



## Biography

Dr. M S Dinesh received his PhD from National Institute of Technology Jamshedpur, Jharkhand India and M.Tech from National Institute of Technology Jamshedpur, Jharkhand, India. He has been an Assistant professor in the Department of Electrical Engineering at Bapatla Engineering College, since 2019. His research of interest are Application of Control System in Power Energy Systems and System Biology.

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## Awards & Honors

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## Selected Publications

1. Yesubabu Kakitapalli, Janakiram Ampolu, Satya Dinesh Madasu, M.L.S.Sai Kumar, In Detail Review of Chronic Kidney Disease, in Kidney Diseases Journal, 2020, 6, pp. 85-91.
2. Satya Dinesh Madasu, M.L.S.Sai Kumar, and Arun Kumar Singh, Comparable investigation of backtracking search algorithm in automatic generation control for two area reheat interconnected thermal power system. Applied Soft Computing Journal, 2017, 55, pp. 197 - 210.
3. Satya Dinesh Madasu, M.L.S.Sai Kumar, and Arun Kumar Singh, A Flower Pollination Algorithm Based Automatic Generation Control of Interconnected Power System, Ain Shams Engineering Journal, 2016, 9, pp. 1215 1224.
4. Satya Dinesh Madasu, M.L.S.Sai Kumar, and Arun Kumar Singh, A Strawberry Algorithm Based Automatic Generation Control of two area multi source Interconnected Power System, in International Journal of Mechanical Engineering and Robotics Research, 2018, 7, pp. 208-212.
5. Lal Deepak Kumar, Ajit Barisal, and Satya Dinesh Madasu. "AGC of a two area nonlinear power system using BOA optimized FOPID+ PI multistage controller." In 2019 Second International Conference on Advanced Computational and Communication Paradigms (ICACCP), pp. 1-6. IEEE, 2019.
6. Satya Dinesh Madasu, M.L.S. Sai Kumar, and Arun Kumar Singh. "A Multi-objective Flower Pollination Algorithm-Based Frequency Controller in Power System." In Soft Computing in Data Analytics, pp. 257-266. Springer, Singapore, 2019.
7. Satya Dinesh Madasu, M.L.S.Sai Kumar, and Arun Kumar Singh, Automatic Generation Control of Interconnected Power System by using Strawberry Algorithm, Veer Surendra Sai University of Technology, Burla, Odisha, India, 19-20 October, 2019.
8. Idamakanti Kasireddy, Satya Dinesh Madasu, Arun Kumar Singh, Transmission Line Loss Cost Allocation on the Basis of DE Algorithm, Recent Trends in Power Electronics & Drives, Aitam, Srikakulam, Andhra Pradesh, India, 22-23 January, 2016.
9. Satya Dinesh Madasu, M Mani Sankar and Dr.A.K.Singh, A Dynamic Voltage Sag Compensator for Distribution System, VSSUT, Burla, Odisha, India, April. 11-12.2015.
10. Satya Dinesh Madasu and Dr.A.K.Singh, Voltage Stability Analysis of Radial Distribution Networks, The Institution of Engineers, Jamshedpur, May.28-29.2014.
11. Satya Dinesh Madasu and Deepak Lal, Modelling and Analysis for Hybrid Power Generation (Wind+Solar+Diesel) in India, The School of Electrical Engineering KIIT-University, Bhubaneswar, India, Dec 12<sup>th</sup> 2009