

## UGC project -P.Venkatesh

1. Title: A New Transmission pricing methodology for the Indian Restructuring Electricity Market
2. PI Information: Dr.P.Venkatesh
3. Project Duration and cost: 2 Years, Rs. 7,60 ,600/-
4. Equipments purchased and Usage: Purchase of Siemens PSS/E software
5. Publications:

### **Journals:**

1. ATC Determination Incorporating Reactive Power Flows and Network Uncertainties under Deregulated Environment, International Journal of Electric Power Components and Systems. Vol.40, Issue 11, pp.1246-1265, August 2012. (*Impact Factor: 0.474*)
2. Available Transfer Capability Determination by Incorporating Reactive Power Flow in Deregulated Power Systems, International Review of Electrical Engineering, Vol.6, No 2, March-April 2011, pp. 836-846. (Impact factor: 1.364).

### **Conferences:**

1. Transmission Congestion Management in Restructured Power Systems, IEEE Sponsored International Conference on ICETECT 2011, ISBN: 978-1-4244-7926-9/11-2011.
2. A New Transmission Pricing Methodology for Indian Restructured Market Using PSS/E Software, IEEE International Conference on ICONRAEeCE, 2011, Page: 488 – 492, 15-17 Dec. 2011, ISBN: 978-1-4577-2146-5.

6. Ph.D/M.E Produced along with titles:

M.E Thesis title with the name of the student:

1. 'A comparative study of transmission pricing methodologies'- R.Elakkia (09K04)-M.E Power System Engineering, Project Phase 1.
2. 'Determination of Transmission Pricing in Deregulated market'- S.JeyaSankari(11K08)- M.E Power System Engineering, Project Phase II