scopus Indexed).**

9. S. S. Nithin, L. K. Padma Suresh, S. H. Krishnaveni & P. MUTHUKUMAR, Developing novel video coding model using modified dual-tree wavelet-based multi-resolution technique", Multimedia Systems, Volume 28, issue 2, April 2022, pages: 643–657, ISSN: 1432-1882, DOI: https://doi.org/10.1007/s00530-021-00863-w **(SCIE)**.

10. KANAGASABAI LENIN, "Real power loss reduction by German shepherd dog, explore –save and line up search optimization algorithms", Ain Shams Engineering Journal, Volume 13, Issue 4, June 2022, 101688, PP: 1-14, https://doi.org/10.1016/j.asej.2021.101688, Impact factor: 3.180, ISSN: 2090-4479 **(SCIE and Scopus Indexed).**

B. Scopus Journals

1. K. LENIN, "A Novel Merchant Optimization Algorithm for Solving Optimal Reactive Power Problem", Journal of Automation, Mobile Robotics and Intelligent

Systems, Volume 15, N° 1, July 2021, PP: 51-56, ISSN: 1897-8649, DOI: 10.14313/JAMRIS/1-2021/7 **(Scopus Indexed)**.

2. HEMANTH SAI MADUPU, B.BADDU NAIK, B. BALA SAIBABU, "A Review on Impact of Internet of Things (IOT) for Modern Electric Power Systems", Journal of Theoretical and Applied Information Technology, 31st July 2021. Vol.99. No 14, ISSN: 1992-8645, PP: 3527-3528 **(Scopus Indexed)**.

3. T. NARASIMHA PRASAD and A. Lakshmi Devi, "Cost-Based Interlinking Converter Droop Control Strategy for Load Management with Improved Voltage Regulation in AC–DC Microgrid" Journal of Control, Automation and Electrical Systems, Volume 32, issue 4, August 2021, PP: 1071–1086, ISSN:2195-3880, https://doi.org/10.1007/s40313-021-00713-0 **(ESCI & Scopus Indexed)**

4. LENIN KANAGASABAI, "Real Power Loss Reduction by Extreme Learning Machine Based Leontodon Algorithm", Technology and Economics of Smart Grids and Sustainable Energy, volume 6, Article number: 16, September 2021, PP: 4-12, ISSN: 2199-4706. https://doi.org/10.1007/s40866-021-00110-1 **(ESCI and Scopus Indexed)**.

5. B. BALA SAI BABU, M. HEMANTH SAI and B. BADDU NAIK, "A Novel Detection of Islanding in Distribution Networks With Multiple Distributed Generations", Journal of Theoretical and Applied Information Technology, 15th September 2021. Vol.99. No 17, ISSN: 1992-8645, PP: 4399- 4406. **(Scopus Indexed)**.
http://www.jatit.org/volumes/Vol99No17/16Vol99No17.pdf

6. M.DEVIKA RANI, P.S.Prakash, M.VENU GOPALA RAO, "Power Quality Assessment In Grid Connected Mode Hybrid Microgrid With Various Loads", Journal of Theoretical and Applied Information Technology, 30th September 2021. Vol.99. No 18, ISSN: 1992-8645, PP: 4241- 4252. **(Scopus Indexed)**.
http://www.jatit.org/volumes/Vol99No18/6Vol99No18.pdf

7. LENIN KANAGASABAI, "Real Power Loss Reduction by Blue Noddy and European Night Crawler Optimization Algorithms", Informatica: An International Journal of Computing and Informatics, Vol. 45, No.6, October 2021, ISSN: 0350-5596, PP: 37–44. **(ESCI & Scopus Indexed)**
https://www.informatica.si/index.php/informatica/article/view/3405/1589

8. PADMANABHA RAJU CHINDA, RAGALEELA DALAPATI RAO, "Artificial Intelligence Application to Maximize Social Welfare in the Electricity Market by

Installing SSSC", Journal of Theoretical and Applied Information Technology, 15th October 2021, Vol.99. No 19, PP: 4511 – 4523, ISSN 1992-8645. **(Scopus Indexed)**.

9. RAGALEELA DALAPATI RAO, PADMANABHA RAJU CHINDA, "Steady State Analysis of Dynaflow Controller", Journal of Theoretical and Applied Information Technology, 15th October 2021, Vol.99. No 19, PP: 4524 – 4535, ISSN 1992-8645. **(Scopus Indexed)**.

10. LENIN KANAGASABAI, "Real Power Loss Reduction by Cinnamon ibon Search Optimization Algorithm", Strategic Planning for Energy and the Environment, PP: 55-74, Vol. 40, Issue 1, October 2021, ISSN: 1546-0126, DOI: https://doi.org/10.13052/spee1048-5236.4014. **(Scopus Indexed)**.

11. LENIN KANAGASABAI, "Real Power Loss Reduction by Rieppeleon Brevicaudatus Optimization Algorithm", Journal of Engineering Science and Technology Review, Vol. 14, No. 4, October 2021, PP: 69 – 75, ISSN: 1791-2377, doi:10.25103/jestr.144.09. **(Scopus Indexed)**.

12. LENIN K, "Solving Optimal Reactive Power Dispatch Problem by Population Distinction and Pandemic Virus Algorithms", Herald of the Bauman Moscow State Technical University. Series Natural Sciences, November 2021, PP: 33-48, Volume 98, No.5, DOI: 10.18698/1812-3368-2021-5-33-48, ISSN: 1812-3368. **(Scopus Indexed)**

13. S. V. D. Anil Kumar, M. SESHU and N. Vamsi Krishna, "A Reduced Rating of Isolated-VSIS DSTATCOM For PQ Enhancement Using MRE-PWM Technique", ARPN Journal of Engineering and Applied Sciences, Vol. 16, No. 21, November 2021, ISSN 1819-6608, PP: 2191-2203 **(Scopus Indexed).** http://www.arpnjournals.org/jeas/research_papers/rp_2021/jeas_1121_8731.pdf

14. LENIN KANAGASABAI, "Real power loss reduction by enhanced Apple Maggot optimization algorithm", International Journal of System Assurance Engineering and Management, volume 12, pages: 1385–1396, December 2021, ISSN: 0976-4348 https://doi.org/10.1007/s13198-021-01321-6. **(ESCI & Scopus Indexed).**

15. BALA SAIBABU BOMMIDI, HEMANTH SAI MADUPU AND BADDU NAIK BHUKYA, "Intelligent Home Energy Management System Using LabVIEW - myRIO", ICIC Express Letters, Part B: Applications, Volume 12, Issue 12, December 2021, PP: 1193-1200, ISSN 2185-2766, DOI: 10.24507/icicelb.12.12.1193 **(Scopus Indexed)**.

16. KUMAR CHERUKUPALLI and VIJAYA ANAND N, "Optimal Sizing and Location of Distributed Generatorsfor Power Flow Analysis in Smart Grid Using IAS-MVPA Strategy", International Journal of Computational Intelligence and Applications, Vol. 20, No. 4, December 2021, PP: 2150027 (24 pages), ISSN (print): 1469-0268, https://doi.org/10.1142/S1469026821500279 **(Scopus Indexed).**

17. P. Rajesh, Francis H. Shajin & N. VIJAYA ANAND, "An Efficient Estimation Model for Induction Motor Using BMO-RBFNN Technique", Process Integration and Optimization for Sustainability, Volume 5, issue 4, December 2021, PP: 777 – 792, 9th Asian Symposium on Process Systems Engineering (PSE Asia 2020), ISSN: 2509-4238. https://doi.org/10.1007/s41660-021-00177-4 **(Scopus Indexed &ESCI)**

18. LENIN KANAGASABAI, "Tangible power loss lessening by hybridized beautiful demoiselle-enriched particle swarm and pyramid optimization algorithms", International Journal of System Assurance Engineering and Management, Volume 13, Issue 1, ISSN: 0976-4348, PP: 450–468, February 2022, https://doi.org/10.1007/s13198-021-01295-5 **(ESCI & Scopus Indexed).**

19. LENIN KANAGASABAI, "Real power loss reduction by North American sapsucker algorithm", International Journal of System Assurance Engineering and Management, Volume 13, Issue 1, ISSN: 0976-4348, PP: 143–153, February 2022, https://doi.org/10.1007/s13198-021-01155-2 **(ESCI & Scopus Indexed).**

20. V. SAI GEETHA LAKSHMI, Dr. M.Vanitha Sri, Dr. M. VENU GOPALA RAO, "A Generalized System with Losses Look Ahead Economic Dispatch is Investigated by Bio Inspired Algorithms", Journal of Theoretical and Applied Information Technology, 15th March 2022. Vol.100. No 5, PP: 1206-1212, ISSN 1992-8645. **(Scopus Indexed)**.
    http://www.jatit.org/volumes/Vol100No5/1Vol100No5.pdf

21. BADDU NAIK BHUKYA , PADMANABHA RAJU CHINDA , Srinivasa Rao Rayapudi, "A Novel Approach for Congestion Management in Transmission System with Advanced Control Using Innovative Algorithm", International Journal on Electrical Engineering and Informatics - Volume 14, Number 1, PP: 29 – 54, March 2022, ISSN 2085-6830. DOI: 10.15676/ijeei.2022.14.1.3 **(Scopus Indexed).**

22. LENIN KANAGASABAI, "Improved Ephemeral Search and Nepenthes Algorithms for diminution of true power loss", Herald of the Bauman Moscow State Technical University, Series Natural Sciences, March 2022, No. 1 (100), pp. 39-56, ISSN: 1812-3368, DOI: https://doi.org/10.18698/1812-3368-2022-1-39-56 **(Scopus Indexed).**

23. PADMANABHA RAJU CHINDA, RAGALEELA DALAPATI RAO, "A binary particle swarm optimization approach for power system security enhancement", International Journal of Electrical and Computer Engineering (IJECE), Vol. 12, No. 2, April 2022, pp. 1929~1936, ISSN: 2088-8708, DOI: 10.11591/ijece.v12i2.pp1929-1936. **(Scopus Indexed)**.

24. B. MOHAN, C.D. Varaprasad, T. NARASIMHA PRASAD, "Enhancement Of Voltage Regulation and Load Sharing In DC Microgrid Using PSO and Fuzzy Logic", Journal of Theoretical and Applied Information Technology, 30th April 2022. Vol.100. No 8, PP: 2604-2616, ISSN 1992-8645. **(Scopus Indexed)**.

http://www.jatit.org/volumes/Vol100No8/26Vol100No8.pdf

25. HEMALATHA JAVVAJI, Basavaraja Banakara, "PV Fed Modified Multilevel Inverter with Reduced Number of Switch Count", Journal of Theoretical and Applied Information Technology, 30th April 2022. Vol.100. No 8, PP: 2676-2686, ISSN 1992-8645. **(Scopus Indexed)**.

http://www.jatit.org/volumes/Vol100No8/31Vol100No8.pdf

26. LENIN KANAGASABAI, "Real power loss reduction by monitor lizard optimization algorithm based on class room learning", Energy Systems, Volume 13, issue 2, PP: 335–354, May 2022, ISSN: 1868-3967, https://doi.org/10.1007/s12667-021-00481-5. **(Scopus Indexed)**.

27. M.V. RAMESH, RAVI KUMAR MELIMI, T.SRINIVASA RAO, P.MUTHU KUMAR, "Implementation of PMBLDC Motor Driven Electric Vehicle Powered By Solar", Journal of Theoretical and Applied Information Technology, 31st May 2022, Vol. 100. No. 10, PP: 3270-3277, ISSN: 1992-8645. **(Scopus Indexed)**.

http://www.jatit.org/volumes/Vol100No10/10Vol100No10.pdf

28. GUDAVALLI MADHAVI, VEMULAPALLI HARIKA, Imran Abdul, Mohammed Azaharahmed, "Diversified Soft Computing Techniques Solution For Economic Load Dispatch Problem", Journal of Theoretical and Applied Information Technology, 31st May 2022, Vol. 100. No. 10, PP: 3288-3298, ISSN: 1992-8645. **(Scopus Indexed)**.

http://www.jatit.org/volumes/Vol100No10/12Vol100No10.pdf

C. Others

1. KANAGASABAI LENIN "Factual Power Loss Diminution by Enhanced Frog Leaping Algorithm", Journal of Applied Science, Engineering, Technology, and

Education, Vol. 3 No. 2, July 2021, PP: 114-118, ISSN: 2685-0591, https://doi.org/10.35877/454RI.asci112

2. KANAGASABAI LENIN "Solving Optimal Reactive Power Dispatch Problem by Chaotic Based Brain Storm Optimization Algorithm", Journal of Applied Science, Engineering, Technology, and Education, Vol. 3 No. 2, July 2021, PP: 145-150, ISSN: 2685-0591, https://doi.org/10.35877/454RI.asci113

3. KANAGASABAI L., "Heat Transfer and Simulated Coronary Circulation System Optimization Algorithms for Real Power Loss Reduction", Journal of Engineering Sciences, July 2021, Vol. 8(1), pp. E1–E8, ISSN: 2312-2498, doi: 10.21272/jes.2021.8(1).e1

4. KANAGASABAI L., "FCC Algorithm for Power Loss Diminution", Journal of Engineering Sciences, July 2021, Vol. 8(1), pp. E29–E38, ISSN: 2312-2498, doi: 10.21272/jes.2021.8(1).e5

5. L V Suresh Kumar, Bankuru Sonia, MELIMI RAVI KUMAR, "Harmonic and Fault Analysis of Five Level MMC STATCOM With POD and PD Schemes", Design Engineering, PP: 5481- 5496, , ISSN: 0011-9342, Issue 07, August 2021

6. LENIN KANAGASABAI, "Opposition based red wolf algorithm for solving optimal reactive power problem", International Journal of Advances in Applied Sciences (IJAAS), Vol. 10, No. 3, September 2021, pp. 193~197, ISSN: 2252-8814, DOI: 10.11591/ijaas.v10.i3.

7. LENIN KANAGASABAI, "True power loss reduction by mountain zebra, augmented bat and improved kidney search algorithms", International Journal of Advances in Applied Sciences (IJAAS), Vol. 10, No. 3, September 2021, pp. 205~211, ISSN: 2252-8814, DOI: 10.11591/ijaas.v10.i3.

8. V. SAI GEETHA LAKSHMI, M. DEVIKA RANI, "Improved Version Of Smart Helmet To Eschew Road Accidents", Journal of Next Generation Technology, ISSN: 2583-021X, Vol. 1, Issue 2, PP: 34-39, November 2021.

9. Dr. KANAGASABAI LENIN, "Power Loss Diminution by Enhanced Monarch Butterfly Optimization Algorithm" International Journal of Advanced Engineering and Science, Vol. 10, No.2, December 2021, ISSN 2304-7712, PP: 1-10.

INTERNATIONAL CONFERENCES:

A. Scopus conferences :

1. M. S. Kamalesh, N. Senthilnathan, C. Bharatiraja, C. KUMAR and L. Deepika, "Analysis of Ripples in SEPIC based Buck-Boost Converter for Low Power Applications," IEEE Madras Section International Conference (MASCON 2021), pp. 1-7, doi: 10.1109/MASCON51689.2021.9563360, held at Le Royal Meridien, Chennai during 27-28, August 2021. **(Scopus Indexed)**.

2. Amit Singh Tandon, Naveen Yalla, AVJS Praneeth, Piyush Kumar, VIJAY ANAND, "Design of GaN based 72V,3.3KW LLC Resonant Converter for on-board EV Charger", 2021 IEEE Madras Section International Conference (MASCON), 27th - 28th August 2021, DOI: 10.1109/MASCON51689.2021.9563401, PP: 1-6. **(Scopus Indexed)**.

3. Rajesh Babu Nuthulapati, M. VENUGOPALA RAO, and R Srinivasa Rao, "Analysis of APF for compensation of harmonics using IRP and SRF control", , AIP Conference Proceedings, Volume 2408, Issue 1, PP: 020018, October 2021; Proceedings of the 2021 3rd International Conference On Sustainable Manufacturing, Materials And Technologies: ICSMMT during 11–12 June 2021, Coimbatore, India, ISBN: 978-0-7354-4149-1. https://doi.org/10.1063/5.0072697 **(Scopus Indexed)**.

4. BHAVANA KADIYALA, P. MUTHUKUMAR and R. Bensraj, "Performance Analysis of Fixed and Variable Frequency Multi Shape Carrier-Seven Level Multilevel Inverter," in the 3rd IEEE International Conference on 2021 Innovations in Power and Advanced Computing Technologies (i-PACT), 2021, pp. 1-8, February 2022, doi: 10.1109/i-PACT52855.2021.9696891, ISBN: 978-1-6654-2691-6, jointly organized by Faculty of Engineering, Universiti Malasia, Kuala Lumpur, Malaysia & School of Electrical Engineering, Vellore Institute of Technology, Vellore, India during 27-29, November 2021. **(Scopus Indexed)**.

5. Veeramuthulingam Nagarajan, MUTHUKUMAR PARAMASIVAN, Rajan. V.R, BHAVANA KADIAYALA, "Simulation and Experimental Analysis of Single Phase Inverter using Cuckoo Search algorithm," in the 3rd IEEE International Conference on 2021 Innovations in Power and Advanced Computing Technologies (i-PACT), 2021, pp. 1-6, doi: 10.1109/i-PACT52855.2021.9696637, ISBN: 978-1-6654-2691-6, February 2022, jointly organized by Faculty of Engineering, Universiti Malasia,

Kuala Lumpur, Malaysia & School of Electrical Engineering, Vellore Institute of Technology, Vellore, India during 27-29, November 2021. **(Scopus Indexed)**.

6. N. Kalpana and VENU GOPALA RAO. M, "A Standardized Approach for Evaluating UPFC's Optimal Location Using Metaheuristic Algorithms to Improve Power Quality," IEEE 2022 International Conference on Electronics and Renewable Systems (ICEARS), April 2022, pp. 104-110, during 16-18 March 2022, Tuticorin, India, doi: 10.1109/ICEARS53579.2022.9752196. **(Scopus Indexed)**.

7. VEMULAPALLI HARIKA, GUDAVALLI MADHAVI, Imran Abdul, Mohammed Azaharahmed, "Prototype for Automatic Fire Detection and Extinguishing Robot", April, 2022 ECS - The Electrochemical Society, ECS Transactions, Volume 107, Number 1, PP: 11673, ISSN: 1938-5862, April 2022, First International Conference on Technologies for Smart Green Connected Society ICTSGS-1, during 29th and 30th November 2021. **(Scopus Indexed)**. https://iopscience.iop.org/article/10.1149/10701.11673ecst/pdf

B. Others

1. HEMALATHA JAVVAJI, Basavaraja Banakara, "A New Topology of Multilevel Inverter Fed From Photovoltaic System" 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021), PP: 198, organized by GM Institute of Technology, Davangare, Karnataka, India held on 15th & 16th July 2021.

2. M.DEVIKA RANI, G.Bhavani, K.Kartheek, A.Sindhura, D.Nikhila, "Solar Powered Density and Emergency based Traffic Control System Using NI Lab View" at the virtual International Conference on Smart grid and Green Energy Systems (SGGES-21) organized by Vellore Institute of Technology (Vellore), SEE Kyungpook National University (South Korea), and Naresuan University (Thailand) on 30th & 31st July 2021.

3. M.DEVIKA RANI, V.SAI GEETHA LAKSHMI, "Power Quality Enhancement in Windfarms using SVC", 2nd International Conference on Emerging Trends in Materials, Computing and Communication Technologies (ICETMCCT-2021) held on 9th and 10th December 2021, PP: 771-780, ISSN: 2395-1990, Organised by Annai Vailankanni College of Engineering, Tamil Nadu, India. Also received Best Paper award.

4. SAI GEETHA LAKSHMI VALLURU, DEVIKA RANI MTHUKURI, Dr.P.MUTHUKUMAR, "An Inproved version of Analyzing Detailed Model of Type-4 Wind Turbine Generator using PSCAD/EMTDC", IEEE- Sponsored 3rd International Virtual Conference on Power Engineering Computing and Control PECCON' 22 organized by school of Electrical Engineering, Vellore Institute of Technology, Chennai in association with Deakin University, Australia during 5th - 6th May 2022.

BOOK CHAPTERS:

A. **Scopus Indexed: Nil**

B. **Others**

1. M.DEVIKA RANI AND V.SAI GEETHA LAKSHMI, "Simulation of Controlled Unified Power-Flow Controller Fed Induction Drive", EMPIRICAL ASPECTS OF ADVANCEMENTS IN SCIENCE ENGINEERING AND TECHNOLOGIES, Krishna Publishers, First Edition-Nov. 2021, pp 79-86, ISBN 978-93-90627-47-9

2. V.SAI GEETHA LAKSHMI AND M.DEVIKA RANI, "Improved Version of Load Sharing with Grid by Renewable Energy Sources", EMPIRICAL ASPECTS OF ADVANCEMENTS IN SCIENCE ENGINEERING AND TECHNOLOGIES, Krishna Publishers, First Edition-Nov. 2021, pp 20-29, ISBN 978-93-90627-47-9.

3. N.VIJAYA ANAND, G.Chandra Mouli, "Forecast of Covid Cases Using Deep Learning Algorithm", In: Mathur, G., Bundele, M., Lalwani, M., Paprzycki, M. (eds) Proceedings of 2nd International Conference on Artificial Intelligence: Advances and Applications. Algorithms for Intelligent Systems. Springer, Singapore, 163 Accesses pp 37–46, February 2022, ISBN: 978-981-16-6331-4, https://doi.org/10.1007/978-981-16-6332-1_5, (ICAIAA 2021), during March 27-28, 2021, organized by Poornima college of Engineering, Jaipur and Rajasthan Technical University Kota in association with Soft Computing Research society

4. HEMALATHA JAVVAJI, Basavaraja Banakara, "Closed Loop Control of Cascaded H-Bridge Multilevel Inverter using Fractional Order – PID Controller", In: Pandian, A.P., Palanisamy, R., Narayanan, M., Senjyu, T. (eds) Proceedings of Third International Conference on Intelligent Computing, Information and Control Systems. Advances in Intelligent Systems and Computing, vol 1415, pp 645–658, March 2022 Springer, Singapore, ISBN: 978-981-16-7329-0. https://doi.org/10.1007/978-981-16-

7330-6_49 (ICICCS 2021), organized by CARE College of Engineering, Trichy, India on 02-03 July, 2021.