



Rabindra Behera

Indira Gandhi Institute of Technology
Sarang

Power system Planning and operation
economic load dispatch
Electrical load forecasting
power system Stability analysis
relia

GET MY OWN PROFILE

| | All | Since 2017 |
|-----------|-----|------------|
| Citations | 61 | 33 |
| h-index | 5 | 4 |
| i10-index | 2 | 1 |

| TITLE | CITED BY | YEAR |
|--|----------|------|
| A hybrid short term load forecasting model of an Indian grid R Behera, BP Panigrahi, BB Pati Energy and Power Engineering 3 (3), 190-193 | 15 | 2011 |
| Simple moving average based capacity optimization for VRLA battery in PV power smoothing application using MCTLBO CK Nayak, MR Nayak, R Behera Journal of Energy Storage 17, 20-28 | 10 | 2018 |
| An application of genetic programming for power system planning and operation R Behera, BB Pati, BP Panigrahi, S Misra Int. J. Control Syst. Instrum 3 (2) | 9 | 2012 |
| Economic power dispatch problem using artificial immune system R Behera, BB Pati, BP Panigrahi International Journal of Scientific and Engineering Research 2 (5), 1-6 | 8 | 2011 |
| Fuzzified Philip_Heffron model power system stabilizer for improvisation of Voltage stability A Mohanty, R Behera, BP Panigrahi 2016 International Conference on Electrical, Electronics, and Optimization ... | 5 | 2016 |
| A Long Term Load Forecasting of an Indian Grid for Power System Planning R Behera, BB Pati, BP Panigrahi Journal of The Institution of Engineers(India), Series-B, 95 (4), 279-285 | 5 | 2014 |
| Stability Study of A Multi Machine System Using Modified Robust Co-Ordinate AVR and Power System Stabilizer CR Dash, BP Dash, R Behera International Journal of Electrical Engineering and Technology (IJEET) 6 (5 ... | 3 | 2015 |
| GA Based Optimal Power Flow Using Fact Device R Behera, CR Dash, D Khamar International Journal of Electrical Engineering & Technology 5, 12 | 2 | 2014 |
| Damping control of automatic voltage regulator loop using robust control technique R Behera, BP Panigrahi, BB Pati 2010 International Conference on Advances in Recent Technologies in ... | 2 | 2010 |

| TITLE | CITED BY | YEAR |
|---|----------|------|
| <p>Notice of Removal: Damping control of a multi-area system using Fuzzy Logic based Robust co-ordinate automatic voltage regulator (AVR) & power system stabilizer (PSS) R Behera, M Pradhan, BP Panigrahi 2015 International Conference on Electrical, Electronics, Signals ...</p> | 1 | 2015 |
| <p>Economic Load Dispatch Using Modified Genetic Algorithm R Behera, BP Panigrahi, BB Pati International Journal of Scientific and Engineering Research 3 (5), 57-64</p> | 1 * | 2012 |
| <p>Regulated Soft-Switching Power Supply Using Buck-Boost Converter S Behera, B Kumar, R Behera, BP Panigrahi, RK Behera, DP Bagarty 2020 International Conference on Computational Intelligence for Smart Power ...</p> | | 2020 |
| <p>Minimization of Input Ripple Current for Soft-Switching Buck-Boost Converter RKB Siddhartha Behera, Brijesh Kumar International Journal of Engineering and Advanced Technology (IJEAT) 9 (2 ...</p> | | 2019 |
| <p>Optimization of Switching Loss of a DC-DC Boost Converter SK Swain, R Behera, S Behera International Journal of Recent Technology and Engineering (IJRTE) 8 (3 ...</p> | | 2019 |
| <p>Enhancement of Power Quality through the development of Power Quality Literacy SRPCN R.Behera, S.S.Rath AICTE Sponsored National Conference on Modern Trends in Engineering ...</p> | | 2013 |
| <p>Damping Control of Single machine Infinite Bus System consisting of AVR with damper circuit. RBM Pradhan AICTE Sponsored National Conference on Modern Trends in Engineering ...</p> | | 2013 |
| <p>Implementation of GA Controller for Improvised Direct Torque Control of an Induction Motor Drive. BBPRB L.D. Samanta, B.P.Panigrahi AICTE Sponsored National Conference on Modern Trends in Engineering ...</p> | | 2013 |
| <p>Long Term Load Forecasting of an Indian Grid Using Gauss Seidal Method BPP R.Behera, B.B.Pati All India Seminar on Recent Advances in Power, Energy and Control, November ...</p> | | 2013 |
| <p>Power Quality Improvement for Grid connected wind Energy System using STATCOM- Control Scheme DPP B.B.Pati , R.Behera Electrical India 52 (4), 24-29</p> | | 2012 |
| <p>Reliability Evaluation of a Power System including wind Mill DKR R.Behera, B.B.Pati, B.P.Panigrahi Electrical India 51 (04), 40-48</p> | | 2011 |