

List of Faculty Publications from EEE Department for the Academic year 2020-2021:

International Journals:

- [1]. Dr Pappula Sampath Kumar, "An Improved Lyapunov Function Based Control Strategy For Multitasking Distributed PV Inverter" Institute Of Engineers Springer Scopus Journal, ISSN: 2250-2114, vol.102, issue. 1, pp.11-18, on:21-10-2020.
- [2]. Dr Pappula Sampath Kumar, "Understanding Key Business Processes Outsourcing Transition", International Journal of Engineering Research & Technology (IJERT), Issn: 2278-0181, vol.8, issue 16, pp. 6-11, on:01-08-2020.
- [3]. Dr Pappula Sampath Kumar, Muppoori Nagendra, Mr.M.Suresh Babu, "Automatic Generation Control Of Two Area Power System With Hybrid Control Technique", International Journal of Engineering Research & Technology (IJERT) , Issn: 2278-0181, vol.8, issue 16, on:01-08-2020.
- [4]. Dr. Adusumilli Bala Surendra. "Capacitor Placement And Sizing To Minimize Losses In A Radial Distribution Network Considering Uncertainty Using Modified Affine Arithmetic Division Sustainable Energy Grids And Networks" – Elsevier, ISSN:2352-4677, vol.27, pp.1-11, on: 01-05-2021.
- [5]. Dr.K.Ramesh "Ann Based Hybrid Renewable Energy Generation System", International Journal of Engineering Research & Technology (IJERT), Issn: 2278-0181, vol.8, issue 16, pp.31-38, on:01-08-2020.
- [6]. Dr.K.Ramesh "Modeling And Simulation Of DFIG Against Disturbance Condition", International Journal of Engineering Research & Technology (IJERT), , Issn: 2278-0181, vol.8, issue 16, pp.11-18, on: 01-08-2020.
- [7]. Dr.N.Karthik "Simulation And Experimental Implementation Of Single Phase Active Power Filters For Improving Power Quality", Journal Of Electrical Engineering ISSN:1582-4594, vol.8, issue 16, pp.135-138, on:01-12-2020.
- [8]. Dr.N.Karthik, M Pavani "Fuzzy Logic Based Power Quality Improvement And Pv Power Injection By Dstatcom With Variable Dc Link Voltage Control" From Rsc-Mlc International Journal of Engineering Research & Technology (IJERT), ISSN:1582-4594, vol.8, issue 16, pp.145-151, on: 01-10-2020.
- [9]. J.Pardha Saradhi "Wavelet Based Harmonic Analysis Of Wind Connected System For Power Quality Improvement Using Statcom", International Journal Of Engineering Research & Technology (IJERT), ISSN:1582-4594, vol.8, issue 16, pp.175-181, on: 01-10-2020.
- [10]. J.Pardha Saradhi "Wavelet Based Multiresolution Analysis Of A 5-Bus System In The Presence Svc Controller Under Fault And Sudden Load Conditions", Elsevier Materials Today:Proceedings ISSN:2214-7853, pp. 1-7, on:01-12-2020.
- [11]. Anilkumar Gurrapusala, Goli Ravi Kumar , B.Vijaya Krishna "Performance Analysis Of 72-Pulse Gto-Based Generalized Unified Power Flow Controller Under Power Quality Problems", International Journal Of Engineering Research & Technology (IJERT), Issn: 2278-0181, vol.8, issue 16, pp.166-172, on.01-10-2020.
- [12]. Sai Goutham Golive, Ravindra Janga "Optimal Location Of Ev Charging Stations In The Distribution System Considering Pso Optimal Techniques", Journal of Hunan University Natural Sciences, ISSN:1674-2974, vol.48, issue.6, on 01-06-2021.
- [13]. Karra Pranathi, Mr Rajesh Garikapati, G Ravi Kumar "Wavelet Based Fault Analysis On Multi-Terminal System In Presence Of With And Without Islanding Connected System", International Journal Of Engineering Research & Technology (IJERT) Issn: 2278-0181, vol.8, issue 16, pp.22-28, on.01-10-2020.

- [14]. Karimulla Poliseti, Ch Hariprasad "Impact On Radial Distribution System By Integrating Wind Power With Zip Load Considering Load Growth", International Journal Of Engineering Research & Technology (IJERT) Issn: 2278-0181, vol.8, issue 16, pp.205-211, on.01-10-2020.
- [15]. Dr.Satya Dinesh Madasu "Sensitive Analysis Of A Two Area Inter Connected Power System By Using Optimization Technique", Aicte Sponsored E-Conference On Systems Modelling And System Dynamics (Ncsmsd -2020), International Journal Of Engineering Research & Technology (IJERT) Issn: 2278-0181, vol.8, issue 16, pp.16-18, on.01-10-2020.
- [16]. Dr.Satya Dinesh Madasu "Automatic Generation Control Of Interconnected Power System By Using Optimization Technique", Aicte Sponsored E-Conference On Systems Modelling And System Dynamics (Ncsmsd -2020), International Journal of Engineering Research & Technology (IJERT) Issn: 2278-0181, vol.8, issue 16, pp.19-25, on.01-10-2020.
- [17]. Dr. Ravindra Janga "Design of Conventional Controller For Ky Converter Based Standalone Hybrid System With State Space Modelling", International Journal of Engineering Research & Technology (IJERT) Issn: 2278-0181, vol.8, issue 16, pp.187-192, on.01-10-2020.
- [18]. Mrs.K Kamala Devi "Protection of Distribution Network With Solar Farm Distributed Generation Using Wavelet-Alienation Techn", ique International Journal of Engineering Research & Technology (IJERT) Issn: 2278-0181, vol.8, issue 16, pp.200-204, on.01-10-2020.
- [19]. Ch Sridhar, Dr N rama Devi, "Load Immune Based Stator Incipient Faults Detection Algorithm for Three-Phase Electrically-Excited Synchronous Motor", Online ISBN 978-981-16-0081-4, Data Engineering and Communication Technology Proceedings of ICDECT 2020, pp221-226, on 9-7-2020.

No. of Conference Proceedings:

- [1]. Dr Pappula Sampath Kumar "understanding Key Business Processes Outsourcing Transition Aicte Sponsored E-Conference On Systems Modelling & System Dynamics", E-Conference On Systems Modeling And System Dynamics (Ncsmsd-2020), Isbn No: 978-93-5407-727-2, Organized By Department Of Electrical & Electronics Engineering From 24/08/2020 To 28/08/2020.
- [2]. N Balakrishna, B.Santan Krishna, J Ravindra "Performance Evolution Of Small Signal Model Based Peak Current Mode Controller For Off-Board Fast Charging Dc-Dc Converter", IEEE, 2020 IEEE 17th India Council International Conference (INDICON) | 978-1-7281-6916-3/20/\$31.00 ©2020 IEEE | DOI: 10.1109/INDICON49873.2020.9342288.
- [3]. K Pranathi , G Rajesh , Dr G Ravi Kumar Eee Wavelet Based Fault Analysis On Multi-Terminal System In Presence Of With And Without Islanding Connected System Aicte Sponsored E-Conference On Systems Modeling And System Dynamics (Ncsmsd-2020), Isbn No: 978-93-5407-727-2, Organized By Department Of Electrical & Electronics Engineering From 24/08/2020 To 28/08/2020.
- [4]. M Pavani, Dr.N.Karthik, "Fuzzy Logic Based Power Quality Improvement And Pv Power Injection By Dstatcom With Variable Dc Link Voltage Control From Rsc-Mlc Performance Analysis Of Permanent Magnet Synchronous Motor", Aicte Sponsored E-Conference On Systems Modelling And System Dynamics (Ncsmsd-2020), Isbn No: 978-93-5407-727-2, Organized By Department Of Electrical & Electronics Engineering From 24/08/2020 To 28/08/2020.
- [5]. J.Pardha Saradhi Wavelet Based Fault Analysis Of A 5-Bus System With Svc Controller Under Fault And Sudden Load Conditions Acces2020, on 10-7-2020.
- [6]. J.Pardha Saradhi Wavelet Based Harmonic Analysis Of Wind Connected System For Power Quality Improvement Using Statcom System Modeling And System Dynamics (Ncsmsd-2020), Isbn No: 978-93-5407-727-2, Organized By Department Of Electrical & Electronics Engineering From 24/08/2020 To 28/08/2020.

- [7]. Mrs.K Kamala Devi Islanding Detection In Wind Farm Distributed Generation Penetrated In Distribution Network Using Wavelet Based Alienation Technique.National Conference On Emerging Technologies In Energy Systems (Ncetes),Department Of Eee Pvpsit 123, on:11th September 2020 .
- [8]. Mr.K.Rajendra Islanding Detection In Wind Farm Distributed Generation Penetrated In Distribution Network Using Wavelet Based Alienation Technique.National Conference On Emerging Technologies In Energy Systems (Ncetes),Department Of Eee Pvpsit 123 , on :11th September 2020
- [9]. Mrs.K.Kamala Devi Protection Of Distribution Network With Solar Farm Distributed Generation Using Wavelet-Alienation Technique Aicte Sponsored E-Conference On System Modeling And System Dynamics (Ncsmsd-2020, 24th-28th August 2020), Isbn No: 978-93-5407-727-2 Bapatla Engineering College (Autonomous):: Bapatla.