P.V.P SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS), KANURU

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

2019-20

Published Books:

1. P.MUTHU KUMAR, G.Gnanavel, K.Eswaramoorthy, "**Digital System Design Using VHDL**", ESN Publications, Virdhunagar, Tamilnadu, 2020, ISBN: 978-81-945156-3-0.

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1. ANBARASAN.A, Kumar.C, "Effect of Distributed Generation And STATCOM In Multi-Machine System For Real Power Minimization" International Journal of Scientific & Technology Research, Volume 8, Issue 07, ISSN: 2277-8616, PP: 579-582, July 2019, Impact Factor: 7.466 **(Scopus Indexed)**.

2. Sreeja P, L.Padmasuresh, P.MUTHUKUMAR," Fpga Based Random Pulse Width Modulation for Three Phase VSI", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-2S6, July 2019, pp. 581-589. **(Scopus Indexed)**

3. M.Suman, M.VENU GOPALA RAO, P.V.Ramana Rao, "ANN Based SVC FACTS Controller to Enhance Voltage Stability of Multi-Machine Power System", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, PP: 381- 387, August 2019, Impact Factor: 5.54 **(Scopus Indexed)**.

4. K.LENIN, "Tailored flower pollination (TFP) algorithm for diminution of real power loss", International Journal of Informatics and Communication Technology (IJ-ICT) Vol.8, No.2, August 2019, pp. 94~101 ISSN: 2252-8776, DOI: 10.11591/ijict.v8i2. PP: 94-101

5. K.LENIN, "Contest of strength game-based algorithm for decline of active power loss", International Journal of Computational Systems Engineering, 2019, Vol.5, No.4, PP:211 – 217, ISSN: 2046-3405**,** 10.1504/IJCSYSE.2019.101709

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11. R. SWATHI, Alluri Srinivas, "An Improved Image Registration Method Using E-SIFT Feature Descriptor with Hybrid Optimization Algorithm", Journal of the Indian Society of Remote Sensing, November 2019, https://doi.org/10.1007/s12524-019-01063-w, Springer India, ISSN: 0255-660X, PP: 1-12, Impact Factor:0.869 **(SCIE & Scopus Indexed)**.

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16. LENIN KANAGASABAI, "Diminution of real power loss by novel Galapagos Penguin Algorithm", Heliyon, 5, e03001, December 2019, PP: 1-5, ISSN: 2405-8440, https://doi.org/10.1016/j.heliyon.2019.e03001. **(Scopus Indexed)**.

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2. V.SAI GEETHA LAKSHMI, M.DEVIKA RANI presented a paper on "Improved version of controlling Solar system with battery for AC load using PSCAD/EMTDC" in the International Conference on Advances in Renewable Energy technologies held at VRSEC during 23rd -24th October 2019.
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