

Dr. M. Bhavani

Assistant Professor
Electrical & Electronics Engineering
Anna University Regional Campus- Madurai,
Madurai -625 019,
Tamilnadu.
Phone : +91-9894857826
E-mail : mbeee@autmdu.ac.in



Publications List of Dr. M. Bhavani

International Publication:

1. **Bhavani, M.**, K. Selvi, and O. Supriya. "Profit maximization of hybrid system under availability based tariff in deregulated environment." *Energy Procedia* 117 (2017): 567-574.
2. **Bhavani, Murugesan**, Kamatchi Selvi, and Ravi Durga. "A Novel Approach for a Two Area Load Frequency Control in a Competitive Electricity Market Adopting Unscheduled Interchange Price." *Circuits and Systems* 7, no. 07 (2016): 1155.
3. Karthick, R. V., and **M. Bahavani**. "Fuzzy based controllers for dynamic response analysis of DFIG based on wind farm." *International Journal of Engineering,(IJETT)* 4, no. 6 (2013).
4. Selvi, K., N. Ramaraj, and **M. Bhavani**. "Total transfer capability evaluation using genetic algorithms." *JOURNAL-INSTITUTION OF ENGINEERS INDIA PART EL ELECTRICAL ENGINEERING DIVISION* 88, no. N (2007): 60.
5. **BHAVANI, M.**, K. SELVI, and R. DURGA. "A NOVEL PRICE BASED LOAD FREQUENCY CONTROL APPROACH TO DAMP OUT SYSTEM OSCILLATIONS UNDER DEREGULATED POWER ENVIRONMENT."

International Conference:

6. **Bhavani, M.**, K. Selvi, and L. Sindhumathi. "Neuro fuzzy load frequency control in a competitive electricity market using BFOA tuned SMES and TCPS." In *International Conference on Swarm, Evolutionary, and Memetic Computing*, pp. 373-385. Springer, Cham, 2014.